

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
 Data File : BP024322.D
 Acq On : 17 Apr 2025 11:51
 Operator : RC/JU
 Sample : PB167564BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167564BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/18/2025
 Supervised By :Jagrut Upadhyay 04/18/2025

Quant Time: Apr 17 12:18:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	334068	20.000	ng	0.00
21) Naphthalene-d8	10.499	136	1451795	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	946390	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1773496	20.000	ng	-0.02
76) Chrysene-d12	21.598	240	1227922	20.000	ng	-0.02
86) Perylene-d12	24.939	264	1207867	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2759115	136.561	ng	0.00
7) Phenol-d6	6.917	99	3618299	130.789	ng	0.00
23) Nitrobenzene-d5	8.875	82	2148075	84.368	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1728940	132.043	ng	-0.02
45) 2-Fluorobiphenyl	12.969	172	5085782	82.280	ng	-0.01
79) Terphenyl-d14	19.881	244	6643551	109.054	ng	-0.04
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	287909	33.689	ng	97
3) Pyridine	3.681	79	766297	33.958	ng	98
4) n-Nitrosodimethylamine	3.593	42	324280	43.299	ng	94
6) Aniline	7.064	93	1023567	41.404	ng	99
8) 2-Chlorophenol	7.305	128	1079648	47.861	ng	99
9) Benzaldehyde	6.875	77	294812	21.543	ng	99
10) Phenol	6.940	94	1357407	48.911	ng	96
11) bis(2-Chloroethyl)ether	7.158	93	961345	42.993	ng	99
12) 1,3-Dichlorobenzene	7.616	146	1030757	42.444	ng	98
13) 1,4-Dichlorobenzene	7.764	146	1060590	43.043	ng	99
14) 1,2-Dichlorobenzene	8.075	146	1021098	42.916	ng	99
15) Benzyl Alcohol	7.969	79	871520	48.712	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.240	45	1102139	45.601	ng	99
17) 2-Methylphenol	8.175	107	928298	51.707	ng	99
18) Hexachloroethane	8.799	117	393473	44.187	ng	98
19) n-Nitroso-di-n-propyla...	8.528	70	752644	43.975	ng	99
20) 3+4-Methylphenols	8.499	107	1264970	50.780	ng	99
22) Acetophenone	8.546	105	1513862	42.130	ng	100
24) Nitrobenzene	8.916	77	1104577	43.855	ng	98
25) Isophorone	9.440	82	2149873	46.650	ng	99
26) 2-Nitrophenol	9.622	139	581538	47.180	ng	97
27) 2,4-Dimethylphenol	9.687	122	1056586	68.269	ng	99
28) bis(2-Chloroethoxy)met...	9.916	93	1365811	43.871	ng	100
29) 2,4-Dichlorophenol	10.158	162	1025078	48.576	ng	98
30) 1,2,4-Trichlorobenzene	10.369	180	977668	43.241	ng	98
31) Naphthalene	10.552	128	3144759	41.121	ng	100
32) Benzoic acid	9.863	122	845605m	46.890	ng	
33) 4-Chloroaniline	10.663	127	472553	17.547	ng	99
34) Hexachlorobutadiene	10.834	225	581954	43.802	ng	99
35) Caprolactam	11.463	113	357452	45.907	ng	99
36) 4-Chloro-3-methylphenol	11.799	107	1188991	48.373	ng	100
37) 2-Methylnaphthalene	12.163	142	2057907	38.801	ng	98
38) 1-Methylnaphthalene	12.387	142	2189742	42.204	ng	100
40) 1,2,4,5-Tetrachloroben...	12.540	216	1115334	42.855	ng	99
41) Hexachlorocyclopentadiene	12.516	237	1557478	169.206	ng	99
43) 2,4,6-Trichlorophenol	12.781	196	830279	47.984	ng	98

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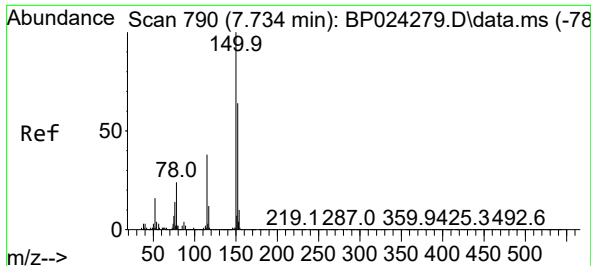
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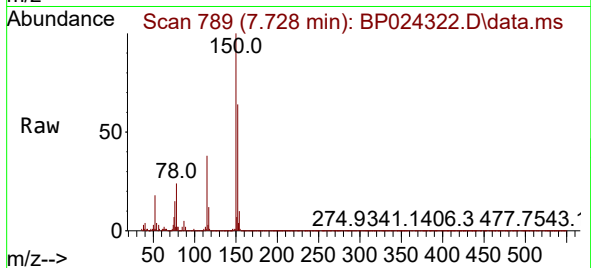
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	916797	47.846	ng	99
46) 1,1'-Biphenyl	13.181	154	2986755	42.935	ng	99
47) 2-Chloronaphthalene	13.222	162	2256603	43.403	ng	99
48) 2-Nitroaniline	13.428	65	700526	48.034	ng	95
49) Acenaphthylene	14.075	152	3846464	46.990	ng	100
50) Dimethylphthalate	13.816	163	2995229	43.521	ng	99
51) 2,6-Dinitrotoluene	13.934	165	665787	45.557	ng	100
52) Acenaphthene	14.428	154	2181964	42.046	ng	99
53) 3-Nitroaniline	14.263	138	417219	27.163	ng	98
54) 2,4-Dinitrophenol	14.475	184	853627	99.160	ng	95
55) Dibenzofuran	14.763	168	3471170	40.921	ng	99
56) 4-Nitrophenol	14.598	139	1202044	90.613	ng	98
57) 2,4-Dinitrotoluene	14.728	165	922417	46.269	ng	100
58) Fluorene	15.422	166	2823276	42.994	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	791251	44.773	ng	99
60) Diethylphthalate	15.204	149	3004493	42.362	ng	100
61) 4-Chlorophenyl-phenyle...	15.416	204	1368495	42.916	ng	99
62) 4-Nitroaniline	15.451	138	673721	41.433	ng	96
63) Azobenzene	15.716	77	2764248	42.405	ng	98
65) 4,6-Dinitro-2-methylph...	15.504	198	533164	47.684	ng	97
66) n-Nitrosodiphenylamine	15.640	169	2446935	46.225	ng	99
67) 4-Bromophenyl-phenylether	16.328	248	905183	46.668	ng	99
68) Hexachlorobenzene	16.451	284	1078014	46.772	ng	98
69) Atrazine	16.616	200	810319	60.104	ng	99
70) Pentachlorophenol	16.804	266	1487194	92.492	ng	99
71) Phenanthrene	17.204	178	4199363	43.405	ng	99
72) Anthracene	17.292	178	4256425	45.647	ng	99
73) Carbazole	17.581	167	3849468	42.251	ng	99
74) Di-n-butylphthalate	18.163	149	4687484	41.296	ng	100
75) Fluoranthene	19.286	202	4450170	38.675	ng	98
77) Benzidine	19.475	184	1112220	71.457	ng	100
78) Pyrene	19.663	202	4392711	56.291	ng	99
80) Butylbenzylphthalate	20.610	149	1647590	49.293	ng	96
81) Benzo(a)anthracene	21.575	228	3542965	46.421	ng	100
82) 3,3'-Dichlorobenzidine	21.498	252	754814	28.177	ng	99
83) Chrysene	21.645	228	3275917	44.801	ng	99
84) Bis(2-ethylhexyl)phtha...	21.516	149	2065674	42.157	ng	99
85) Di-n-octyl phthalate	22.792	149	3130152	39.295	ng	100
87) Indeno(1,2,3-cd)pyrene	28.733	276	4225283	50.388	ng	96
88) Benzo(b)fluoranthene	23.886	252	3252383	44.922	ng	99
89) Benzo(k)fluoranthene	23.951	252	3212113	45.930	ng	100
90) Benzo(a)pyrene	24.780	252	3099830	49.635	ng	99
91) Dibenzo(a,h)anthracene	28.827	278	3511403	50.449	ng	98
92) Benzo(g,h,i)perylene	29.933	276	3482393	49.155	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

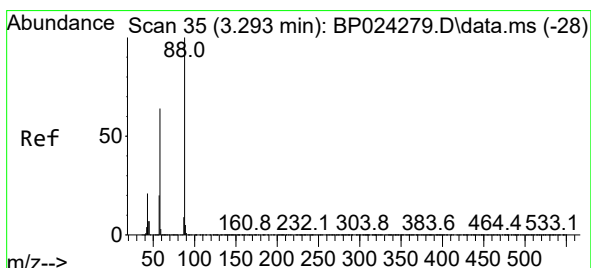
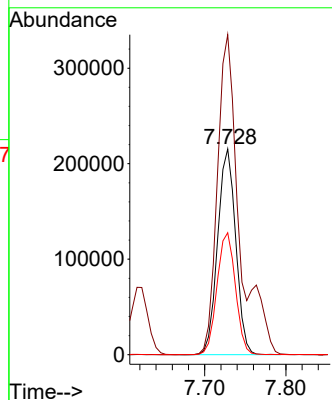
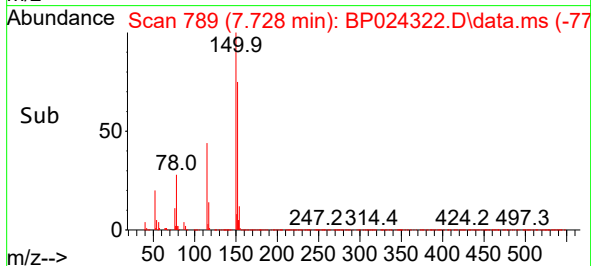
Instrument :
BNA_P
ClientSampleId :
PB167564BS



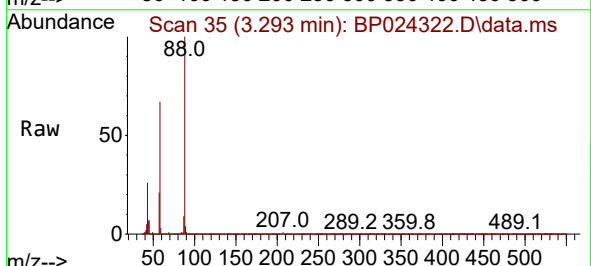
Tgt Ion: 152 Resp: 334068
Ion Ratio Lower Upper
152 100
150 155.6 124.9 187.3
115 59.3 47.7 71.5

Manual Integrations
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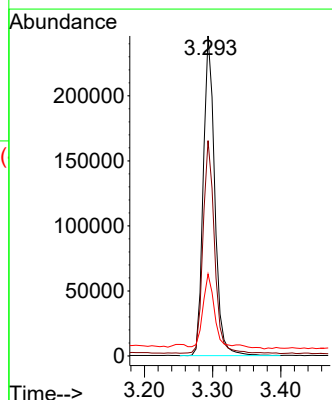
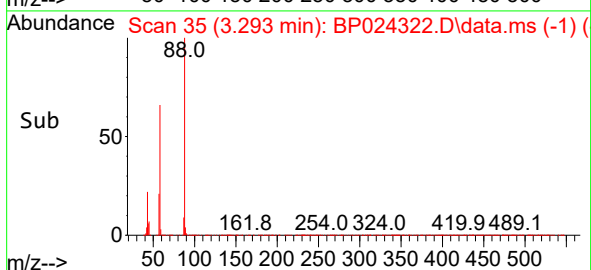
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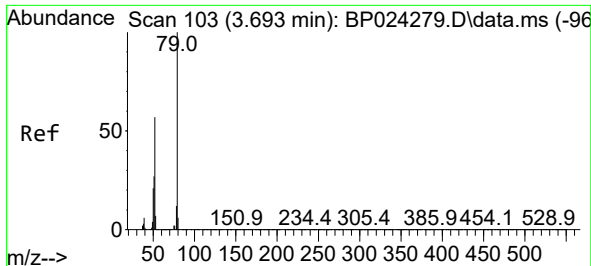


#2
1,4-Dioxane
Concen: 33.689 ng
RT: 3.293 min Scan# 35
Delta R.T. 0.000 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51



Tgt Ion: 88 Resp: 287909
Ion Ratio Lower Upper
88 100
58 66.8 51.4 77.2
43 21.7 17.1 25.7





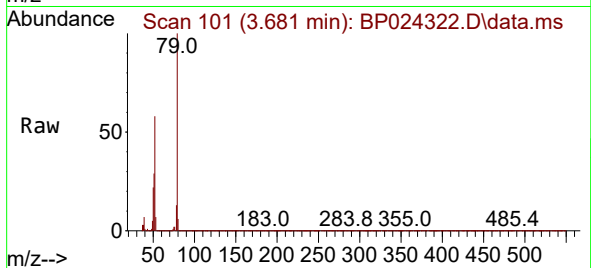
#3
Pyridine
Concen: 33.958 ng
RT: 3.681 min Scan# 101
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Instrument :

BNA_P

ClientSampleId :

PB167564BS



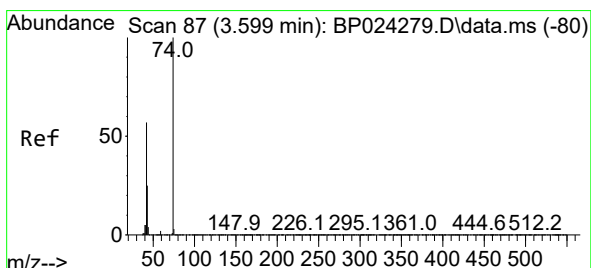
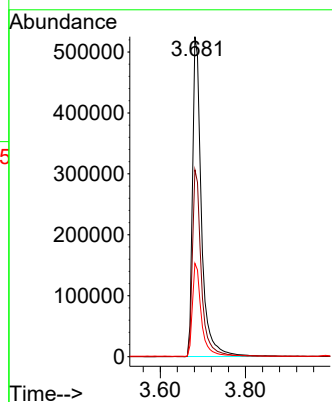
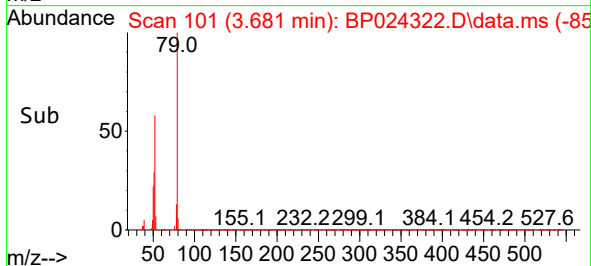
Tgt Ion: 79 Resp: 766297
Ion Ratio Lower Upper
79 100
52 58.4 45.4 68.2
51 29.1 22.6 33.8

Manual Integrations

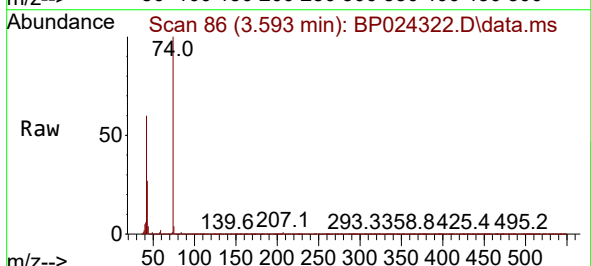
APPROVED

Reviewed By :Rahul Chavli 04/18/2025

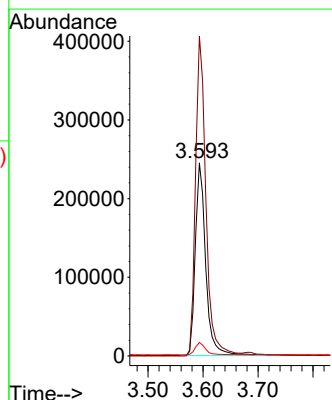
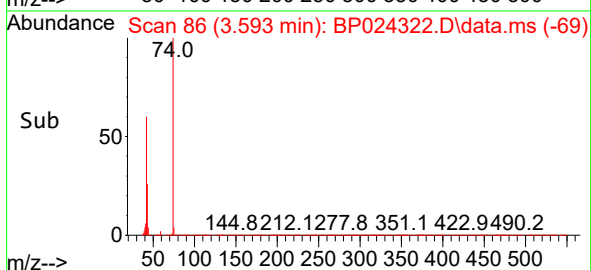
Supervised By :Jagrut Upadhyay 04/18/2025

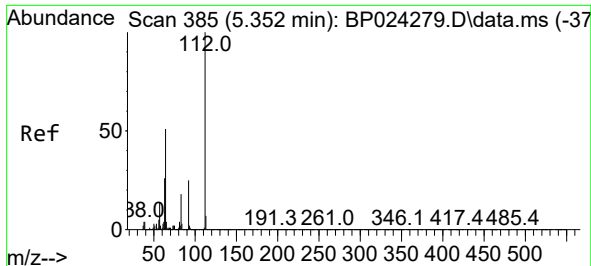


#4
n-Nitrosodimethylamine
Concen: 43.299 ng
RT: 3.593 min Scan# 86
Delta R.T. 0.000 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51



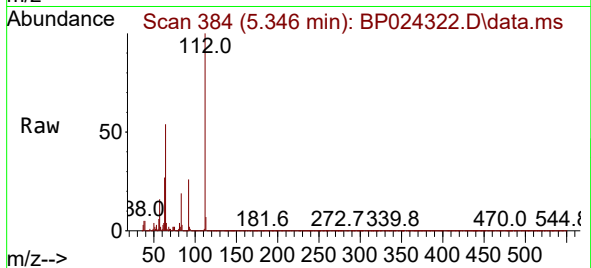
Tgt Ion: 42 Resp: 324280
Ion Ratio Lower Upper
42 100
74 165.7 139.5 209.3
44 7.0 5.8 8.8





#5
2-Fluorophenol
Concen: 136.561 ng
RT: 5.346 min Scan# 385
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

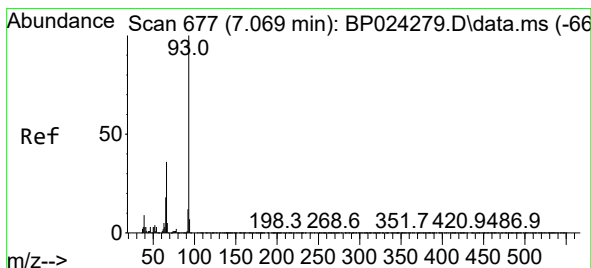
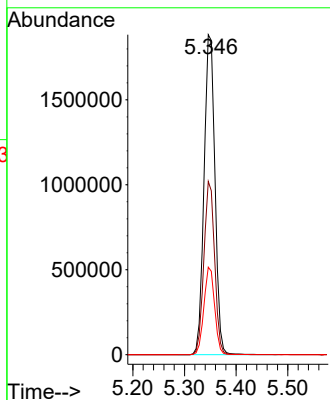
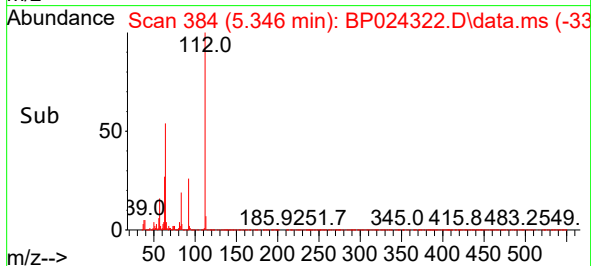
Instrument :
BNA_P
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PB167564BS



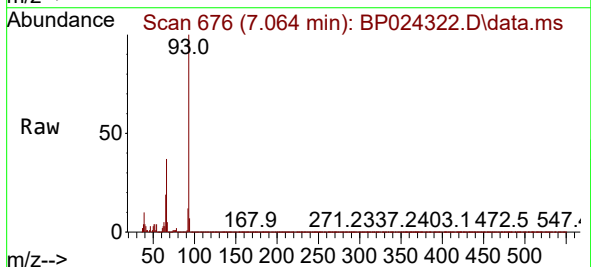
Tgt Ion: 112 Resp: 275911
Ion Ratio Lower Upper
112 100
64 54.2 41.1 61.7
63 27.4 20.6 30.8

Manual Integrations
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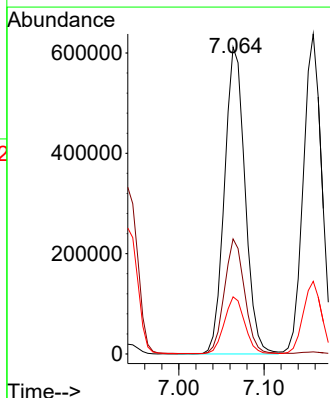
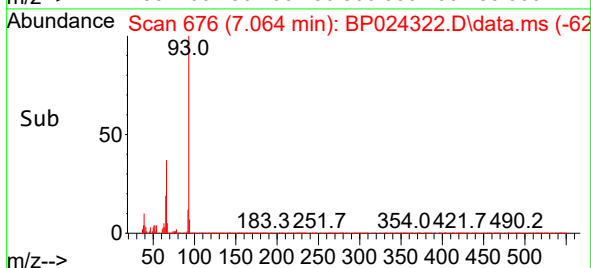
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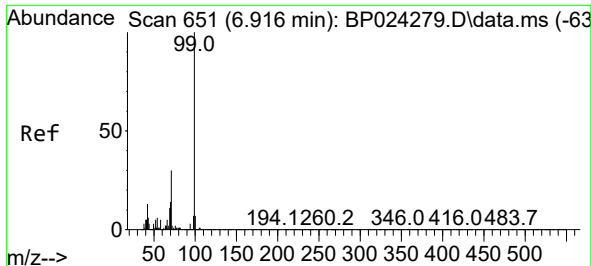


#6
Aniline
Concen: 41.404 ng
RT: 7.064 min Scan# 676
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51



