

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041125\  
 Data File : BP024265.D  
 Acq On : 11 Apr 2025 14:19  
 Operator : RC/JU  
 Sample : Q1748-04MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 IB-1.5-WCMS

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 04/14/2025  
 Supervised By :Jagrut Upadhyay 04/14/2025

Quant Time: Apr 11 14:59:06 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 10 11:43:37 2025  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.740	152	198893	20.000	ng	0.00	
21) Naphthalene-d8	10.510	136	835760	20.000	ng	-0.02	
39) Acenaphthene-d10	14.386	164	566625	20.000	ng	0.00	
64) Phenanthrene-d10	17.186	188	1260548	20.000	ng	0.00	
76) Chrysene-d12	21.645	240	1426665	20.000	ng	0.00	
86) Perylene-d12	25.004	264	871094	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	1988756	159.614	ng	0.00	
7) Phenol-d6	6.922	99	2499529	150.014	ng	0.00	
23) Nitrobenzene-d5	8.887	82	1605956	108.416	ng	0.00	
42) 2,4,6-Tribromophenol	15.904	330	1423364	199.424	ng	0.00	
45) 2-Fluorobiphenyl	12.992	172	3666524	95.414	ng	0.00	
79) Terphenyl-d14	19.916	244	7270183	105.191	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	3.305	88	197424	39.973	ng		Qvalue # 78
3) Pyridine	3.699	79	726093	53.777	ng		97
4) n-Nitrosodimethylamine	3.599	42	207047	45.906	ng		99
6) Aniline	7.075	93	278787	18.365	ng		98
8) 2-Chlorophenol	7.310	128	678421	50.409	ng		99
9) Benzaldehyde	6.887	77	155372	19.323	ng		97
10) Phenol	6.946	94	813258	48.350	ng		99
11) bis(2-Chloroethyl)ether	7.163	93	614434	46.322	ng		96
12) 1,3-Dichlorobenzene	7.628	146	618603	42.623	ng		99
13) 1,4-Dichlorobenzene	7.775	146	634304	42.805	ng		99
14) 1,2-Dichlorobenzene	8.087	146	623687	43.859	ng		99
15) Benzyl Alcohol	7.975	79	420731	39.885	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.257	45	665859	49.184	ng		97
17) 2-Methylphenol	8.181	107	585018	55.464	ng		99
18) Hexachloroethane	8.804	117	222640	42.349	ng		98
19) n-Nitroso-di-n-propyla...	8.534	70	488650	50.552	ng		99
20) 3+4-Methylphenols	8.504	107	814153	56.184	ng		99
22) Acetophenone	8.552	105	988977	46.805	ng		# 99
24) Nitrobenzene	8.928	77	717881	49.127	ng		99
25) Isophorone	9.446	82	1421417	55.979	ng		99
26) 2-Nitrophenol	9.634	139	360276	51.615	ng		99
27) 2,4-Dimethylphenol	9.698	122	680718	75.842	ng		98
28) bis(2-Chloroethoxy)met...	9.928	93	797057	44.620	ng		99
29) 2,4-Dichlorophenol	10.169	162	663319	54.631	ng		100
30) 1,2,4-Trichlorobenzene	10.381	180	596034	44.431	ng		99
31) Naphthalene	10.563	128	2020428	45.605	ng		100
32) Benzoic acid	9.834	122	518295m	59.210	ng		
33) 4-Chloroaniline	10.681	127	137875	8.696	ng		99
34) Hexachlorobutadiene	10.851	225	329257	42.648	ng		99
35) Caprolactam	11.463	113	254562	63.971	ng		97
36) 4-Chloro-3-methylphenol	11.810	107	812838	62.057	ng		99
37) 2-Methylnaphthalene	12.175	142	1336378	44.651	ng		99
38) 1-Methylnaphthalene	12.404	142	1421267	48.823	ng		99
40) 1,2,4,5-Tetrachloroben...	12.551	216	701326	42.817	ng		99
41) Hexachlorocyclopentadiene	12.528	237	910279	154.174	ng		98
43) 2,4,6-Trichlorophenol	12.798	196	547883	52.633	ng		99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	649678	56.911	ng	99
46) 1,1'-Biphenyl	13.198	154	1965684	46.165	ng	99
47) 2-Chloronaphthalene	13.239	162	1517908	47.395	ng	99
48) 2-Nitroaniline	13.451	65	482628	58.918	ng	96
49) Acenaphthylene	14.098	152	2623879	54.145	ng	100
50) Dimethylphthalate	13.834	163	2173322	54.816	ng	100
51) 2,6-Dinitrotoluene	13.963	165	486052	58.265	ng	98
52) Acenaphthene	14.451	154	1539419	49.719	ng	99
53) 3-Nitroaniline	14.298	138	153208	17.004	ng	99
54) 2,4-Dinitrophenol	14.498	184	656992	148.841	ng	94
55) Dibenzofuran	14.786	168	2463534	49.120	ng	98
56) 4-Nitrophenol	14.622	139	1037606	137.823	ng	96
57) 2,4-Dinitrotoluene	14.751	165	723204	65.632	ng	97
58) Fluorene	15.445	166	2083618	53.321	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.028	232	584528	57.955	ng	98
60) Diethylphthalate	15.222	149	2253741	57.082	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	979569	51.110	ng	97
62) 4-Nitroaniline	15.475	138	396219	41.929	ng	99
63) Azobenzene	15.751	77	1987173	53.399	ng	98
65) 4,6-Dinitro-2-methylph...	15.528	198	418302	55.897	ng	95
66) n-Nitrosodiphenylamine	15.669	169	943117	24.638	ng	100
67) 4-Bromophenyl-phenylether	16.363	248	659062	47.621	ng	98
68) Hexachlorobenzene	16.480	284	807518	49.297	ng	99
69) Atrazine	16.645	200	215386	23.312	ng	99
70) Pentachlorophenol	16.833	266	1215004	114.697	ng	99
71) Phenanthrene	17.239	178	3497744	50.793	ng	99
72) Anthracene	17.333	178	3514990	52.408	ng	100
73) Carbazole	17.610	167	1426762	22.059	ng	100
74) Di-n-butylphthalate	18.210	149	4206804	54.788	ng	100
75) Fluoranthene	19.327	202	4297131	53.879	ng	99
77) Benzidine	19.539	184	9013m	0.578	ng	
78) Pyrene	19.704	202	4378542	49.366	ng	99
80) Butylbenzylphthalate	20.645	149	2050522	56.062	ng	98
81) Benzo(a)anthracene	21.621	228	4632255	52.224	ng	100
82) 3,3'-Dichlorobenzidine	21.539	252	53712	1.807	ng	98
83) Chrysene	21.692	228	4265411	50.023	ng	99
84) Bis(2-ethylhexyl)phtha...	21.557	149	2941938	53.306	ng	100
85) Di-n-octyl phthalate	22.833	149	4973283	56.242	ng	100
87) Indeno(1,2,3-cd)pyrene	28.815	276	5522504	90.837	ng	99
88) Benzo(b)fluoranthene	23.927	252	4834705	92.052	ng	98
89) Benzo(k)fluoranthene	24.015	252	4709378	91.665	ng	100
90) Benzo(a)pyrene	24.851	252	4188367	91.707	ng	99
91) Dibenzo(a,h)anthracene	28.909	278	4800304	94.907	ng	99
92) Benzo(g,h,i)perylene	30.009	276	4314856	83.921	ng	100

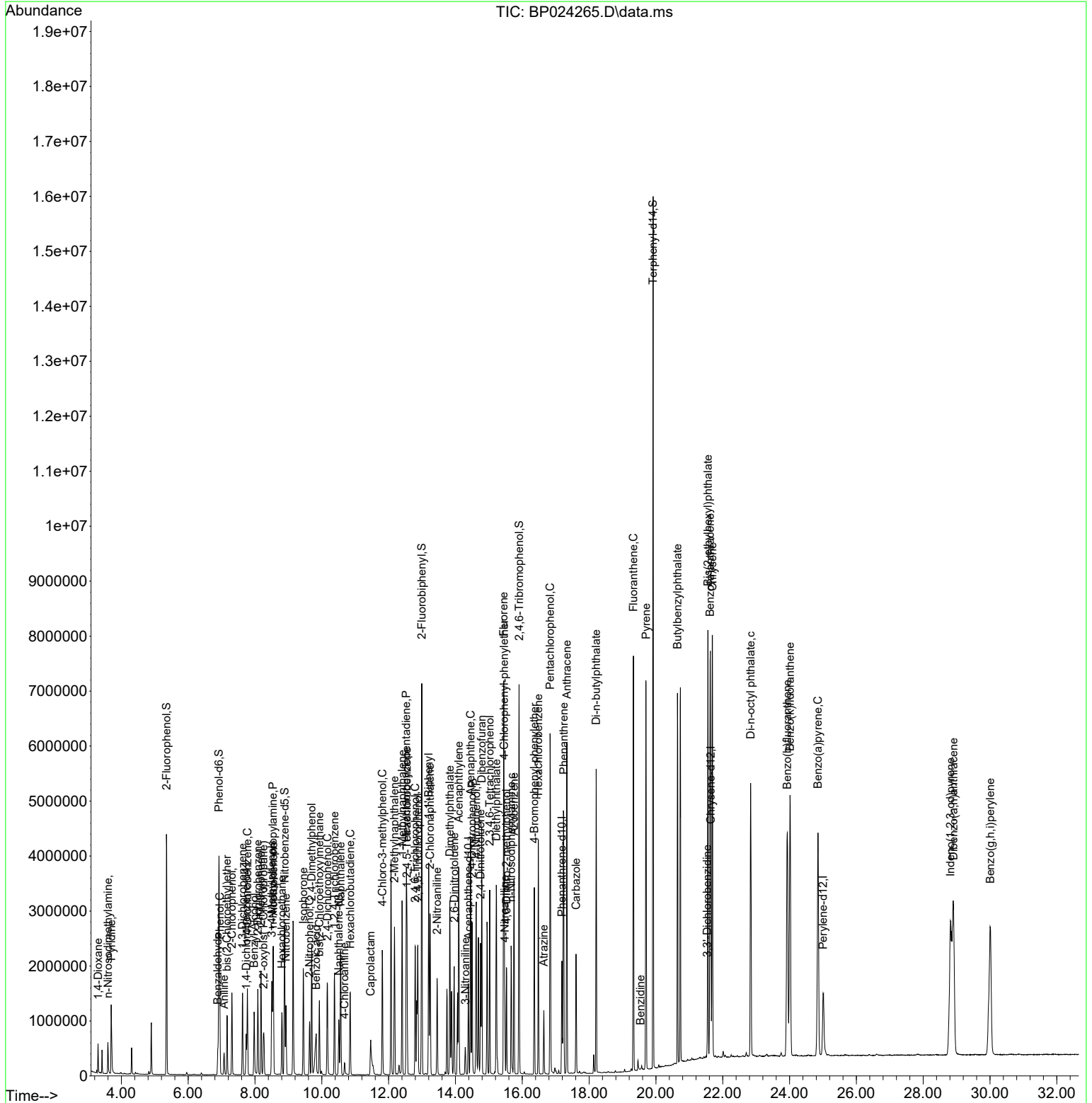
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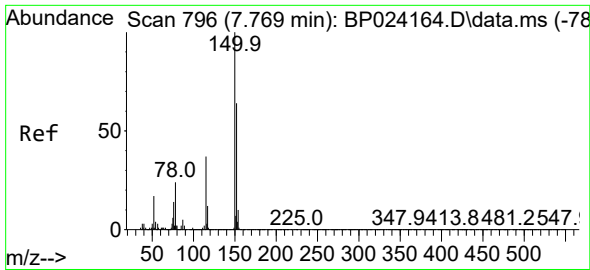
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041125\  
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 Sample : Q1748-04MS  
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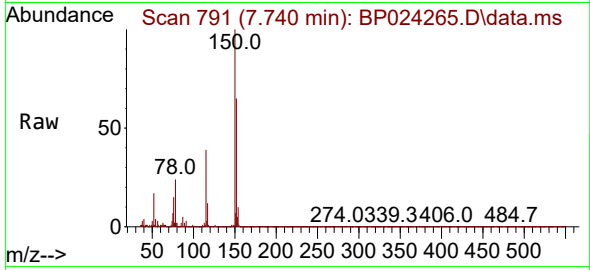
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.740 min Scan# 796  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



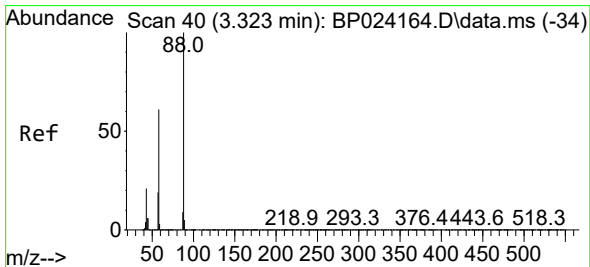
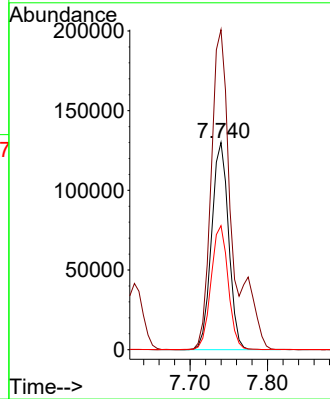
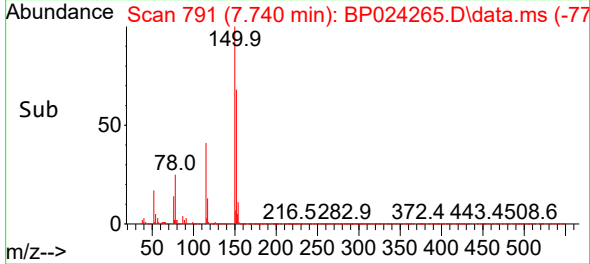
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 Ion Ratio Lower Upper  
 152 100  
 150 154.5 125.5 188.3  
 115 59.8 46.3 69.5

Manual Integrations

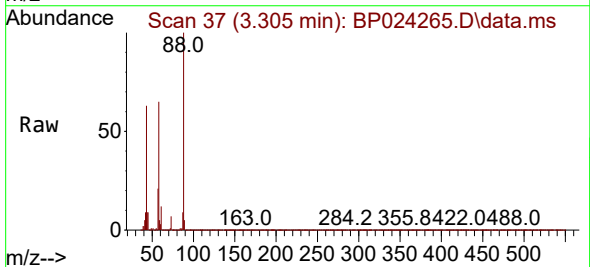
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Reviewed By :Rahul Chavli 04/14/2025

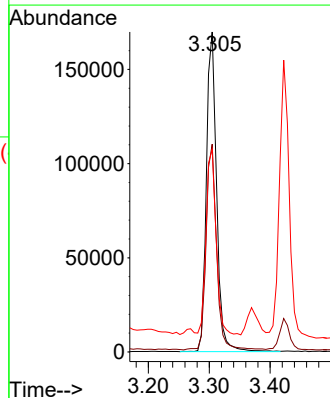
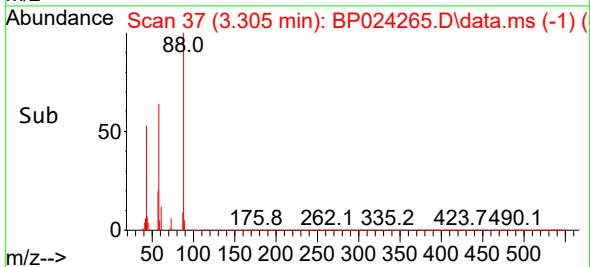
Supervised By :Jagrut Upadhyay 04/14/2025

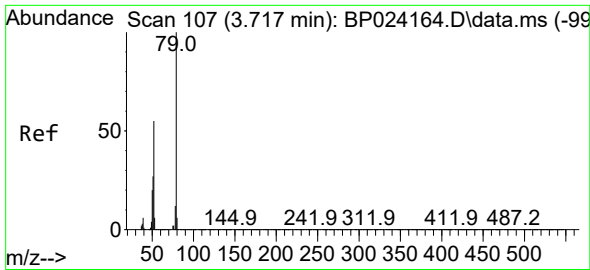


#2  
 1,4-Dioxane  
 Concen: 39.973 ng  
 RT: 3.305 min Scan# 37  
 Delta R.T. 0.000 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion: 88 Resp: 197424  
 Ion Ratio Lower Upper  
 88 100  
 58 65.7 49.8 74.6  
 43 56.5 17.3 25.9#





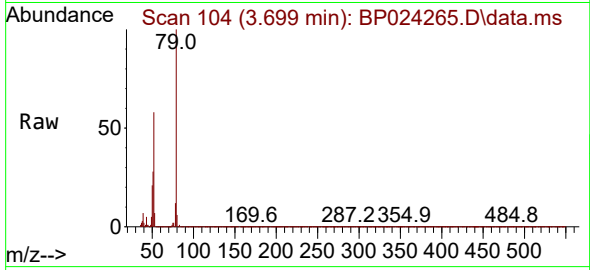
#3  
 Pyridine  
 Concen: 53.777 ng  
 RT: 3.699 min Scan# 107  
 Delta R.T. 0.000 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

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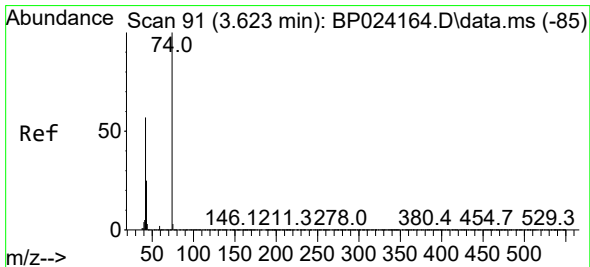
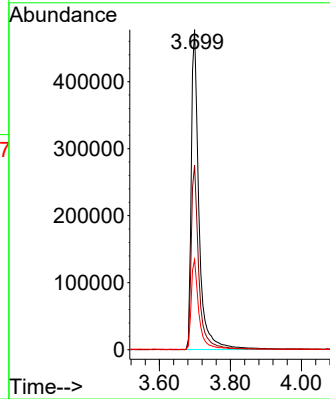
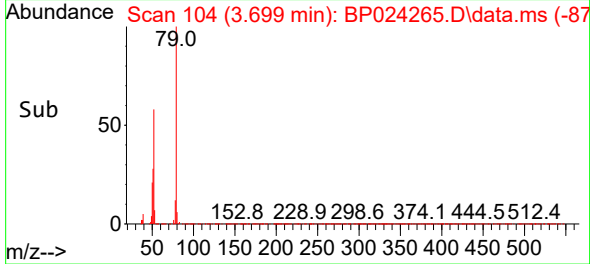
Tgt Ion: 79 Resp: 72609  
 Ion Ratio Lower Upper  
 79 100  
 52 57.6 43.8 65.8  
 51 28.1 21.6 32.4

Manual Integrations

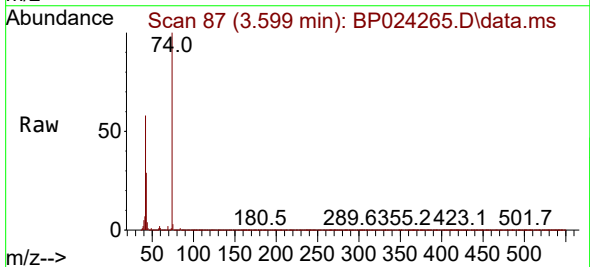
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

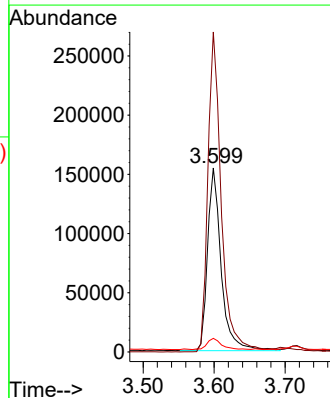
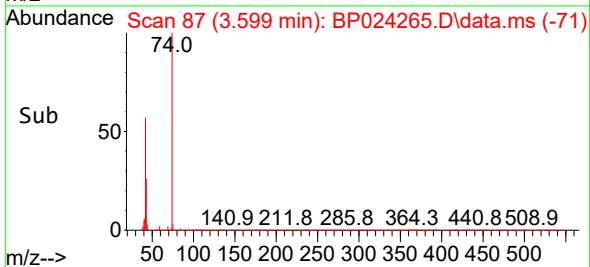
Supervised By :Jagrut Upadhyay 04/14/2025

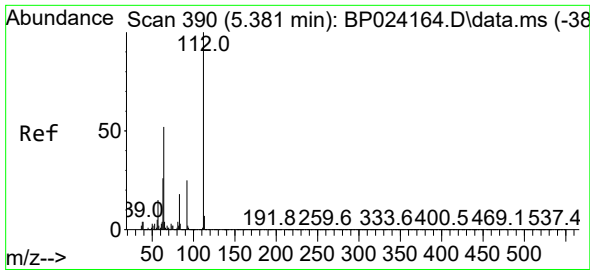


#4  
 n-Nitrosodimethylamine  
 Concen: 45.906 ng  
 RT: 3.599 min Scan# 87  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion: 42 Resp: 207047  
 Ion Ratio Lower Upper  
 42 100  
 74 173.9 139.8 209.6  
 44 7.4 5.3 7.9





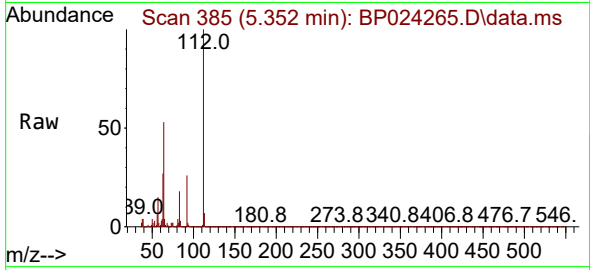
#5  
 2-Fluorophenol  
 Concen: 159.614 ng  
 RT: 5.352 min Scan# 385  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

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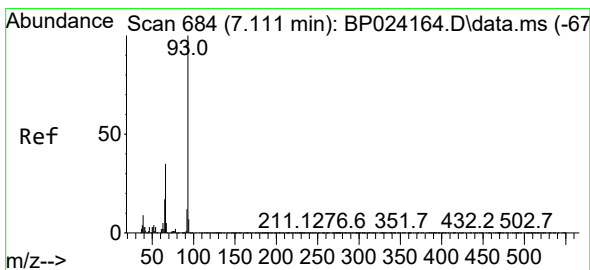
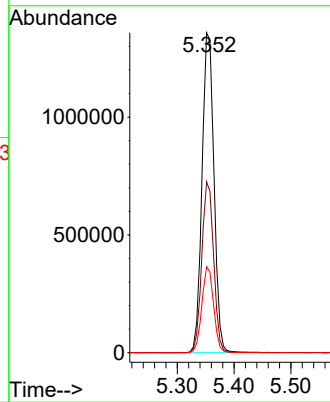
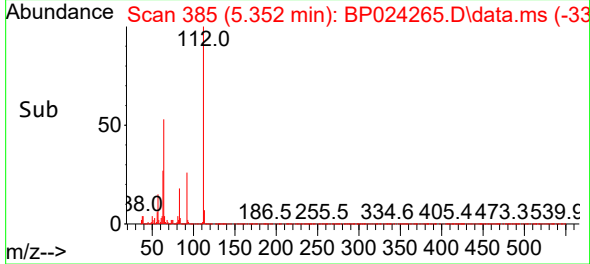
Tgt Ion: 112 Resp: 1988750  
 Ion Ratio Lower Upper  
 112 100  
 64 53.4 41.3 61.9  
 63 26.9 20.6 31.0

Manual Integrations

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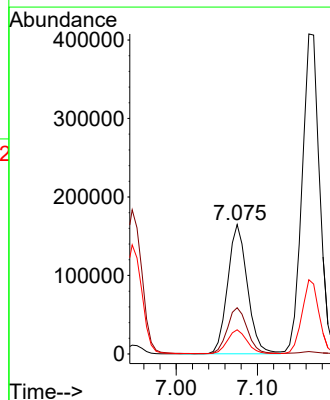
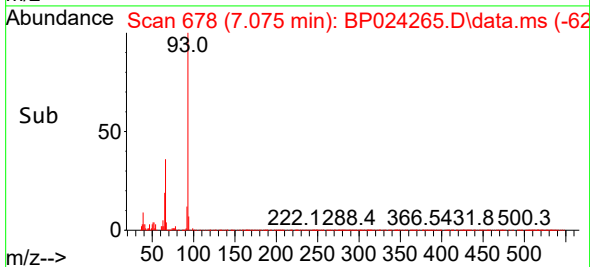
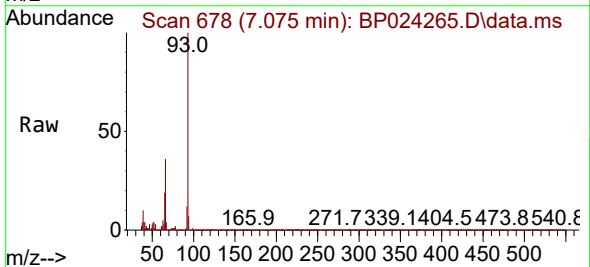
Reviewed By :Rahul Chavli 04/14/2025

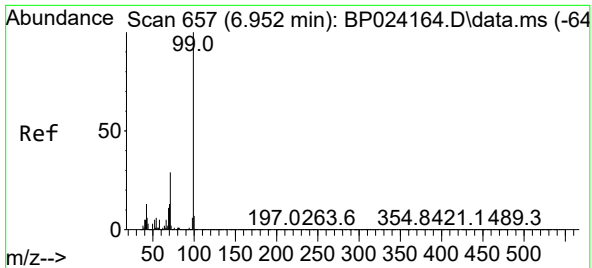
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#6  
 Aniline  
 Concen: 18.365 ng  
 RT: 7.075 min Scan# 678  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

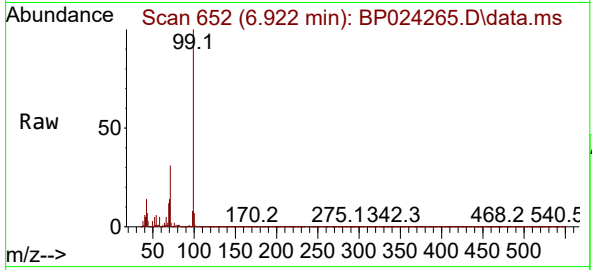
Tgt Ion: 93 Resp: 278787  
 Ion Ratio Lower Upper  
 93 100  
 66 35.7 28.2 42.2  
 65 18.7 14.0 21.0





#7  
 Phenol-d6  
 Concen: 150.014 ng  
 RT: 6.922 min Scan# 61  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
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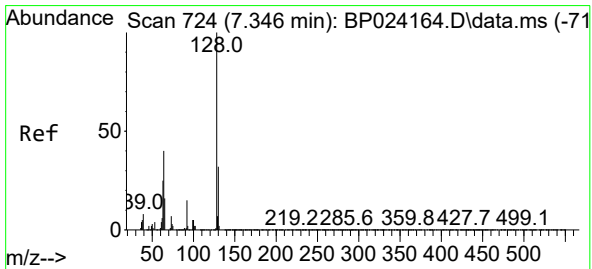
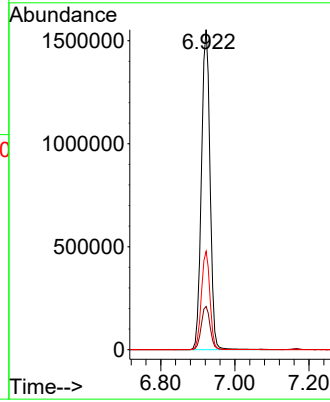
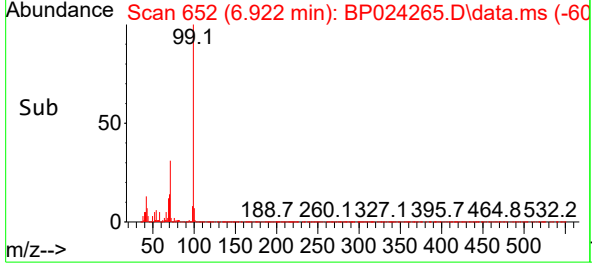
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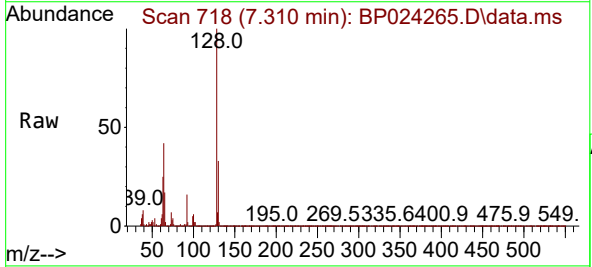
Tgt Ion: 99 Resp: 2499529  
 Ion Ratio Lower Upper  
 99 100  
 42 13.5 10.6 16.0  
 71 30.8 23.3 34.9

Manual Integrations  
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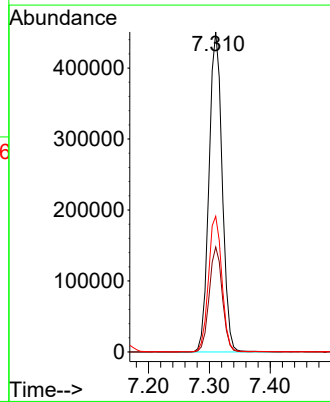
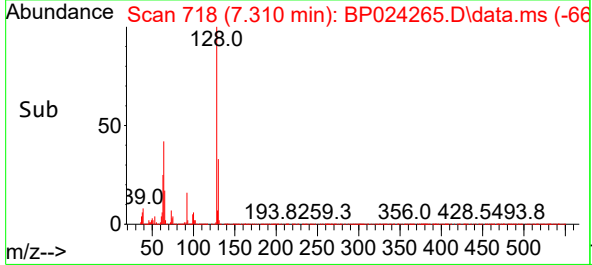
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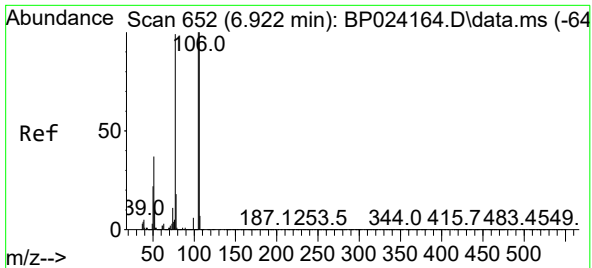


#8  
 2-Chlorophenol  
 Concen: 50.409 ng  
 RT: 7.310 min Scan# 718  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
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Tgt Ion:128 Resp: 678421  
 Ion Ratio Lower Upper  
 128 100  
 130 32.8 12.0 52.0  
 64 42.4 21.6 61.6





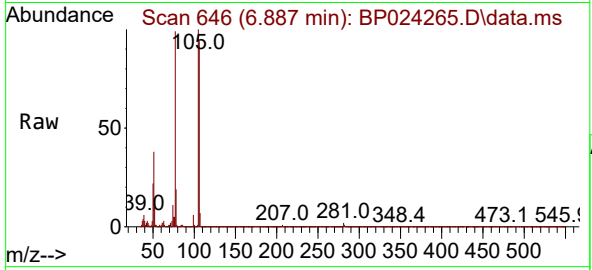
#9  
Benzaldehyde  
Concen: 19.323 ng  
RT: 6.887 min Scan# 646  
Delta R.T. -0.012 min  
Lab File: BP024265.D  
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IB-1.5-WCMS



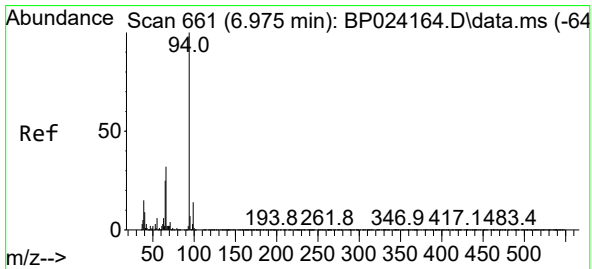
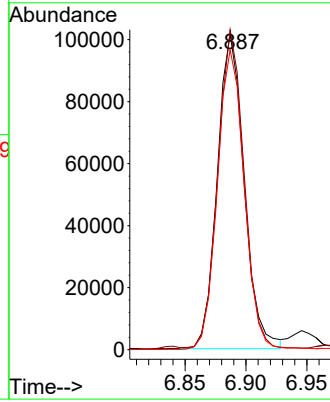
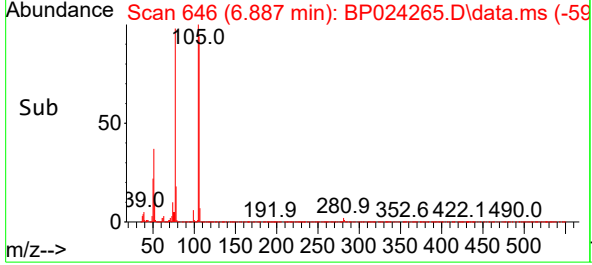
Tgt Ion: 77 Resp: 155372  
Ion Ratio Lower Upper  
77 100  
105 101.4 81.4 121.4  
106 95.0 81.1 121.1

Manual Integrations

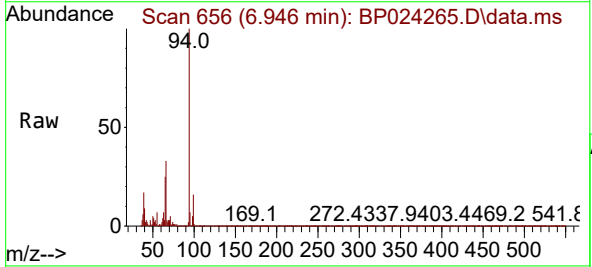
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

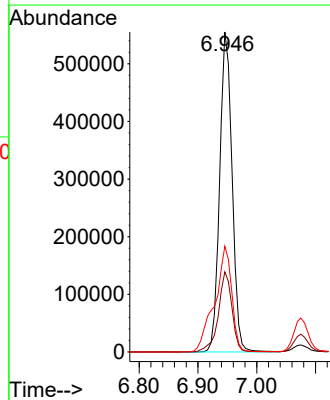
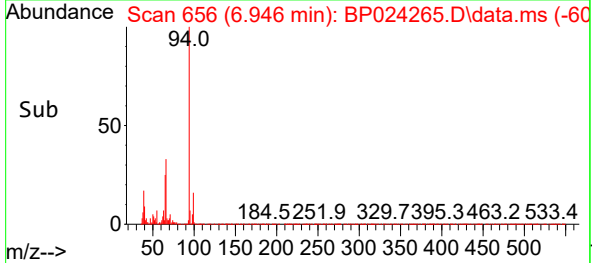
Supervised By :Jagrut Upadhyay 04/14/2025



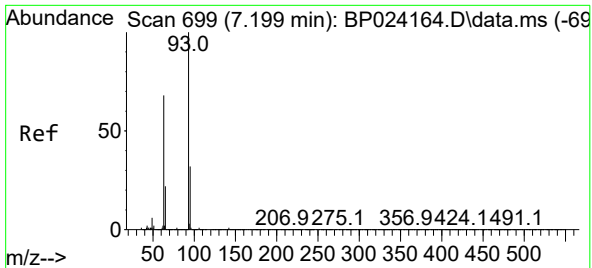
#10  
Phenol  
Concen: 48.350 ng  
RT: 6.946 min Scan# 656  
Delta R.T. -0.012 min  
Lab File: BP024265.D  
Acq: 11 Apr 2025 14:19



Tgt Ion: 94 Resp: 813258  
Ion Ratio Lower Upper  
94 100  
65 25.0 4.9 44.9  
66 33.1 11.9 51.9







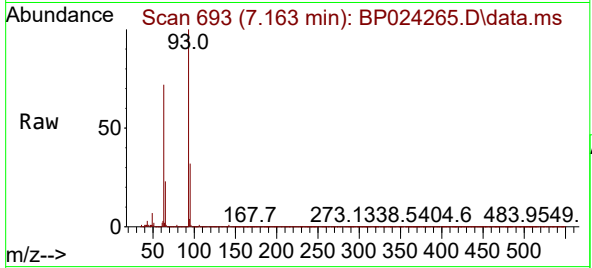
#11  
 bis(2-Chloroethyl)ether  
 Concen: 46.322 ng  
 RT: 7.163 min Scan# 699  
 Delta R.T. -0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

ClientSampleId :

IB-1.5-WCMS



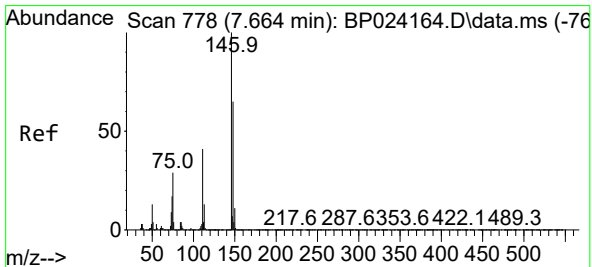
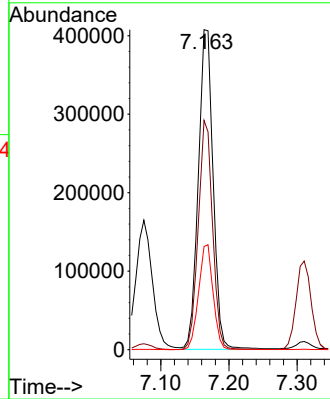
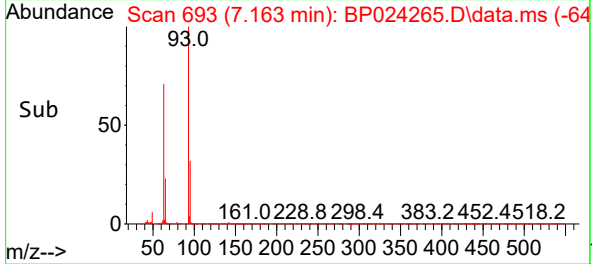
Tgt Ion: 93 Resp: 614434  
 Ion Ratio Lower Upper  
 93 100  
 63 71.6 47.4 87.4  
 95 32.2 12.1 52.1

Manual Integrations

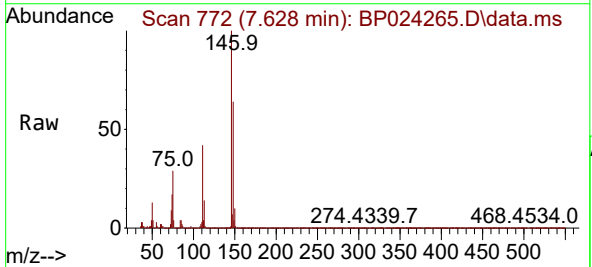
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

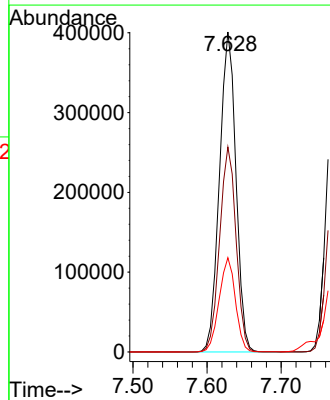
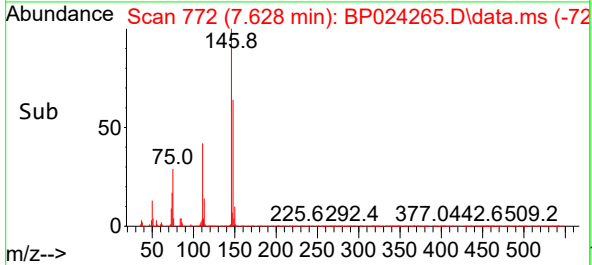
Supervised By :Jagrut Upadhyay 04/14/2025

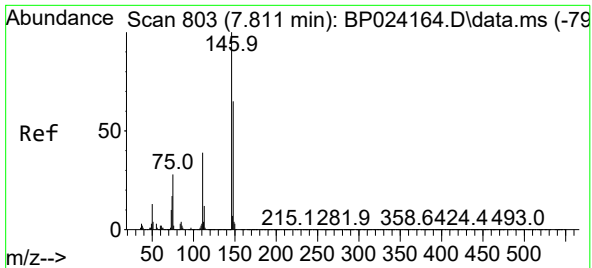


#12  
 1,3-Dichlorobenzene  
 Concen: 42.623 ng  
 RT: 7.628 min Scan# 772  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



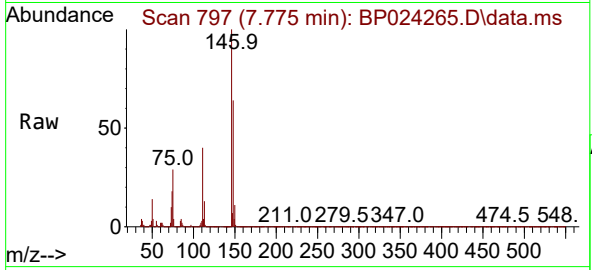
Tgt Ion:146 Resp: 618603  
 Ion Ratio Lower Upper  
 146 100  
 148 64.1 51.6 77.4  
 75 29.5 22.8 34.2





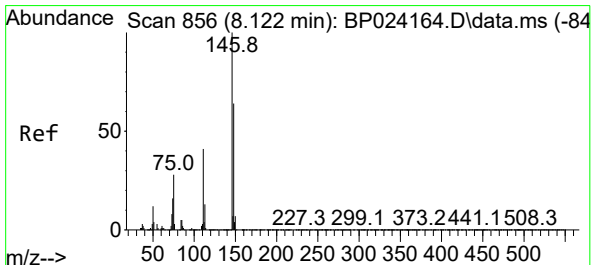
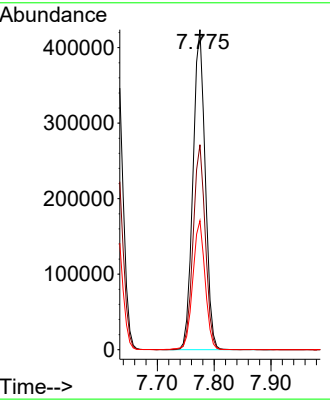
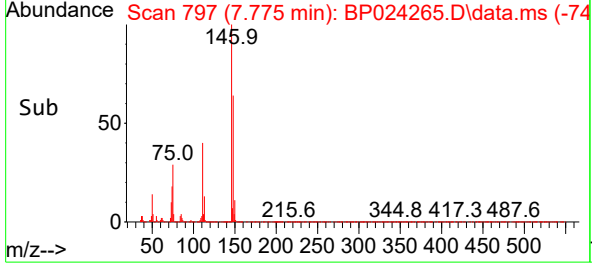
#13  
 1,4-Dichlorobenzene  
 Concen: 42.805 ng  
 RT: 7.775 min Scan# 74  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument : BNA\_P  
 Client Sample Id : IB-1.5-WCMS

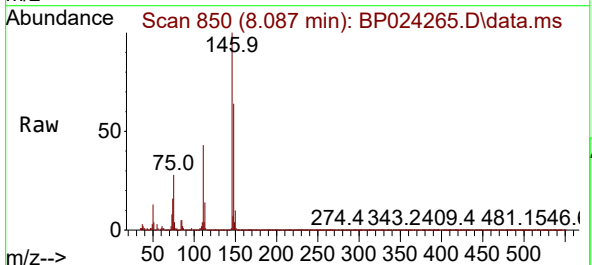


Tgt Ion:146 Resp: 634304  
 Ion Ratio Lower Upper  
 146 100  
 148 64.1 51.9 77.9  
 111 40.3 31.4 47.2

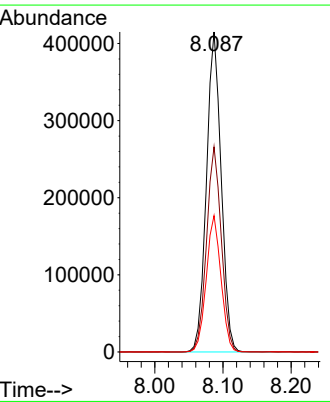
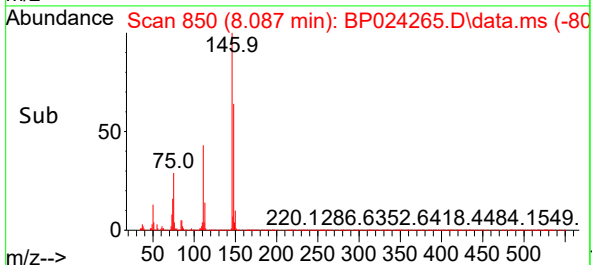
Manual Integrations  
**APPROVED**  
 Reviewed By :Rahul Chavli 04/14/2025  
 Supervised By :Jagrut Upadhyay 04/14/2025

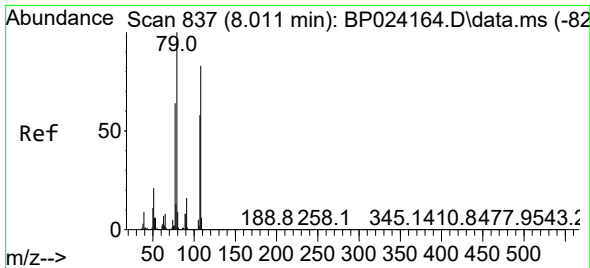


#14  
 1,2-Dichlorobenzene  
 Concen: 43.859 ng  
 RT: 8.087 min Scan# 850  
 Delta R.T. -0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion:146 Resp: 623687  
 Ion Ratio Lower Upper  
 146 100  
 148 64.1 51.4 77.2  
 111 42.6 33.2 49.8





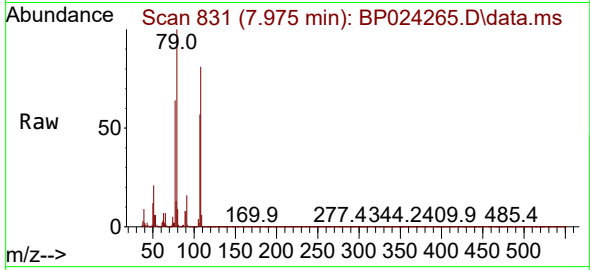
#15  
 Benzyl Alcohol  
 Concen: 39.885 ng  
 RT: 7.975 min Scan# 811  
 Delta R.T. -0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

ClientSampleId :

IB-1.5-WCMS



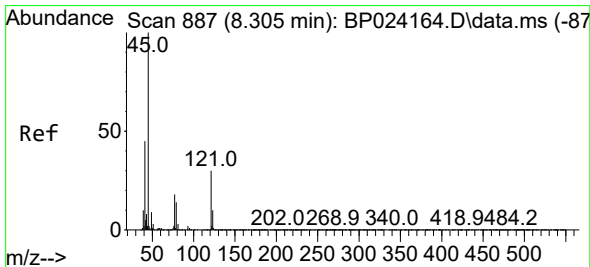
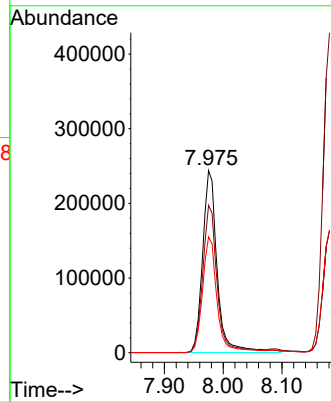
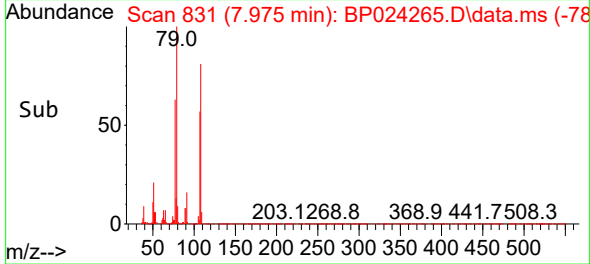
Tgt Ion: 79 Resp: 42073  
 Ion Ratio Lower Upper  
 79 100  
 108 80.9 66.5 99.7  
 77 63.6 50.9 76.3

Manual Integrations

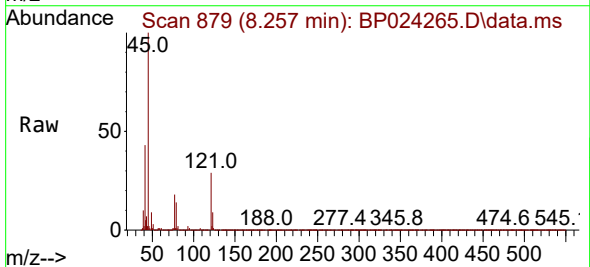
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

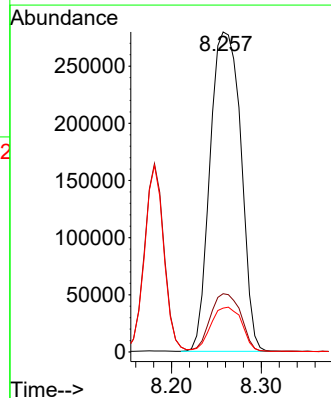
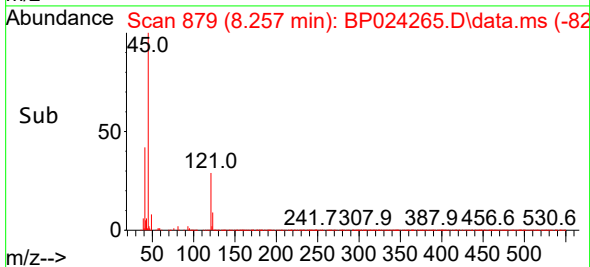
Supervised By :Jagrut Upadhyay 04/14/2025

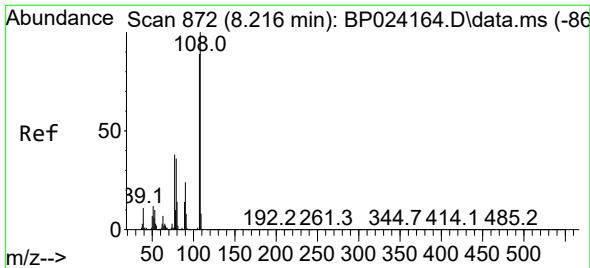


#16  
 2,2'-oxybis(1-Chloropropane)  
 Concen: 49.184 ng  
 RT: 8.257 min Scan# 879  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion: 45 Resp: 665859  
 Ion Ratio Lower Upper  
 45 100  
 77 18.2 0.0 39.0  
 79 13.7 0.0 35.6





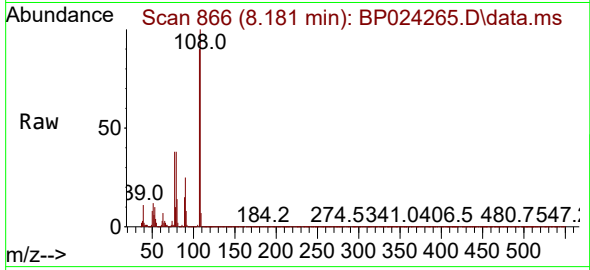
#17  
 2-Methylphenol  
 Concen: 55.464 ng  
 RT: 8.181 min Scan# 80  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



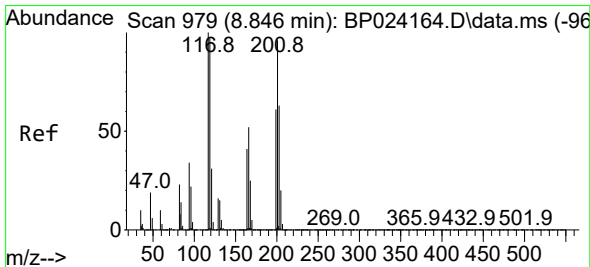
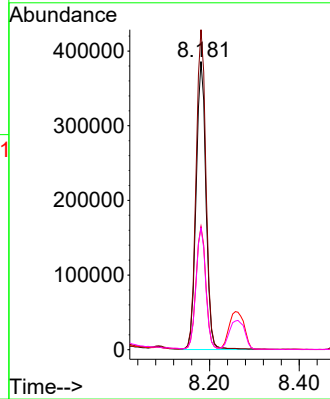
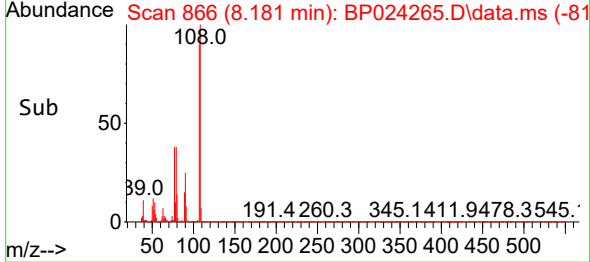
Tgt Ion:107 Resp: 585018  
 Ion Ratio Lower Upper  
 107 100  
 108 111.1 90.0 135.0  
 77 42.7 34.0 51.0  
 79 42.3 32.7 49.1

Manual Integrations

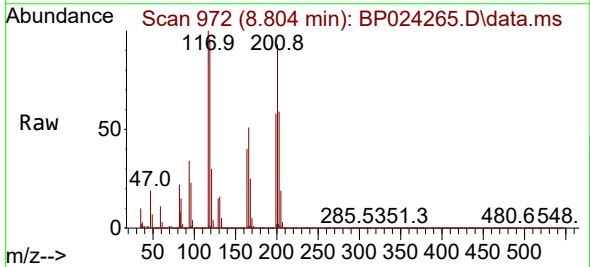
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

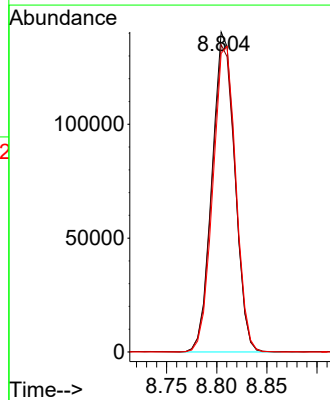
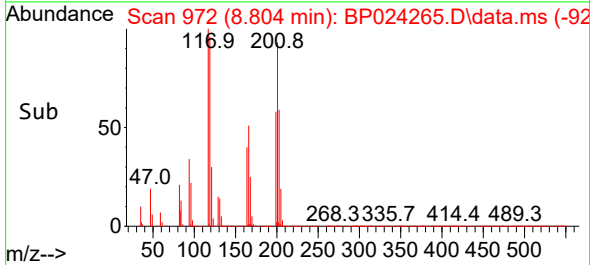
Supervised By :Jagrut Upadhyay 04/14/2025

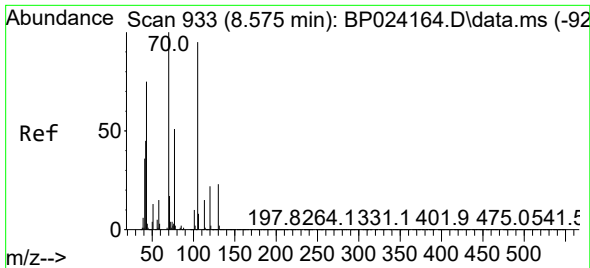


#18  
 Hexachloroethane  
 Concen: 42.349 ng  
 RT: 8.804 min Scan# 972  
 Delta R.T. -0.018 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion:117 Resp: 222640  
 Ion Ratio Lower Upper  
 117 100  
 119 96.0 77.4 116.0  
 201 93.3 76.6 114.8





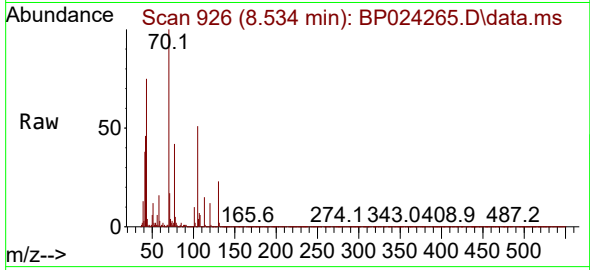
#19  
 n-Nitroso-di-n-propylamine  
 Concen: 50.552 ng  
 RT: 8.534 min Scan# 911  
 Delta R.T. -0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

ClientSampleId :

IB-1.5-WCMS



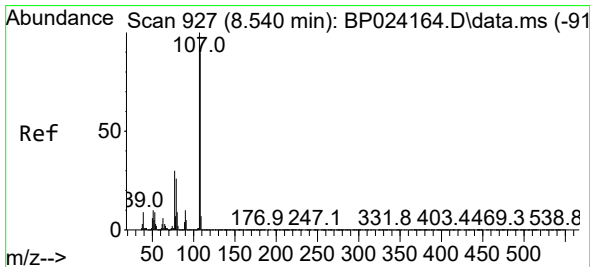
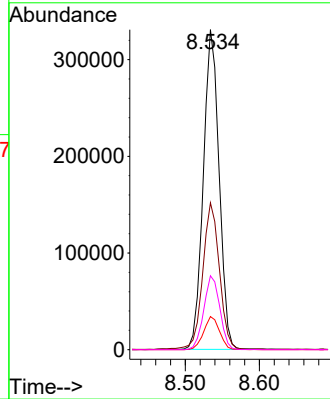
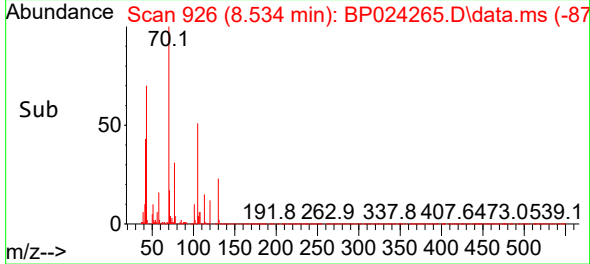
Tgt Ion: 70 Resp: 488650  
 Ion Ratio Lower Upper  
 70 100  
 42 45.9 36.0 54.0  
 101 10.3 8.3 12.5  
 130 23.1 18.6 28.0

Manual Integrations

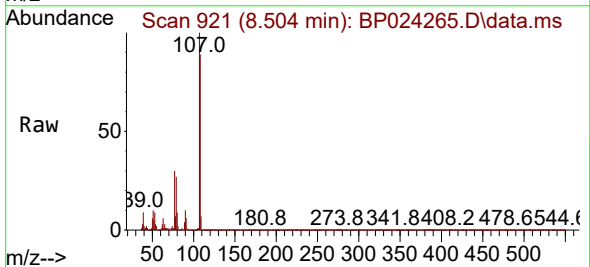
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