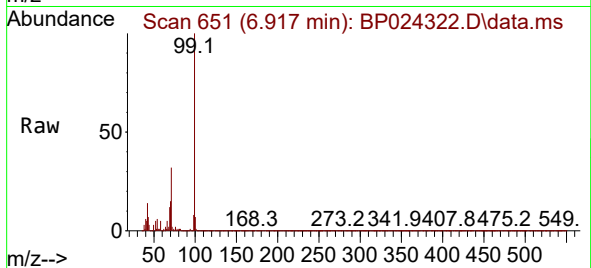
Tgt Ion: 93 Resp: 1023567
Ion Ratio Lower Upper
93 100
66 37.5 29.1 43.7
65 18.6 14.7 22.1





#7
Phenol-d6
Concen: 130.789 ng
RT: 6.917 min Scan# 651
Delta R.T. 0.001 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

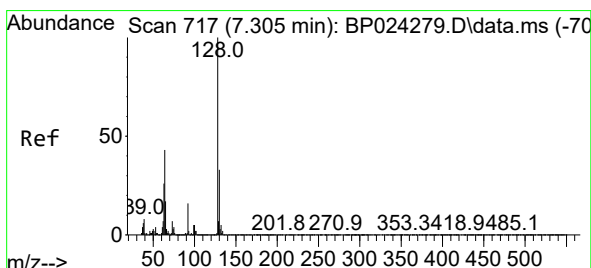
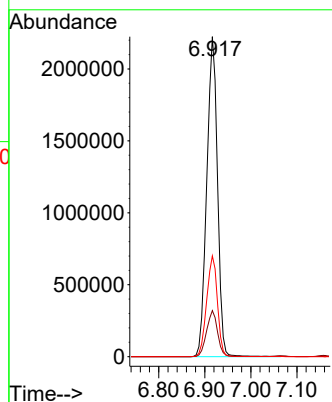
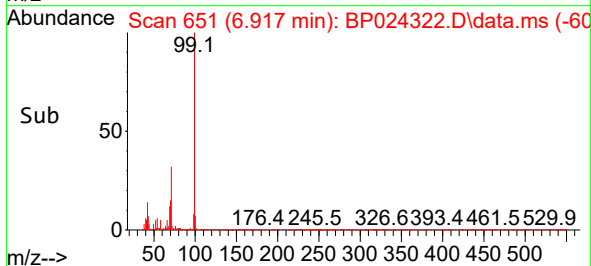
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PB167564BS



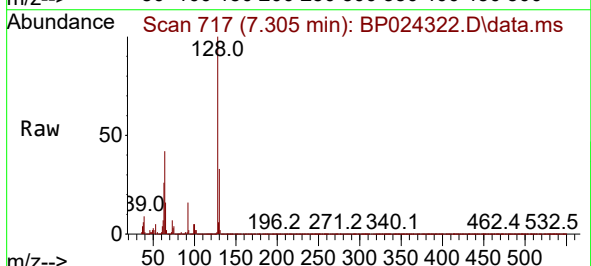
Tgt Ion: 99 Resp: 3618299
Ion Ratio Lower Upper
99 100
42 14.4 10.6 16.0
71 31.5 23.7 35.5

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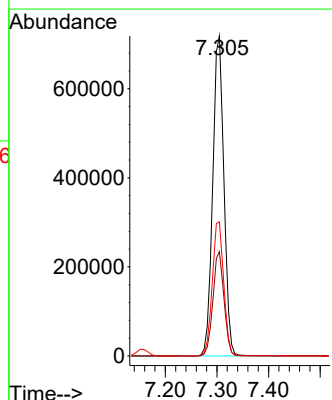
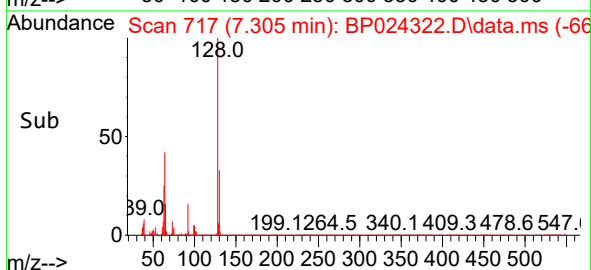
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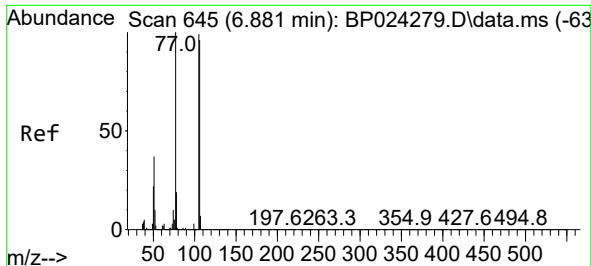


#8
2-Chlorophenol
Concen: 47.861 ng
RT: 7.305 min Scan# 717
Delta R.T. 0.000 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51



Tgt Ion:128 Resp: 1079648
Ion Ratio Lower Upper
128 100
130 32.6 12.9 52.9
64 41.9 22.7 62.7





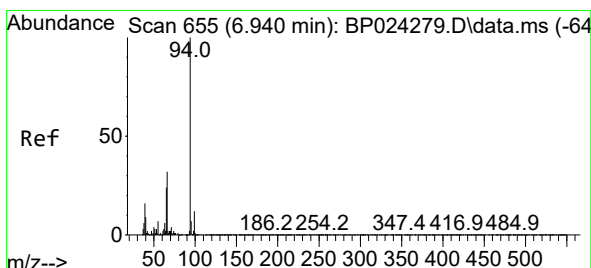
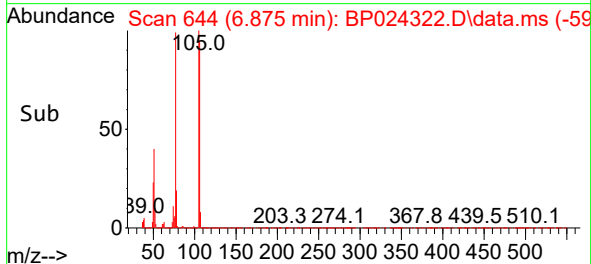
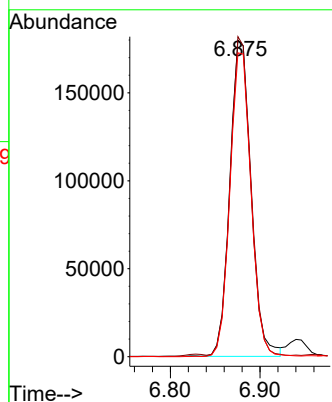
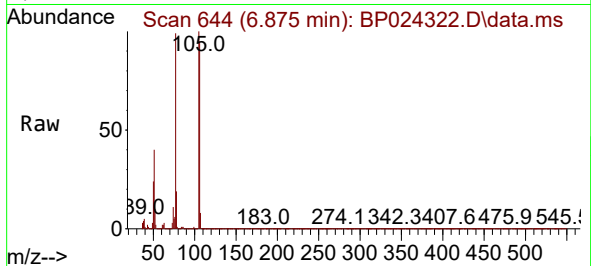
#9
Benzaldehyde
Concen: 21.543 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Instrument :
BNA_P
ClientSampleId :
PB167564BS

Tgt Ion: 77 Resp: 29481
Ion Ratio Lower Upper
77 100
105 101.2 79.2 119.2
106 96.1 76.2 116.2

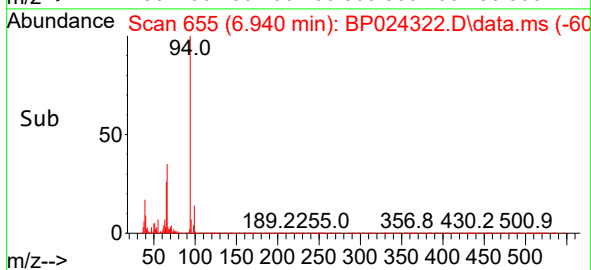
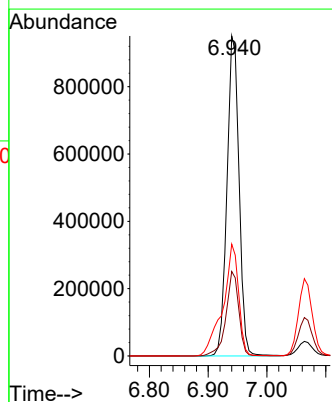
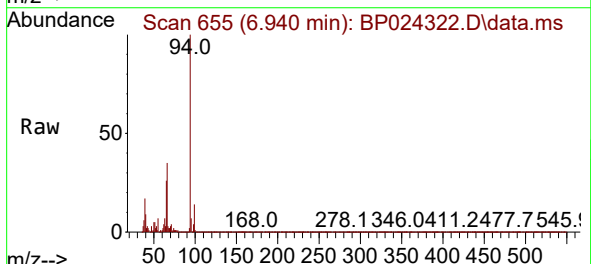
Manual Integrations
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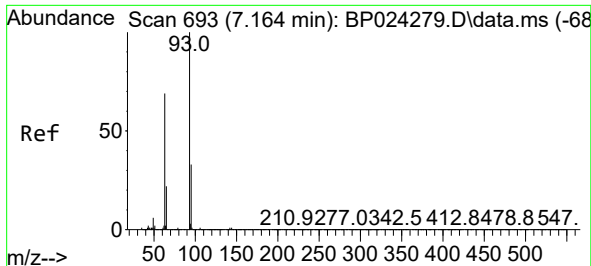
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#10
Phenol
Concen: 48.911 ng
RT: 6.940 min Scan# 655
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Tgt Ion: 94 Resp: 1357407
Ion Ratio Lower Upper
94 100
65 26.4 4.5 44.5
66 35.0 12.4 52.4





#11
bis(2-Chloroethyl)ether
Concen: 42.993 ng
RT: 7.158 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Instrument :

BNA_P

ClientSampleId :

PB167564BS

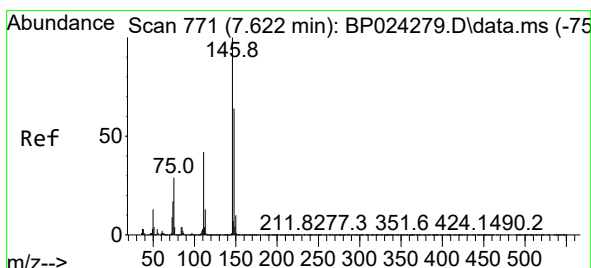
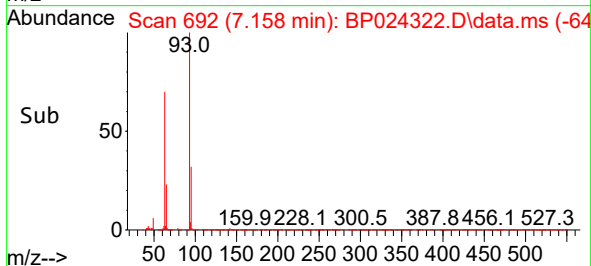
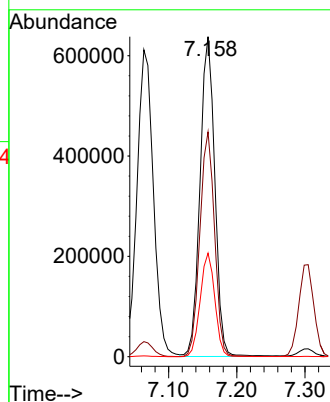
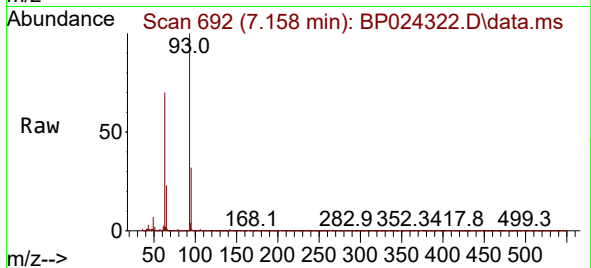
Tgt Ion: 93 Resp: 961345
Ion Ratio Lower Upper
93 100
63 70.3 48.6 88.6
95 32.3 12.3 52.3

Manual Integrations

APPROVED

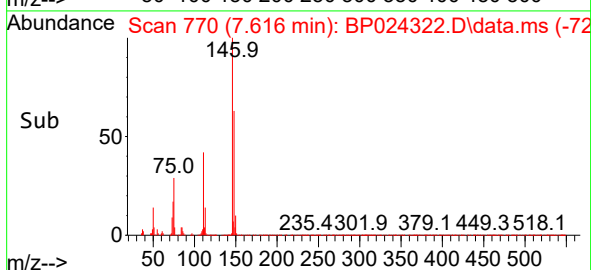
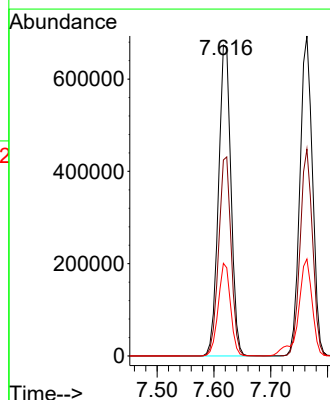
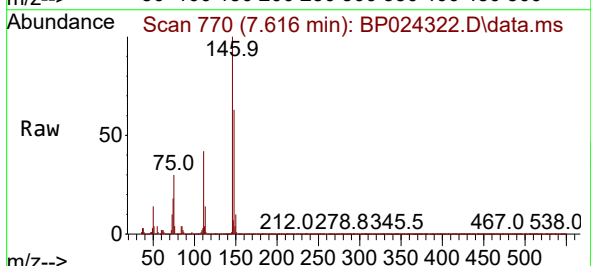
Reviewed By :Rahul Chavli 04/18/2025

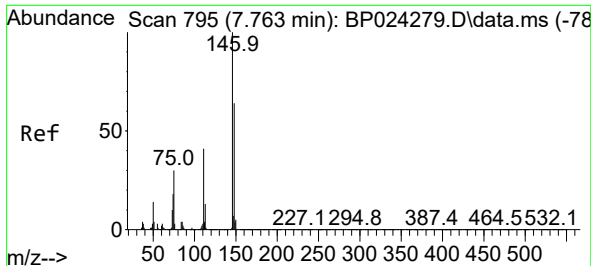
Supervised By :Jagrut Upadhyay 04/18/2025



#12
1,3-Dichlorobenzene
Concen: 42.444 ng
RT: 7.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

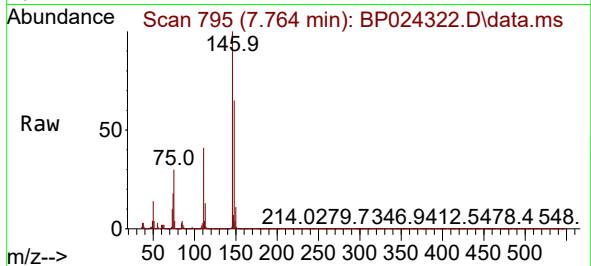
Tgt Ion:146 Resp: 1030757
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.0
75 29.8 22.9 34.3





#13
1,4-Dichlorobenzene
Concen: 43.043 ng
RT: 7.764 min Scan# 795
Delta R.T. 0.000 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

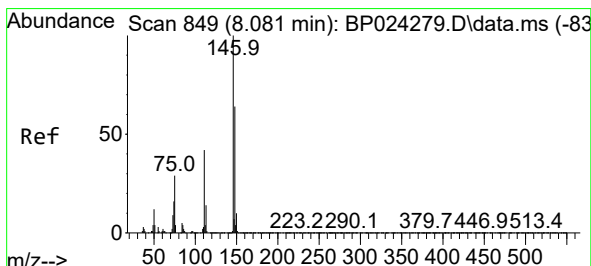
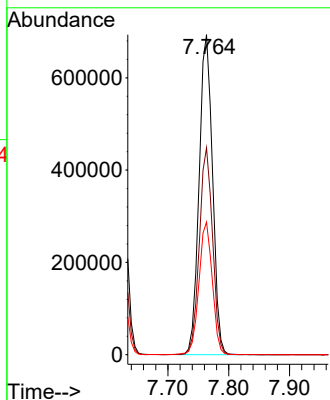
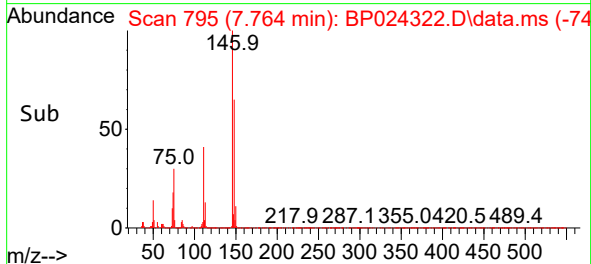
Instrument :
BNA_P
ClientSampleId :
PB167564BS



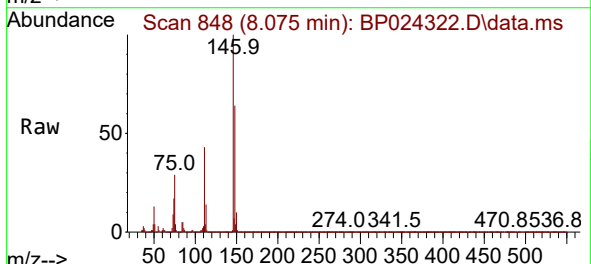
Tgt Ion:146 Resp: 1060590
Ion Ratio Lower Upper
146 100
148 64.6 51.1 76.7
111 41.5 32.6 48.8

Manual Integrations
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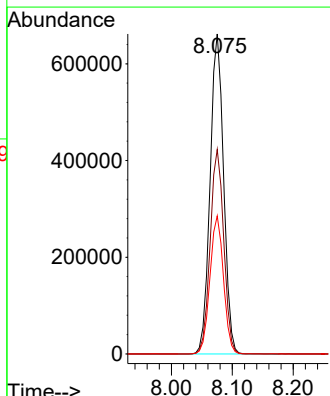
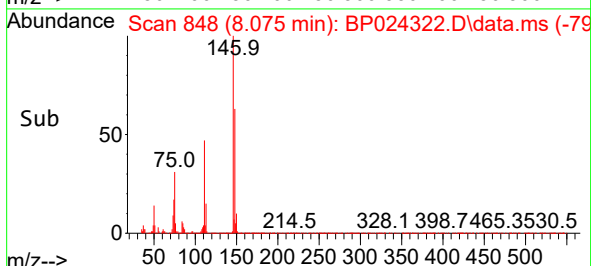
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

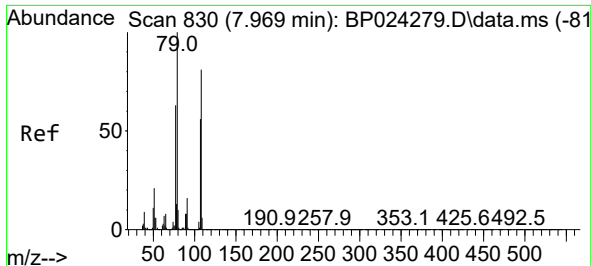


#14
1,2-Dichlorobenzene
Concen: 42.916 ng
RT: 8.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51



Tgt Ion:146 Resp: 1021098
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
111 43.2 33.8 50.8





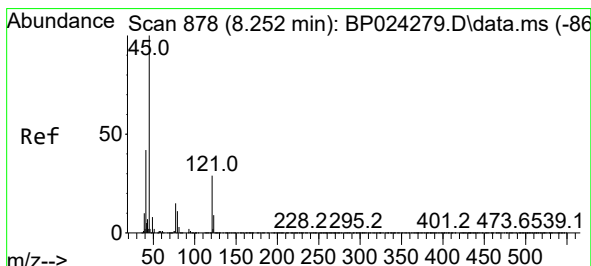
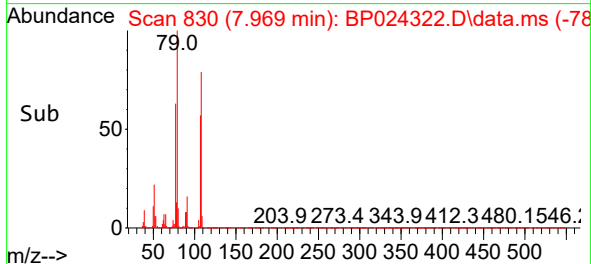
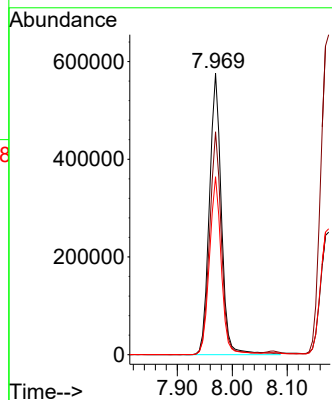
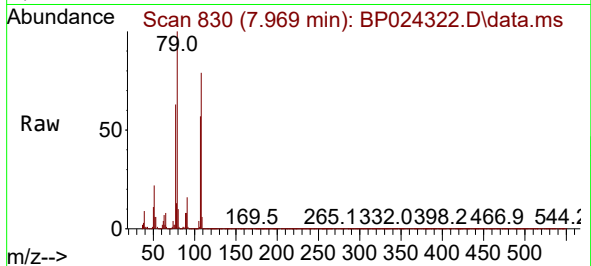
#15
Benzyl Alcohol
Concen: 48.712 ng
RT: 7.969 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Instrument :
BNA_P
ClientSampleId :
PB167564BS

Tgt Ion: 79 Resp: 871520
Ion Ratio Lower Upper
79 100
108 79.2 65.1 97.7
77 63.2 50.7 76.1