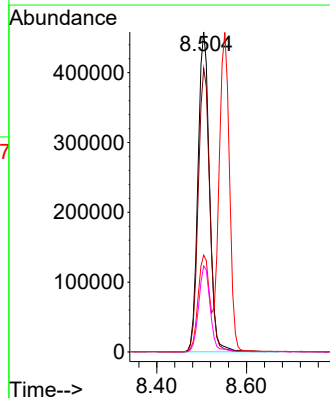
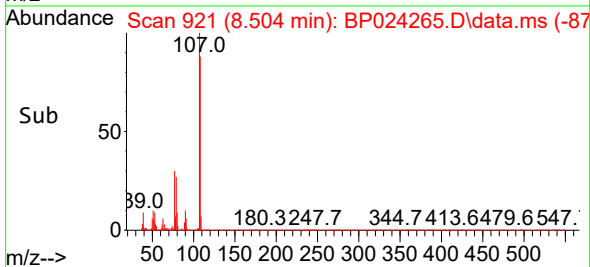
Supervised By :Jagrut Upadhyay 04/14/2025

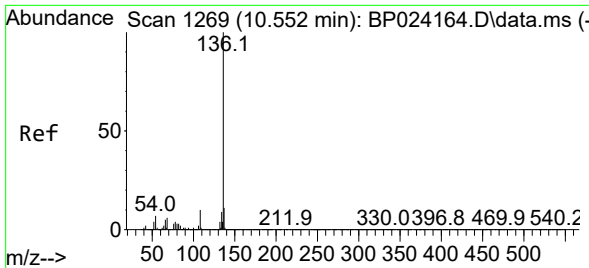


#20  
 3+4-Methylphenols  
 Concen: 56.184 ng  
 RT: 8.504 min Scan# 921  
 Delta R.T. -0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion: 107 Resp: 814153  
 Ion Ratio Lower Upper  
 107 100  
 108 88.6 69.7 109.7  
 77 30.3 10.3 50.3  
 79 26.9 6.1 46.1





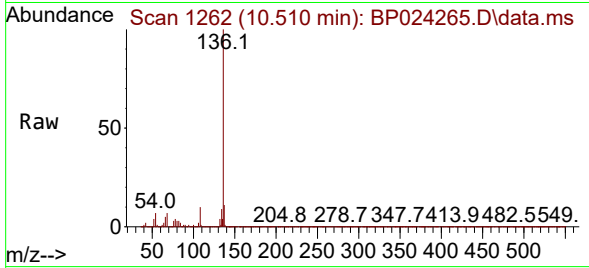
#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.510 min Scan# 111  
 Delta R.T. -0.018 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



Tgt Ion: 136 Resp: 835760

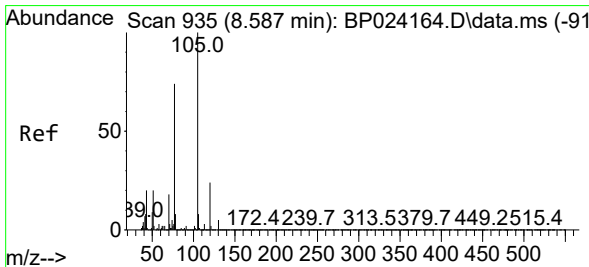
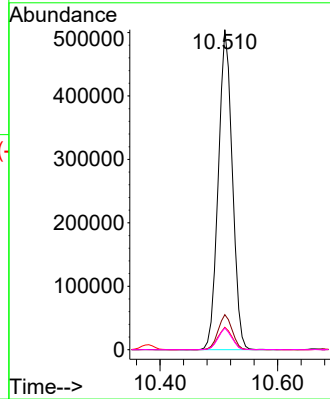
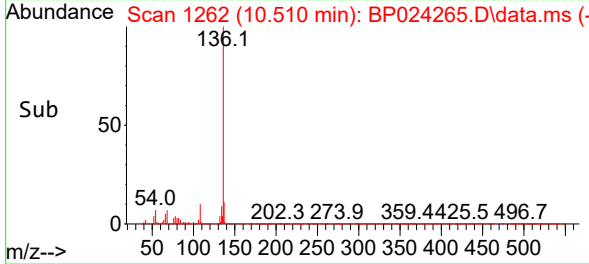
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.0	5.3	7.9
68	6.7	5.0	7.4

Manual Integrations

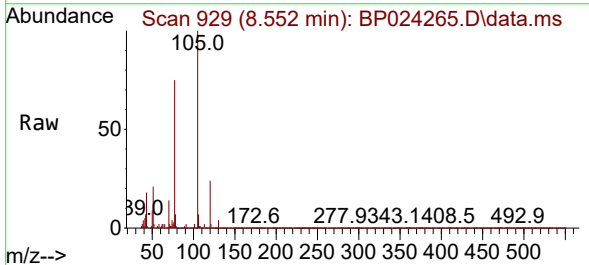
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

Supervised By :Jagrut Upadhyay 04/14/2025

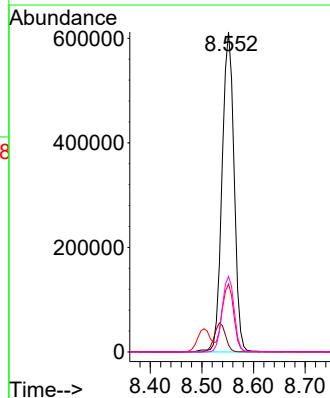
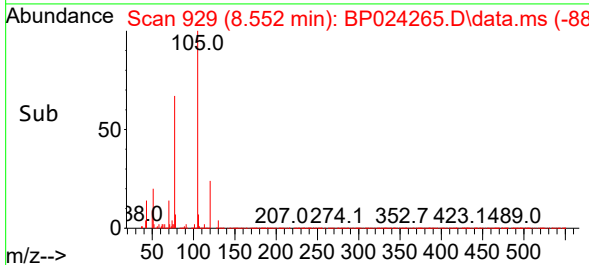


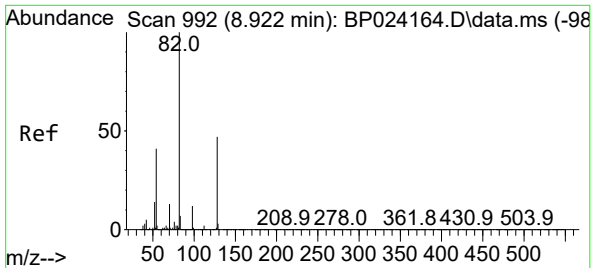
#22  
 Acetophenone  
 Concen: 46.805 ng  
 RT: 8.552 min Scan# 929  
 Delta R.T. -0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion: 105 Resp: 988977

Ion	Ratio	Lower	Upper
105	100		
71	2.2	2.4	3.6#
51	21.3	16.2	24.2
120	23.6	19.0	28.6





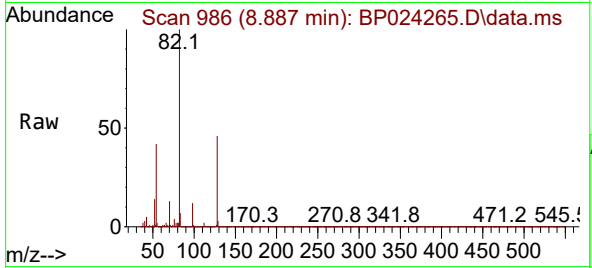
#23  
 Nitrobenzene-d5  
 Concen: 108.416 ng  
 RT: 8.887 min Scan# 911  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



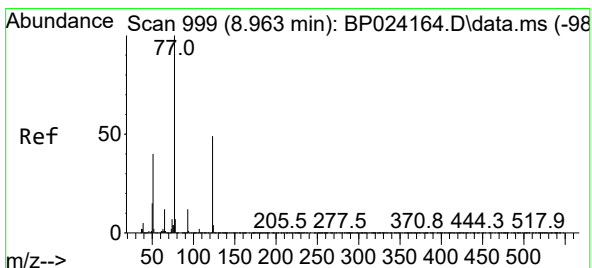
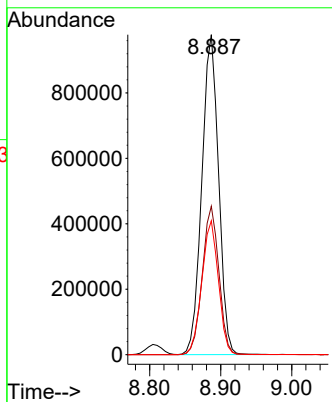
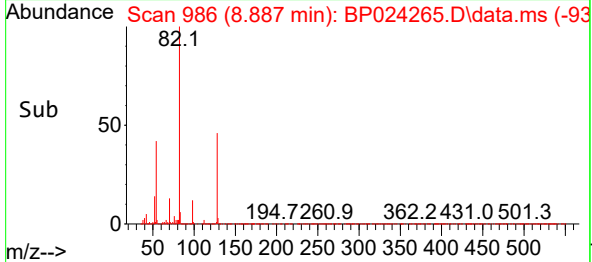
Tgt Ion: 82 Resp: 160595  
 Ion Ratio Lower Upper  
 82 100  
 128 46.4 37.4 56.0  
 54 41.8 32.5 48.7

Manual Integrations

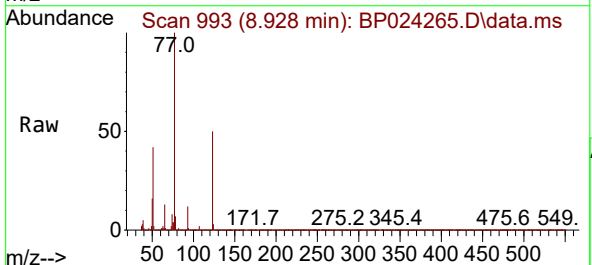
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

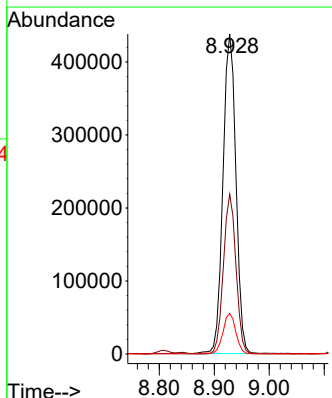
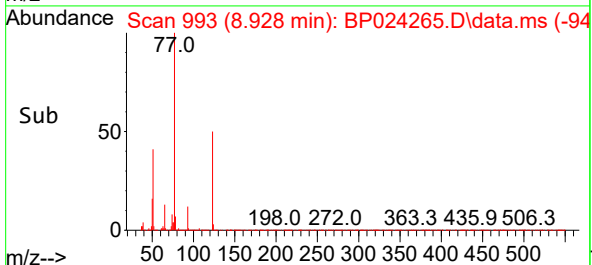
Supervised By :Jagrut Upadhyay 04/14/2025

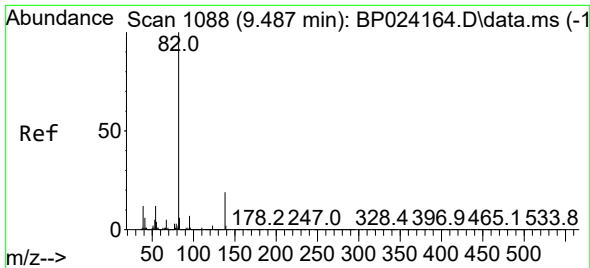


#24  
 Nitrobenzene  
 Concen: 49.127 ng  
 RT: 8.928 min Scan# 993  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion: 77 Resp: 717881  
 Ion Ratio Lower Upper  
 77 100  
 123 49.9 39.4 59.2  
 65 12.6 9.9 14.9





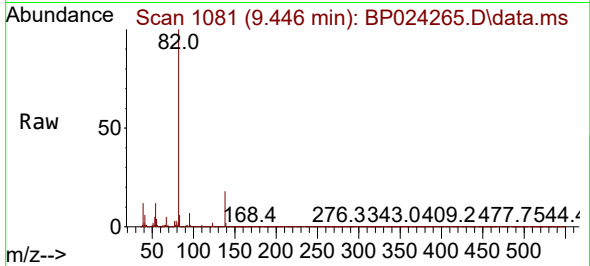
#25  
 Isophorone  
 Concen: 55.979 ng  
 RT: 9.446 min Scan# 1081  
 Delta R.T. -0.018 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



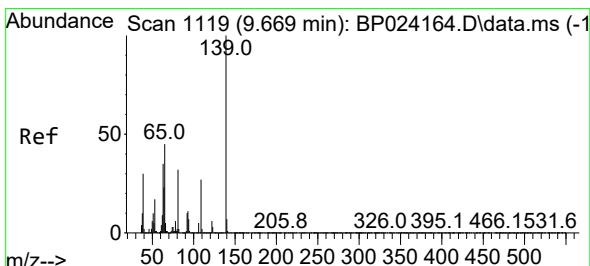
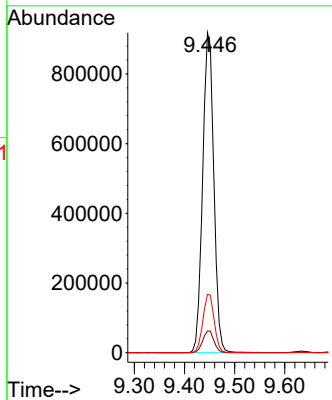
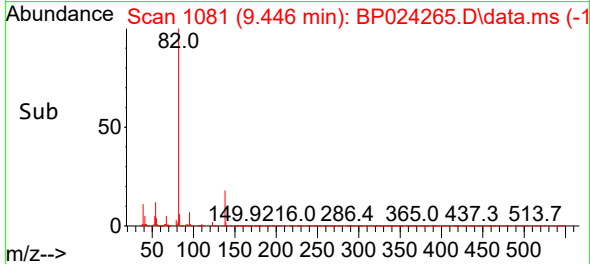
Tgt Ion: 82 Resp: 142141  
 Ion Ratio Lower Upper  
 82 100  
 95 6.8 5.3 7.9  
 138 18.2 14.8 22.2

Manual Integrations

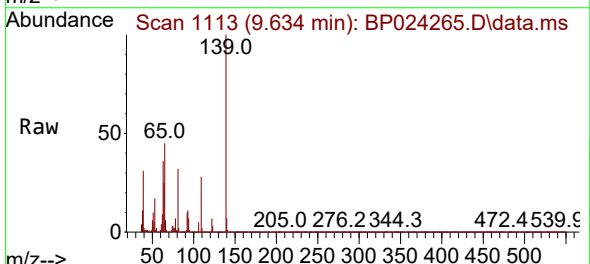
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

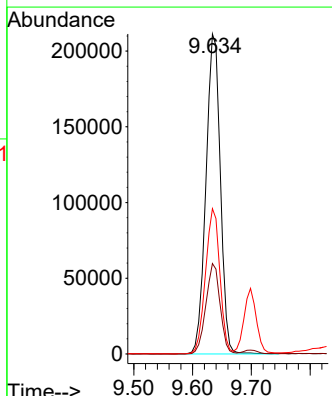
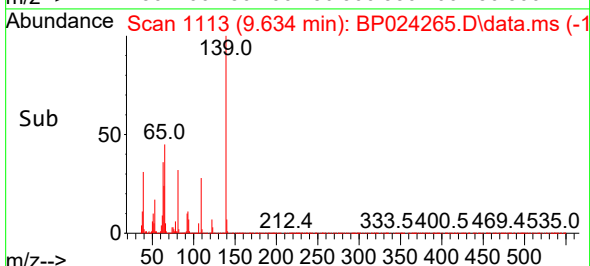
Supervised By :Jagrut Upadhyay 04/14/2025



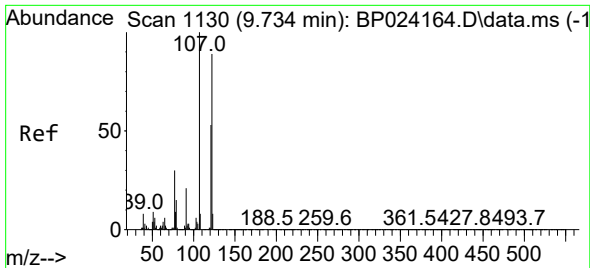
#26  
 2-Nitrophenol  
 Concen: 51.615 ng  
 RT: 9.634 min Scan# 1113  
 Delta R.T. -0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion:139 Resp: 360276  
 Ion Ratio Lower Upper  
 139 100  
 109 28.3 21.7 32.5  
 65 45.4 35.8 53.8







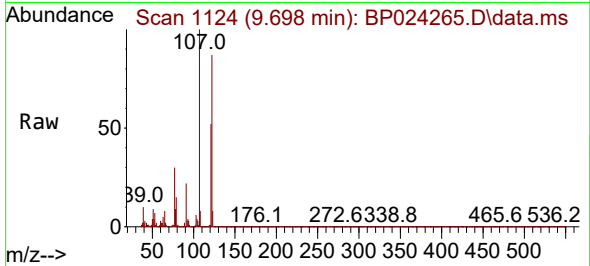
#27  
 2,4-Dimethylphenol  
 Concen: 75.842 ng  
 RT: 9.698 min Scan# 1114  
 Delta R.T. -0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



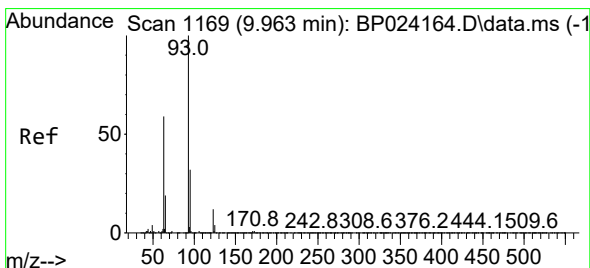
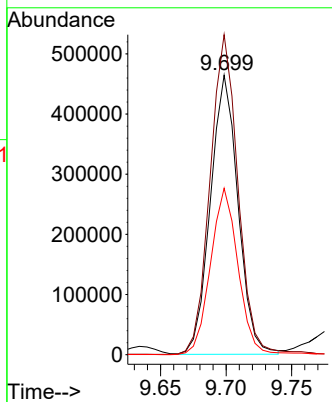
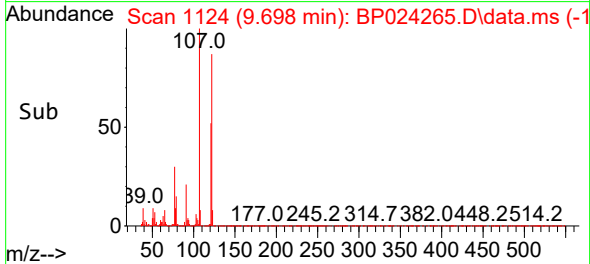
Tgt Ion:122 Resp: 680718  
 Ion Ratio Lower Upper  
 122 100  
 107 114.5 89.3 133.9  
 121 59.6 47.5 71.3

Manual Integrations

APPROVED

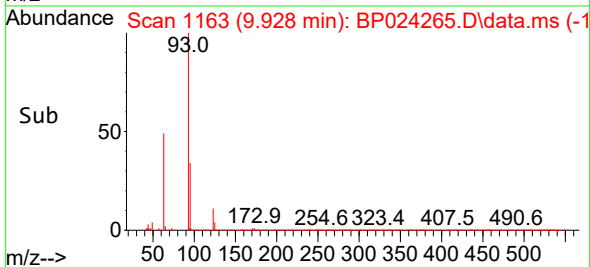
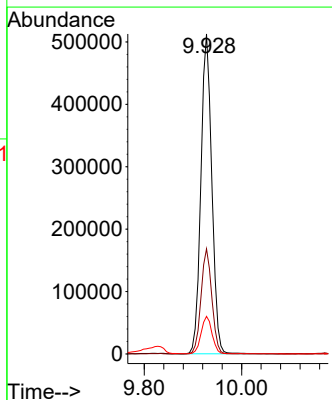
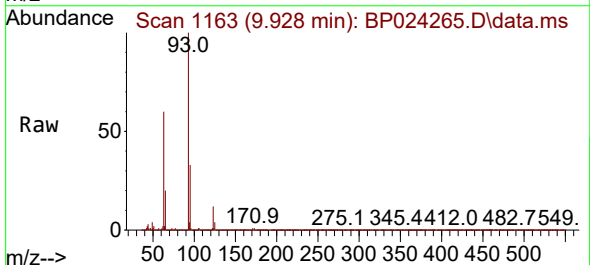
Reviewed By :Rahul Chavli 04/14/2025

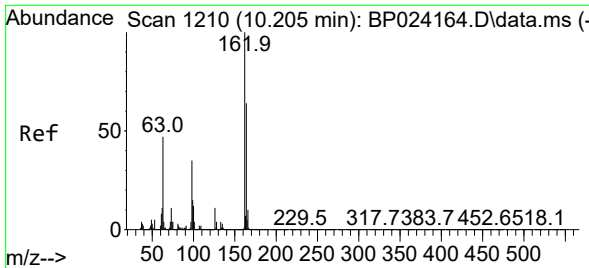
Supervised By :Jagrut Upadhyay 04/14/2025



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 44.620 ng  
 RT: 9.928 min Scan# 1163  
 Delta R.T. -0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Tgt Ion: 93 Resp: 797057  
 Ion Ratio Lower Upper  
 93 100  
 95 32.8 25.9 38.9  
 123 11.7 9.5 14.3





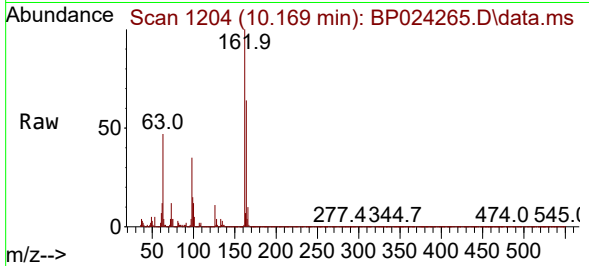
#29  
 2,4-Dichlorophenol  
 Concen: 54.631 ng  
 RT: 10.169 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

ClientSampleId :

IB-1.5-WCMS

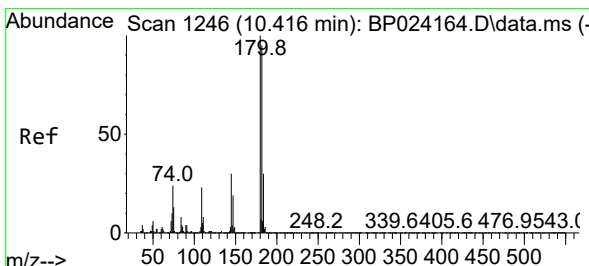
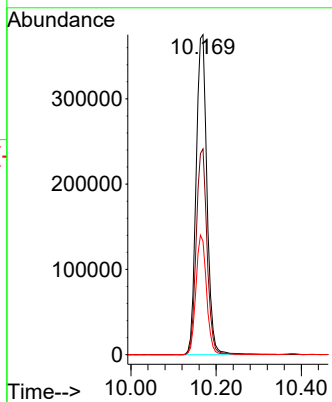
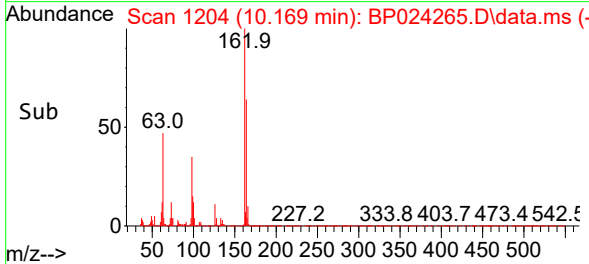


Tgt Ion:162 Resp: 663319  
 Ion Ratio Lower Upper  
 162 100  
 164 64.3 44.2 84.2  
 98 35.5 15.1 55.1

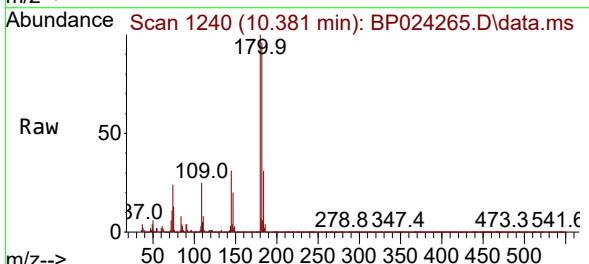
Manual Integrations

APPROVED

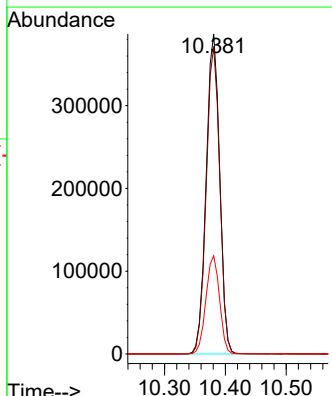
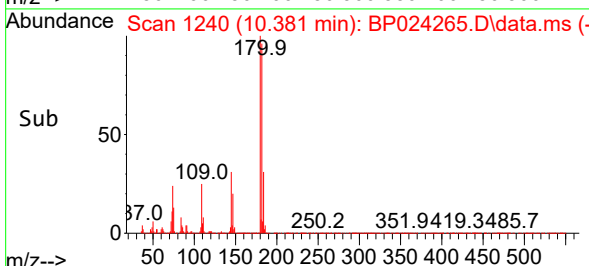
Reviewed By :Rahul Chavli 04/14/2025  
 Supervised By :Jagrut Upadhyay 04/14/2025

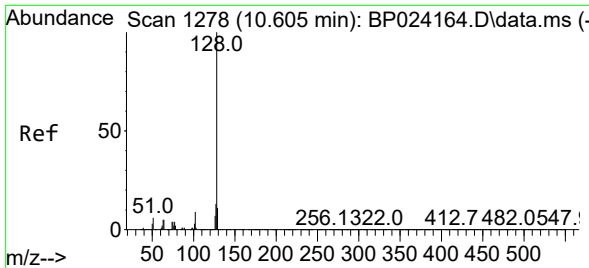


#30  
 1,2,4-Trichlorobenzene  
 Concen: 44.431 ng  
 RT: 10.381 min Scan# 1240  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion:180 Resp: 596034  
 Ion Ratio Lower Upper  
 180 100  
 182 96.0 76.1 114.1  
 145 30.7 24.2 36.2





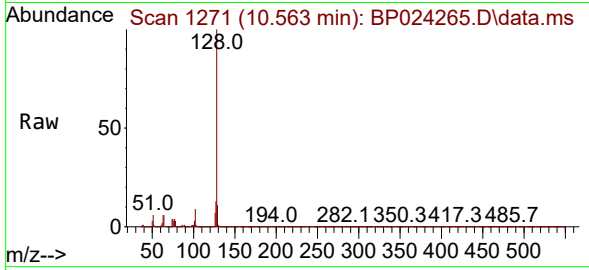
#31  
 Naphthalene  
 Concen: 45.605 ng  
 RT: 10.563 min Scan# 1147  
 Delta R.T. -0.018 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



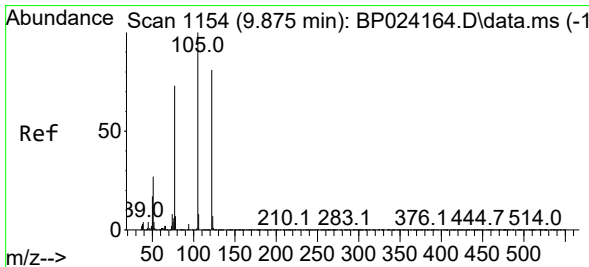
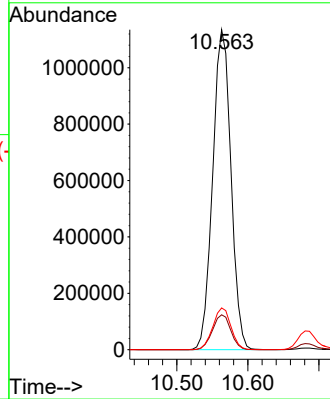
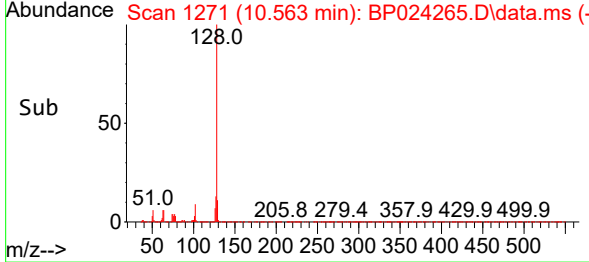
Tgt Ion:128 Resp: 2020428  
 Ion Ratio Lower Upper  
 128 100  
 129 10.9 8.7 13.1  
 127 13.0 10.4 15.6