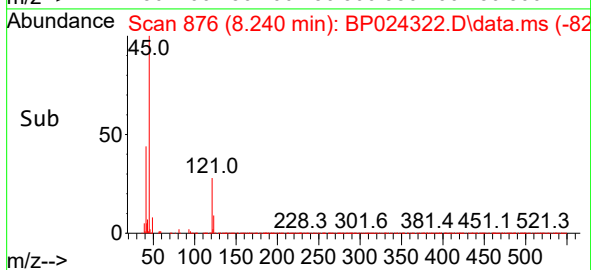
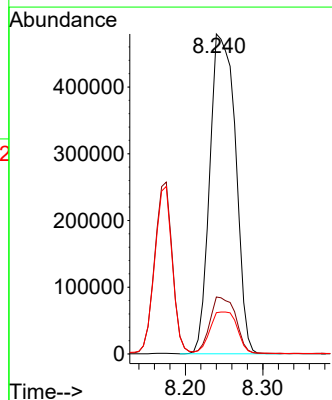
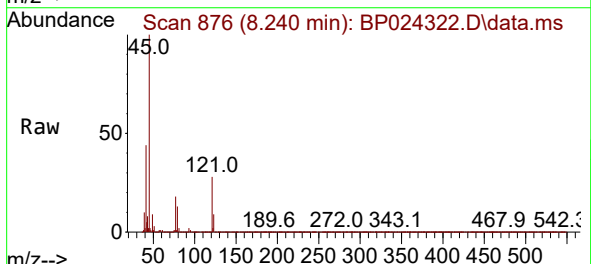
Manual Integrations
APPROVED

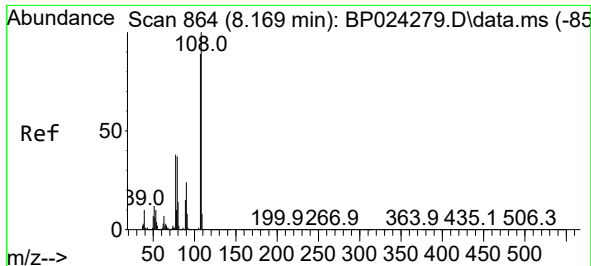
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.601 ng
RT: 8.240 min Scan# 876
Delta R.T. -0.017 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Tgt Ion: 45 Resp: 1102139
Ion Ratio Lower Upper
45 100
77 17.8 0.0 37.7
79 12.9 0.0 33.5





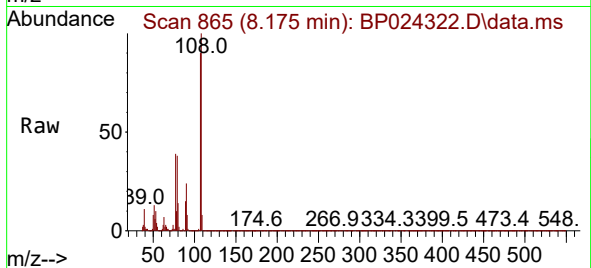
#17
2-Methylphenol
Concen: 51.707 ng
RT: 8.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Instrument :

BNA_P

ClientSampleId :

PB167564BS



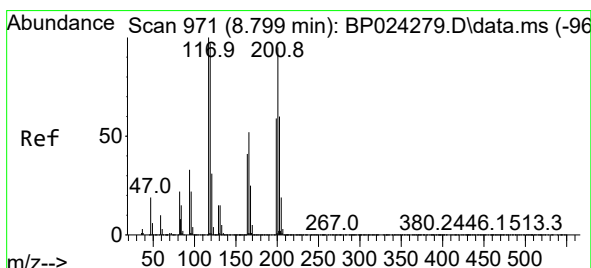
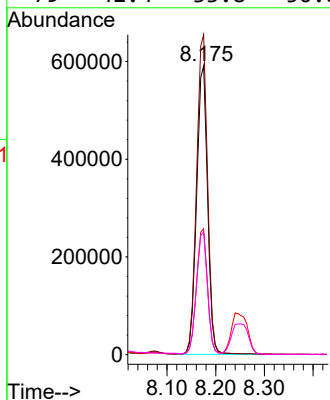
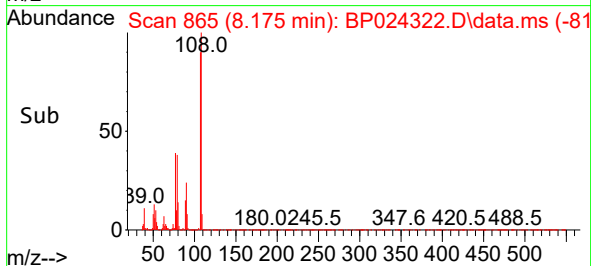
Tgt Ion:107 Resp: 928298
Ion Ratio Lower Upper
107 100
108 110.8 89.8 134.6
77 43.6 34.2 51.4
79 42.4 33.8 50.8

Manual Integrations

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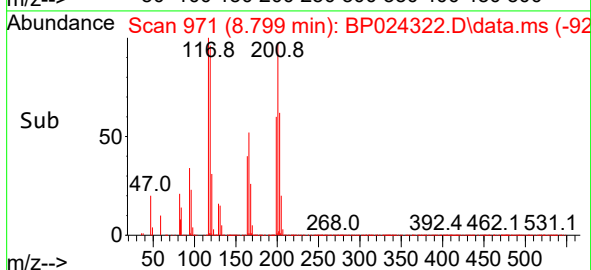
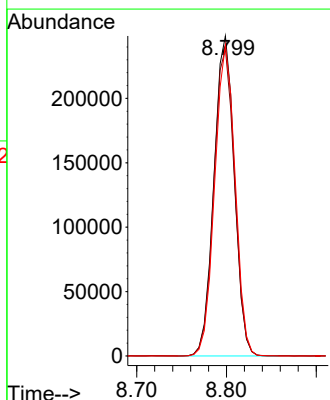
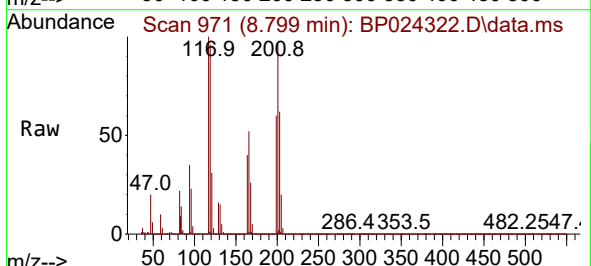
Reviewed By :Rahul Chavli 04/18/2025

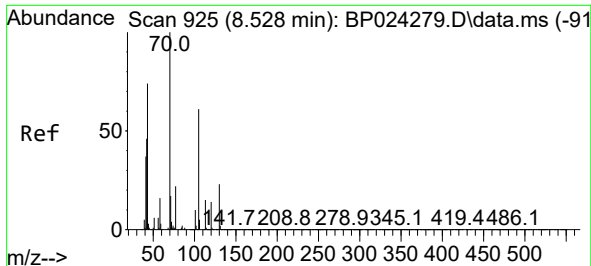
Supervised By :Jagrut Upadhyay 04/18/2025



#18
Hexachloroethane
Concen: 44.187 ng
RT: 8.799 min Scan# 971
Delta R.T. 0.000 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

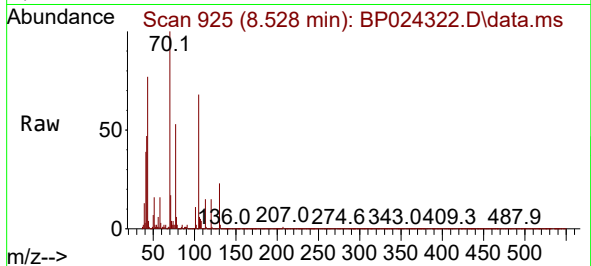
Tgt Ion:117 Resp: 393473
Ion Ratio Lower Upper
117 100
119 96.0 77.8 116.6
201 97.2 75.9 113.9





#19
n-Nitroso-di-n-propylamine
Concen: 43.975 ng
RT: 8.528 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

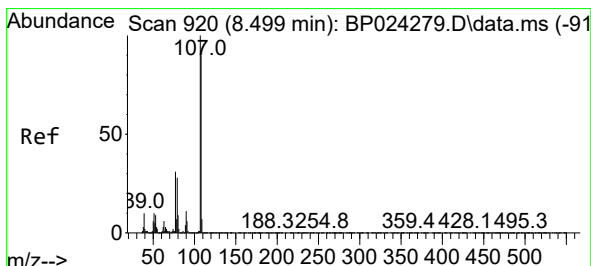
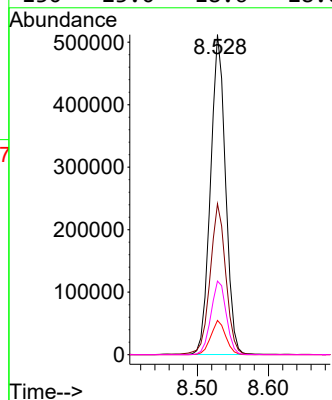
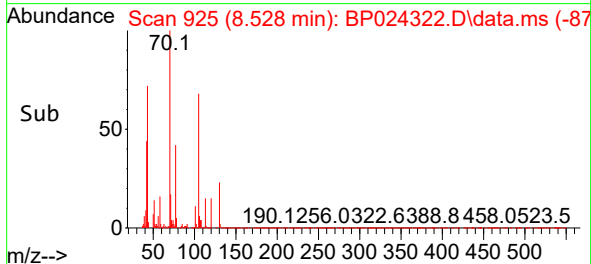
Instrument :
BNA_P
ClientSampleId :
PB167564BS



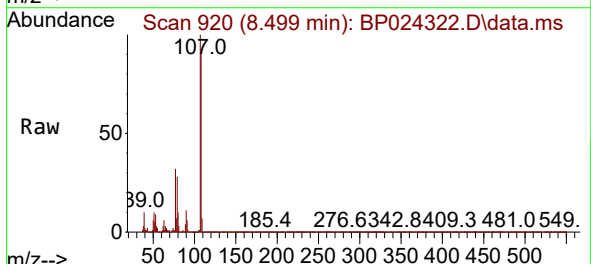
Tgt Ion: 70 Resp: 752644
Ion Ratio Lower Upper
70 100
42 47.1 37.3 55.9
101 10.7 8.2 12.4
130 23.0 18.6 28.0

Manual Integrations
APPROVED

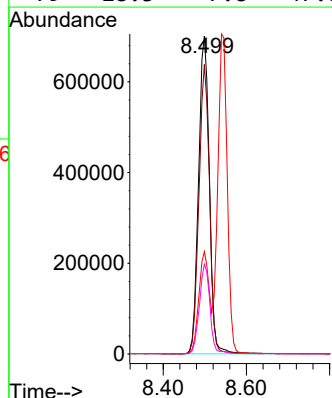
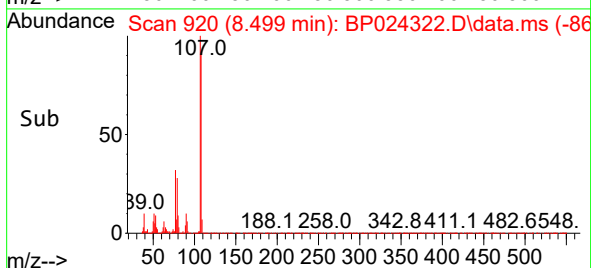
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

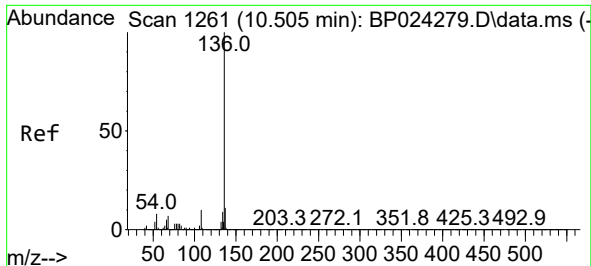


#20
3+4-Methylphenols
Concen: 50.780 ng
RT: 8.499 min Scan# 920
Delta R.T. 0.000 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51



Tgt Ion:107 Resp: 1264970
Ion Ratio Lower Upper
107 100
108 91.1 69.8 109.8
77 32.2 11.5 51.5
79 28.3 7.8 47.8





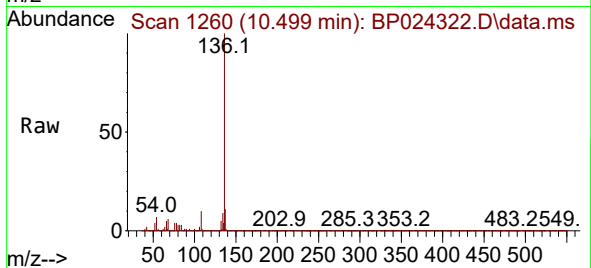
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.499 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Instrument :

BNA_P

ClientSampleId :

PB167564BS



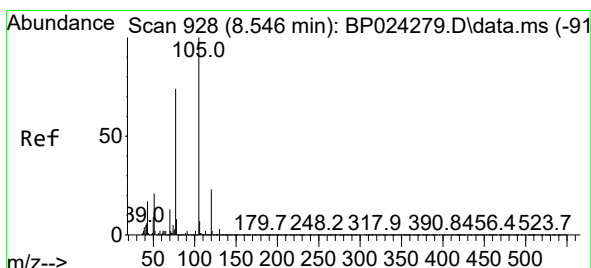
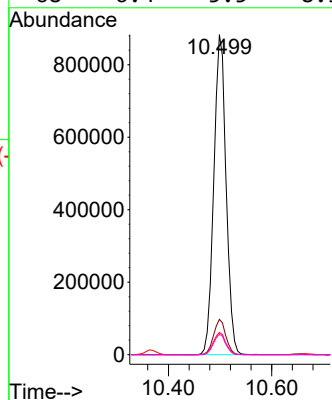
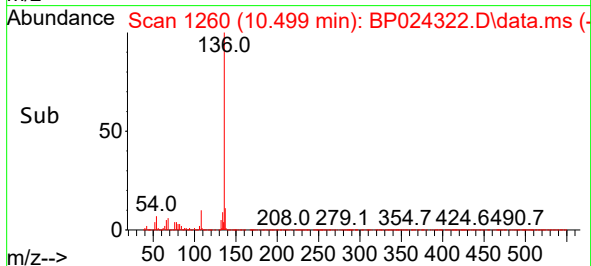
Tgt Ion:136 Resp: 145179
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 6.9 6.0 9.0
68 6.4 5.5 8.3

Manual Integrations

APPROVED

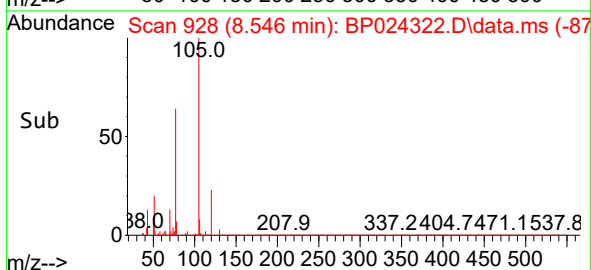
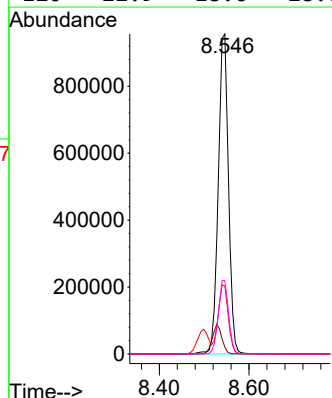
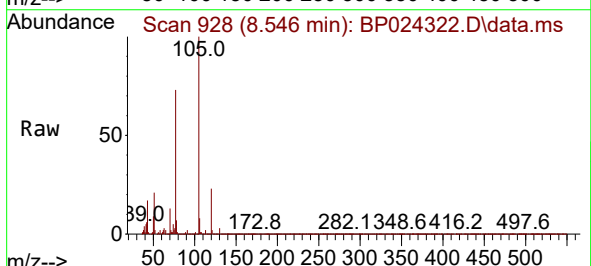
Reviewed By :Rahul Chavli 04/18/2025

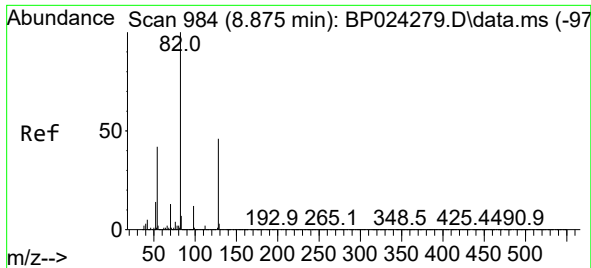
Supervised By :Jagrut Upadhyay 04/18/2025



#22
Acetophenone
Concen: 42.130 ng
RT: 8.546 min Scan# 928
Delta R.T. 0.000 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Tgt Ion:105 Resp: 1513862
Ion Ratio Lower Upper
105 100
71 2.1 1.7 2.5
51 21.2 16.9 25.3
120 22.9 18.6 28.0





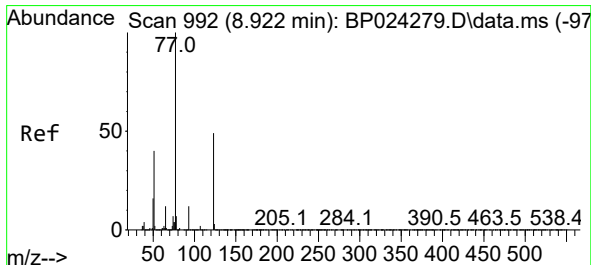
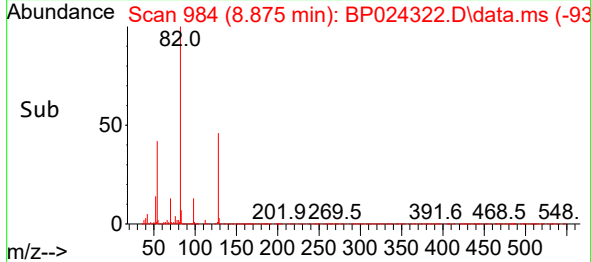
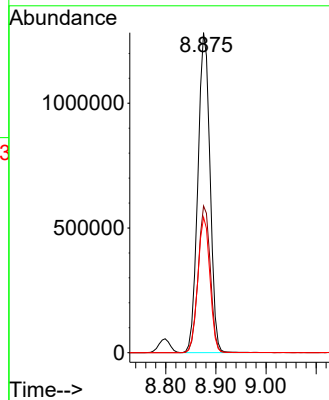
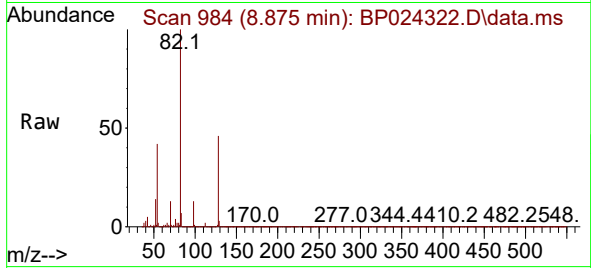
#23
Nitrobenzene-d5
Concen: 84.368 ng
RT: 8.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Instrument :
BNA_P
ClientSampleId :
PB167564BS

Tgt Ion: 82 Resp: 2148075
Ion Ratio Lower Upper
82 100
128 45.9 36.5 54.7
54 42.3 33.4 50.2

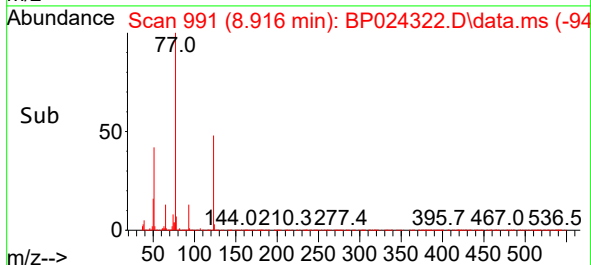
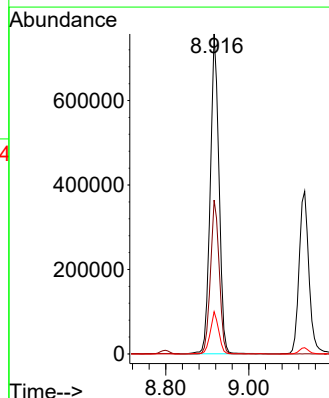
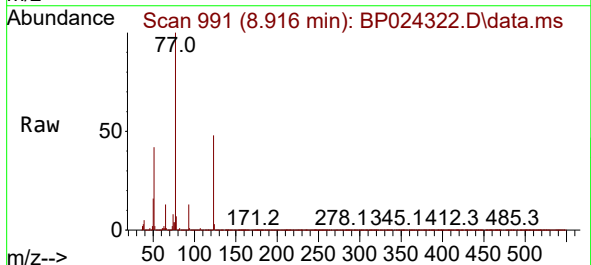
Manual Integrations
APPROVED

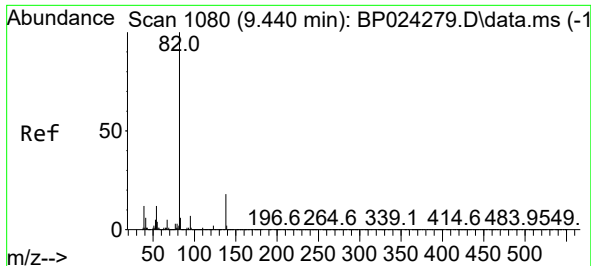
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#24
Nitrobenzene
Concen: 43.855 ng
RT: 8.916 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

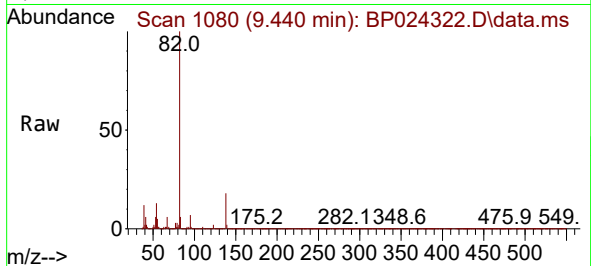
Tgt Ion: 77 Resp: 1104577
Ion Ratio Lower Upper
77 100
123 48.1 39.2 58.8
65 13.2 9.8 14.6





#25
Isophorone
Concen: 46.650 ng
RT: 9.440 min Scan# 1080
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

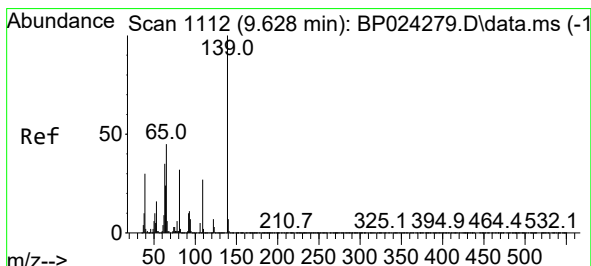
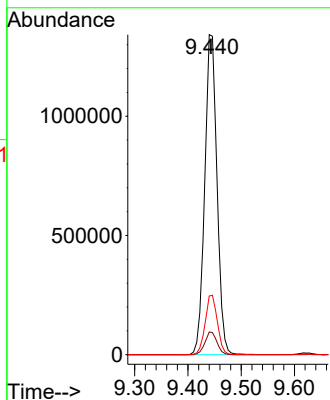
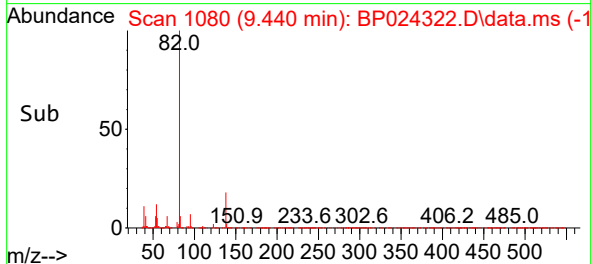
Instrument :
BNA_P
ClientSampleId :
PB167564BS



Tgt Ion: 82 Resp: 214987
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 18.4 14.4 21.6

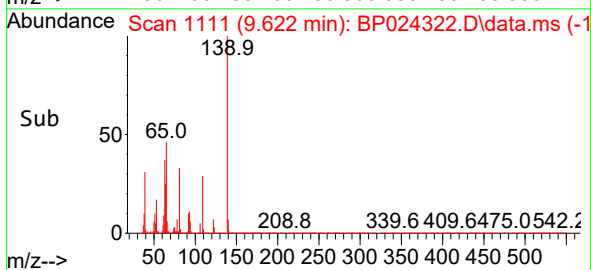
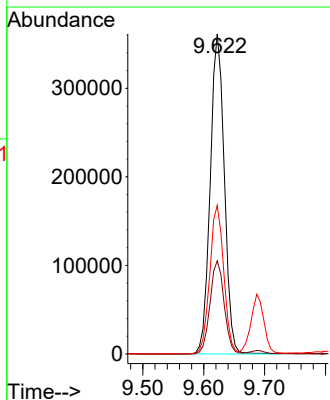
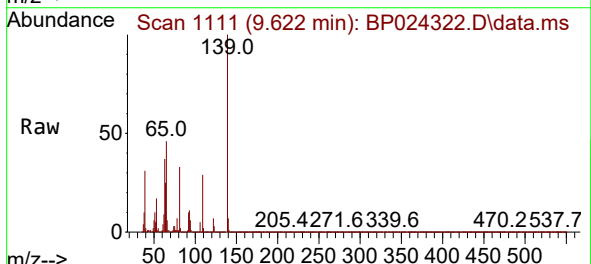
Manual Integrations
APPROVED

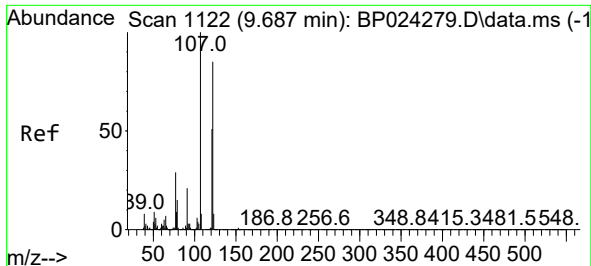
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#26
2-Nitrophenol
Concen: 47.180 ng
RT: 9.622 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Tgt Ion:139 Resp: 581538
Ion Ratio Lower Upper
139 100
109 29.1 21.8 32.6
65 46.4 36.2 54.2





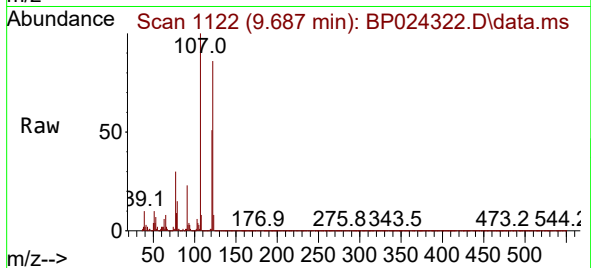
#27
2,4-Dimethylphenol
Concen: 68.269 ng
RT: 9.687 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Instrument :

BNA_P

ClientSampleId :

PB167564BS



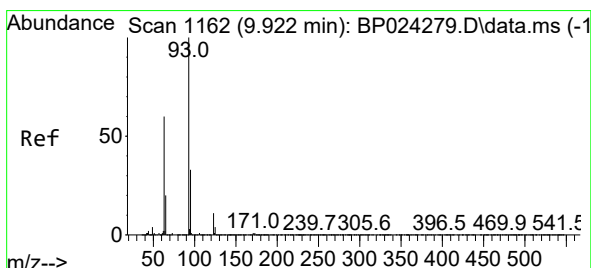
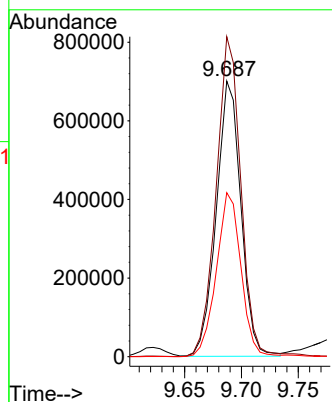
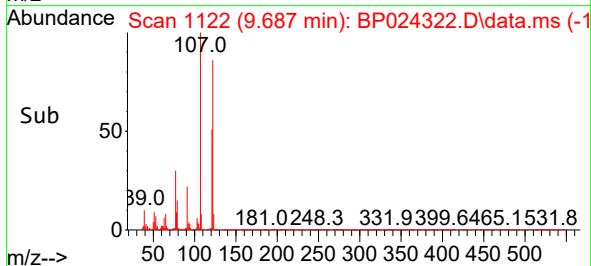
Tgt Ion:122 Resp: 1056580
Ion Ratio Lower Upper
122 100
107 116.1 93.7 140.5
121 59.5 48.2 72.2

Manual Integrations

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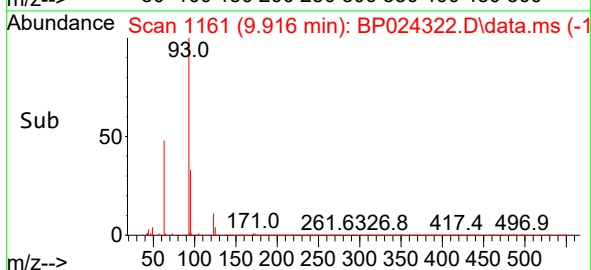
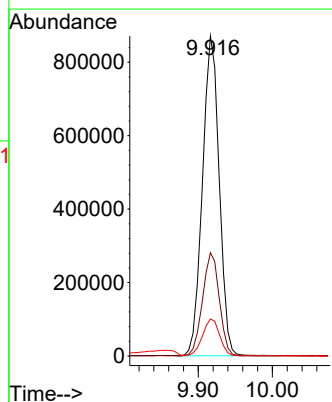
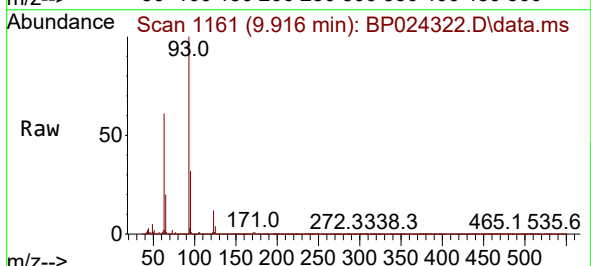
Reviewed By :Rahul Chavli 04/18/2025

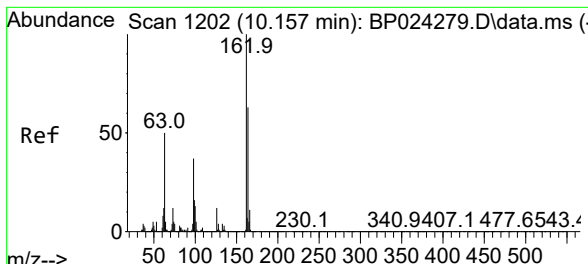
Supervised By :Jagrut Upadhyay 04/18/2025



#28
bis(2-Chloroethoxy)methane
Concen: 43.871 ng
RT: 9.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Tgt Ion: 93 Resp: 1365811
Ion Ratio Lower Upper
93 100
95 32.3 26.0 39.0
123 11.6 9.1 13.7





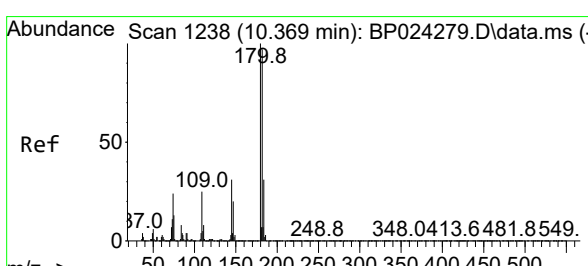
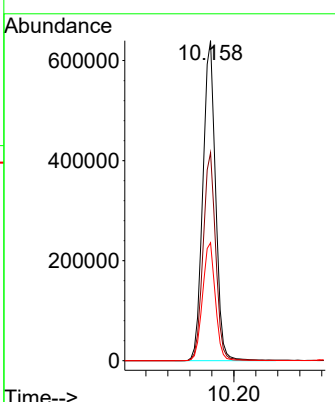
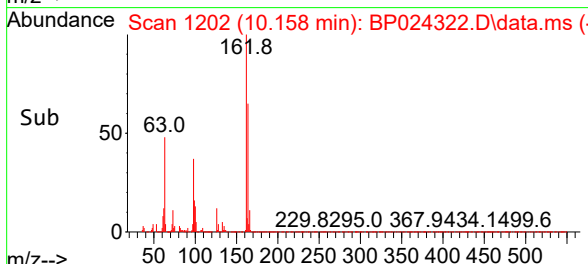
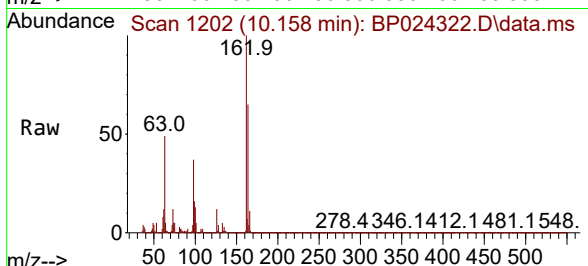
#29
 2,4-Dichlorophenol
 Concen: 48.576 ng
 RT: 10.158 min Scan# 1202
 Delta R.T. 0.000 min
 Lab File: BP024322.D
 Acq: 17 Apr 2025 11:51

Instrument : BNA_P
 ClientSampleId : PB167564BS

Tgt Ion:162 Resp: 1025078

Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.3	83.3
98	36.8	16.6	56.6

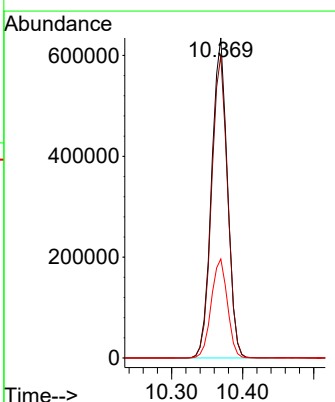
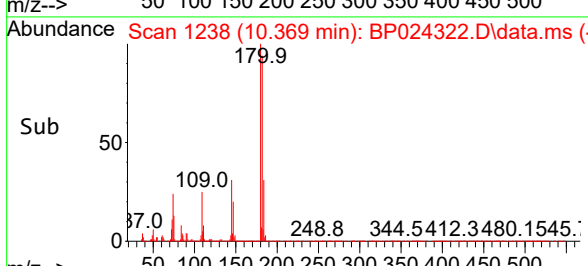
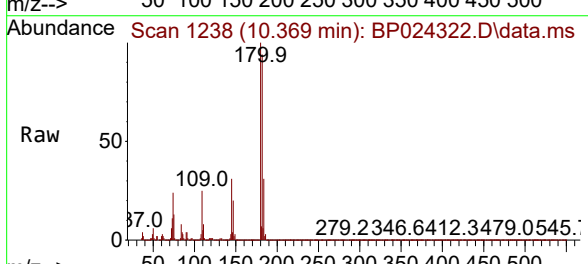
Manual Integrations
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 Reviewed By :Rahul Chavli 04/18/2025
 Supervised By :Jagrut Upadhyay 04/18/2025

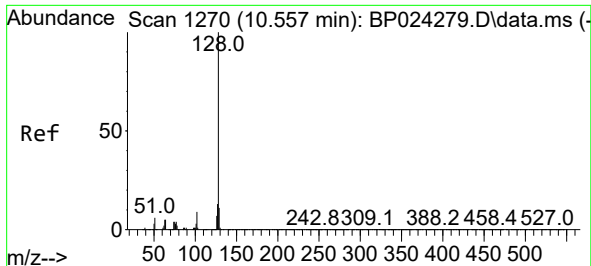


#30
 1,2,4-Trichlorobenzene
 Concen: 43.241 ng
 RT: 10.369 min Scan# 1238
 Delta R.T. 0.000 min
 Lab File: BP024322.D
 Acq: 17 Apr 2025 11:51

Tgt Ion:180 Resp: 977668

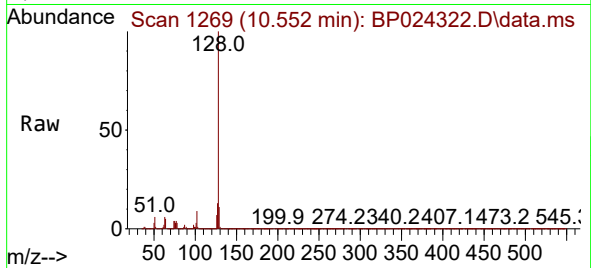
Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.3	115.9
145	31.0	25.1	37.7





#31
Naphthalene
Concen: 41.121 ng
RT: 10.552 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

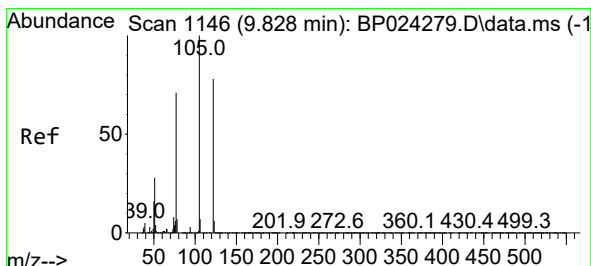
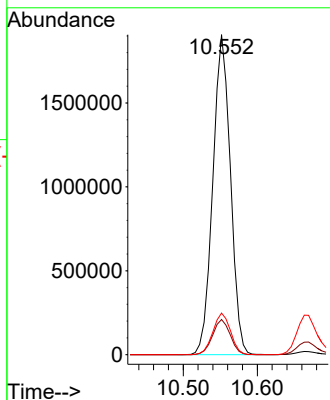
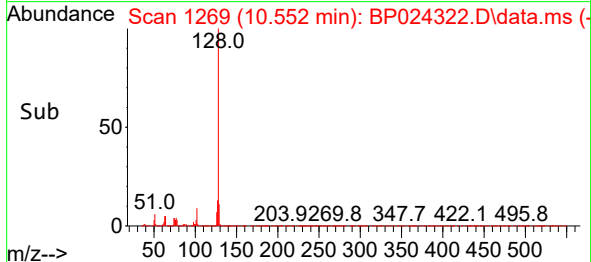
Instrument :
BNA_P
ClientSampleId :
PB167564BS



Tgt Ion:128 Resp: 3144759
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.0 10.3 15.5

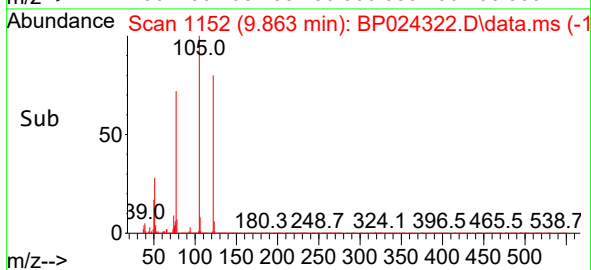
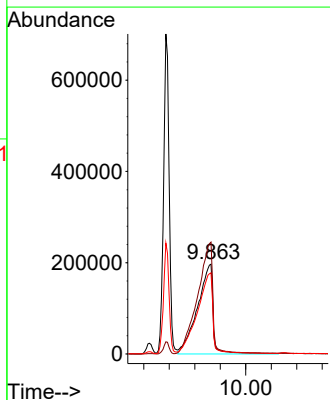
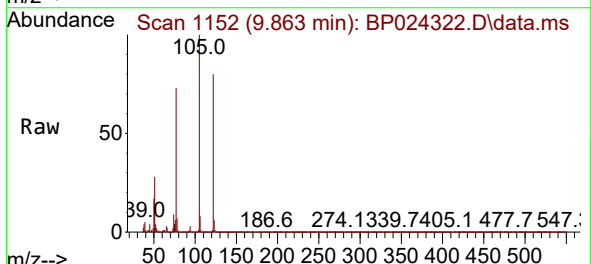
Manual Integrations
APPROVED

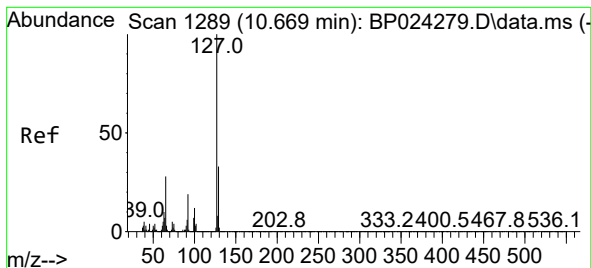
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#32
Benzoic acid
Concen: 46.890 ng m
RT: 9.863 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

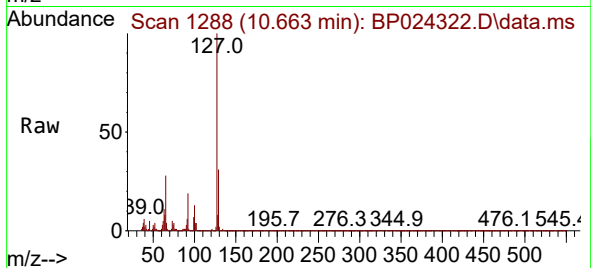
Tgt Ion:122 Resp: 845605
Ion Ratio Lower Upper
122 100
105 124.6 104.8 144.8
77 90.5 69.2 109.2





#33
4-Chloroaniline
Concen: 17.547 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

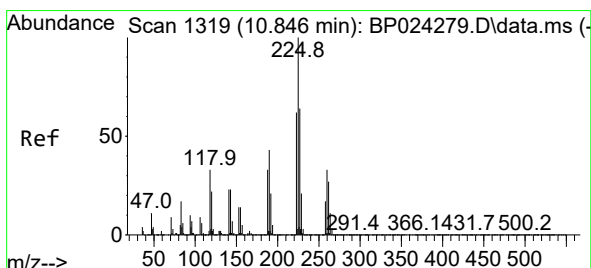
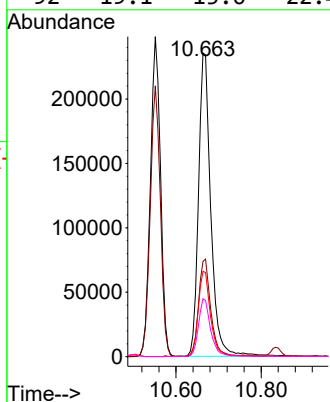
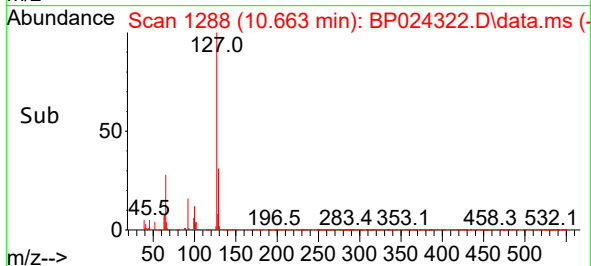
Instrument :
BNA_P
ClientSampleId :
PB167564BS



Tgt Ion:127 Resp: 47255
Ion Ratio Lower Upper
127 100
129 31.4 26.1 39.1
65 28.1 22.1 33.1
92 19.1 15.0 22.4

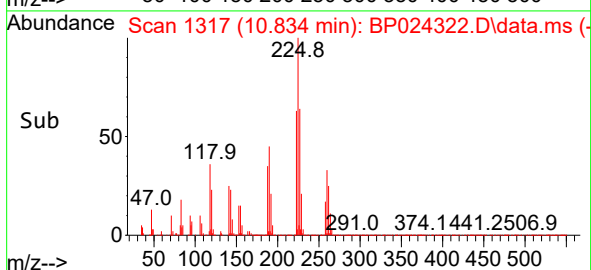
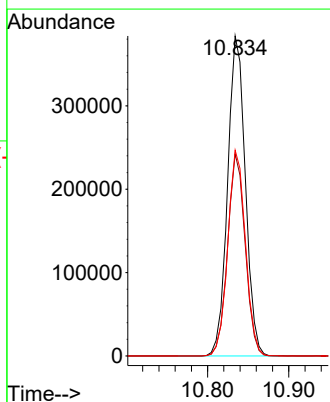
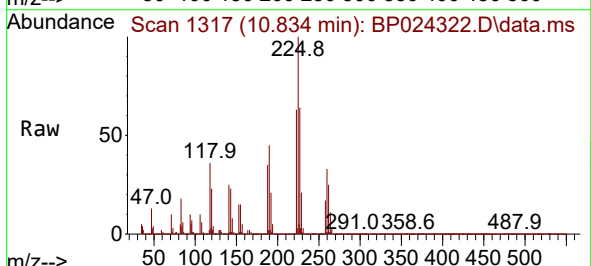
Manual Integrations
APPROVED