Manual Integrations

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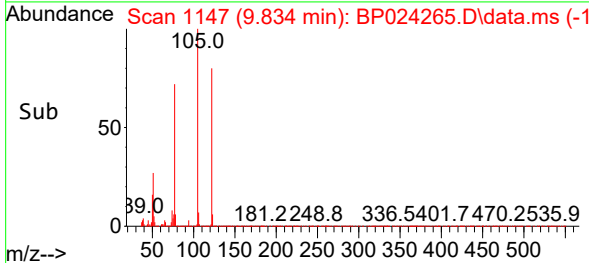
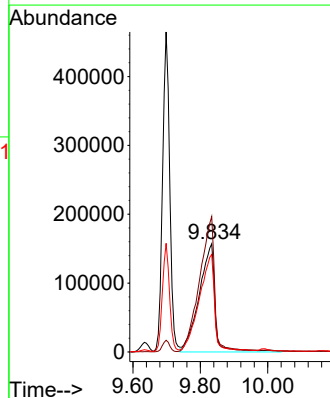
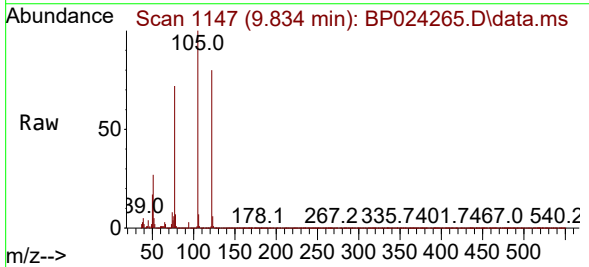
Reviewed By :Rahul Chavli 04/14/2025

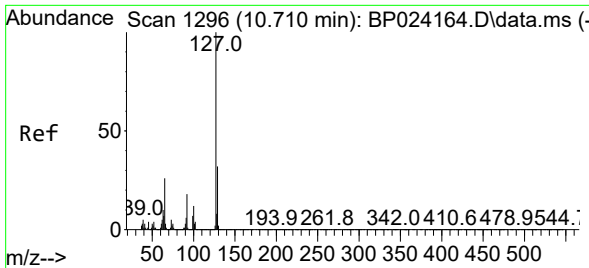
Supervised By :Jagrut Upadhyay 04/14/2025



#32  
 Benzoic acid  
 Concen: 59.210 ng m  
 RT: 9.834 min Scan# 1147  
 Delta R.T. -0.018 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Tgt Ion:122 Resp: 518295  
 Ion Ratio Lower Upper  
 122 100  
 105 125.1 100.3 140.3  
 77 90.1 69.1 109.1





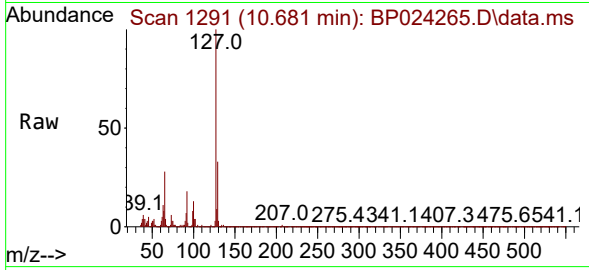
#33  
 4-Chloroaniline  
 Concen: 8.696 ng  
 RT: 10.681 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



Tgt Ion: 127 Resp: 13787

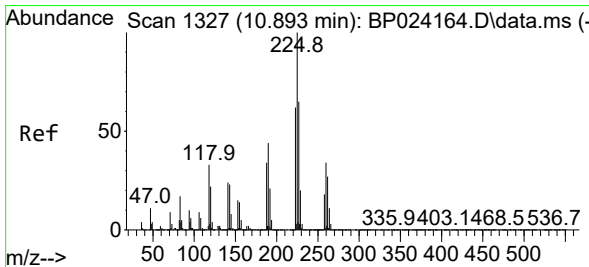
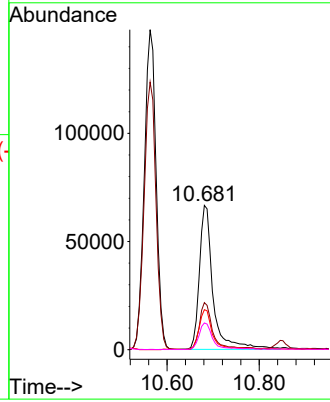
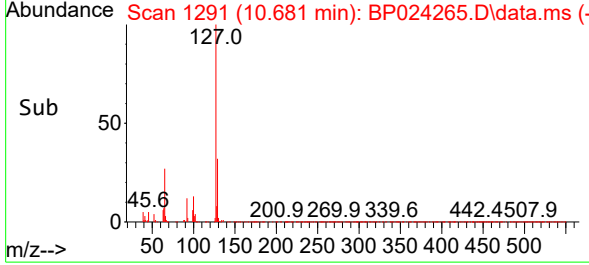
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	27.7	21.2	31.8
92	18.5	14.4	21.6

Manual Integrations

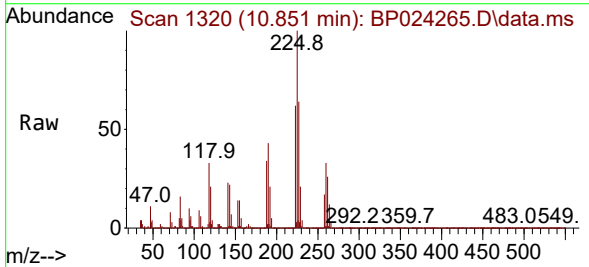
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

Supervised By :Jagrut Upadhyay 04/14/2025

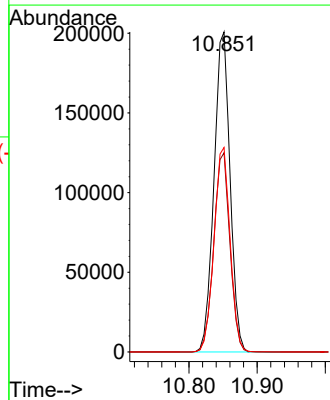
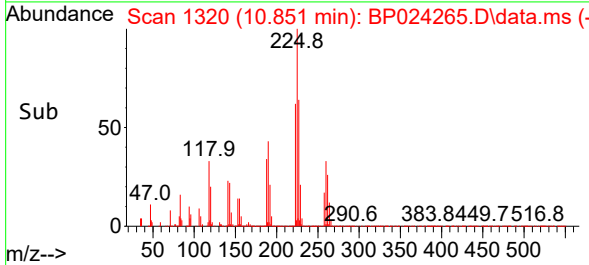


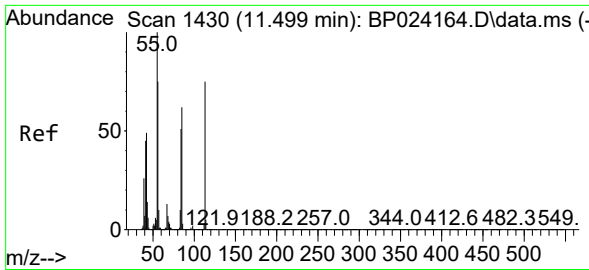
#34  
 Hexachlorobutadiene  
 Concen: 42.648 ng  
 RT: 10.851 min Scan# 1320  
 Delta R.T. -0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion: 225 Resp: 329257

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.9	74.9
227	63.9	52.2	78.2





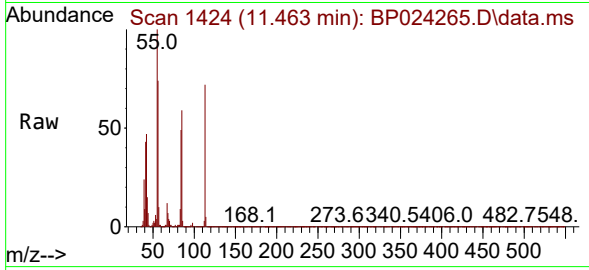
#35  
 Caprolactam  
 Concen: 63.971 ng  
 RT: 11.463 min Scan# 1430  
 Delta R.T. -0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



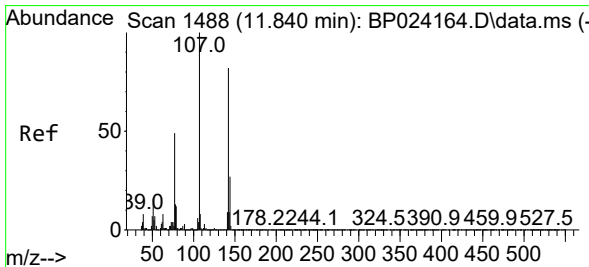
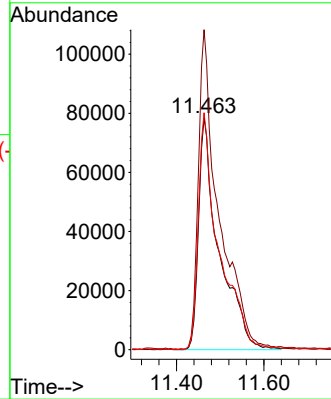
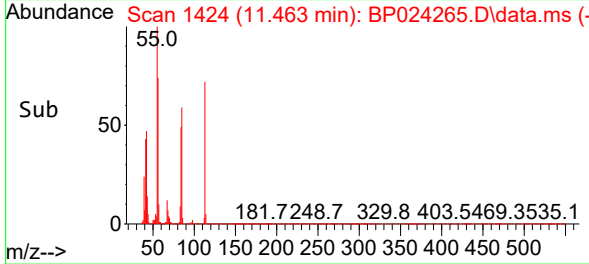
Tgt Ion:113 Resp: 25456  
 Ion Ratio Lower Upper  
 113 100  
 55 138.0 113.6 153.6  
 56 102.2 80.0 120.0

Manual Integrations

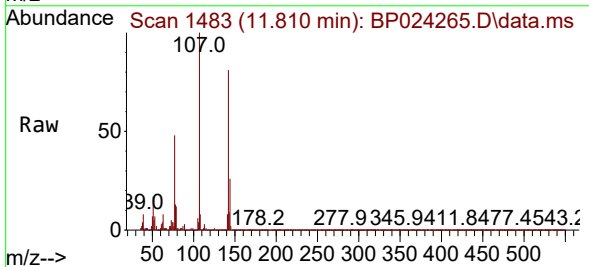
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

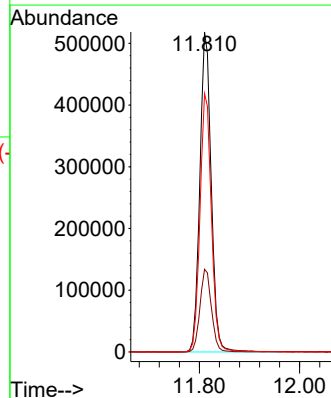
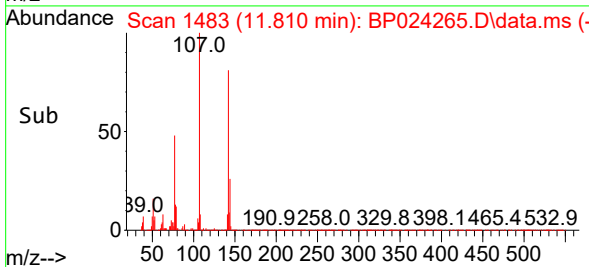
Supervised By :Jagrut Upadhyay 04/14/2025

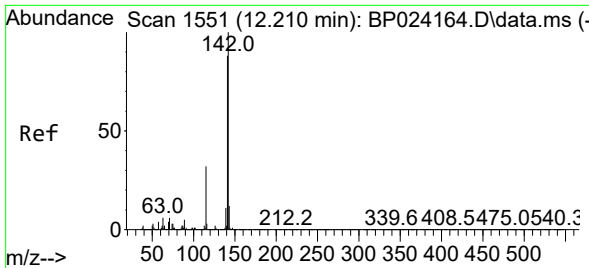


#36  
 4-Chloro-3-methylphenol  
 Concen: 62.057 ng  
 RT: 11.810 min Scan# 1483  
 Delta R.T. -0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion:107 Resp: 812838  
 Ion Ratio Lower Upper  
 107 100  
 144 25.9 21.6 32.4  
 142 80.7 65.4 98.0





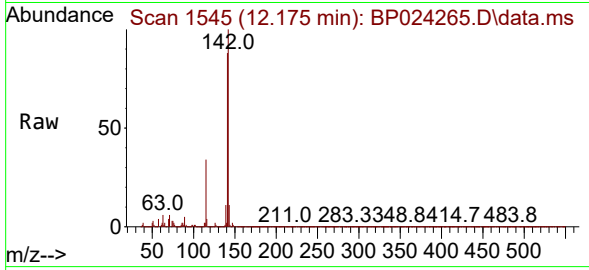
#37  
 2-Methylnaphthalene  
 Concen: 44.651 ng  
 RT: 12.175 min Scan# 1545  
 Delta R.T. -0.018 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



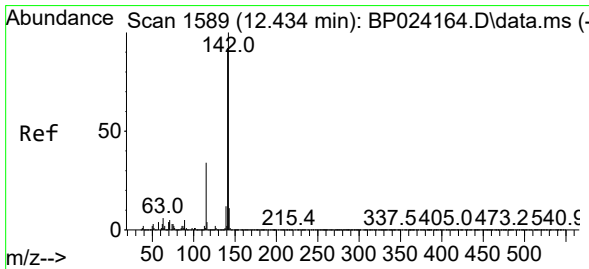
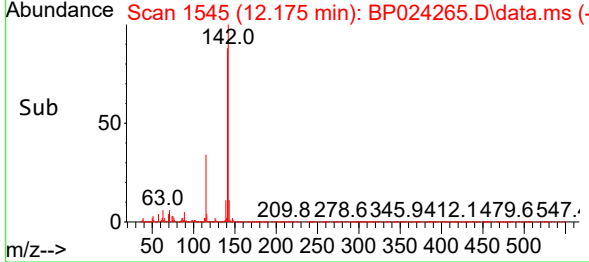
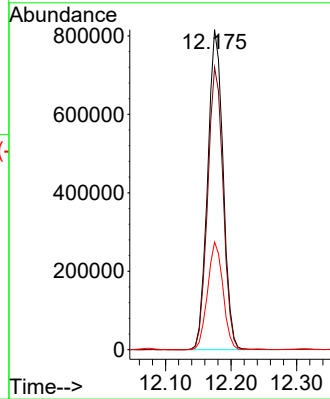
Tgt Ion:142 Resp: 1336378  
 Ion Ratio Lower Upper  
 142 100  
 141 88.2 70.3 105.5  
 115 33.6 26.0 39.0

Manual Integrations

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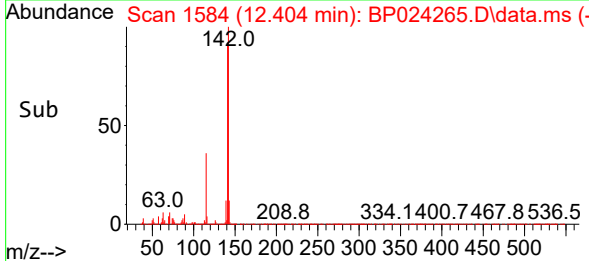
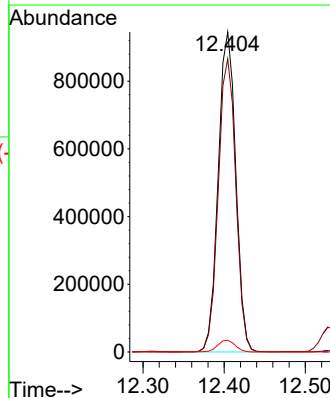
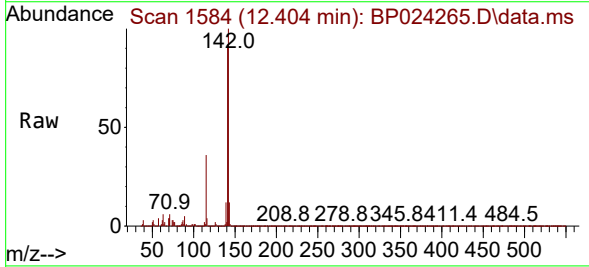
Reviewed By :Rahul Chavli 04/14/2025

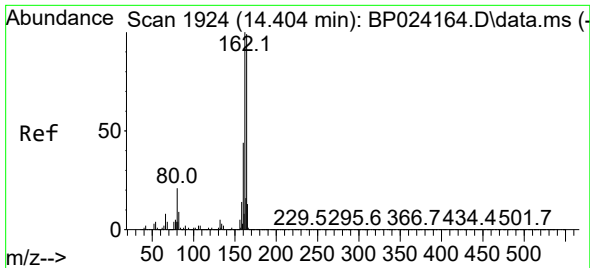
Supervised By :Jagrut Upadhyay 04/14/2025



#38  
 1-Methylnaphthalene  
 Concen: 48.823 ng  
 RT: 12.404 min Scan# 1584  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Tgt Ion:142 Resp: 1421267  
 Ion Ratio Lower Upper  
 142 100  
 141 91.6 73.9 110.9  
 116 3.7 2.8 4.2





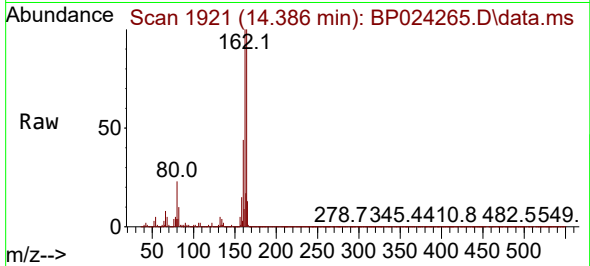
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.386 min Scan# 1609  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



Tgt Ion:164 Resp: 56662

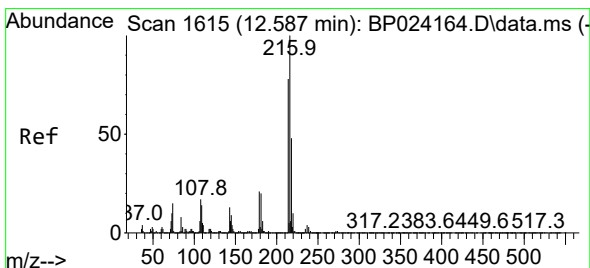
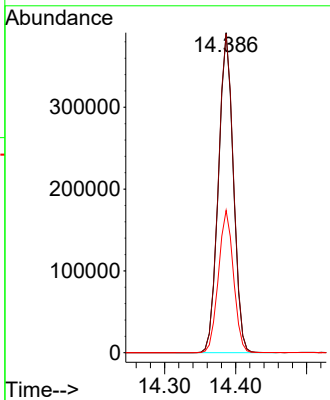
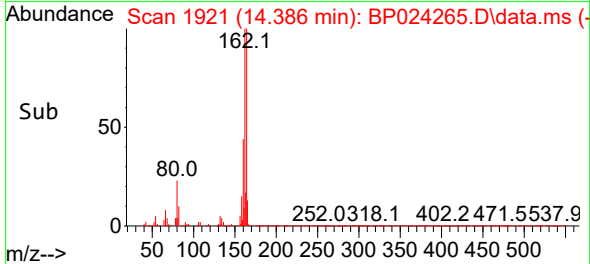
Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.6	121.0
160	44.4	35.4	53.2

Manual Integrations

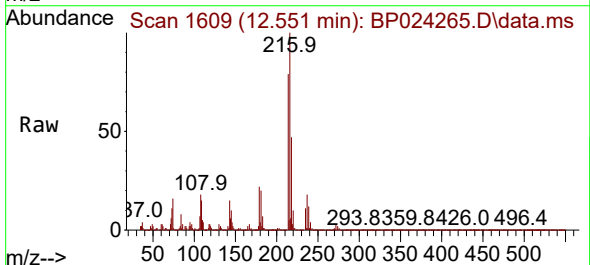
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

Supervised By :Jagrut Upadhyay 04/14/2025

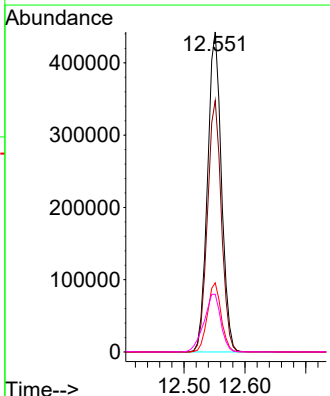
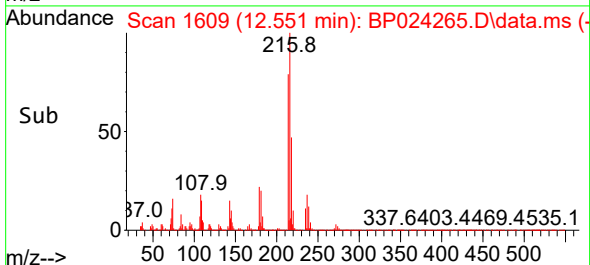


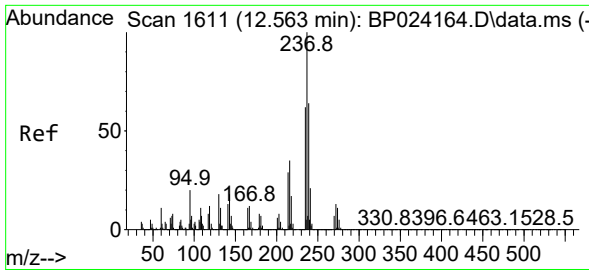
#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 42.817 ng  
 RT: 12.551 min Scan# 1609  
 Delta R.T. -0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion:216 Resp: 701326

Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.8	94.2
179	21.4	16.8	25.2
108	21.8	14.7	22.1





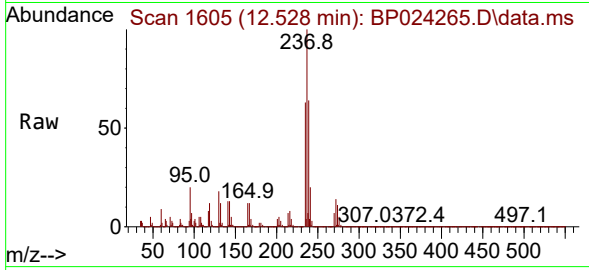
#41  
 Hexachlorocyclopentadiene  
 Concen: 154.174 ng  
 RT: 12.528 min Scan# 10  
 Delta R.T. -0.018 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



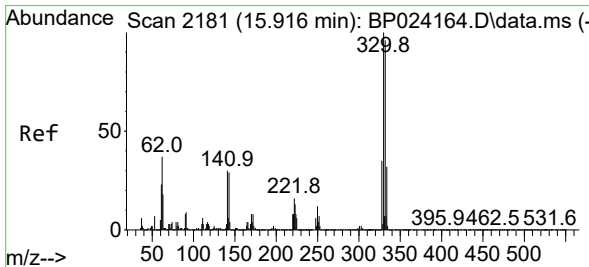
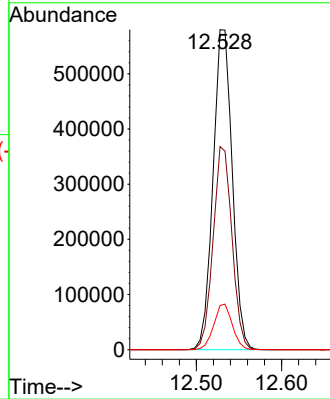
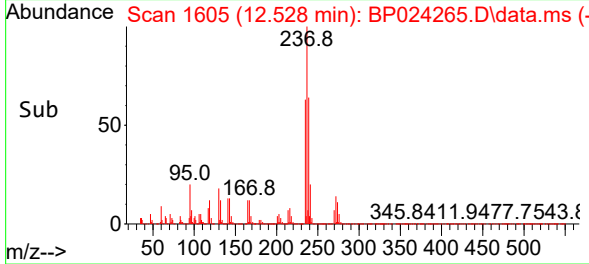
Tgt Ion:237 Resp: 910279  
 Ion Ratio Lower Upper  
 237 100  
 235 63.5 41.8 81.8  
 272 13.8 0.0 33.5

Manual Integrations

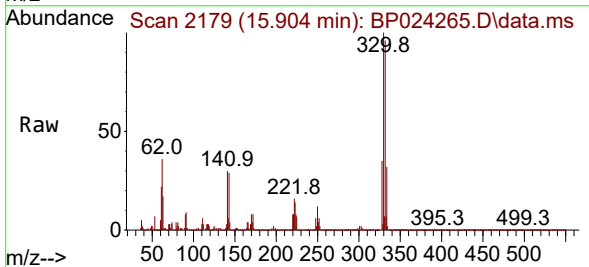
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

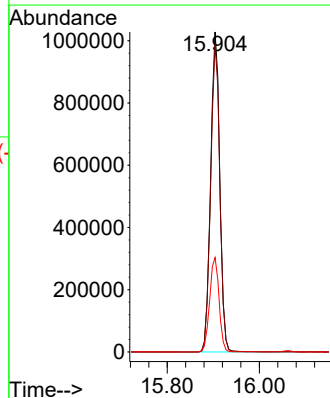
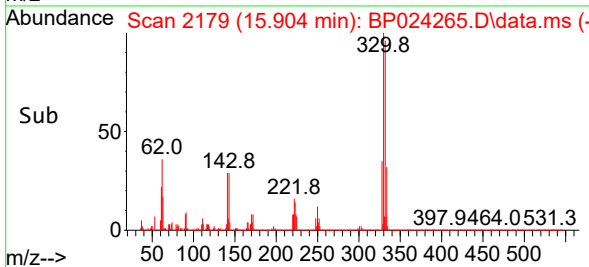
Supervised By :Jagrut Upadhyay 04/14/2025



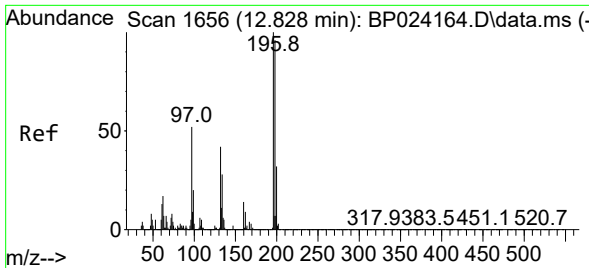
#42  
 2,4,6-Tribromophenol  
 Concen: 199.424 ng  
 RT: 15.904 min Scan# 2179  
 Delta R.T. 0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion:330 Resp: 1423364  
 Ion Ratio Lower Upper  
 330 100  
 332 96.3 77.6 116.4  
 141 30.4 25.0 37.6







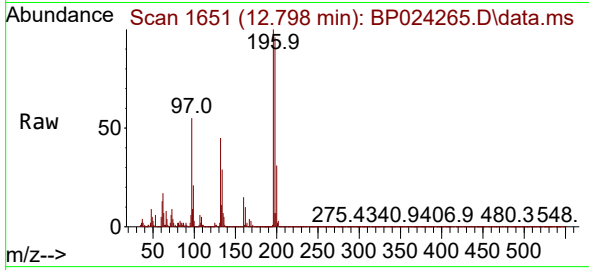
#43  
 2,4,6-Trichlorophenol  
 Concen: 52.633 ng  
 RT: 12.798 min Scan# 1651  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

ClientSampleId :

IB-1.5-WCMS



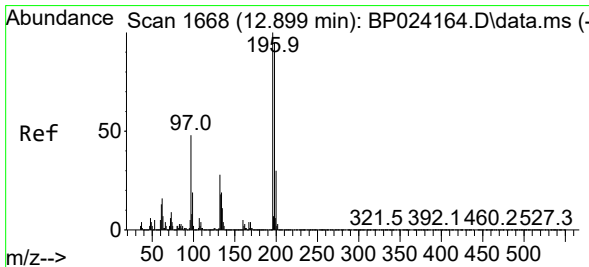
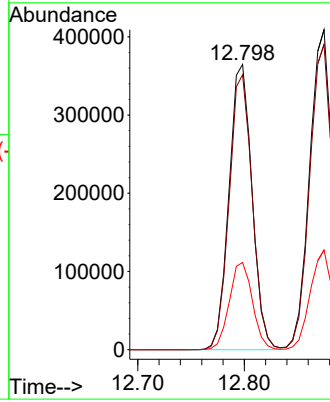
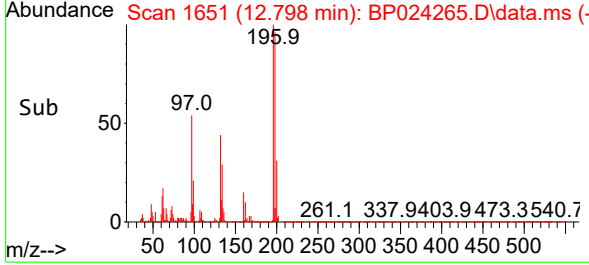
Tgt Ion:196 Resp: 54788  
 Ion Ratio Lower Upper  
 196 100  
 198 96.4 76.6 115.0  
 200 30.6 25.4 38.0

Manual Integrations

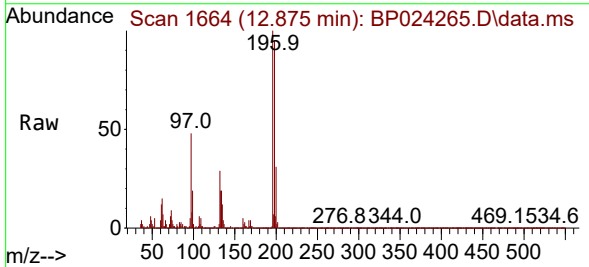
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