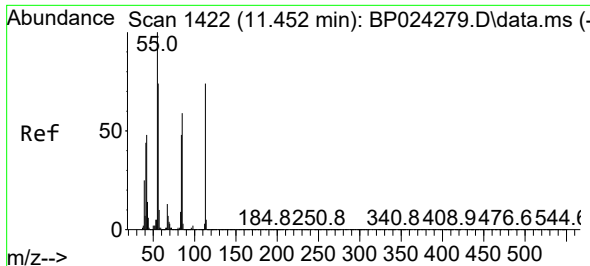
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#34
Hexachlorobutadiene
Concen: 43.802 ng
RT: 10.834 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

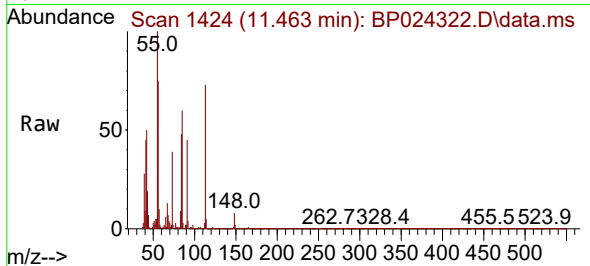
Tgt Ion:225 Resp: 581954
Ion Ratio Lower Upper
225 100
223 63.2 49.5 74.3
227 64.3 50.9 76.3





#35
Caprolactam
Concen: 45.907 ng
RT: 11.463 min Scan# 1422
Delta R.T. -0.017 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

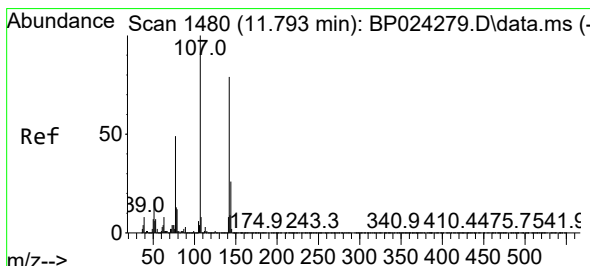
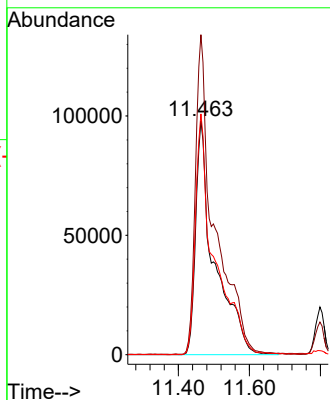
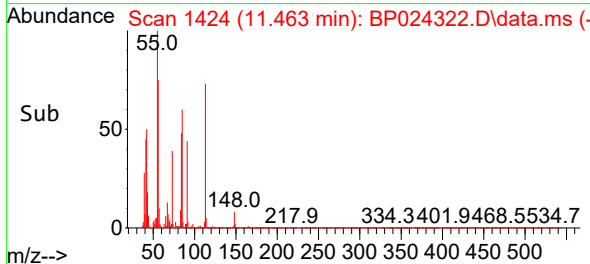
Instrument :
BNA_P
ClientSampleId :
PB167564BS



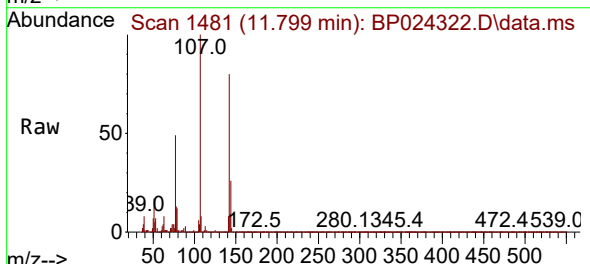
Tgt Ion:113 Resp: 357452
Ion Ratio Lower Upper
113 100
55 136.8 115.9 155.9
56 103.0 81.1 121.1

Manual Integrations
APPROVED

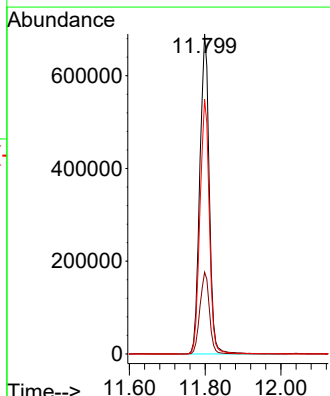
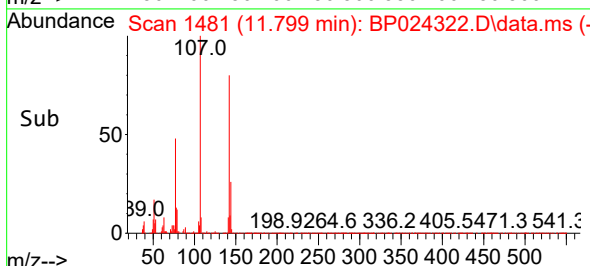
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

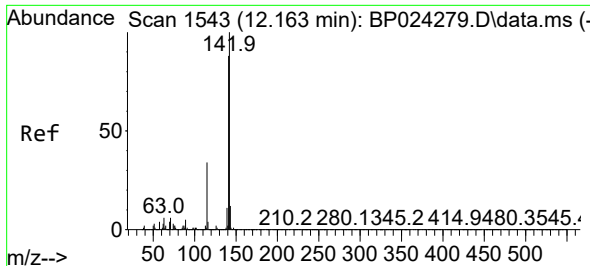


#36
4-Chloro-3-methylphenol
Concen: 48.373 ng
RT: 11.799 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51



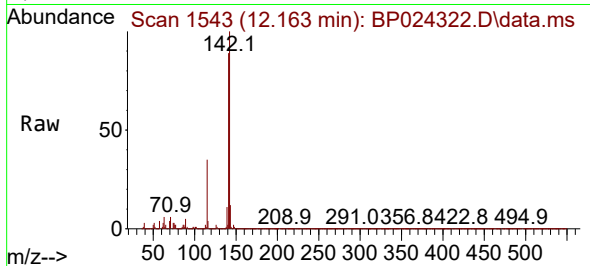
Tgt Ion:107 Resp: 1188991
Ion Ratio Lower Upper
107 100
144 25.6 20.5 30.7
142 79.6 63.4 95.2





#37
2-Methylnaphthalene
Concen: 38.801 ng
RT: 12.163 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

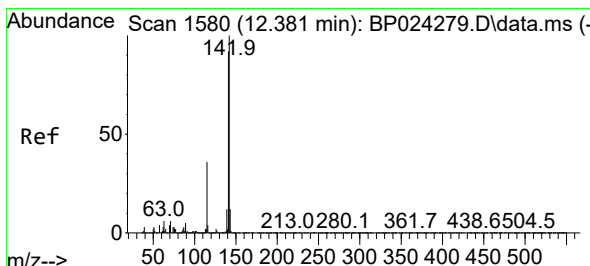
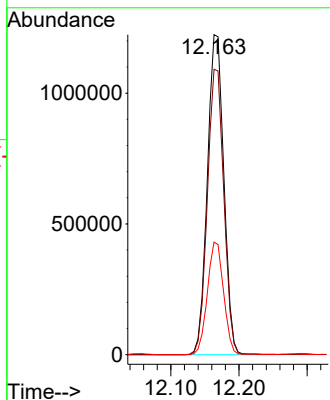
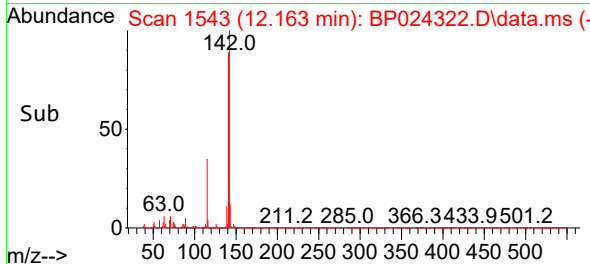
Instrument :
BNA_P
ClientSampleId :
PB167564BS



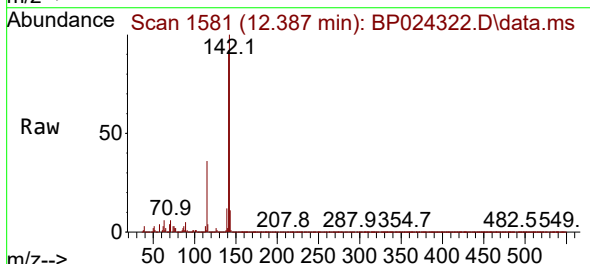
Tgt Ion:142 Resp: 205790
Ion Ratio Lower Upper
142 100
141 89.2 70.3 105.5
115 35.2 26.9 40.3

Manual Integrations
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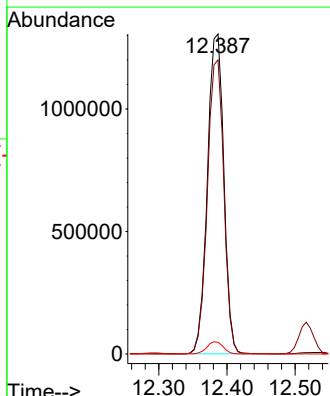
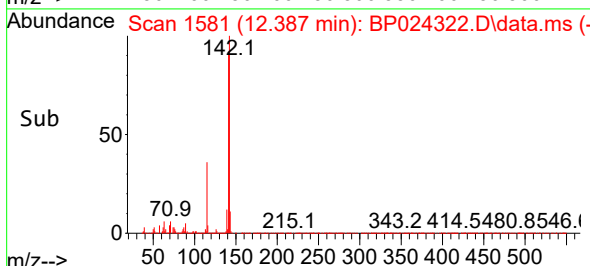
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

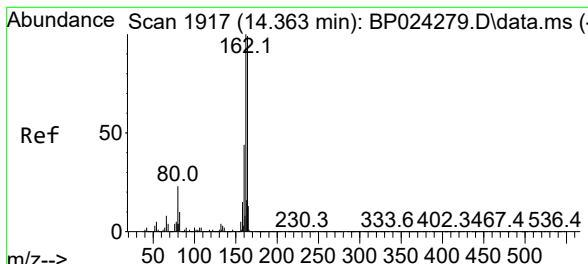


#38
1-Methylnaphthalene
Concen: 42.204 ng
RT: 12.387 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51



Tgt Ion:142 Resp: 2189742
Ion Ratio Lower Upper
142 100
141 91.9 73.6 110.4
116 3.7 3.0 4.6





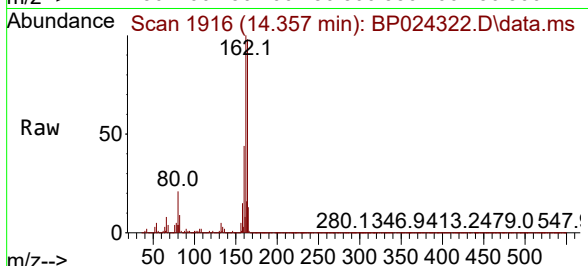
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.357 min Scan# 1916
 Delta R.T. -0.012 min
 Lab File: BP024322.D
 Acq: 17 Apr 2025 11:51

Instrument :

BNA_P

ClientSampleId :

PB167564BS



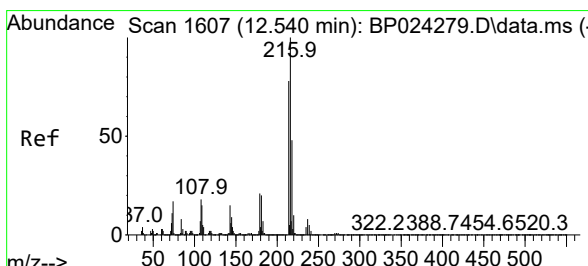
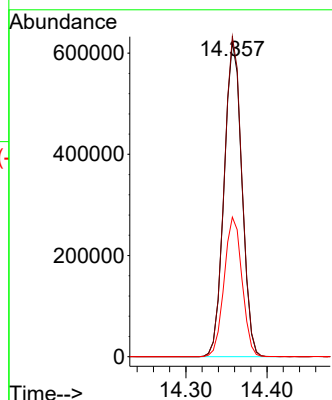
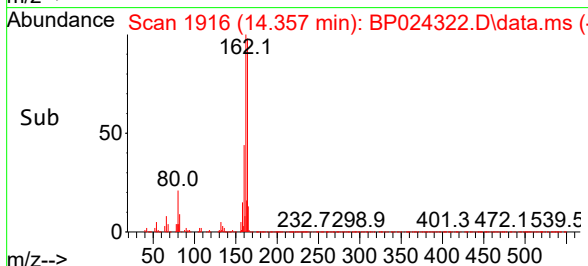
Tgt Ion:	164	Resp:	946390
Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	120.8
160	44.3	35.3	52.9

Manual Integrations

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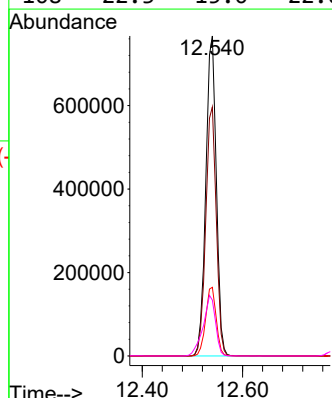
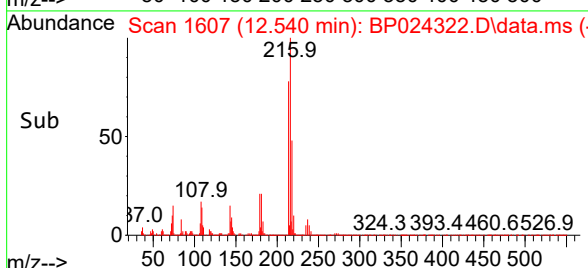
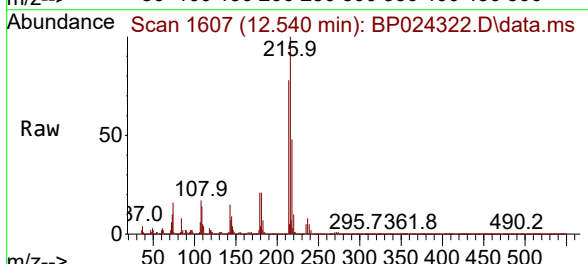
Reviewed By :Rahul Chavli 04/18/2025

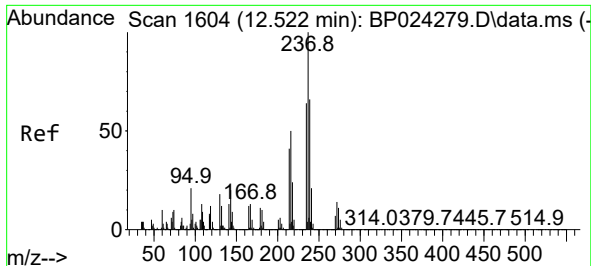
Supervised By :Jagrut Upadhyay 04/18/2025



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.855 ng
 RT: 12.540 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BP024322.D
 Acq: 17 Apr 2025 11:51

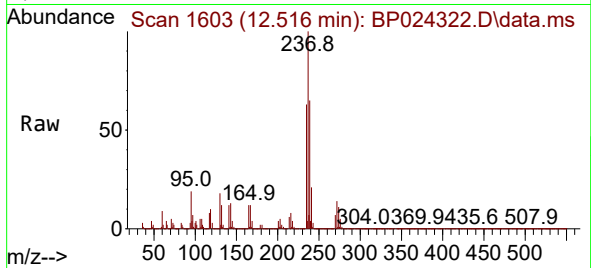
Tgt Ion:	216	Resp:	1115334
Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.6	93.8
179	21.7	17.2	25.8
108	22.3	15.0	22.6





#41
Hexachlorocyclopentadiene
Concen: 169.206 ng
RT: 12.516 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

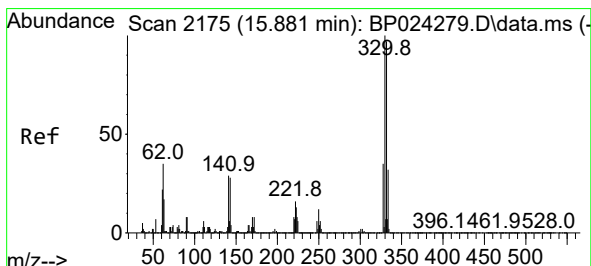
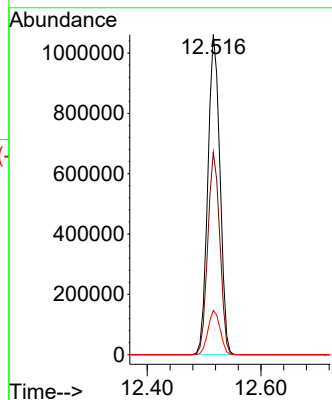
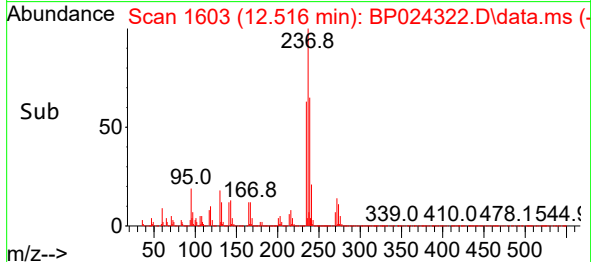
Instrument :
BNA_P
ClientSampleId :
PB167564BS



Tgt Ion:237 Resp: 1557478
Ion Ratio Lower Upper
237 100
235 63.2 43.9 83.9
272 13.9 0.0 33.6

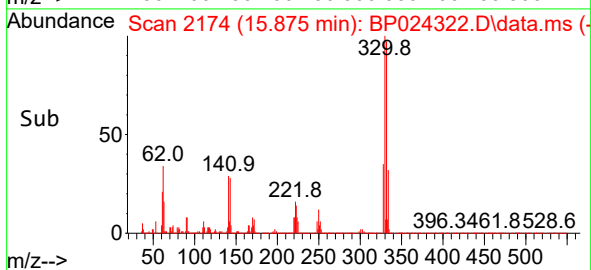
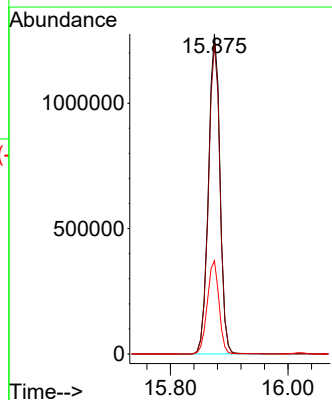
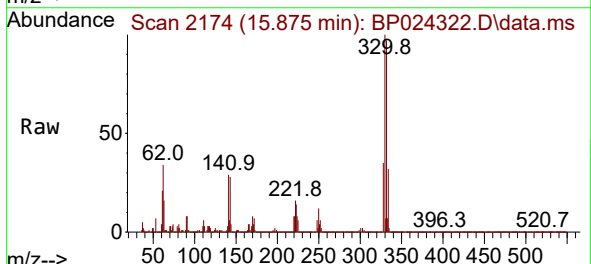
Manual Integrations
APPROVED

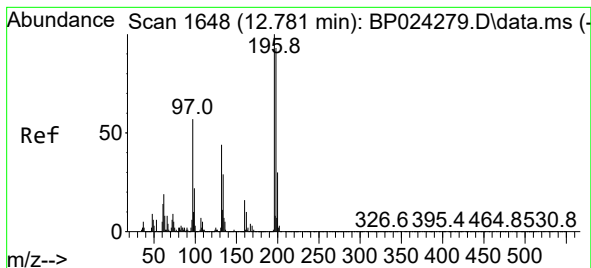
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#42
2,4,6-Tribromophenol
Concen: 132.043 ng
RT: 15.875 min Scan# 2174
Delta R.T. -0.017 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

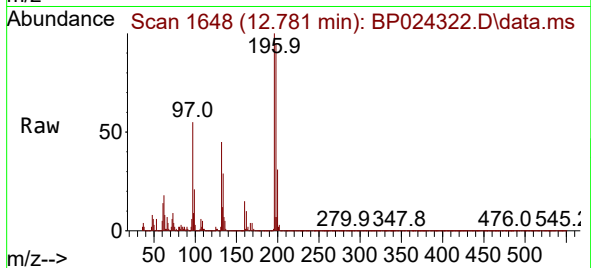
Tgt Ion:330 Resp: 1728940
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 29.7 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 47.984 ng
RT: 12.781 min Scan# 1648
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

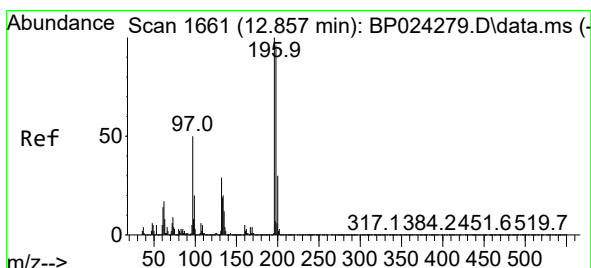
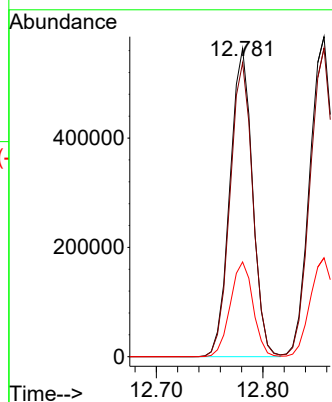
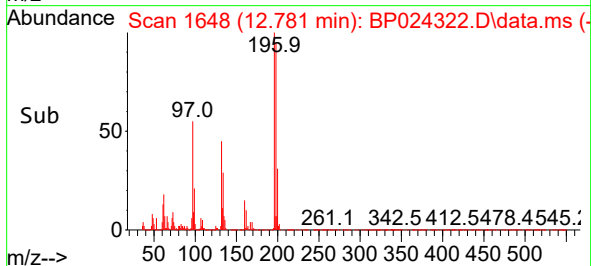
Instrument :
BNA_P
ClientSampleId :
PB167564BS



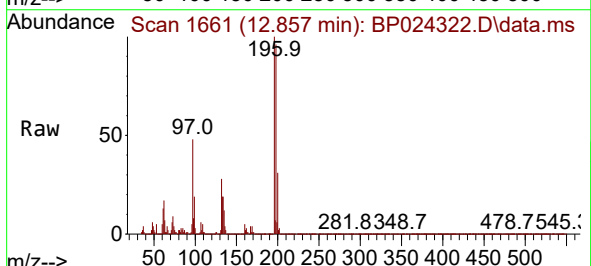
Tgt Ion:196 Resp: 830279
Ion Ratio Lower Upper
196 100
198 95.4 74.3 111.5
200 30.7 24.0 36.0

Manual Integrations
APPROVED

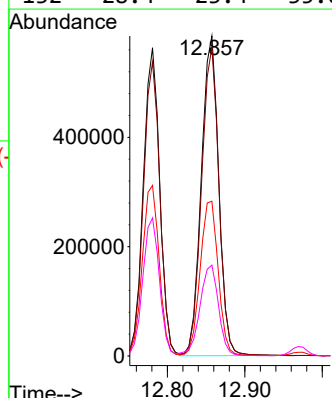
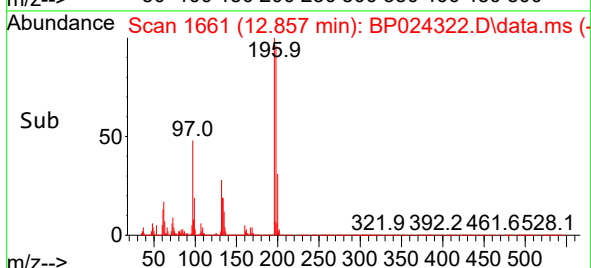
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

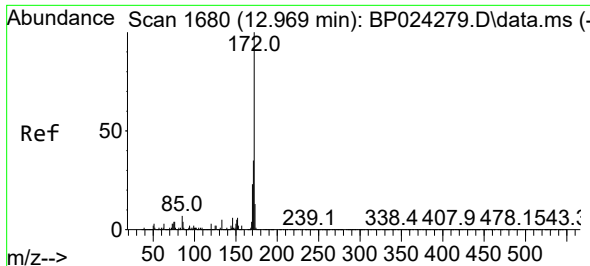


#44
2,4,5-Trichlorophenol
Concen: 47.846 ng
RT: 12.857 min Scan# 1661
Delta R.T. -0.012 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51



Tgt Ion:196 Resp: 916797
Ion Ratio Lower Upper
196 100
198 96.4 77.3 115.9
97 48.3 40.4 60.6
132 28.4 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 82.280 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Instrument :

BNA_P

ClientSampleId :

PB167564BS

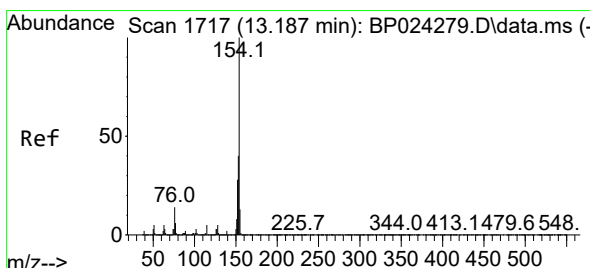
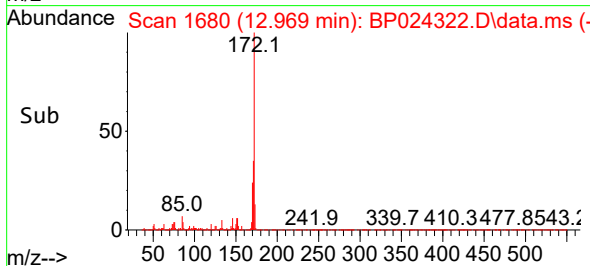
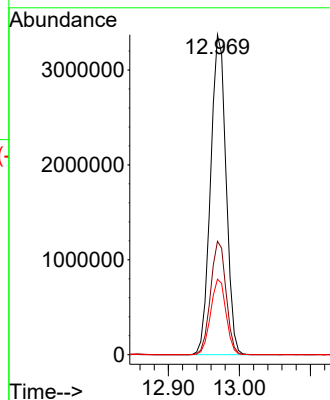
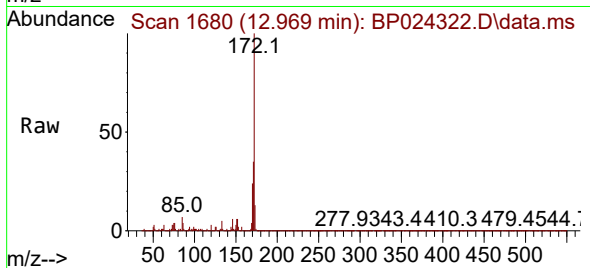
Tgt Ion:172 Resp: 508578
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.6 18.6 27.8

Manual Integrations

APPROVED

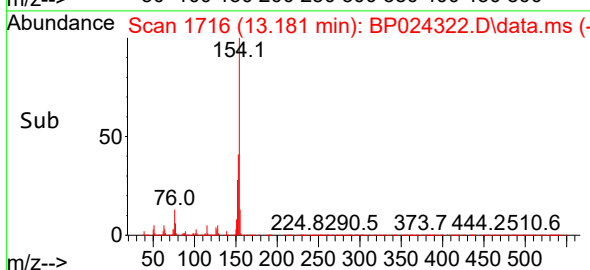
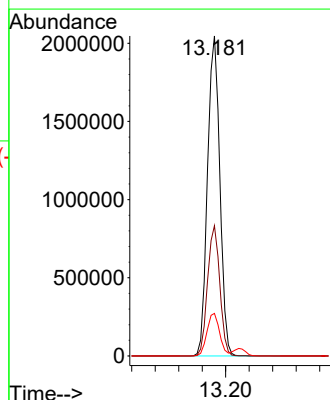
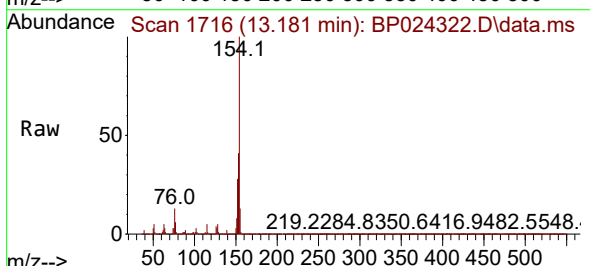
Reviewed By :Rahul Chavli 04/18/2025

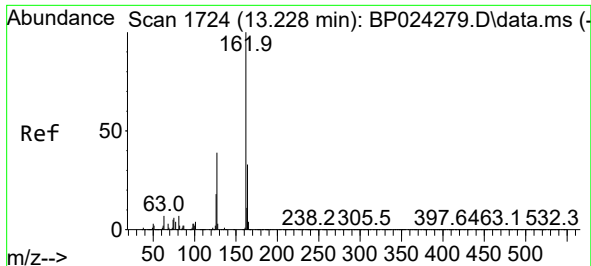
Supervised By :Jagrut Upadhyay 04/18/2025



#46
1,1'-Biphenyl
Concen: 42.935 ng
RT: 13.181 min Scan# 1716
Delta R.T. -0.017 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Tgt Ion:154 Resp: 2986755
Ion Ratio Lower Upper
154 100
153 40.7 20.3 60.3
76 13.3 0.0 33.5





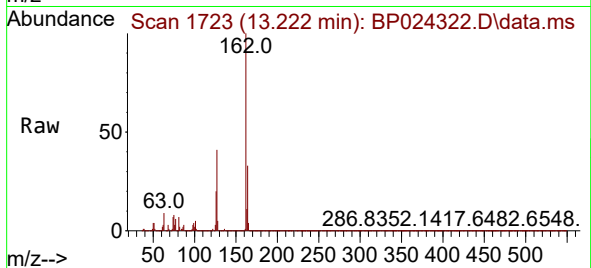
#47
2-Chloronaphthalene
Concen: 43.403 ng
RT: 13.222 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Instrument :

BNA_P

ClientSampleId :

PB167564BS



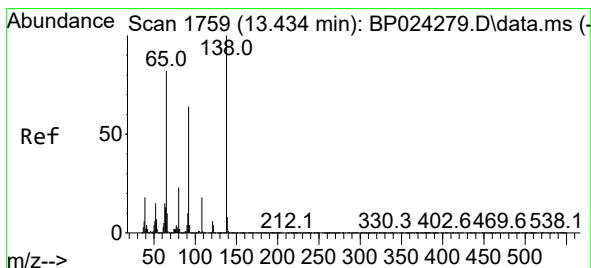
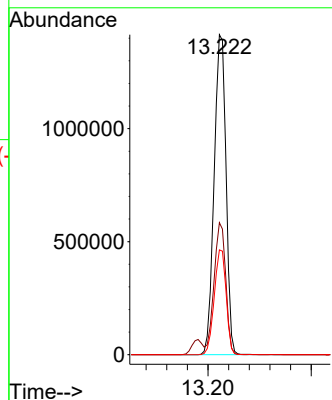
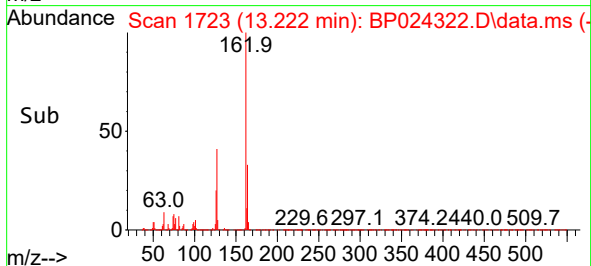
Tgt Ion:162 Resp: 225660
Ion Ratio Lower Upper
162 100
127 41.2 31.9 47.9
164 32.7 26.2 39.4

Manual Integrations

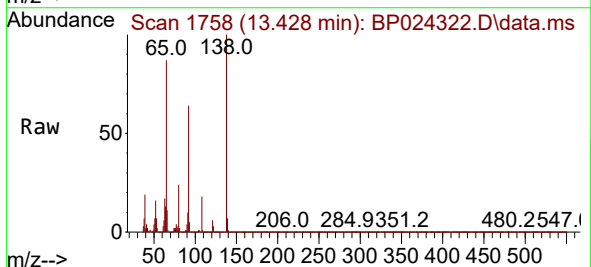
APPROVED

Reviewed By :Rahul Chavli 04/18/2025

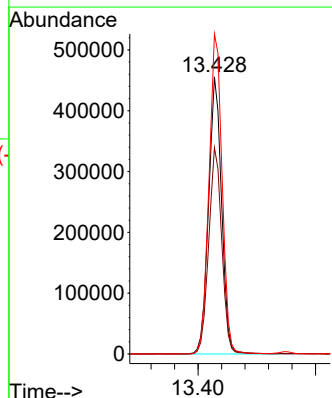
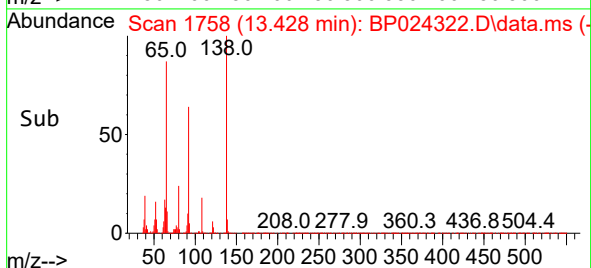
Supervised By :Jagrut Upadhyay 04/18/2025

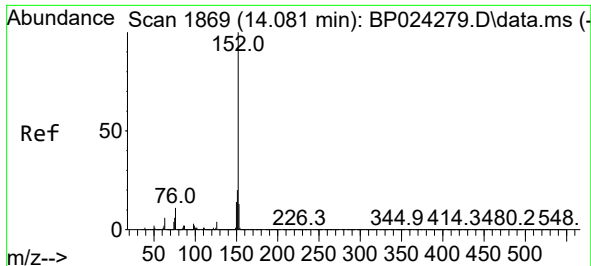


#48
2-Nitroaniline
Concen: 48.034 ng
RT: 13.428 min Scan# 1758
Delta R.T. -0.017 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51



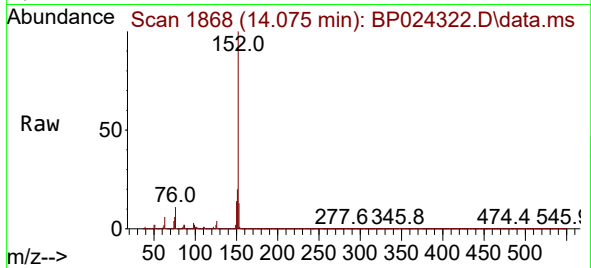
Tgt Ion: 65 Resp: 700526
Ion Ratio Lower Upper
65 100
92 74.4 62.3 93.5
138 115.5 97.2 145.8





#49
Acenaphthylene
Concen: 46.990 ng
RT: 14.075 min Scan# 1868
Delta R.T. -0.012 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

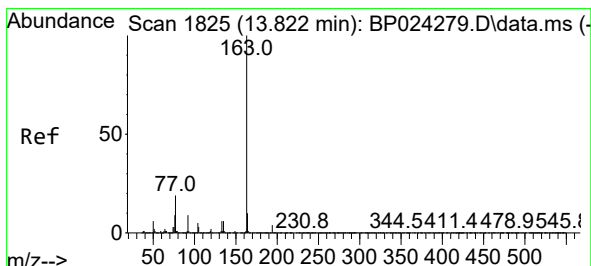
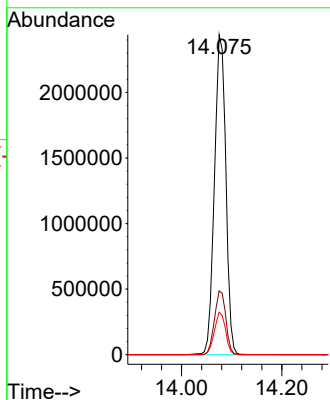
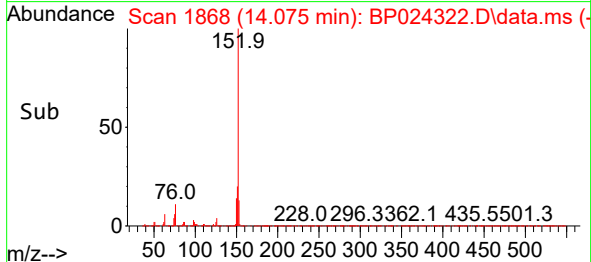
Instrument :
BNA_P
ClientSampleId :
PB167564BS



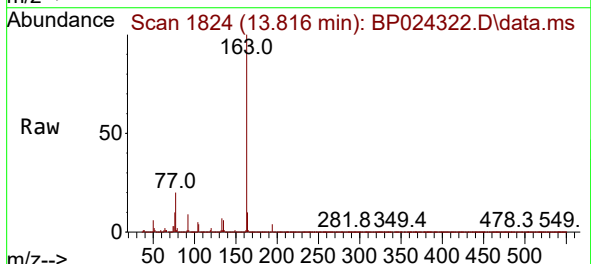
Tgt Ion:152 Resp: 384646
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.3 10.6 15.8

Manual Integrations
APPROVED

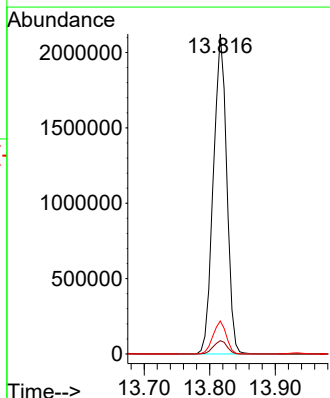
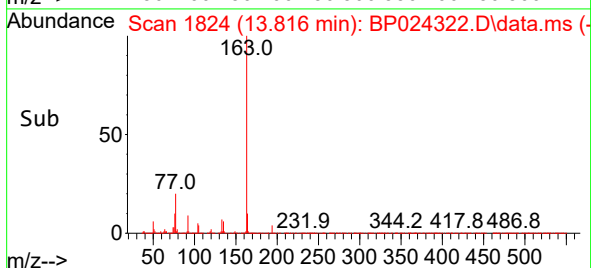
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

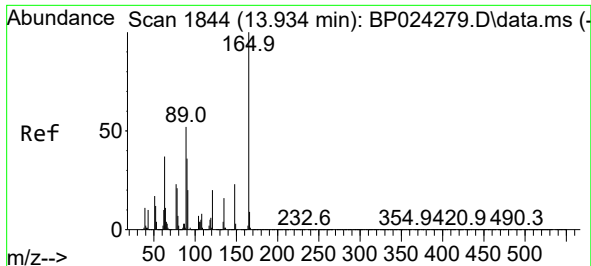


#50
Dimethylphthalate
Concen: 43.521 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.017 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51



Tgt Ion:163 Resp: 2995229
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.3 8.0 12.0





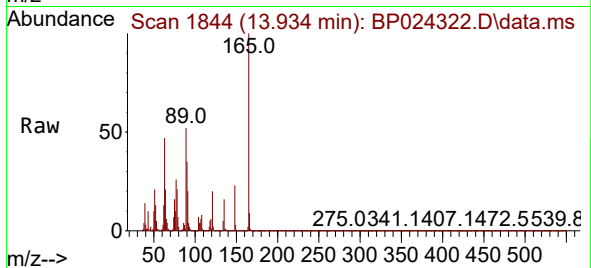
#51
2,6-Dinitrotoluene
Concen: 45.557 ng
RT: 13.934 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Instrument :

BNA_P

ClientSampleId :

PB167564BS



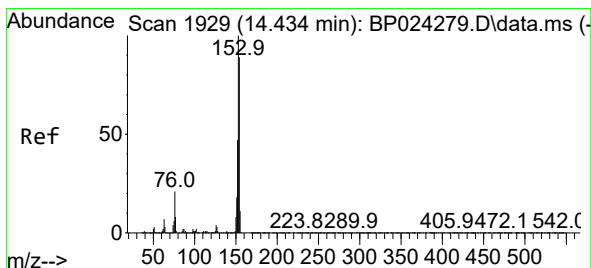
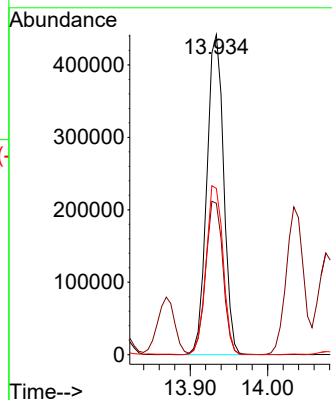
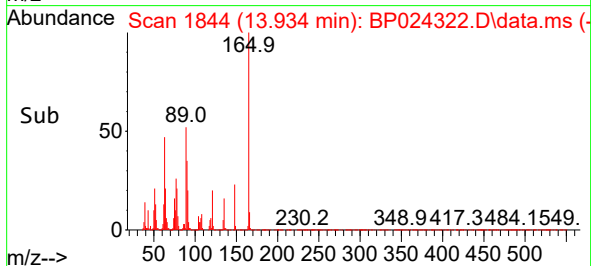
Tgt Ion:165 Resp: 66578
Ion Ratio Lower Upper
165 100
63 47.3 38.0 57.0
89 51.9 41.7 62.5

Manual Integrations

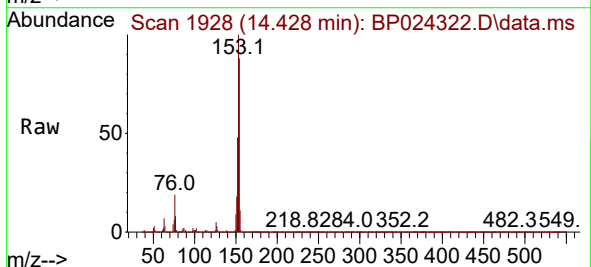
APPROVED

Reviewed By :Rahul Chavli 04/18/2025

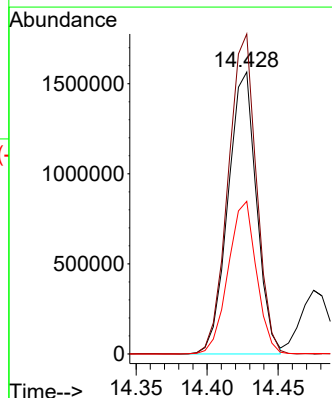
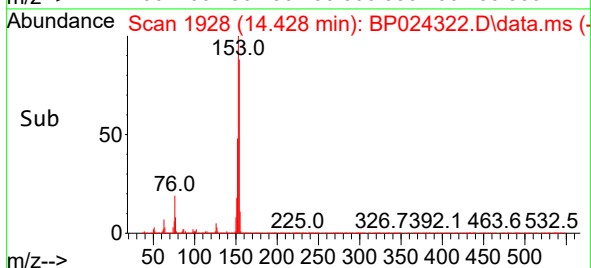
Supervised By :Jagrut Upadhyay 04/18/2025

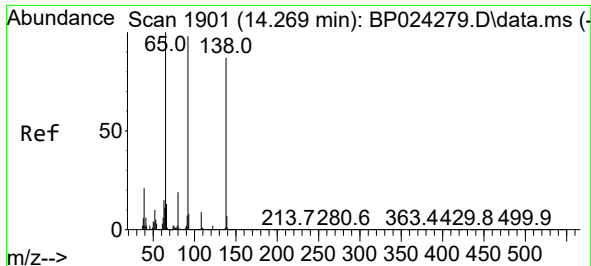


#52
Acenaphthene
Concen: 42.046 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51