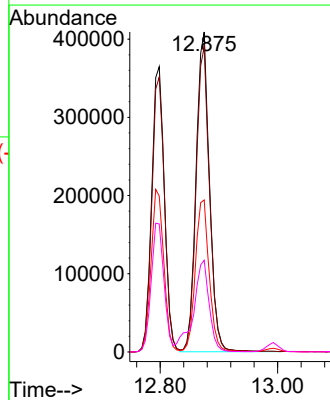
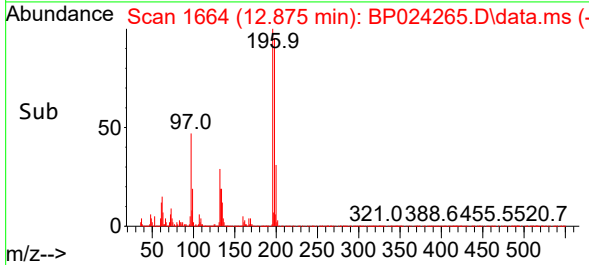
Supervised By :Jagrut Upadhyay 04/14/2025

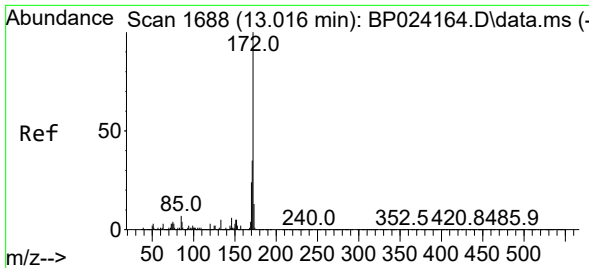


#44  
 2,4,5-Trichlorophenol  
 Concen: 56.911 ng  
 RT: 12.875 min Scan# 1664  
 Delta R.T. -0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion:196 Resp: 649678  
 Ion Ratio Lower Upper  
 196 100  
 198 95.4 76.5 114.7  
 97 47.5 38.7 58.1  
 132 28.7 22.2 33.2





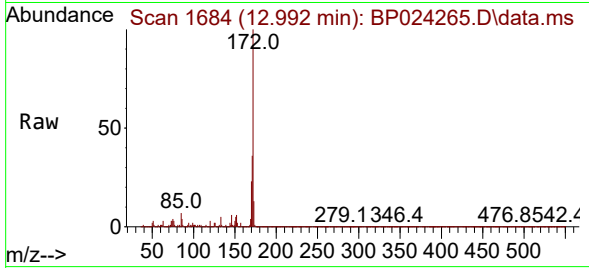
#45  
 2-Fluorobiphenyl  
 Concen: 95.414 ng  
 RT: 12.992 min Scan# 1719  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



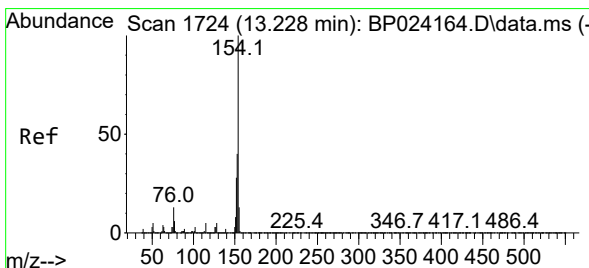
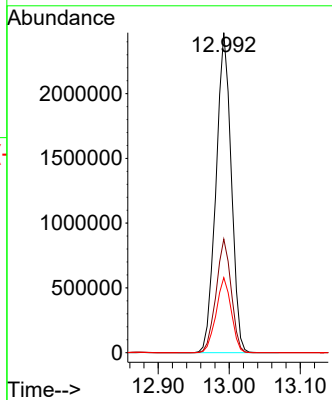
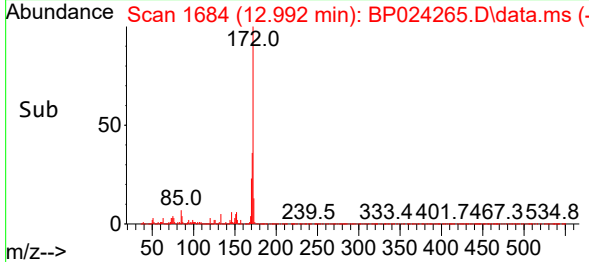
Tgt Ion:172 Resp: 3666524  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 28.3 42.5  
 170 23.4 19.0 28.4

Manual Integrations

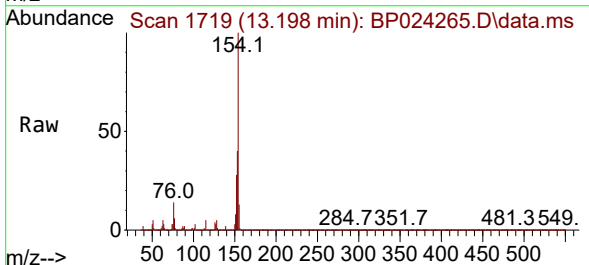
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

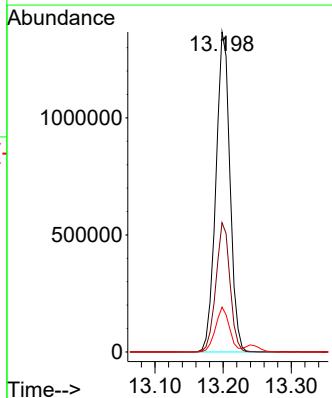
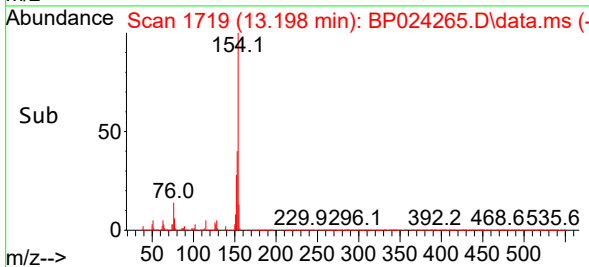
Supervised By :Jagrut Upadhyay 04/14/2025

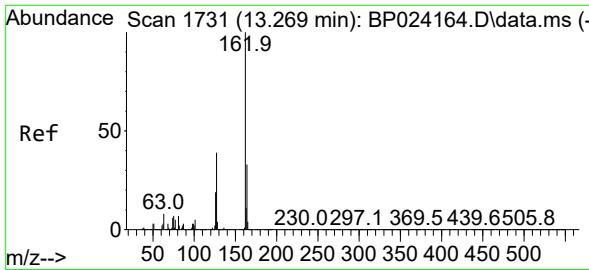


#46  
 1,1'-Biphenyl  
 Concen: 46.165 ng  
 RT: 13.198 min Scan# 1719  
 Delta R.T. -0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion:154 Resp: 1965684  
 Ion Ratio Lower Upper  
 154 100  
 153 40.4 20.3 60.3  
 76 14.0 0.0 32.9





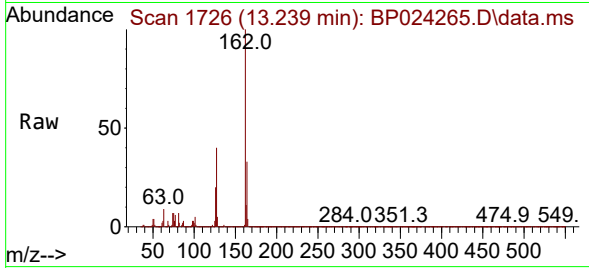
#47  
 2-Chloronaphthalene  
 Concen: 47.395 ng  
 RT: 13.239 min Scan# 1726  
 Delta R.T. -0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



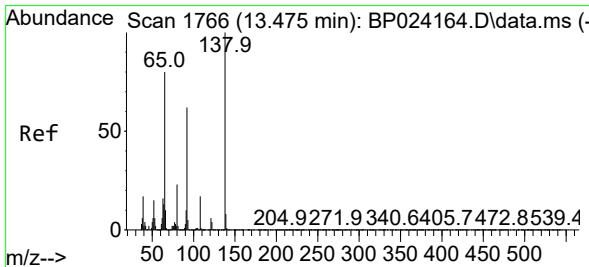
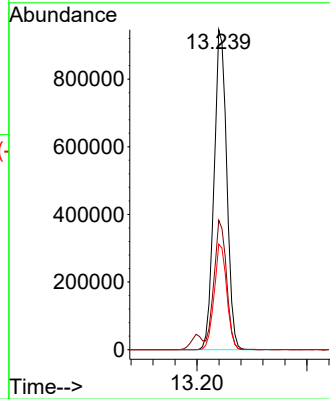
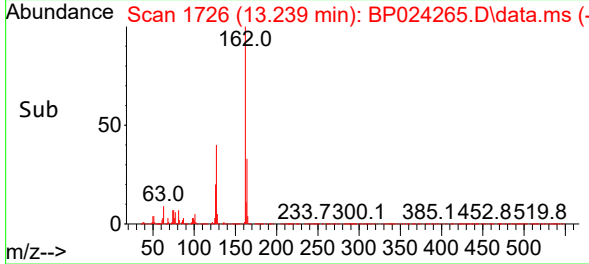
Tgt Ion: 162 Resp: 1517908  
 Ion Ratio Lower Upper  
 162 100  
 127 40.5 31.5 47.3  
 164 32.9 26.6 39.8

Manual Integrations

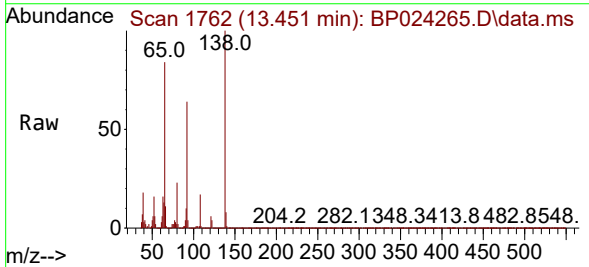
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

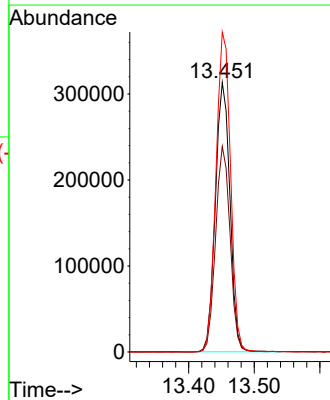
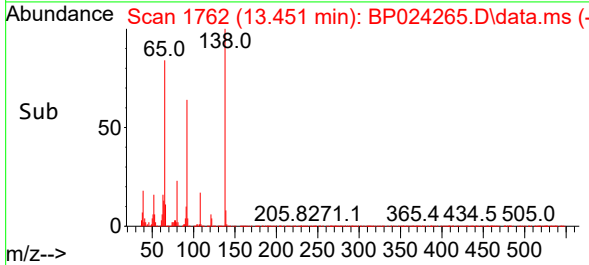
Supervised By :Jagrut Upadhyay 04/14/2025

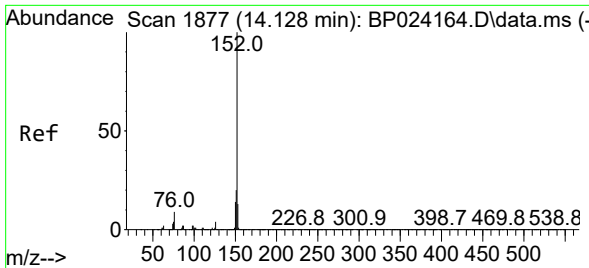


#48  
 2-Nitroaniline  
 Concen: 58.918 ng  
 RT: 13.451 min Scan# 1762  
 Delta R.T. -0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion: 65 Resp: 482628  
 Ion Ratio Lower Upper  
 65 100  
 92 76.3 62.1 93.1  
 138 118.8 99.5 149.3





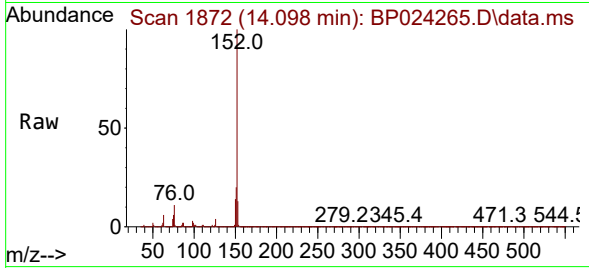
#49  
 Acenaphthylene  
 Concen: 54.145 ng  
 RT: 14.098 min Scan# 1872  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



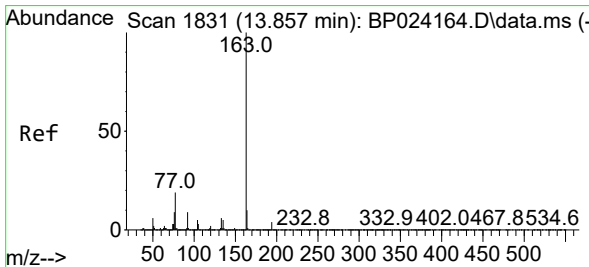
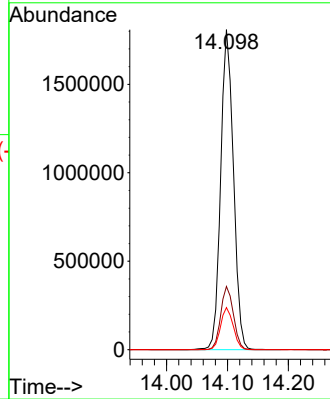
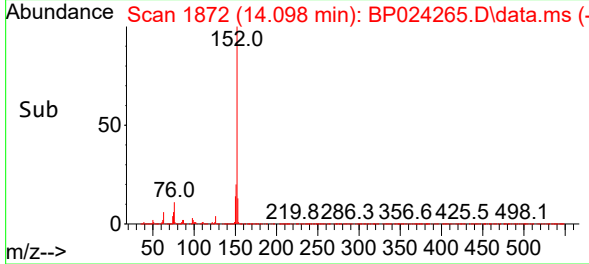
Tgt Ion:152 Resp: 2623879  
 Ion Ratio Lower Upper  
 152 100  
 151 19.8 16.0 24.0  
 153 13.2 10.6 15.8

Manual Integrations

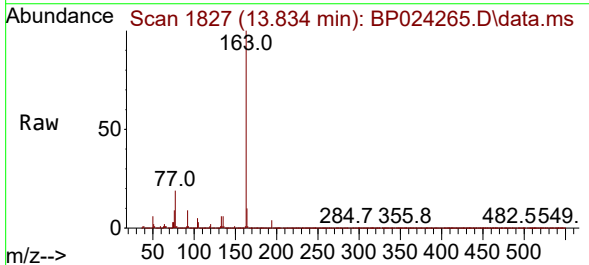
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

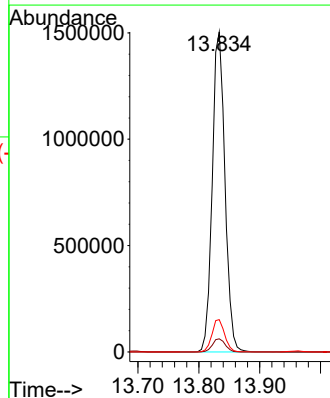
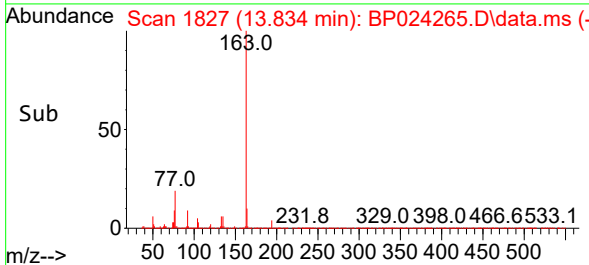
Supervised By :Jagrut Upadhyay 04/14/2025

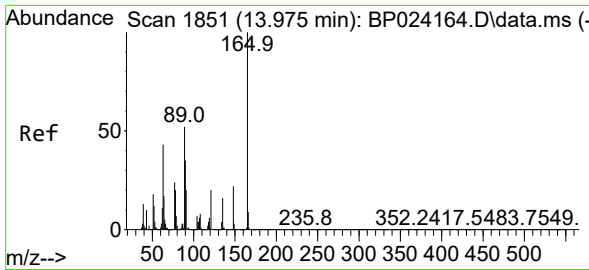


#50  
 Dimethylphthalate  
 Concen: 54.816 ng  
 RT: 13.834 min Scan# 1827  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion:163 Resp: 2173322  
 Ion Ratio Lower Upper  
 163 100  
 194 4.1 3.4 5.0  
 164 10.1 8.2 12.4





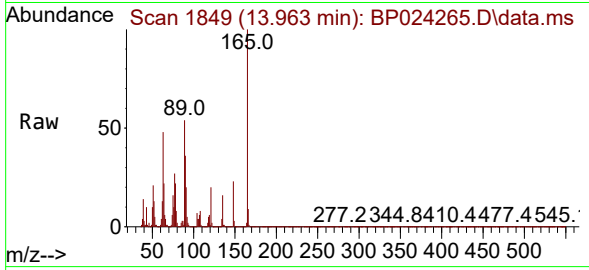
#51  
 2,6-Dinitrotoluene  
 Concen: 58.265 ng  
 RT: 13.963 min Scan# 1851  
 Delta R.T. 0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



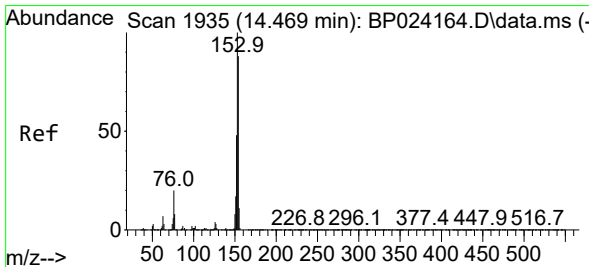
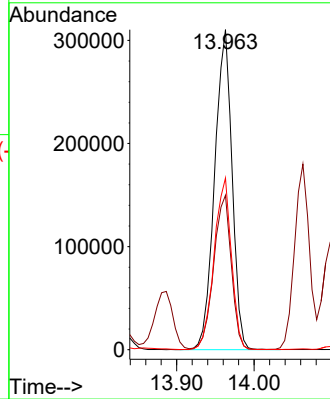
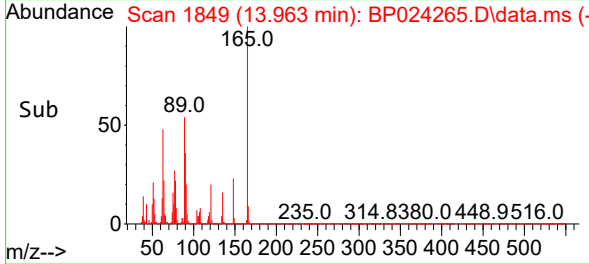
Tgt Ion:165 Resp: 48605  
 Ion Ratio Lower Upper  
 165 100  
 63 48.2 37.7 56.5  
 89 53.6 41.9 62.9

Manual Integrations

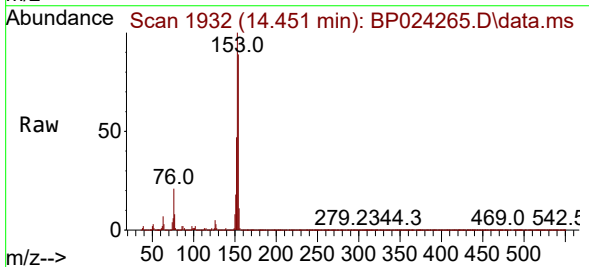
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

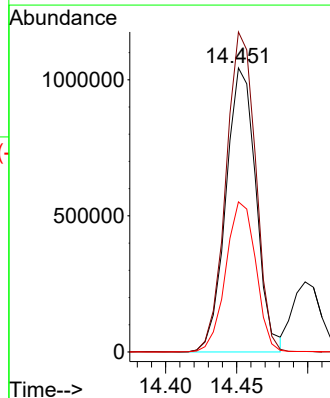
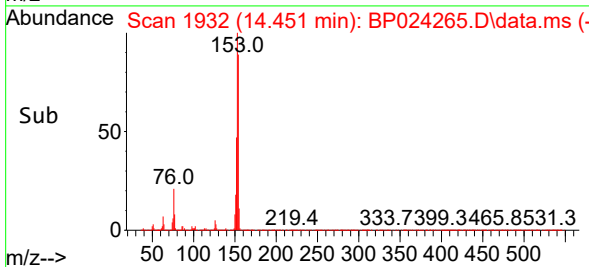
Supervised By :Jagrut Upadhyay 04/14/2025

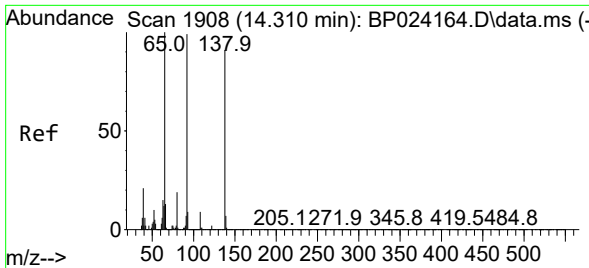


#52  
 Acenaphthene  
 Concen: 49.719 ng  
 RT: 14.451 min Scan# 1932  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion:154 Resp: 1539419  
 Ion Ratio Lower Upper  
 154 100  
 153 112.7 90.5 135.7  
 152 52.8 43.1 64.7





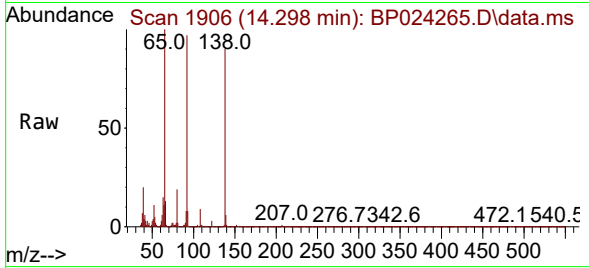
#53  
 3-Nitroaniline  
 Concen: 17.004 ng  
 RT: 14.298 min Scan# 1906  
 Delta R.T. 0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



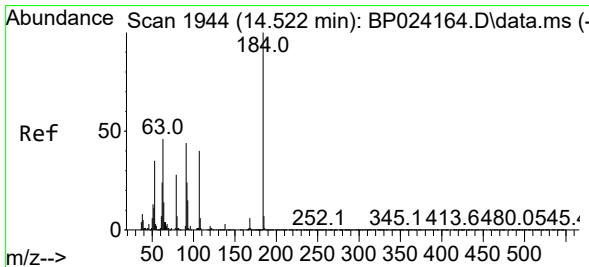
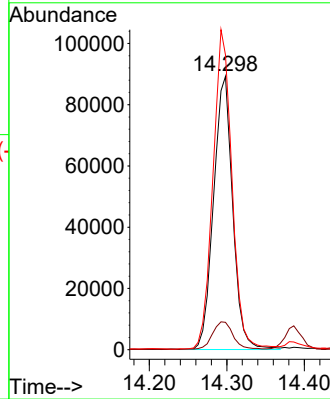
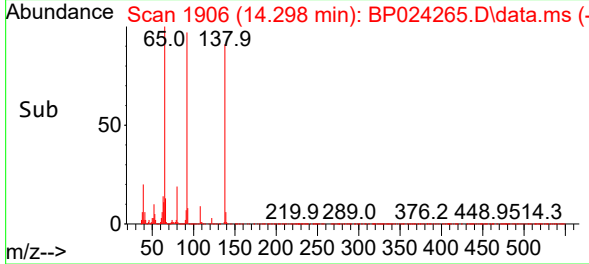
Tgt Ion:138 Resp: 153208  
 Ion Ratio Lower Upper  
 138 100  
 108 10.0 8.2 12.2  
 92 107.8 86.7 130.1

Manual Integrations

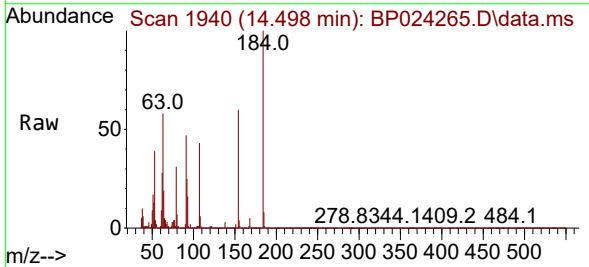
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

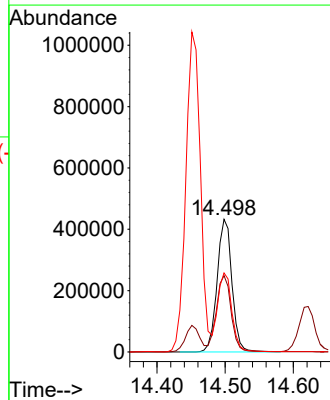
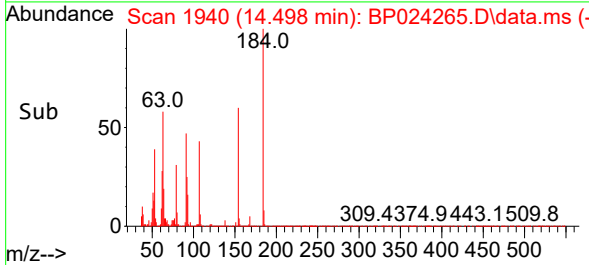
Supervised By :Jagrut Upadhyay 04/14/2025

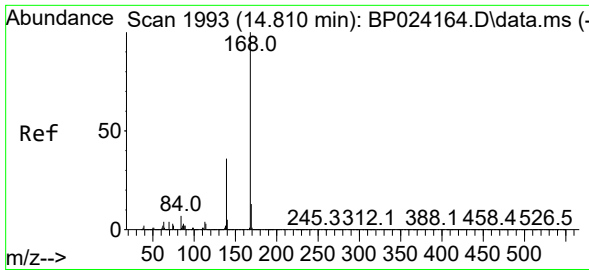


#54  
 2,4-Dinitrophenol  
 Concen: 148.841 ng  
 RT: 14.498 min Scan# 1940  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion:184 Resp: 656992  
 Ion Ratio Lower Upper  
 184 100  
 63 57.6 42.1 63.1  
 154 59.6 44.6 67.0





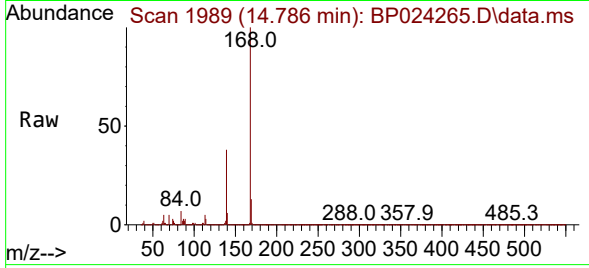
#55  
 Dibenzofuran  
 Concen: 49.120 ng  
 RT: 14.786 min Scan# 1989  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



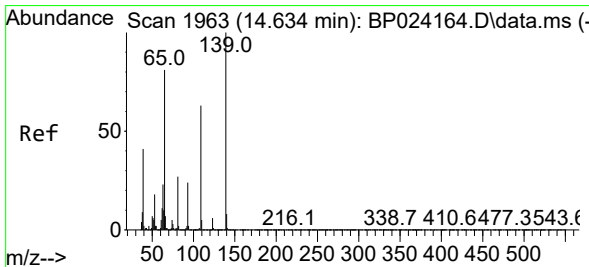
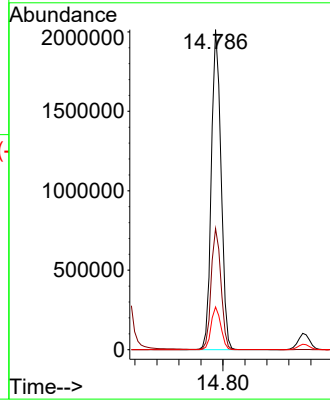
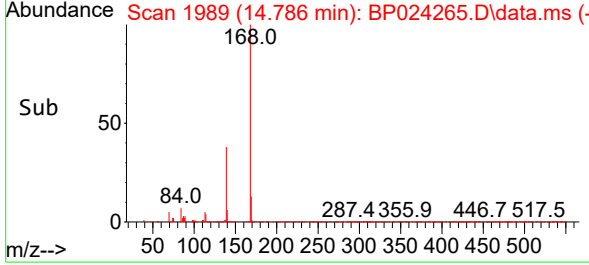
Tgt Ion:168 Resp: 2463534  
 Ion Ratio Lower Upper  
 168 100  
 139 37.9 29.1 43.7  
 169 13.4 10.8 16.2

Manual Integrations

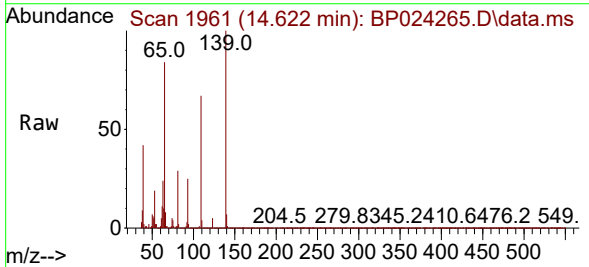
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

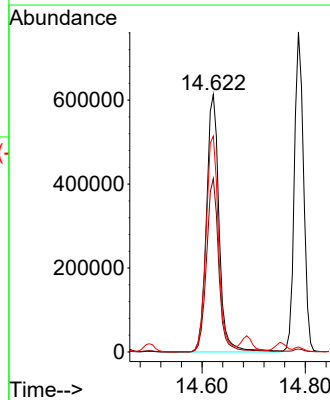
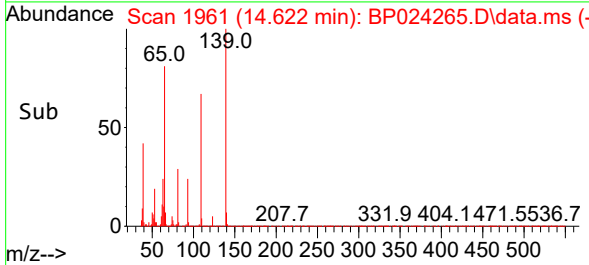
Supervised By :Jagrut Upadhyay 04/14/2025

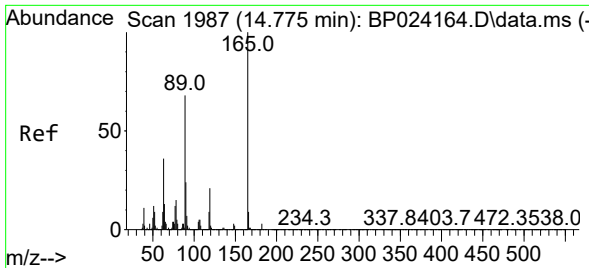


#56  
 4-Nitrophenol  
 Concen: 137.823 ng  
 RT: 14.622 min Scan# 1961  
 Delta R.T. 0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion:139 Resp: 1037606  
 Ion Ratio Lower Upper  
 139 100  
 109 67.3 43.3 83.3  
 65 83.8 61.2 101.2





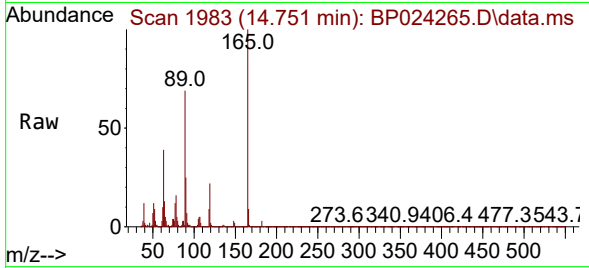
#57  
 2,4-Dinitrotoluene  
 Concen: 65.632 ng  
 RT: 14.751 min Scan# 1983  
 Delta R.T. -0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

ClientSampleId :

IB-1.5-WCMS



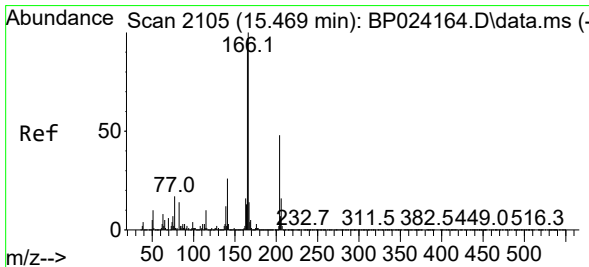
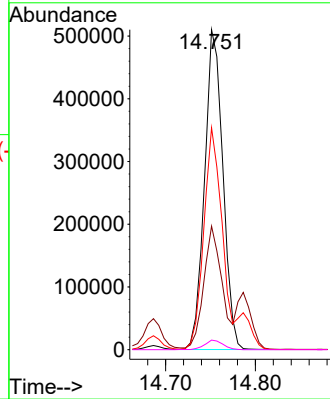
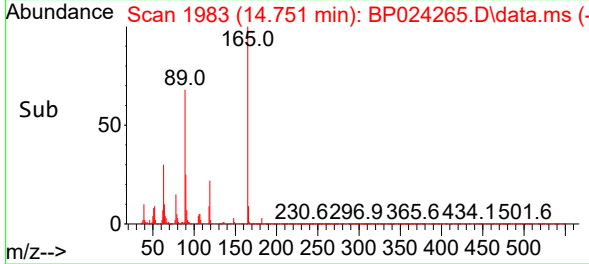
Tgt Ion:165 Resp: 723204  
 Ion Ratio Lower Upper  
 165 100  
 63 38.6 29.0 43.6  
 89 69.4 54.2 81.4  
 182 3.0 2.3 3.5

Manual Integrations

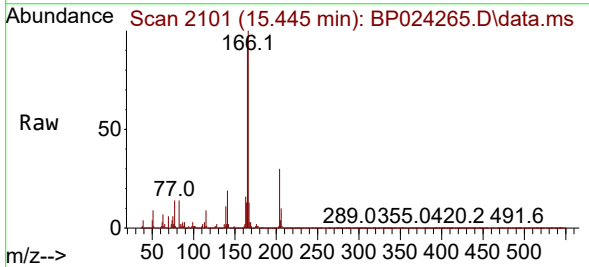
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

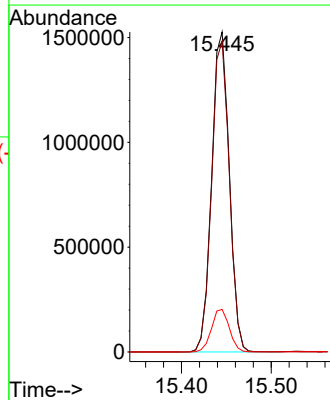
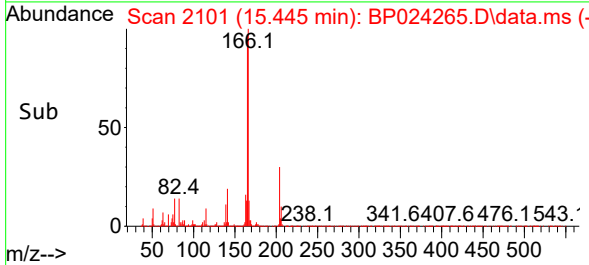
Supervised By :Jagrut Upadhyay 04/14/2025



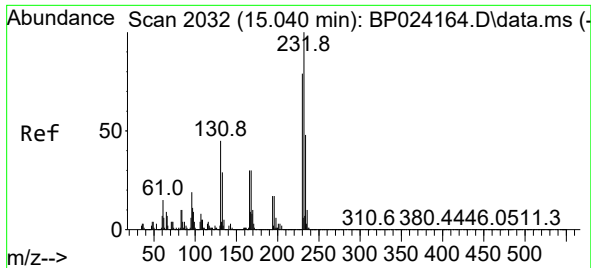
#58  
 Fluorene  
 Concen: 53.321 ng  
 RT: 15.445 min Scan# 2101  
 Delta R.T. -0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion:166 Resp: 2083618  
 Ion Ratio Lower Upper  
 166 100  
 165 97.1 77.6 116.4  
 167 13.3 10.8 16.2







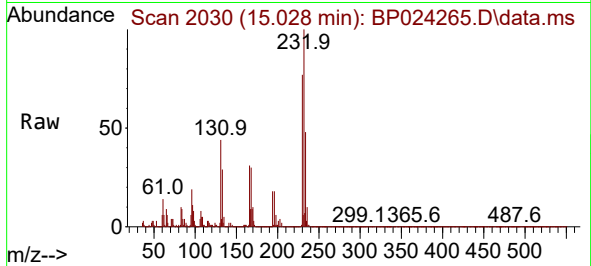
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 57.955 ng  
 RT: 15.028 min Scan# 2030  
 Delta R.T. 0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



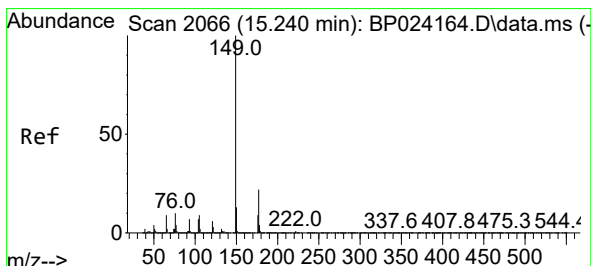
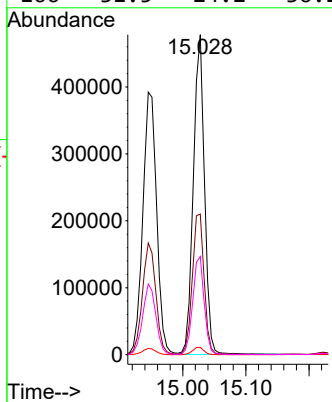
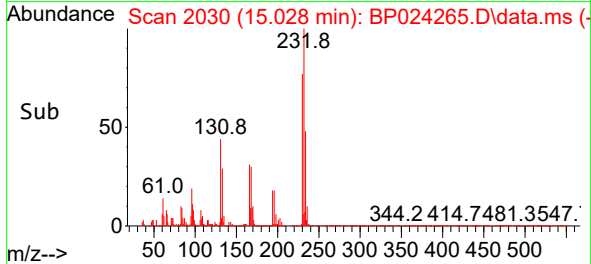
Tgt Ion: 232 Resp: 584528  
 Ion Ratio Lower Upper  
 232 100  
 131 46.3 35.9 53.9  
 130 2.4 1.8 2.6  
 166 31.5 24.2 36.2

Manual Integrations

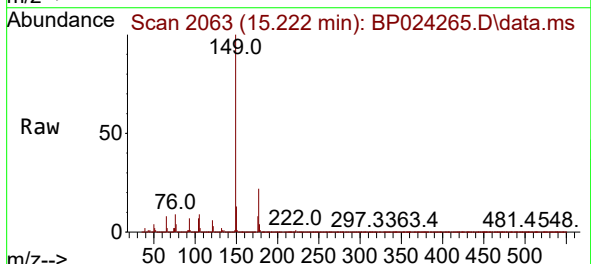
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

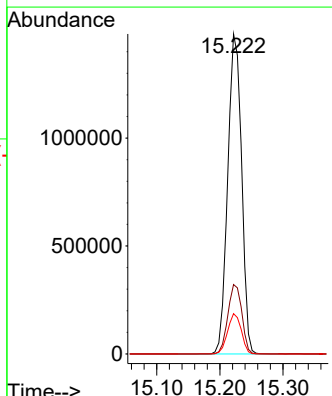
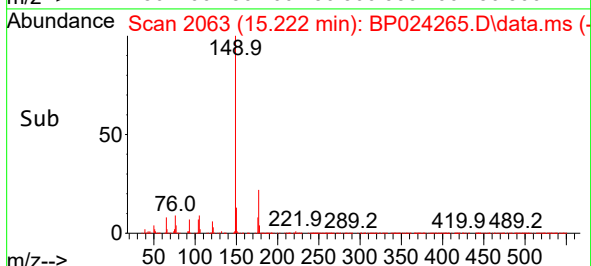
Supervised By :Jagrut Upadhyay 04/14/2025

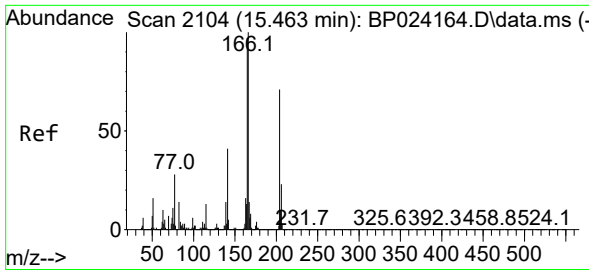


#60  
 Diethylphthalate  
 Concen: 57.082 ng  
 RT: 15.222 min Scan# 2063  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion: 149 Resp: 2253741  
 Ion Ratio Lower Upper  
 149 100  
 177 21.7 17.7 26.5  
 150 12.6 10.2 15.4





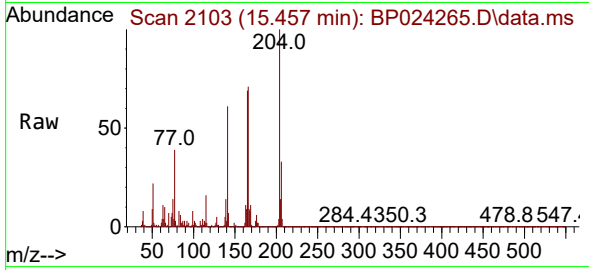
#61  
 4-Chlorophenyl-phenylether  
 Concen: 51.110 ng  
 RT: 15.457 min Scan# 2103  
 Delta R.T. 0.000 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

ClientSampleId :

IB-1.5-WCMS



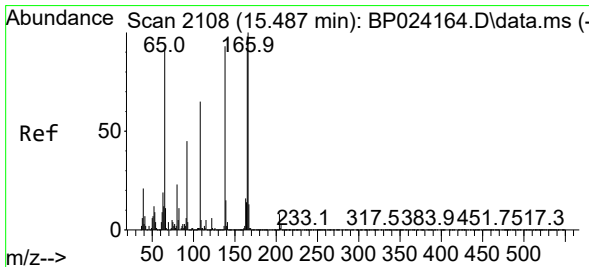
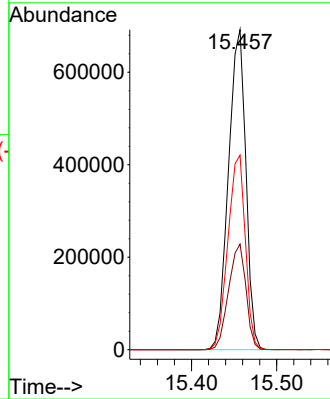
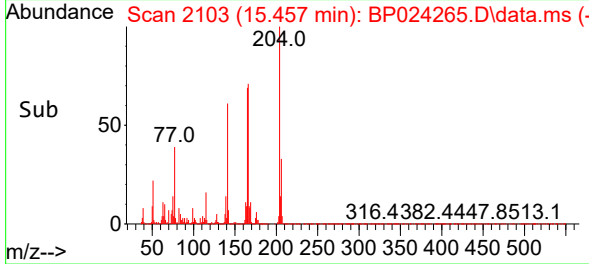
Tgt Ion:204 Resp: 979569  
 Ion Ratio Lower Upper  
 204 100  
 206 33.0 26.4 39.6  
 141 60.8 45.8 68.8

Manual Integrations

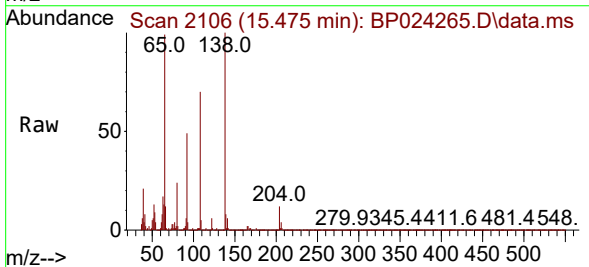
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

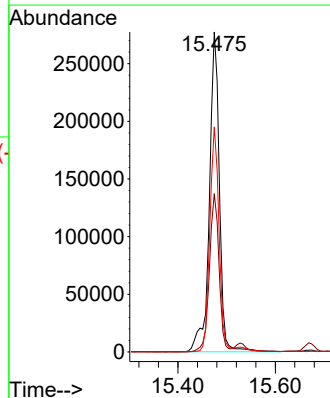
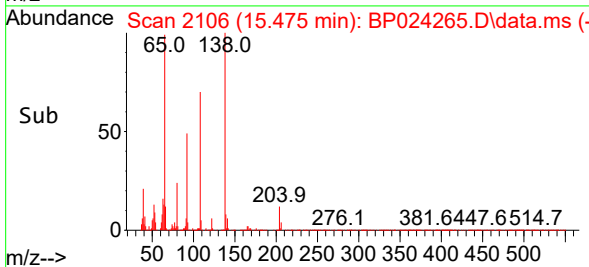
Supervised By :Jagrut Upadhyay 04/14/2025

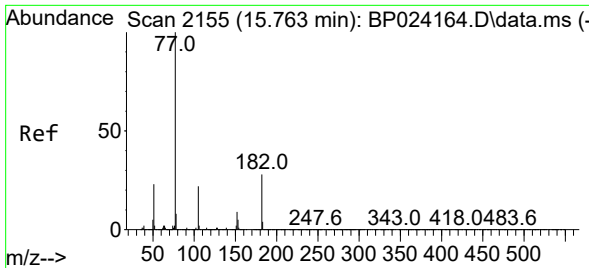


#62  
 4-Nitroaniline  
 Concen: 41.929 ng  
 RT: 15.475 min Scan# 2106  
 Delta R.T. 0.000 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



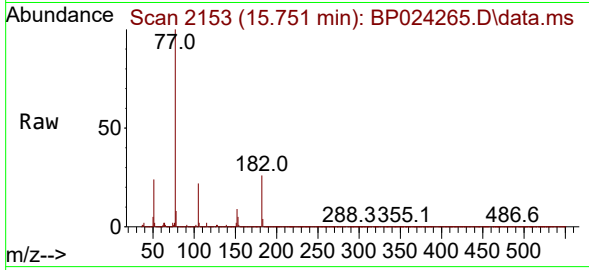
Tgt Ion:138 Resp: 396219  
 Ion Ratio Lower Upper  
 138 100  
 92 49.4 28.7 68.7  
 108 70.4 49.5 89.5





#63  
 Azobenzene  
 Concen: 53.399 ng  
 RT: 15.751 min Scan# 2153  
 Delta R.T. 0.000 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument : BNA\_P  
 Client Sample Id : IB-1.5-WCMS

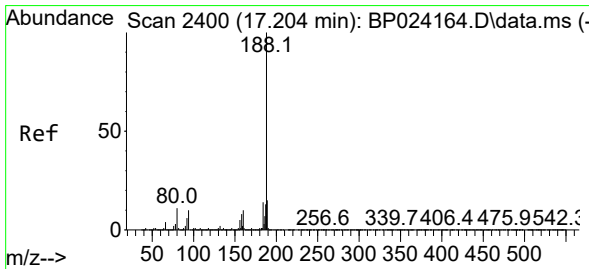
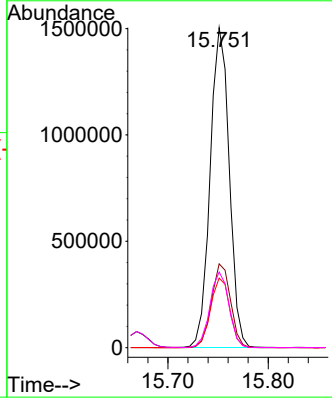
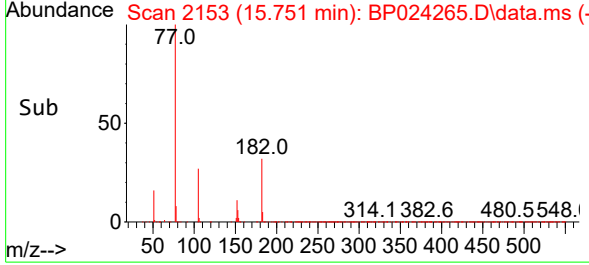


Tgt Ion: 77 Resp: 198717

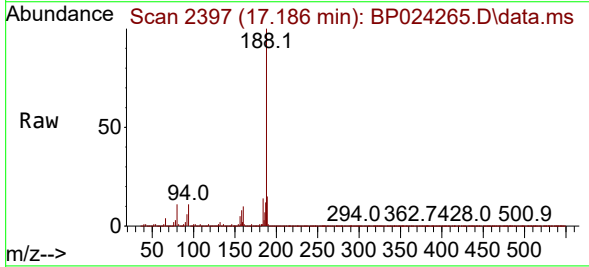
Ion	Ratio	Lower	Upper
77	100		
182	26.2	7.7	47.7
105	21.8	2.3	42.3
51	23.7	3.2	43.2

Manual Integrations  
**APPROVED**

Reviewed By :Rahul Chavli 04/14/2025  
 Supervised By :Jagrut Upadhyay 04/14/2025

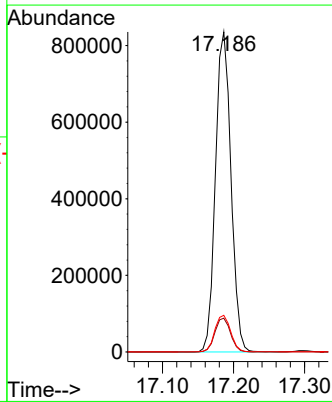
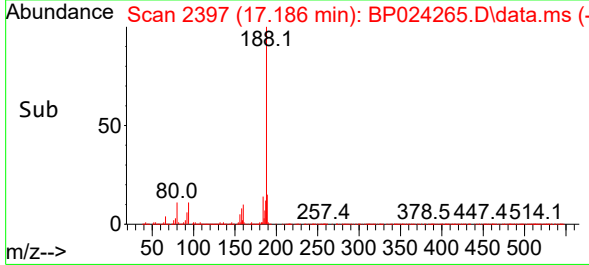


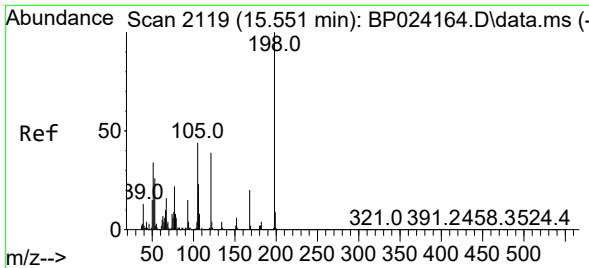
#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.186 min Scan# 2397  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion:188 Resp: 1260548

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.1	12.1
80	11.5	8.9	13.3





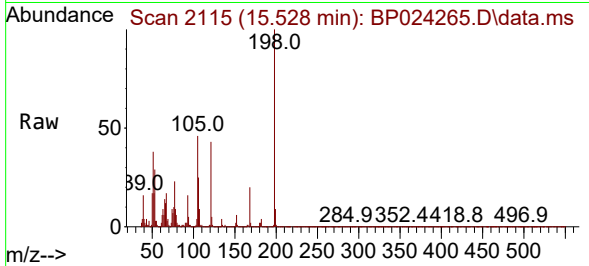
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 55.897 ng  
 RT: 15.528 min Scan# 2115  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

ClientSampleId :

IB-1.5-WCMS



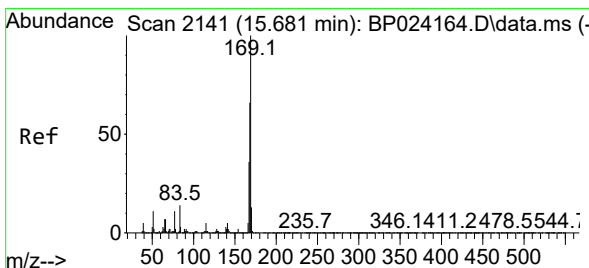
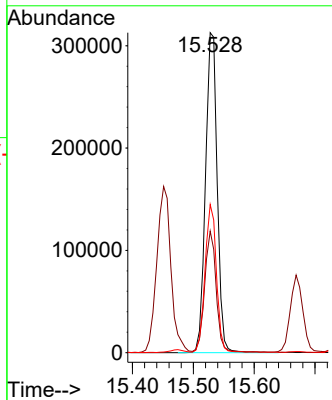
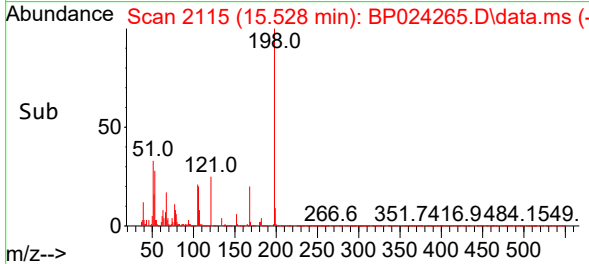
Tgt Ion:198 Resp: 41830  
 Ion Ratio Lower Upper  
 198 100  
 51 38.0 14.7 54.7  
 105 46.3 23.8 63.8

Manual Integrations

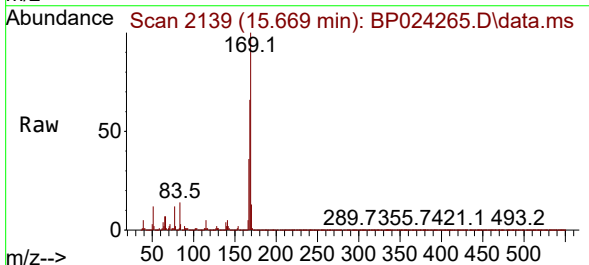
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

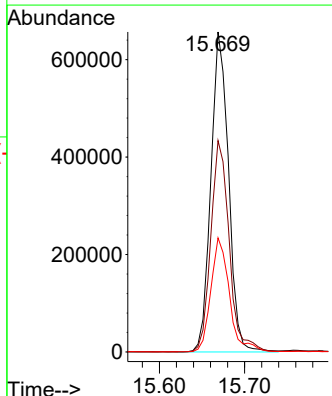
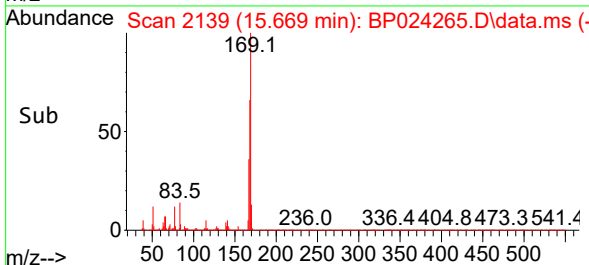
Supervised By :Jagrut Upadhyay 04/14/2025

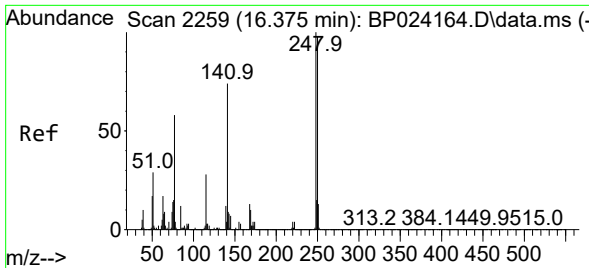


#66  
 n-Nitrosodiphenylamine  
 Concen: 24.638 ng  
 RT: 15.669 min Scan# 2139  
 Delta R.T. 0.000 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion:169 Resp: 943117  
 Ion Ratio Lower Upper  
 169 100  
 168 66.0 52.9 79.3  
 167 35.6 28.8 43.2





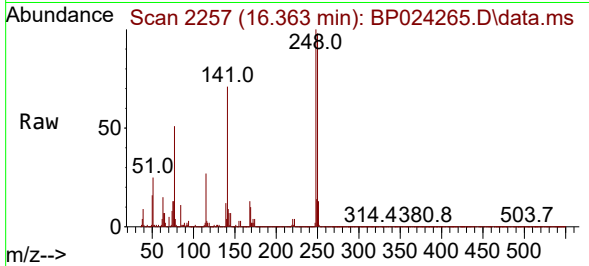
#67  
 4-Bromophenyl-phenylether  
 Concen: 47.621 ng  
 RT: 16.363 min Scan# 2257  
 Delta R.T. 0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



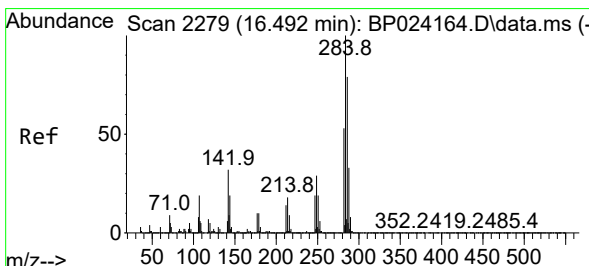
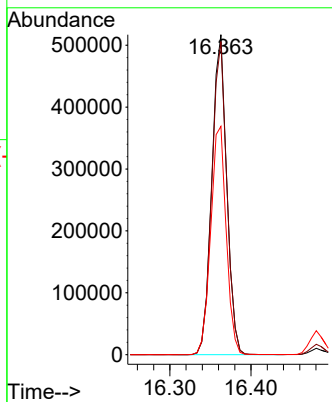
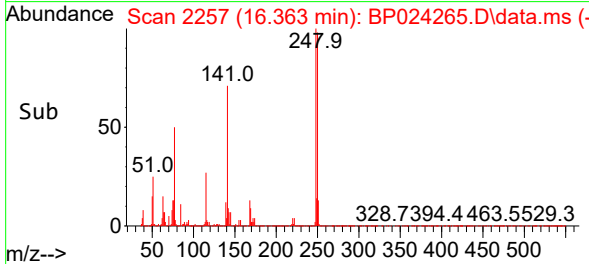
Tgt Ion: 248 Resp: 65906  
 Ion Ratio Lower Upper  
 248 100  
 250 97.8 78.4 117.6  
 141 71.4 59.4 89.0

Manual Integrations

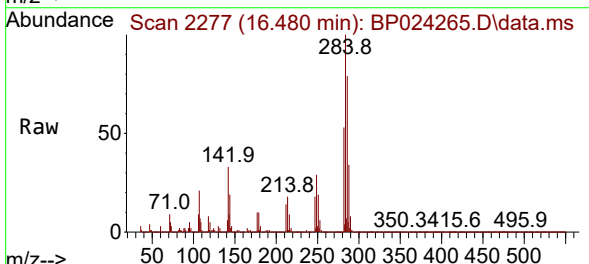
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