Tgt Ion:154 Resp: 2181964
Ion Ratio Lower Upper
154 100
153 113.5 89.8 134.6
152 54.2 42.6 63.8





#53
3-Nitroaniline
Concen: 27.163 ng
RT: 14.263 min Scan# 1901
Delta R.T. -0.017 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Instrument :

BNA_P

ClientSampleId :

PB167564BS

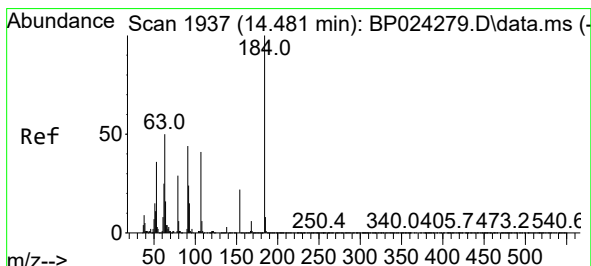
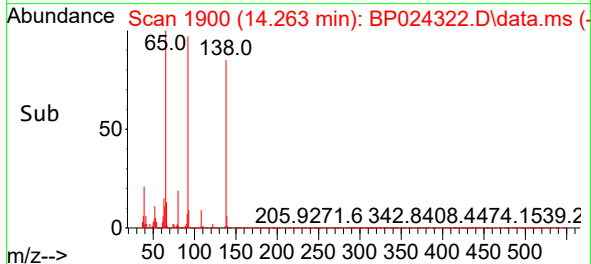
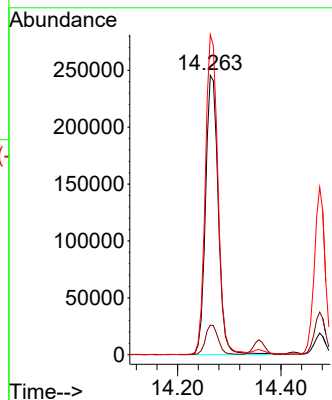
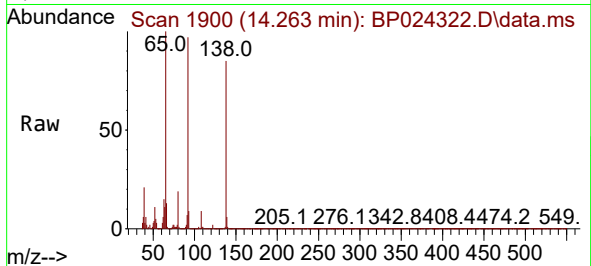
Tgt Ion:138 Resp: 417219
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 114.5 89.8 134.8

Manual Integrations

APPROVED

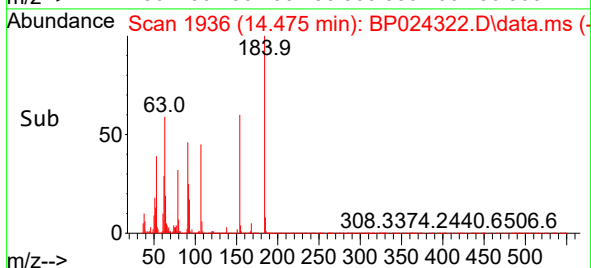
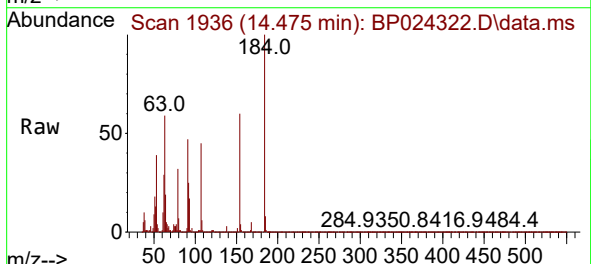
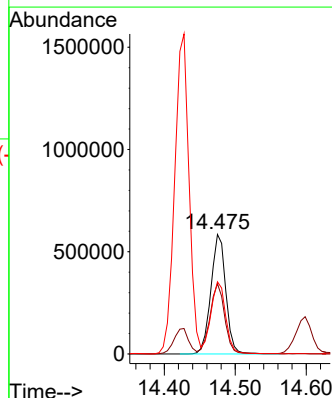
Reviewed By :Rahul Chavli 04/18/2025

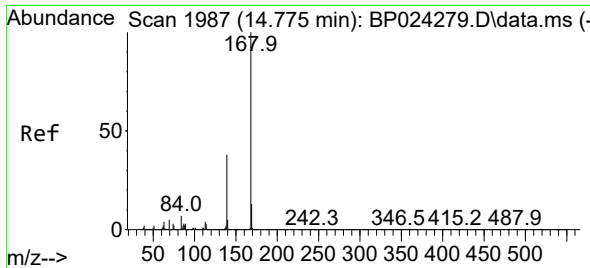
Supervised By :Jagrut Upadhyay 04/18/2025



#54
2,4-Dinitrophenol
Concen: 99.160 ng
RT: 14.475 min Scan# 1936
Delta R.T. -0.017 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

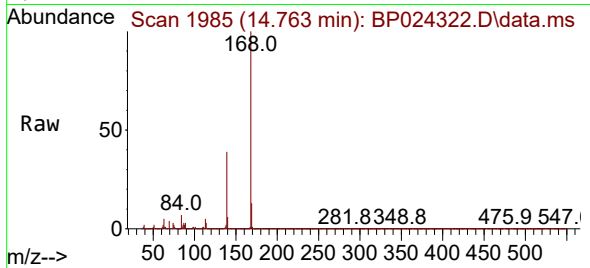
Tgt Ion:184 Resp: 853627
Ion Ratio Lower Upper
184 100
63 58.7 42.6 64.0
154 60.4 47.2 70.8





#55
Dibenzofuran
Concen: 40.921 ng
RT: 14.763 min Scan# 1985
Delta R.T. -0.017 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

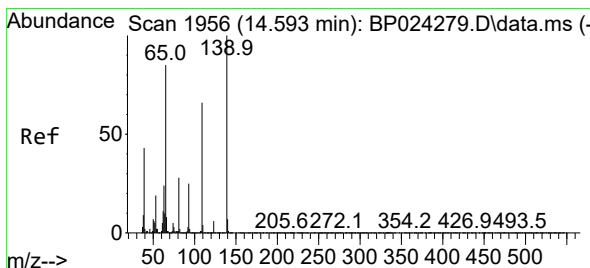
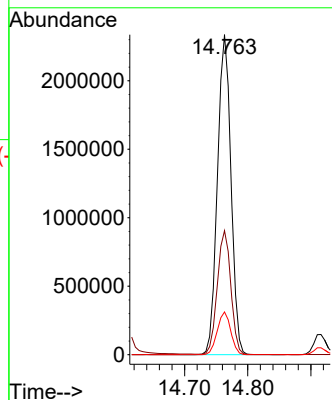
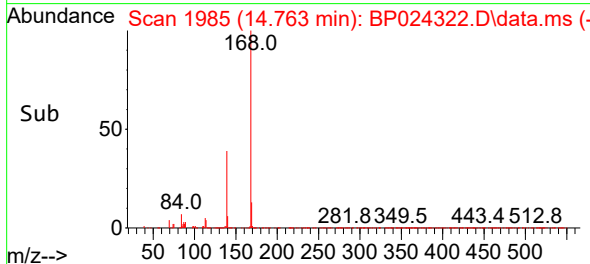
Instrument :
BNA_P
ClientSampleId :
PB167564BS



Tgt Ion:168 Resp: 3471170
Ion Ratio Lower Upper
168 100
139 38.8 30.3 45.5
169 13.4 10.6 16.0

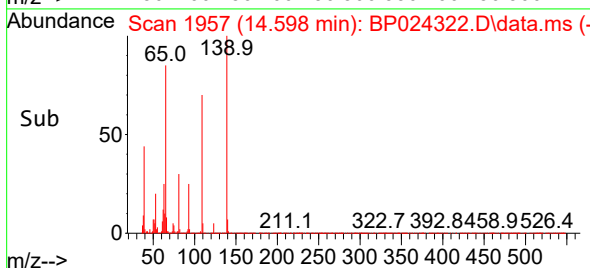
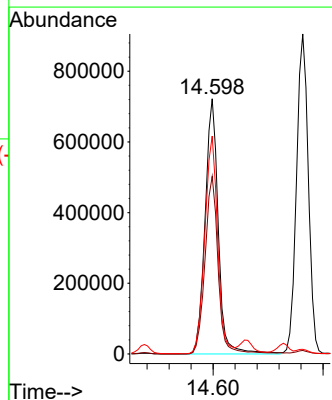
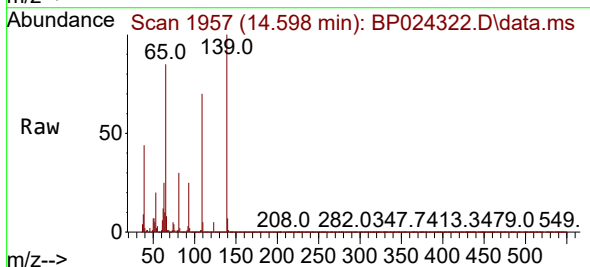
Manual Integrations
APPROVED

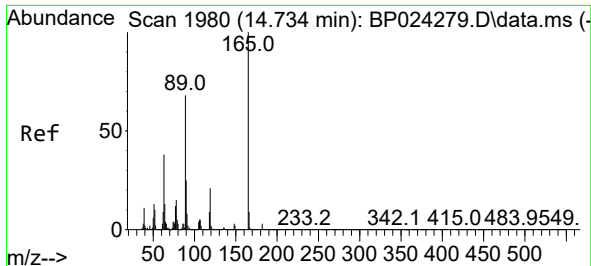
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#56
4-Nitrophenol
Concen: 90.613 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Tgt Ion:139 Resp: 1202044
Ion Ratio Lower Upper
139 100
109 69.6 46.1 86.1
65 85.4 65.0 105.0





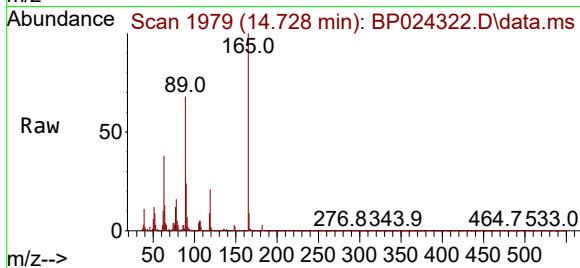
#57
2,4-Dinitrotoluene
Concen: 46.269 ng
RT: 14.728 min Scan# 1980
Delta R.T. -0.017 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Instrument :

BNA_P

ClientSampleId :

PB167564BS



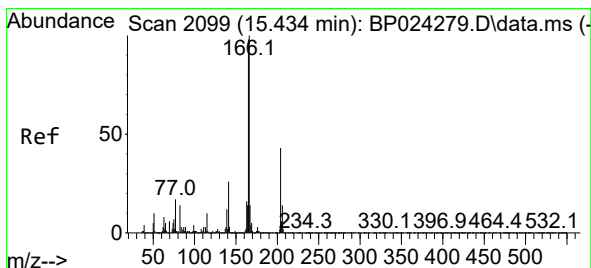
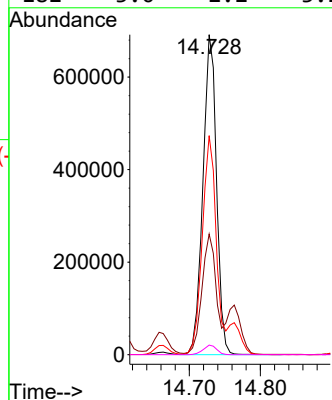
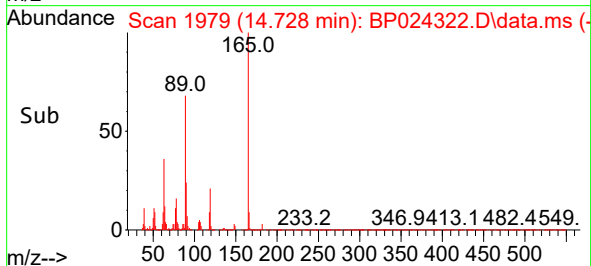
Tgt Ion:165 Resp: 922417
Ion Ratio Lower Upper
165 100
63 37.7 30.4 45.6
89 68.4 54.6 82.0
182 3.0 2.2 3.2

Manual Integrations

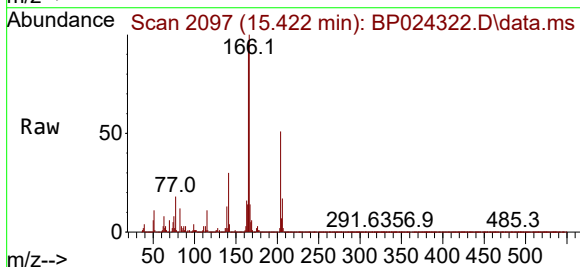
APPROVED

Reviewed By :Rahul Chavli 04/18/2025

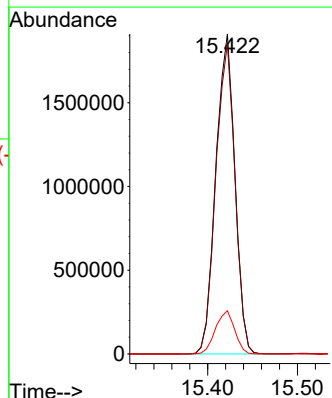
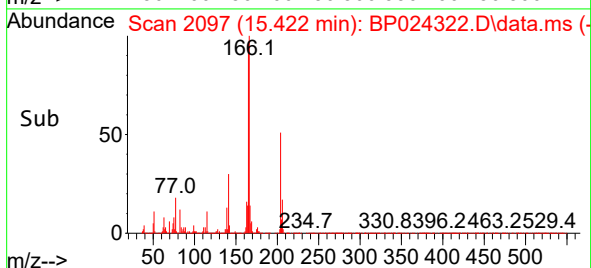
Supervised By :Jagrut Upadhyay 04/18/2025

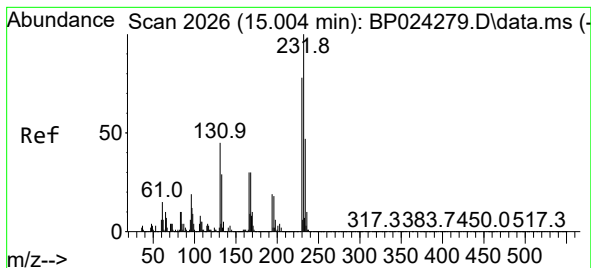


#58
Fluorene
Concen: 42.994 ng
RT: 15.422 min Scan# 2097
Delta R.T. -0.017 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51



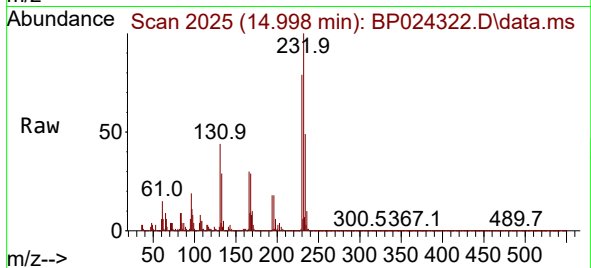
Tgt Ion:166 Resp: 2823276
Ion Ratio Lower Upper
166 100
165 96.9 78.1 117.1
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.773 ng
RT: 14.998 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

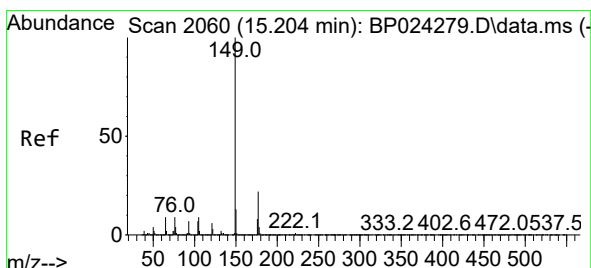
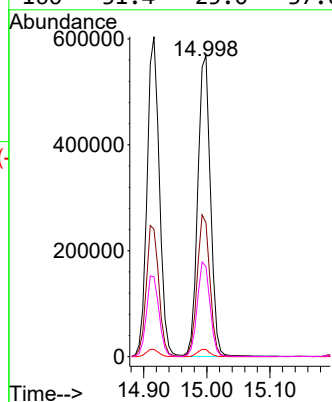
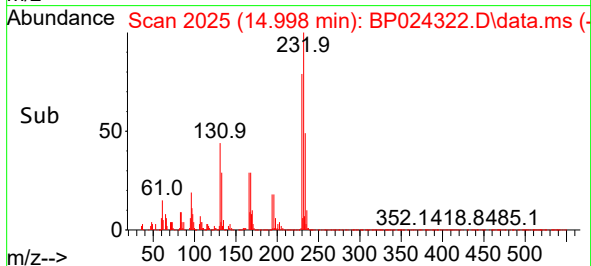
Instrument :
BNA_P
ClientSampleId :
PB167564BS



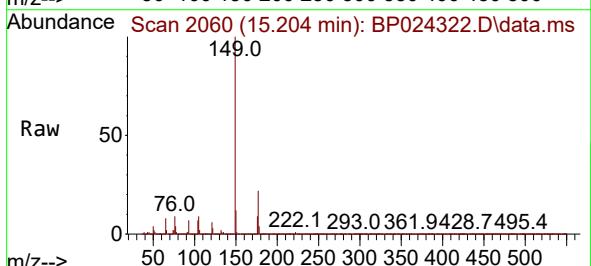
Tgt Ion:232 Resp: 79125
Ion Ratio Lower Upper
232 100
131 47.1 36.8 55.2
130 2.5 1.9 2.9
166 31.4 25.0 37.6

Manual Integrations
APPROVED

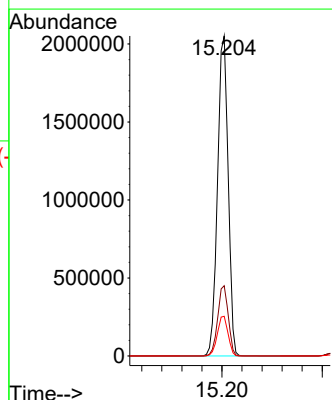
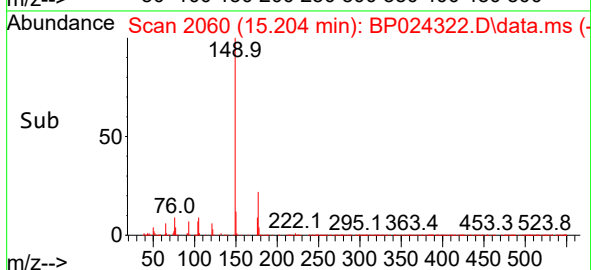
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

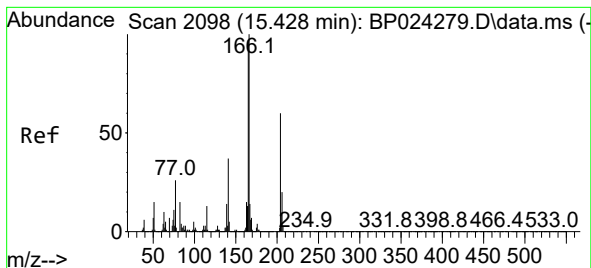


#60
Diethylphthalate
Concen: 42.362 ng
RT: 15.204 min Scan# 2060
Delta R.T. -0.017 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51



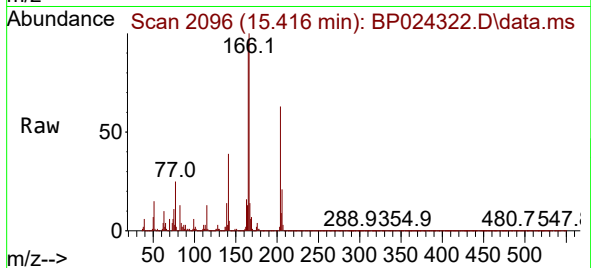
Tgt Ion:149 Resp: 3004493
Ion Ratio Lower Upper
149 100
177 22.0 17.4 26.2
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.916 ng
RT: 15.416 min Scan# 2096
Delta R.T. -0.023 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

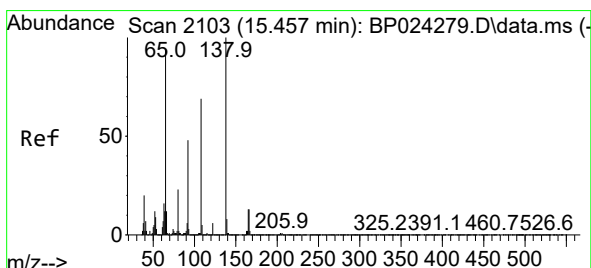
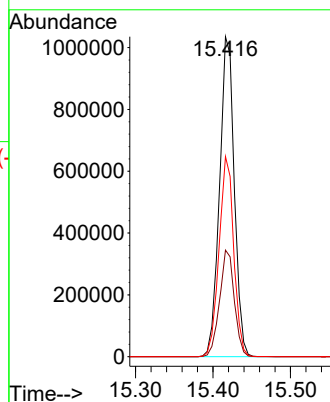
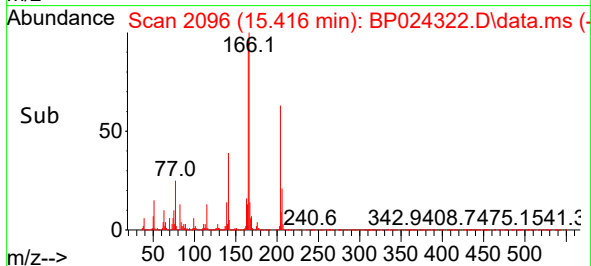
Instrument :
BNA_P
ClientSampleId :
PB167564BS