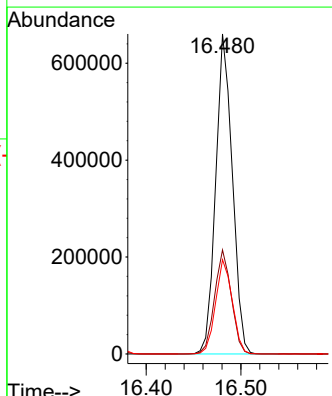
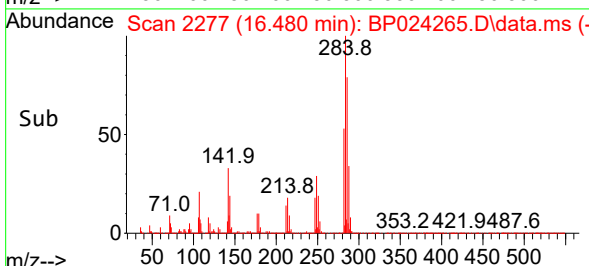
Supervised By :Jagrut Upadhyay 04/14/2025

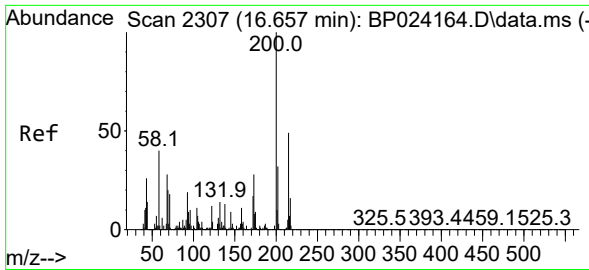


#68  
 Hexachlorobenzene  
 Concen: 49.297 ng  
 RT: 16.480 min Scan# 2277  
 Delta R.T. 0.000 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion: 284 Resp: 807518  
 Ion Ratio Lower Upper  
 284 100  
 142 32.5 25.4 38.2  
 249 29.4 23.5 35.3





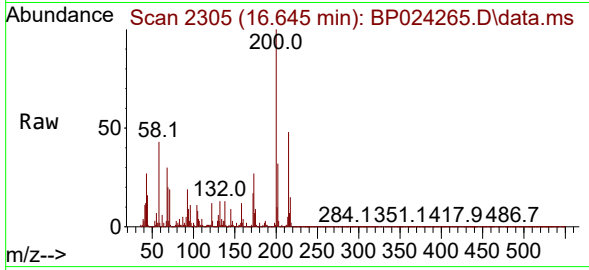
#69  
 Atrazine  
 Concen: 23.312 ng  
 RT: 16.645 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

ClientSampleId :

IB-1.5-WCMS



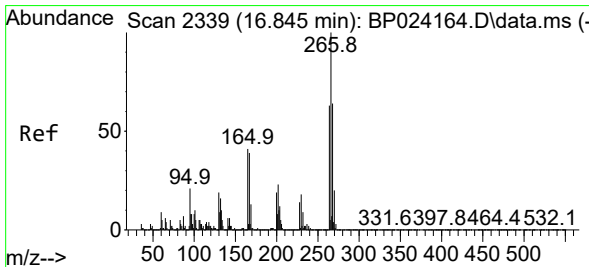
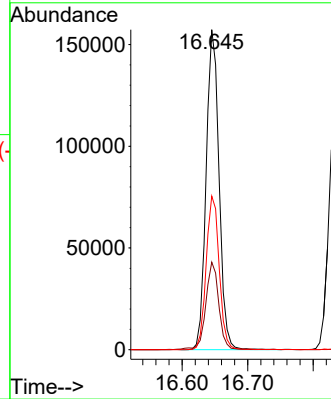
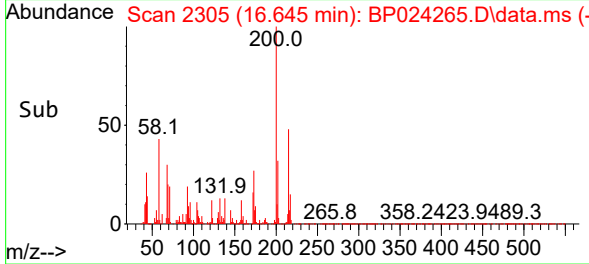
Tgt Ion:200 Resp: 215380  
 Ion Ratio Lower Upper  
 200 100  
 173 27.3 7.6 47.6  
 215 48.0 29.0 69.0

Manual Integrations

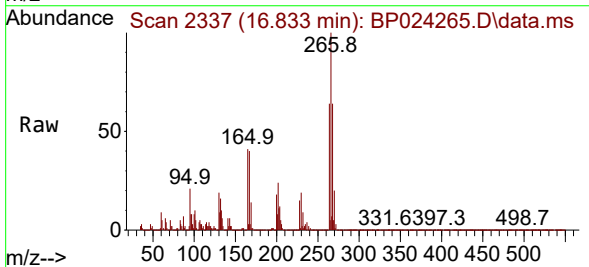
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

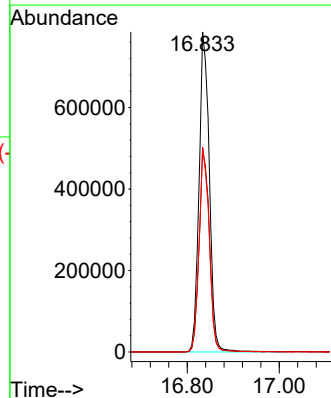
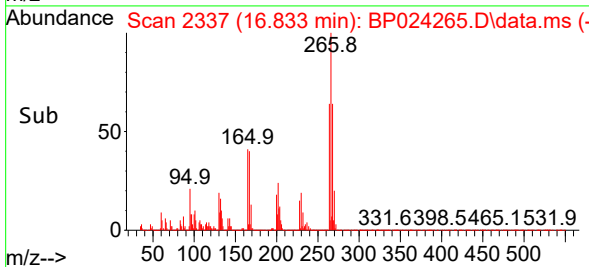
Supervised By :Jagrut Upadhyay 04/14/2025

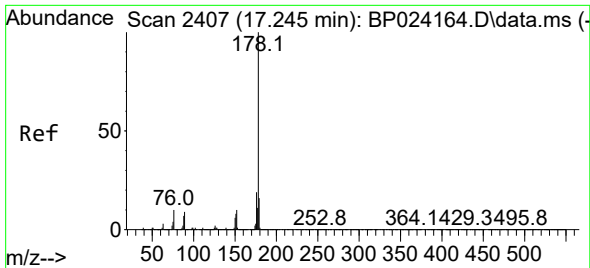


#70  
 Pentachlorophenol  
 Concen: 114.697 ng  
 RT: 16.833 min Scan# 2337  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion:266 Resp: 1215004  
 Ion Ratio Lower Upper  
 266 100  
 268 63.7 51.3 76.9  
 264 64.1 50.6 76.0





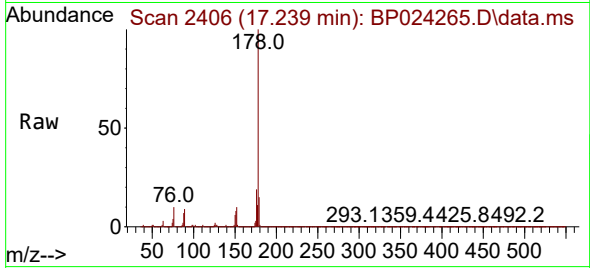
#71  
 Phenanthrene  
 Concen: 50.793 ng  
 RT: 17.239 min Scan# 2406  
 Delta R.T. 0.000 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



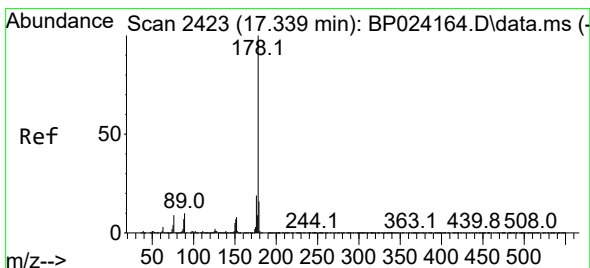
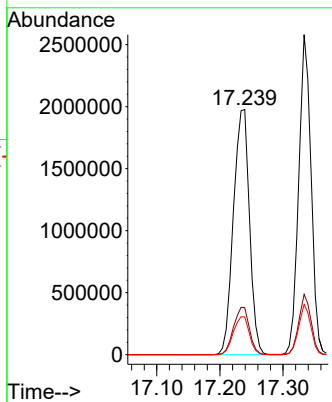
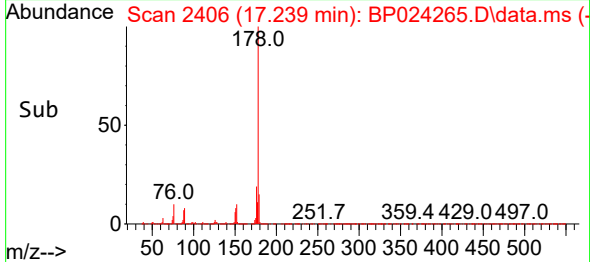
Tgt Ion:178 Resp: 349774  
 Ion Ratio Lower Upper  
 178 100  
 176 19.2 15.6 23.4  
 179 15.4 12.5 18.7

Manual Integrations

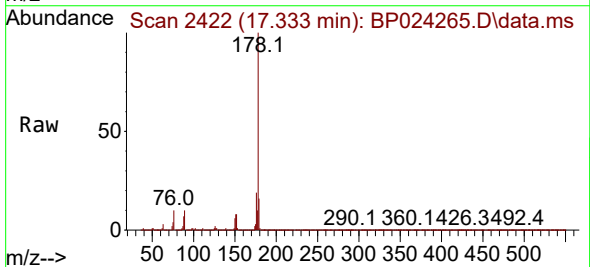
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

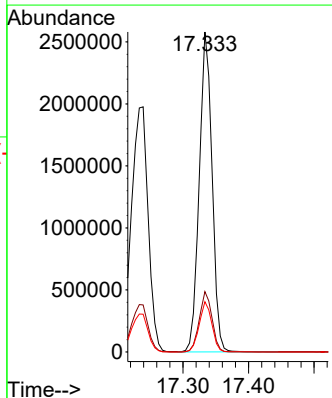
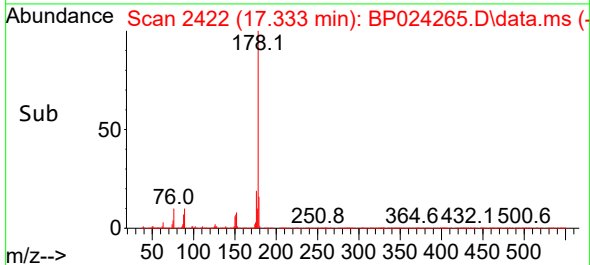
Supervised By :Jagrut Upadhyay 04/14/2025

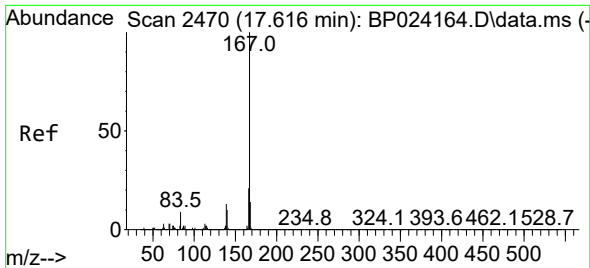


#72  
 Anthracene  
 Concen: 52.408 ng  
 RT: 17.333 min Scan# 2422  
 Delta R.T. 0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion:178 Resp: 3514990  
 Ion Ratio Lower Upper  
 178 100  
 176 18.8 15.2 22.8  
 179 15.7 12.6 18.8





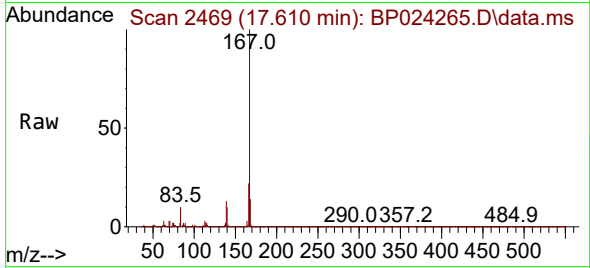
#73  
 Carbazole  
 Concen: 22.059 ng  
 RT: 17.610 min Scan# 2470  
 Delta R.T. 0.000 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



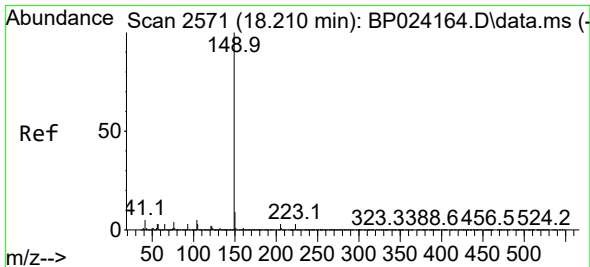
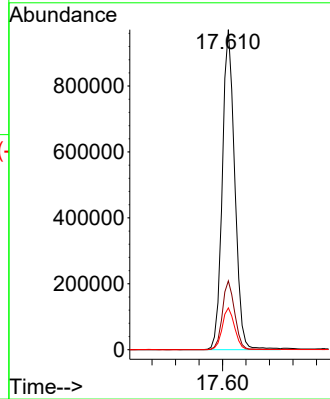
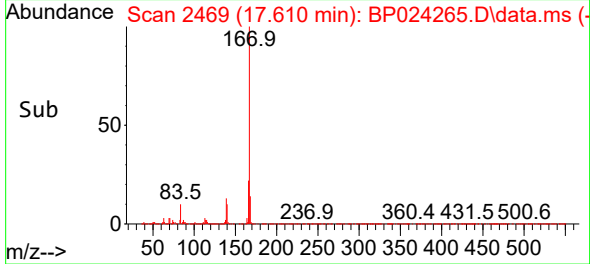
Tgt Ion:167 Resp: 142676  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.1 25.7  
 139 13.1 10.2 15.4

Manual Integrations

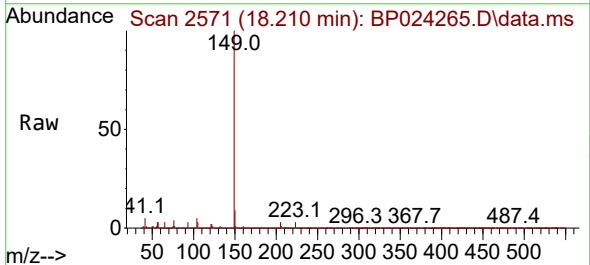
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

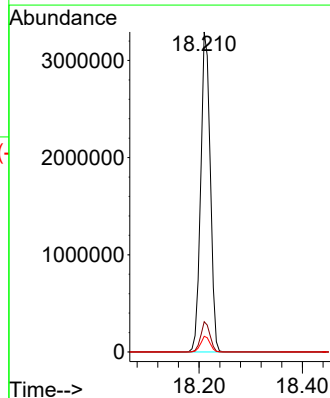
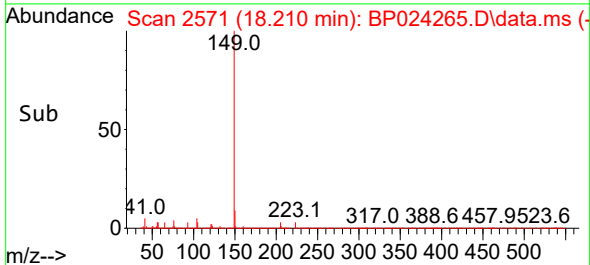
Supervised By :Jagrut Upadhyay 04/14/2025



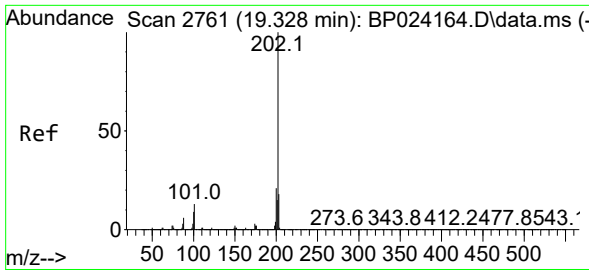
#74  
 Di-n-butylphthalate  
 Concen: 54.788 ng  
 RT: 18.210 min Scan# 2571  
 Delta R.T. 0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion:149 Resp: 4206804  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.6 11.4  
 104 4.9 3.9 5.9







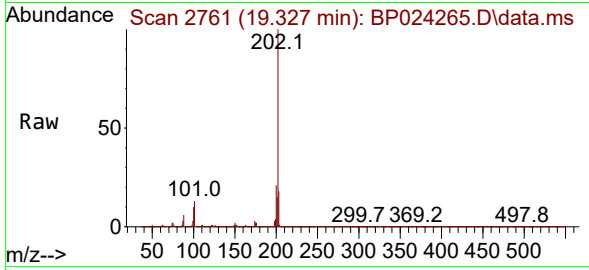
#75  
 Fluoranthene  
 Concen: 53.879 ng  
 RT: 19.327 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



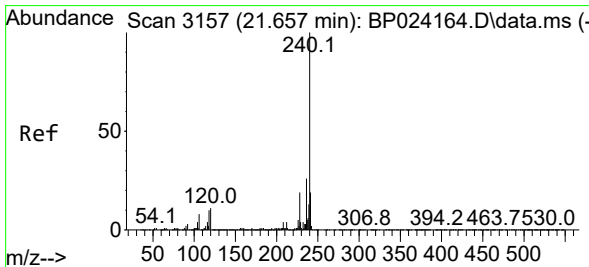
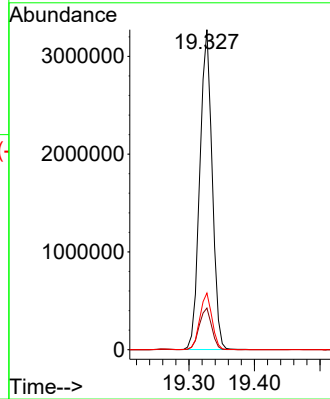
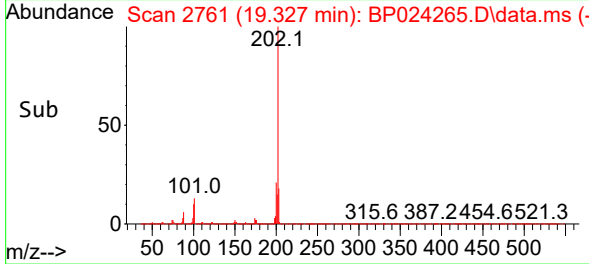
Tgt Ion: 202 Resp: 429713  
 Ion Ratio Lower Upper  
 202 100  
 101 13.0 0.0 32.5  
 203 17.7 0.0 37.9

Manual Integrations

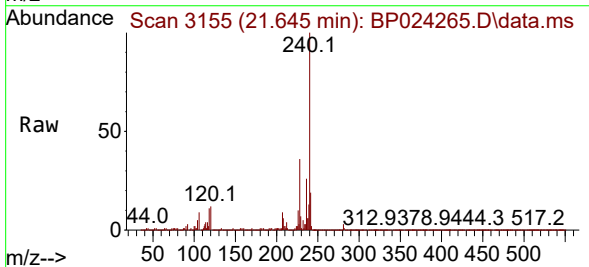
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

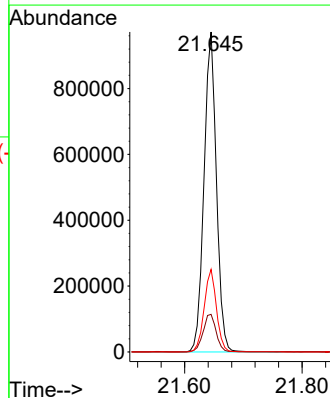
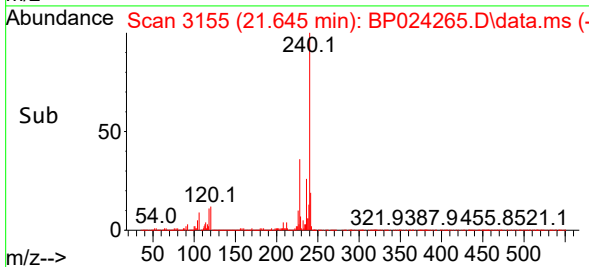
Supervised By :Jagrut Upadhyay 04/14/2025

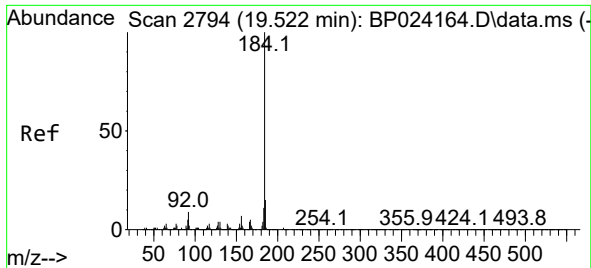


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.645 min Scan# 3155  
 Delta R.T. 0.000 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion: 240 Resp: 1426665  
 Ion Ratio Lower Upper  
 240 100  
 120 11.7 9.2 13.8  
 236 25.8 20.4 30.6





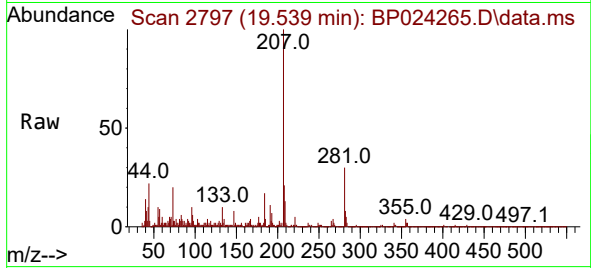
#77  
 Benzidine  
 Concen: 0.578 ng m  
 RT: 19.539 min Scan# 2797  
 Delta R.T. 0.018 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

ClientSampleId :

IB-1.5-WCMS



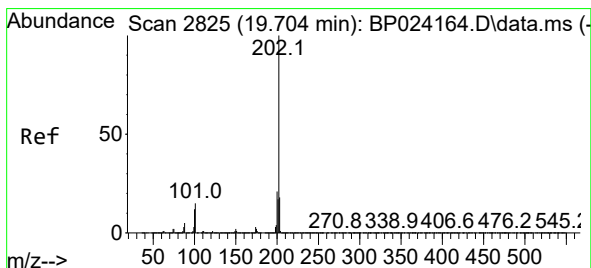
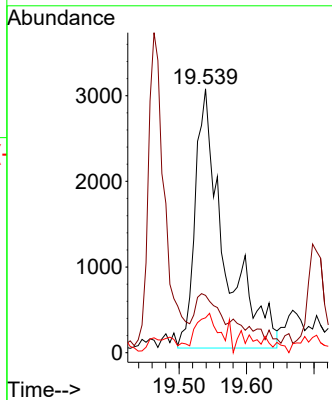
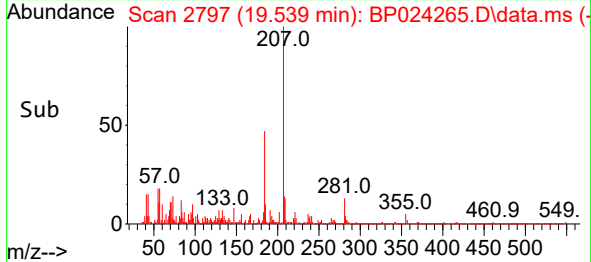
Tgt Ion:184 Resp: 901  
 Ion Ratio Lower Upper  
 184 100  
 185 21.7 11.8 17.6  
 183 13.2 9.1 13.7

Manual Integrations

APPROVED

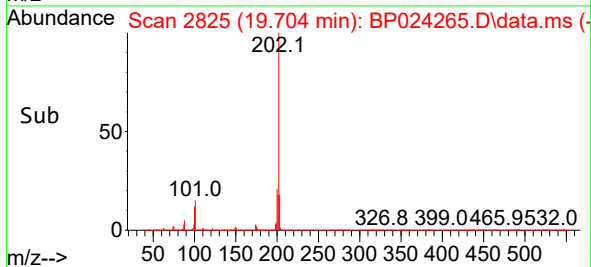
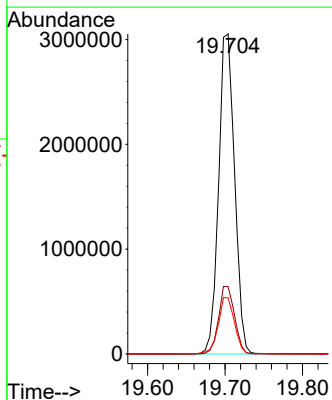
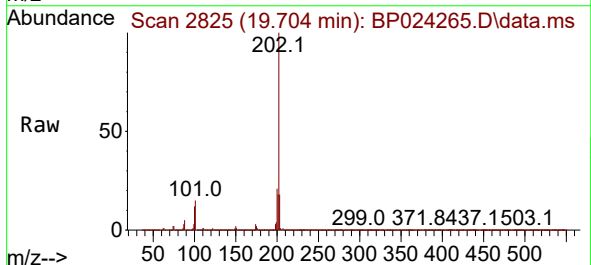
Reviewed By :Rahul Chavli 04/14/2025

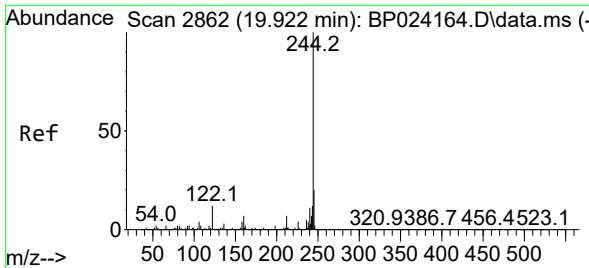
Supervised By :Jagrut Upadhyay 04/14/2025



#78  
 Pyrene  
 Concen: 49.366 ng  
 RT: 19.704 min Scan# 2825  
 Delta R.T. 0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Tgt Ion:202 Resp: 4378542  
 Ion Ratio Lower Upper  
 202 100  
 200 21.0 17.1 25.7  
 203 17.6 14.2 21.4





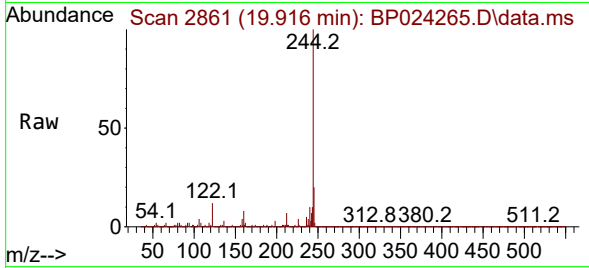
#79  
 Terphenyl-d14  
 Concen: 105.191 ng  
 RT: 19.916 min Scan# 2861  
 Delta R.T. 0.000 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



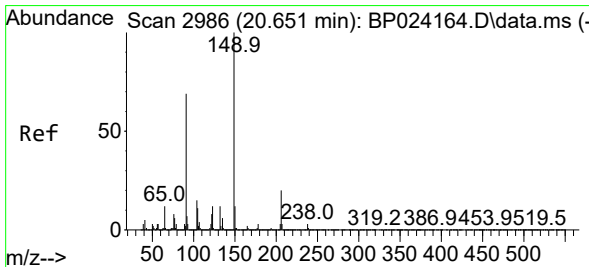
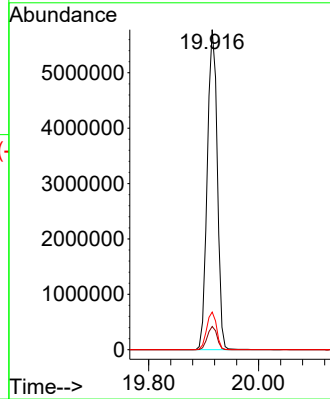
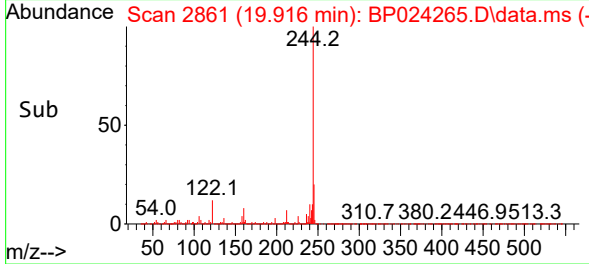
Tgt Ion: 244 Resp: 727018  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.7 8.5  
 122 11.7 9.6 14.4

Manual Integrations

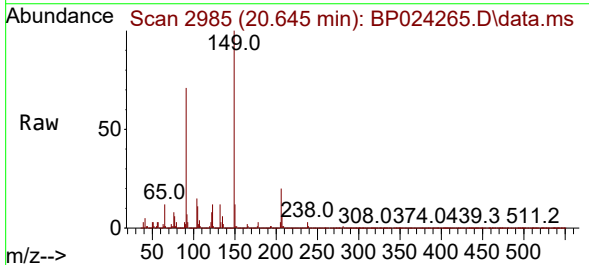
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

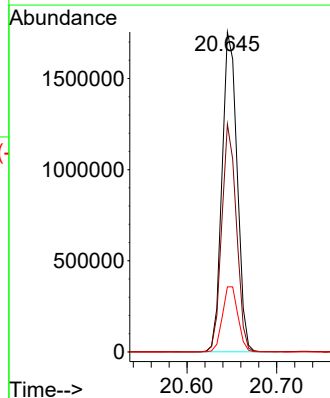
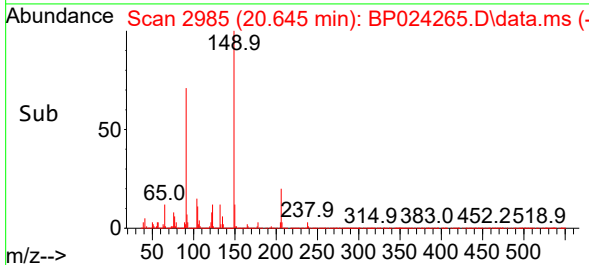
Supervised By :Jagrut Upadhyay 04/14/2025

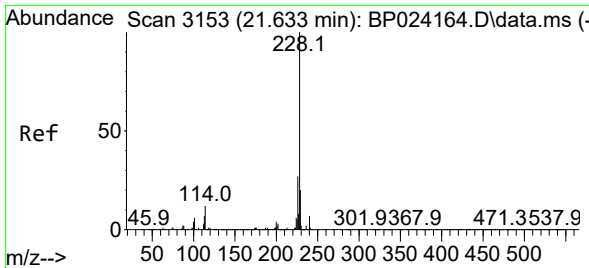


#80  
 Butylbenzylphthalate  
 Concen: 56.062 ng  
 RT: 20.645 min Scan# 2985  
 Delta R.T. 0.000 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion: 149 Resp: 2050522  
 Ion Ratio Lower Upper  
 149 100  
 91 71.2 55.3 82.9  
 206 20.3 16.1 24.1





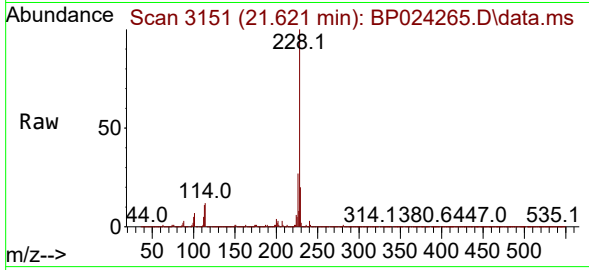
#81  
 Benzo(a)anthracene  
 Concen: 52.224 ng  
 RT: 21.621 min Scan# 3151  
 Delta R.T. 0.000 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client SampleId :

IB-1.5-WCMS



Tgt Ion:228 Resp: 463225

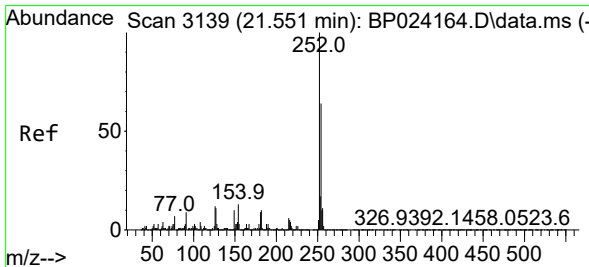
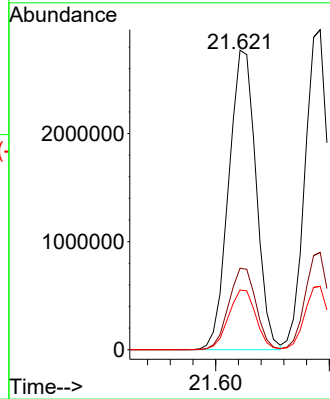
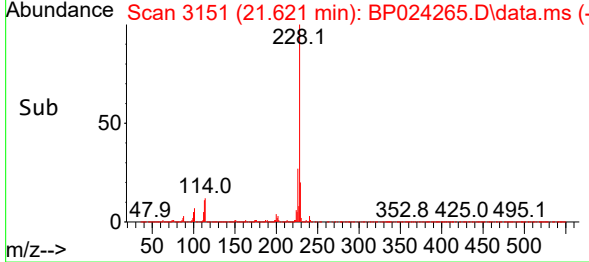
Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	19.9	16.0	24.0

Manual Integrations

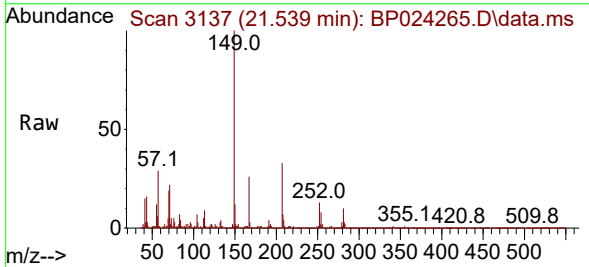
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

Supervised By :Jagrut Upadhyay 04/14/2025

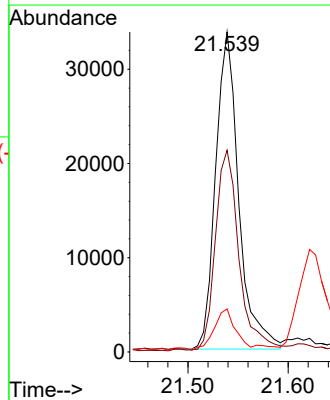
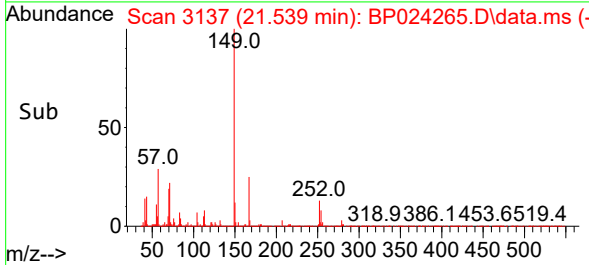


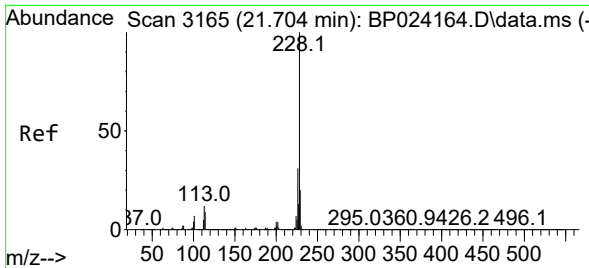
#82  
 3,3'-Dichlorobenzidine  
 Concen: 1.807 ng  
 RT: 21.539 min Scan# 3137  
 Delta R.T. 0.000 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion:252 Resp: 53712

Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.4	77.2
126	13.5	9.3	13.9





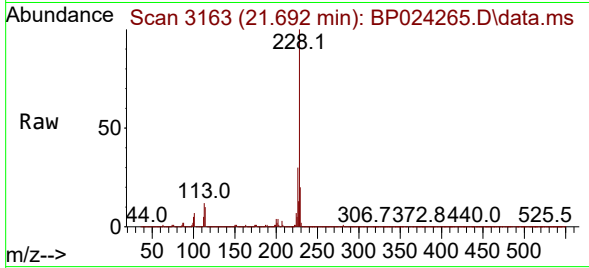
#83  
 Chrysene  
 Concen: 50.023 ng  
 RT: 21.692 min Scan# 3163  
 Delta R.T. 0.000 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client SampleId :

IB-1.5-WCMS



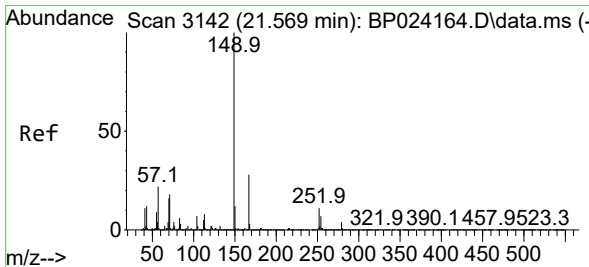
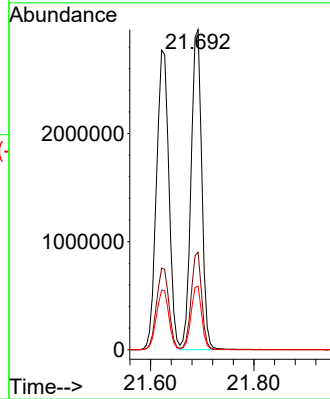
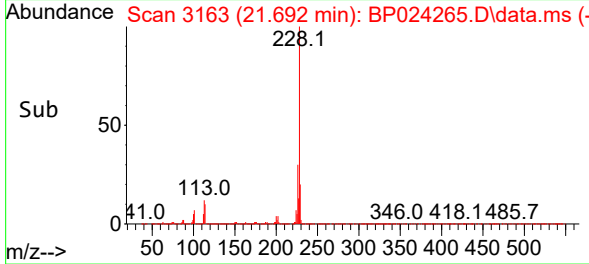
Tgt Ion: 228 Resp: 426541  
 Ion Ratio Lower Upper  
 228 100  
 226 30.4 24.5 36.7  
 229 19.8 16.2 24.2

Manual Integrations

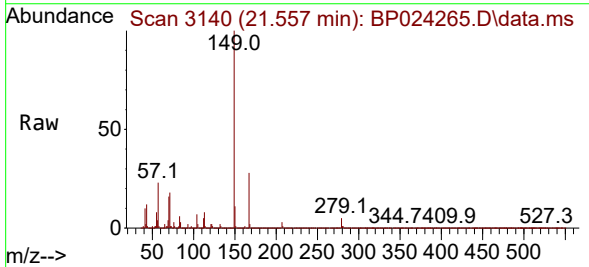
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

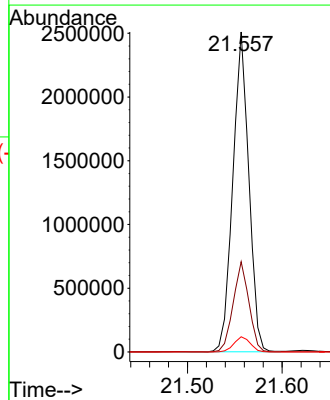
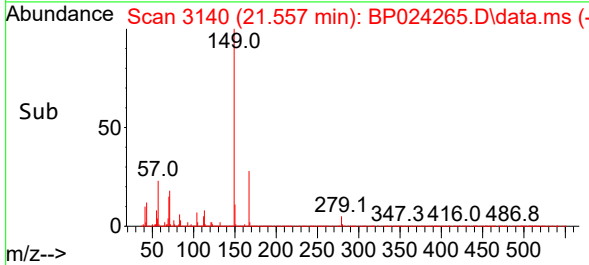
Supervised By :Jagrut Upadhyay 04/14/2025

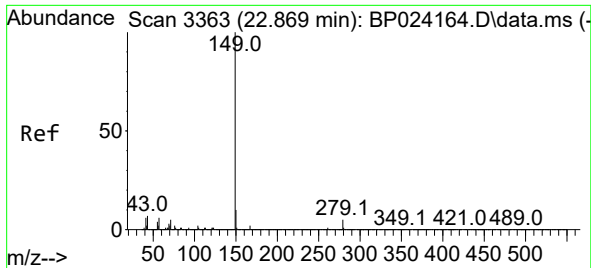


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 53.306 ng  
 RT: 21.557 min Scan# 3140  
 Delta R.T. 0.000 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion: 149 Resp: 2941938  
 Ion Ratio Lower Upper  
 149 100  
 167 28.2 22.5 33.7  
 279 4.8 3.6 5.4





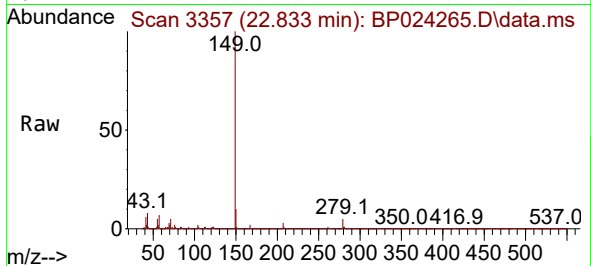
#85  
 Di-n-octyl phthalate  
 Concen: 56.242 ng  
 RT: 22.833 min Scan# 31  
 Delta R.T. -0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS

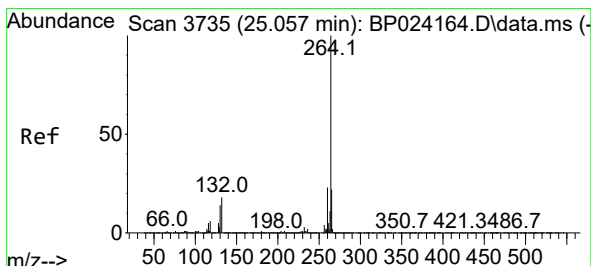
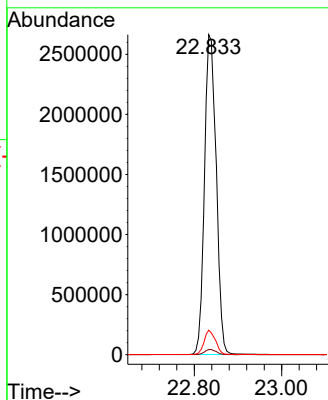
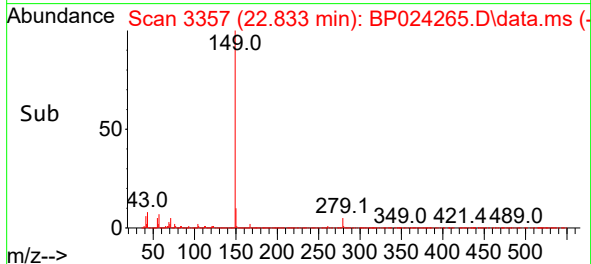


Tgt Ion:149 Resp: 497328  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.3 1.9  
 43 7.3 5.8 8.8

Manual Integrations

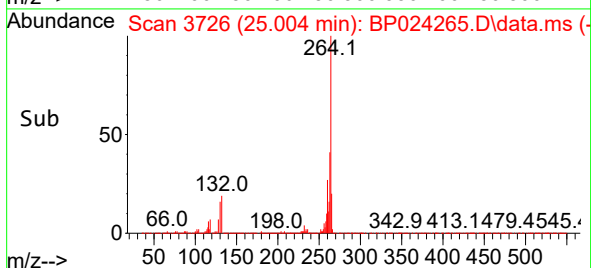
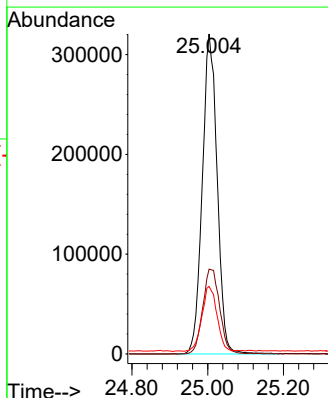
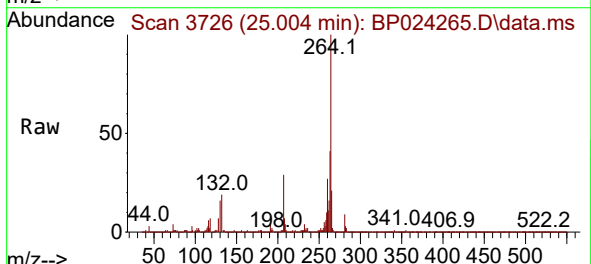
APPROVED

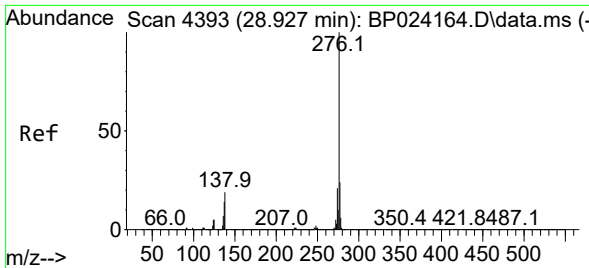
Reviewed By :Rahul Chavli 04/14/2025  
 Supervised By :Jagrut Upadhyay 04/14/2025



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.004 min Scan# 3726  
 Delta R.T. -0.006 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Tgt Ion:264 Resp: 871094  
 Ion Ratio Lower Upper  
 264 100  
 260 26.5 18.5 27.7  
 265 21.1 17.7 26.5





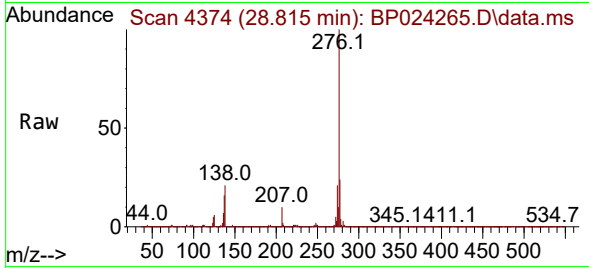
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 90.837 ng  
 RT: 28.815 min Scan# 41  
 Delta R.T. -0.023 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

ClientSampleId :

IB-1.5-WCMS



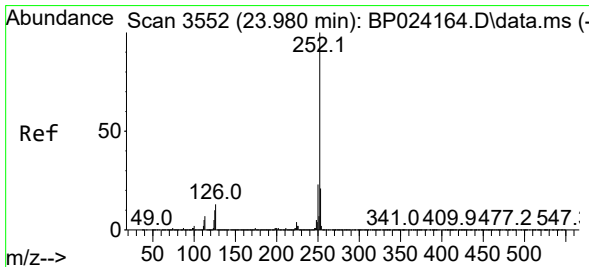
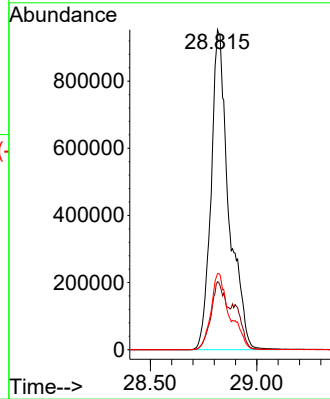
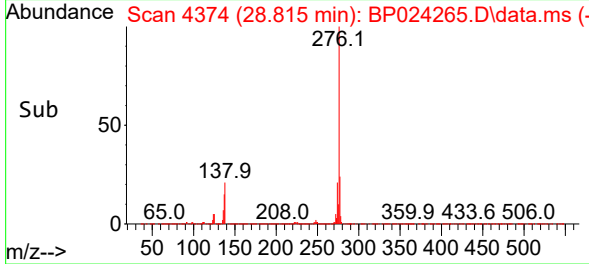
Tgt Ion: 276 Resp: 5522504  
 Ion Ratio Lower Upper  
 276 100  
 138 18.5 13.7 20.5  
 277 25.3 20.2 30.2

Manual Integrations

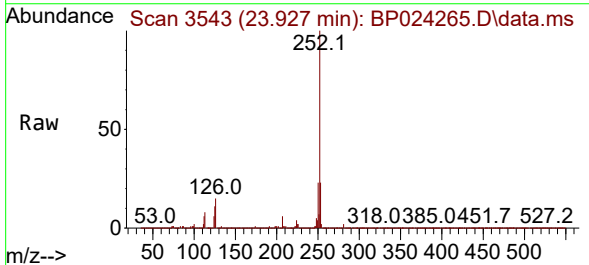
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

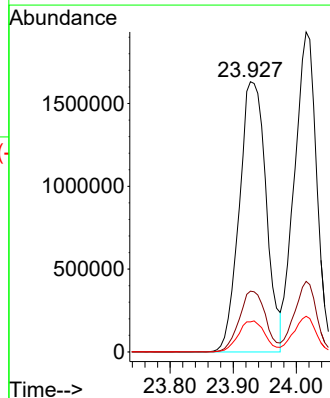
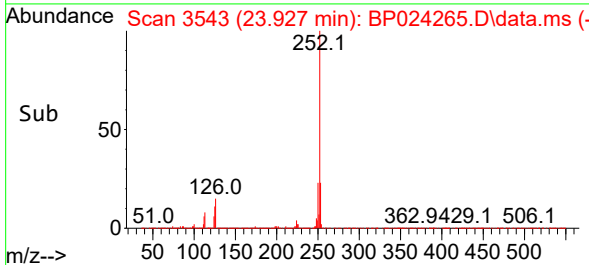
Supervised By :Jagrut Upadhyay 04/14/2025

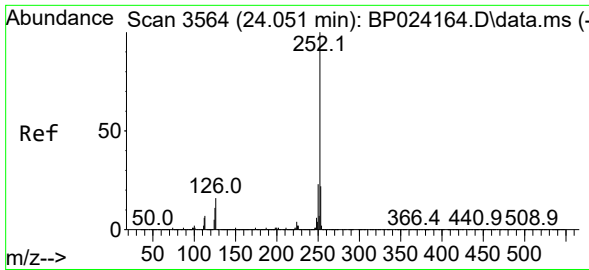


#88  
 Benzo(b)fluoranthene  
 Concen: 92.052 ng  
 RT: 23.927 min Scan# 3543  
 Delta R.T. -0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion: 252 Resp: 4834705  
 Ion Ratio Lower Upper  
 252 100  
 253 22.5 17.2 25.8  
 125 11.1 8.2 12.4





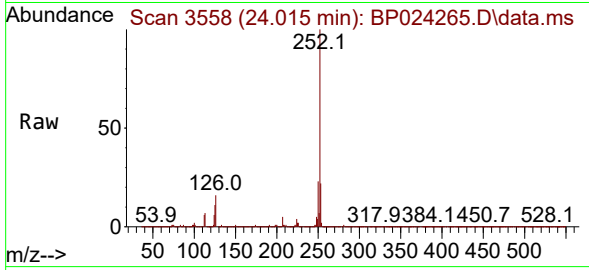
#89  
 Benzo(k)fluoranthene  
 Concen: 91.665 ng  
 RT: 24.015 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

Client Sample Id :

IB-1.5-WCMS



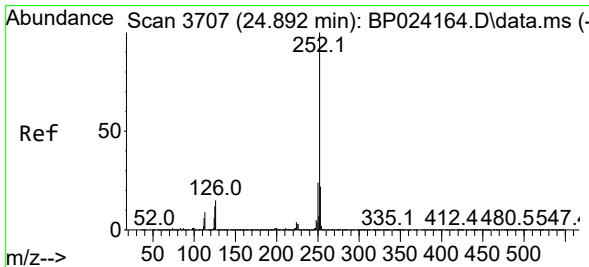
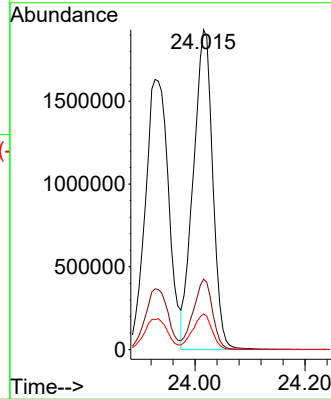
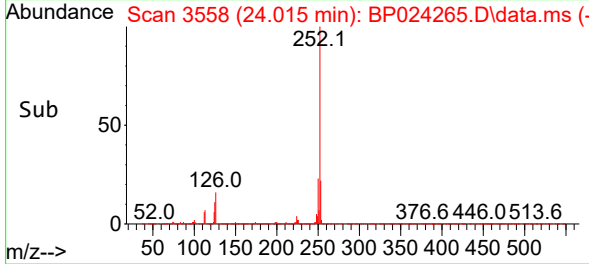
Tgt Ion: 252 Resp: 4709378  
 Ion Ratio Lower Upper  
 252 100  
 253 22.1 17.7 26.5  
 125 11.1 9.1 13.7

Manual Integrations

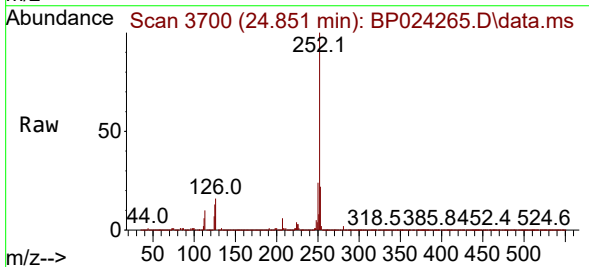
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

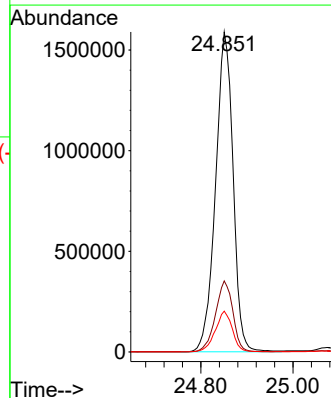
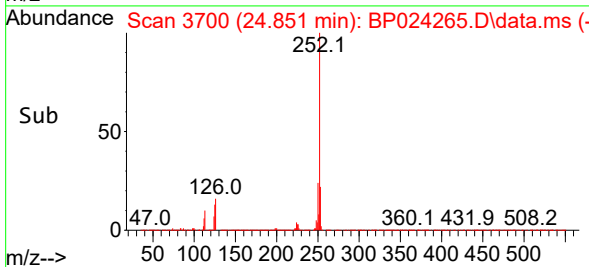
Supervised By :Jagrut Upadhyay 04/14/2025



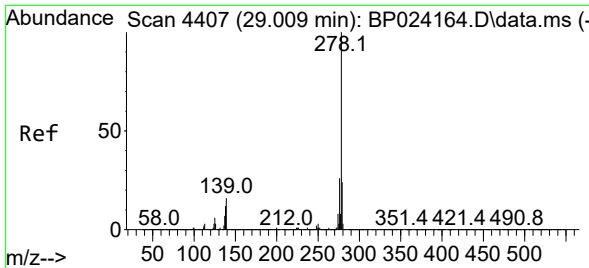
#90  
 Benzo(a)pyrene  
 Concen: 91.707 ng  
 RT: 24.851 min Scan# 3700  
 Delta R.T. 0.000 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion: 252 Resp: 4188367  
 Ion Ratio Lower Upper  
 252 100  
 253 22.2 17.4 26.0  
 125 12.7 9.6 14.4







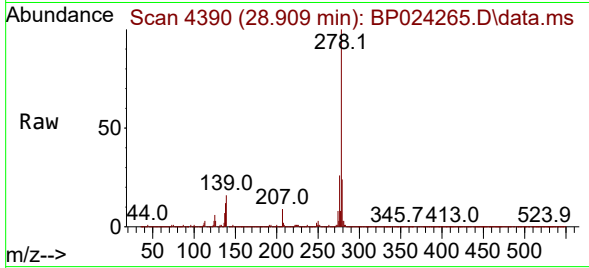
#91  
 Dibenzo(a,h)anthracene  
 Concen: 94.907 ng  
 RT: 28.909 min Scan# 41  
 Delta R.T. -0.012 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19

Instrument :

BNA\_P

ClientSampleId :

IB-1.5-WCMS



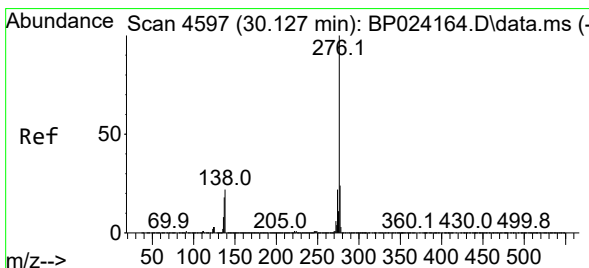
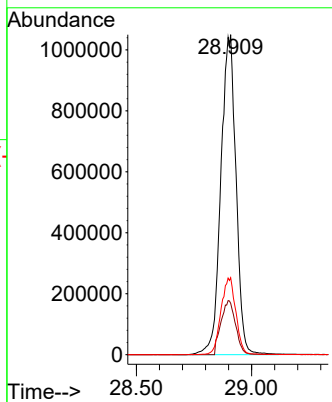
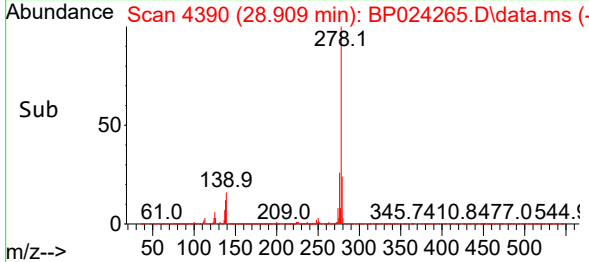
Tgt Ion: 278 Resp: 4800304  
 Ion Ratio Lower Upper  
 278 100  
 139 16.1 13.0 19.4  
 279 24.0 18.8 28.2

Manual Integrations

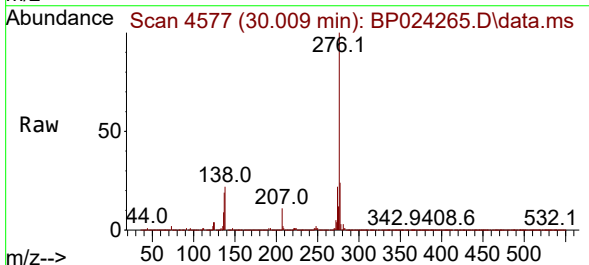
APPROVED

Reviewed By :Rahul Chavli 04/14/2025

Supervised By :Jagrut Upadhyay 04/14/2025



#92  
 Benzo(g,h,i)perylene  
 Concen: 83.921 ng  
 RT: 30.009 min Scan# 4577  
 Delta R.T. 0.000 min  
 Lab File: BP024265.D  
 Acq: 11 Apr 2025 14:19



Tgt Ion: 276 Resp: 4314856  
 Ion Ratio Lower Upper  
 276 100  
 277 23.9 19.2 28.8  
 138 21.9 17.4 26.2