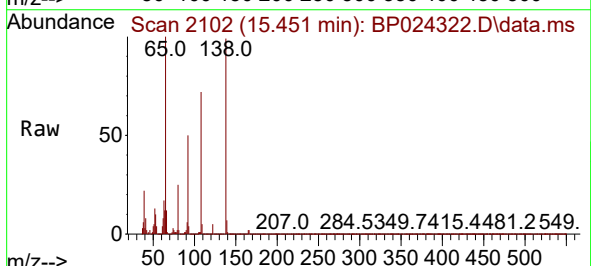
Tgt Ion: 204 Resp: 136849
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 62.5 49.4 74.0

Manual Integrations
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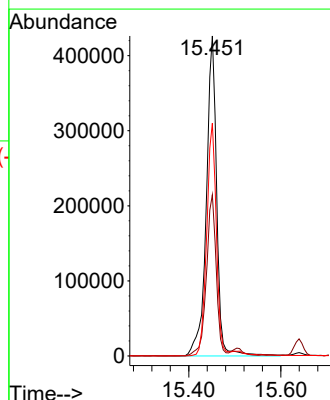
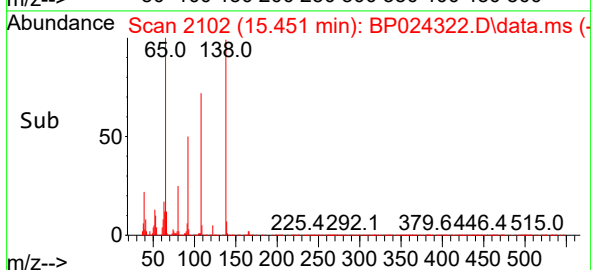
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

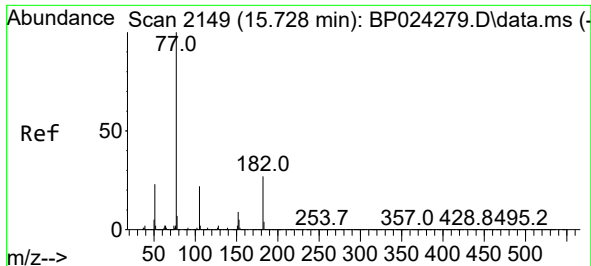


#62
4-Nitroaniline
Concen: 41.433 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.017 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51



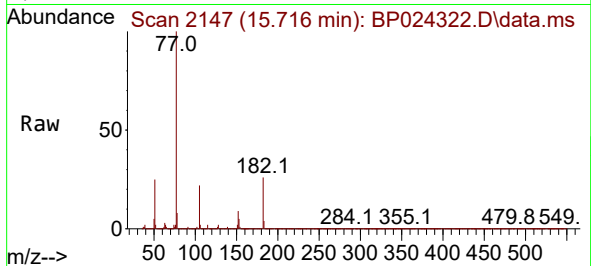
Tgt Ion: 138 Resp: 673721
Ion Ratio Lower Upper
138 100
92 50.4 27.8 67.8
108 72.7 48.9 88.9





#63
Azobenzene
Concen: 42.405 ng
RT: 15.716 min Scan# 2149
Delta R.T. -0.023 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

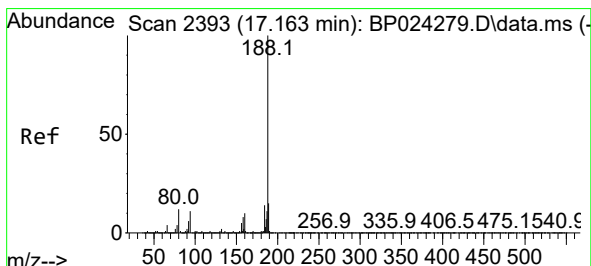
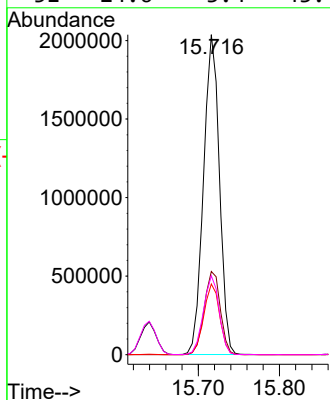
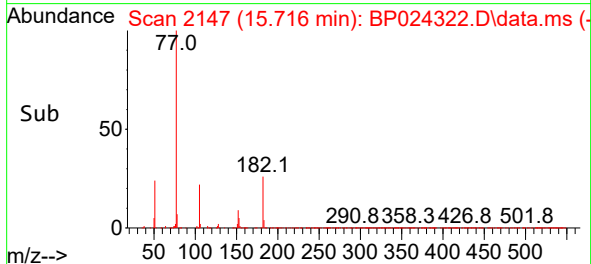
Instrument :
BNA_P
ClientSampleId :
PB167564BS



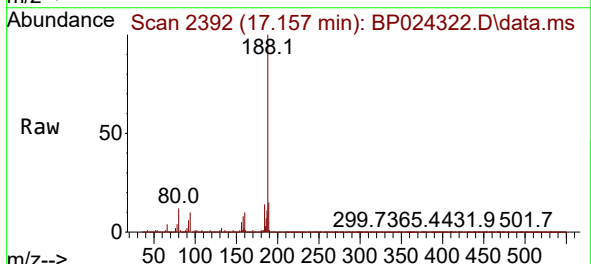
Tgt Ion: 77 Resp: 276424
Ion Ratio Lower Upper
77 100
182 26.0 7.3 47.3
105 22.1 2.3 42.3
51 24.6 3.4 43.4

Manual Integrations
APPROVED

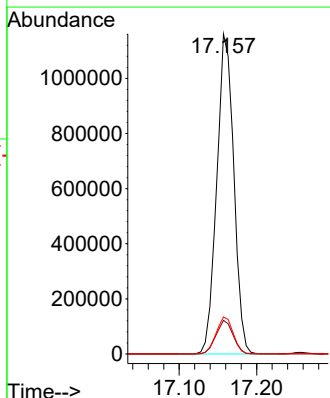
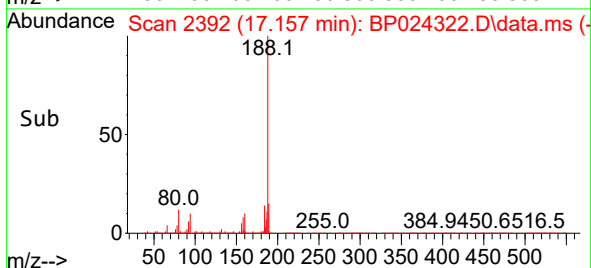
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

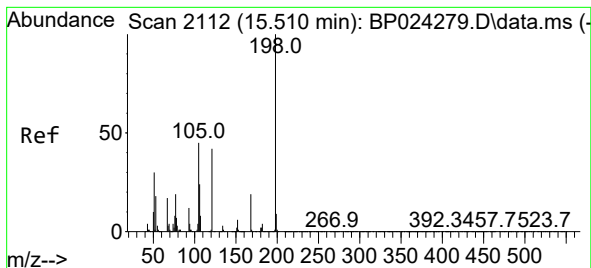


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2392
Delta R.T. -0.023 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51



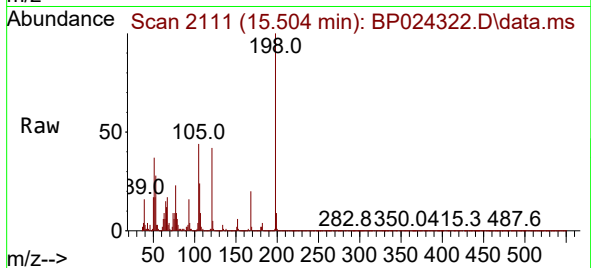
Tgt Ion:188 Resp: 1773496
Ion Ratio Lower Upper
188 100
94 10.5 8.6 13.0
80 11.6 9.8 14.6





#65
4,6-Dinitro-2-methylphenol
Concen: 47.684 ng
RT: 15.504 min Scan# 2111
Delta R.T. -0.024 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

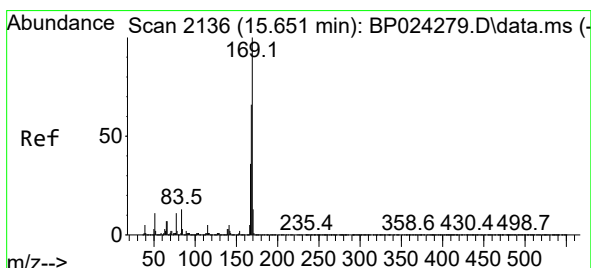
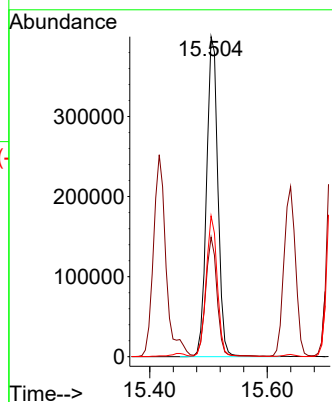
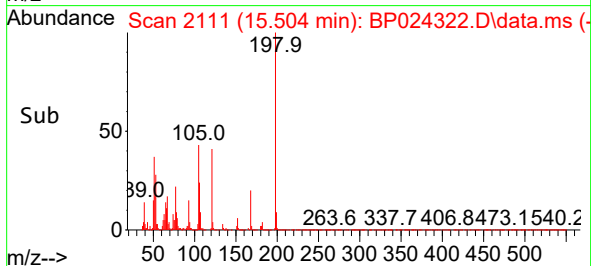
Instrument :
BNA_P
ClientSampleId :
PB167564BS



Tgt Ion:198 Resp: 533164
Ion Ratio Lower Upper
198 100
51 37.4 18.4 58.4
105 44.0 26.5 66.5

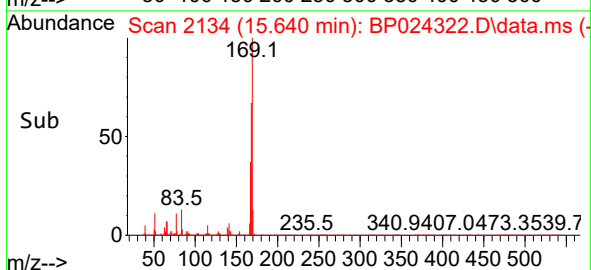
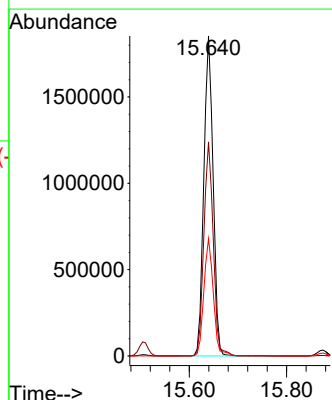
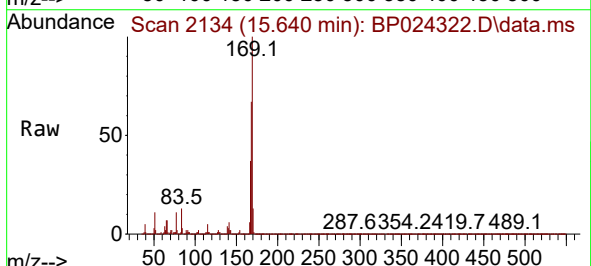
Manual Integrations
APPROVED

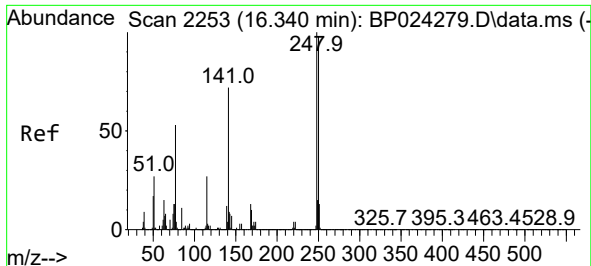
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#66
n-Nitrosodiphenylamine
Concen: 46.225 ng
RT: 15.640 min Scan# 2134
Delta R.T. -0.017 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

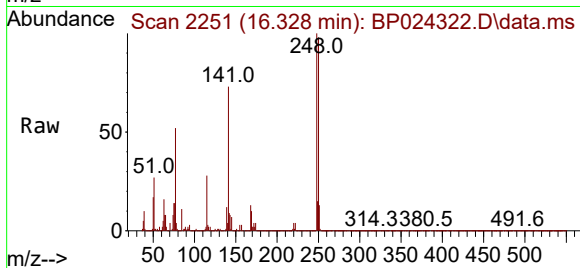
Tgt Ion:169 Resp: 2446935
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.4
167 36.7 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 46.668 ng
RT: 16.328 min Scan# 2251
Delta R.T. -0.017 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

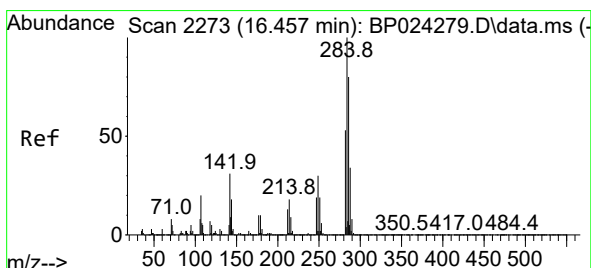
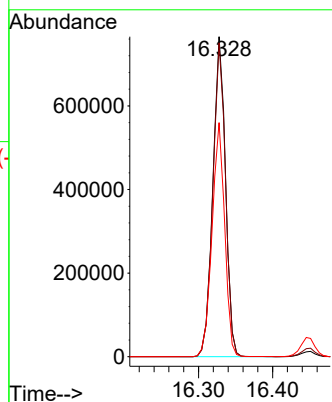
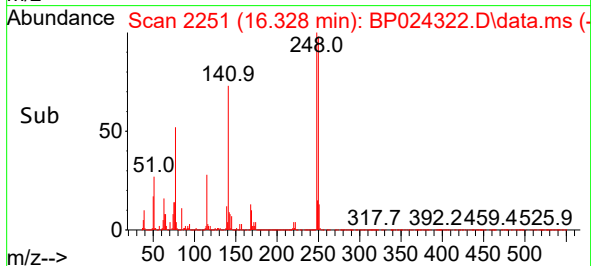
Instrument :
BNA_P
ClientSampleId :
PB167564BS



Tgt Ion:248 Resp: 90518
Ion Ratio Lower Upper
248 100
250 98.1 78.2 117.4
141 73.2 57.7 86.5

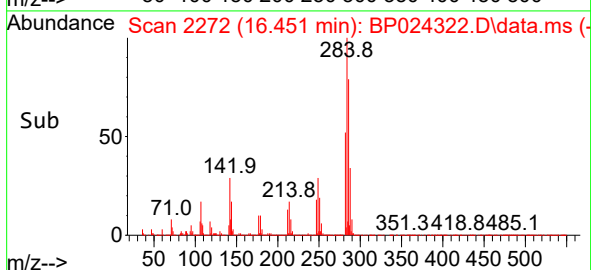
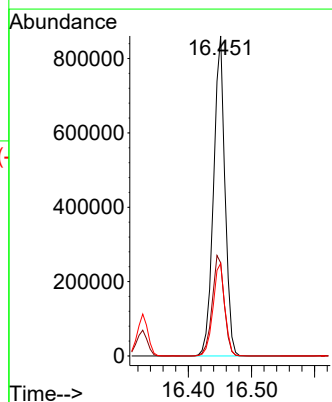
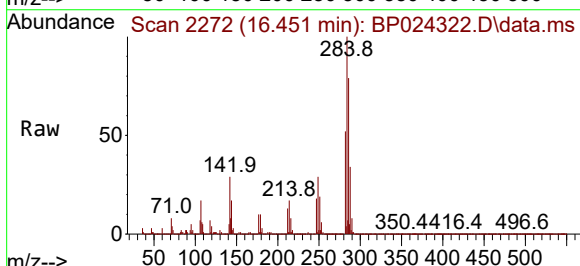
Manual Integrations
APPROVED

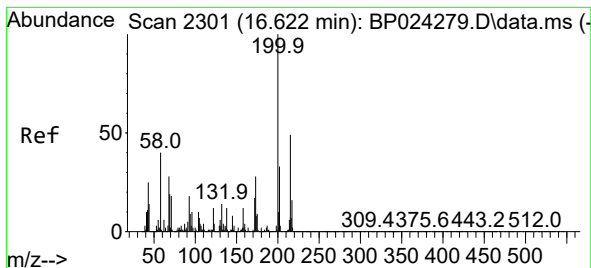
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#68
Hexachlorobenzene
Concen: 46.772 ng
RT: 16.451 min Scan# 2272
Delta R.T. -0.017 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Tgt Ion:284 Resp: 1078014
Ion Ratio Lower Upper
284 100
142 29.1 24.6 37.0
249 29.0 23.8 35.6





#69

Atrazine

Concen: 60.104 ng

RT: 16.616 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024322.D

Acq: 17 Apr 2025 11:51

Instrument :

BNA_P

ClientSampleId :

PB167564BS

Tgt Ion:200 Resp: 810319

Ion Ratio Lower Upper

200 100

173 26.6 7.5 47.5

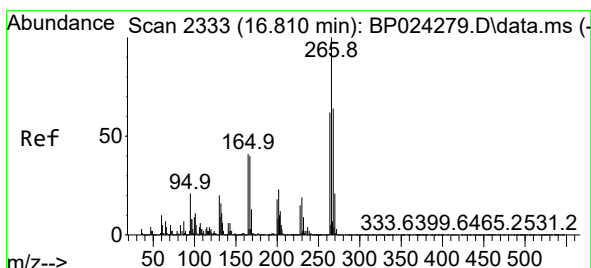
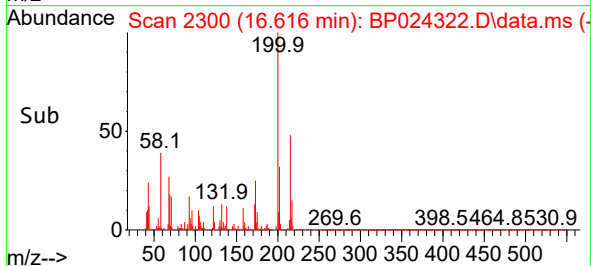
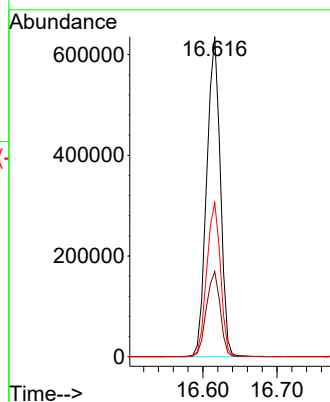
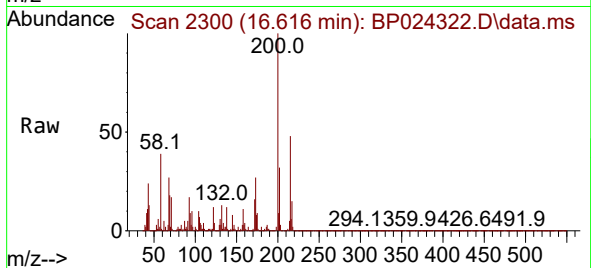
215 48.2 28.8 68.8

Manual Integrations

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Reviewed By :Rahul Chavli 04/18/2025

Supervised By :Jagrut Upadhyay 04/18/2025



#70

Pentachlorophenol

Concen: 92.492 ng

RT: 16.804 min Scan# 2332

Delta R.T. -0.023 min

Lab File: BP024322.D

Acq: 17 Apr 2025 11:51

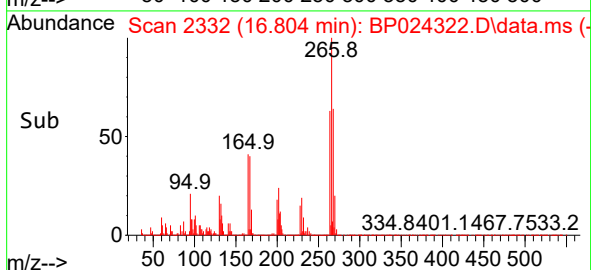
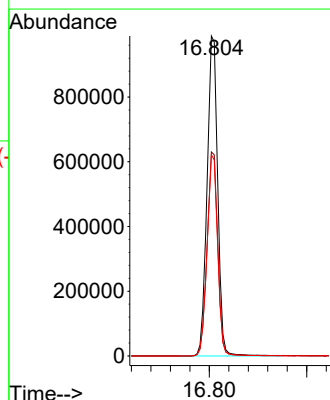
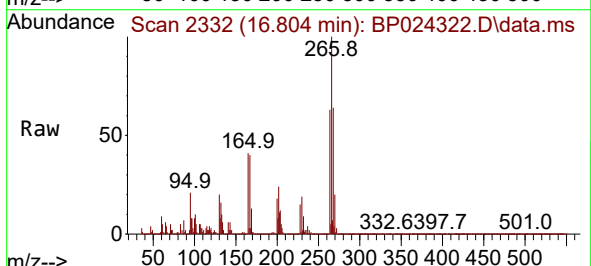
Tgt Ion:266 Resp: 1487194

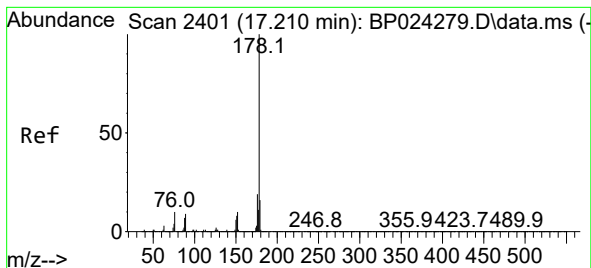
Ion Ratio Lower Upper

266 100

268 63.7 51.0 76.6

264 62.9 49.8 74.6





#71

Phenanthrene

Concen: 43.405 ng

RT: 17.204 min Scan# 2400

Delta R.T. -0.023 min

Lab File: BP024322.D

Acq: 17 Apr 2025 11:51

Instrument :

BNA_P

ClientSampleId :

PB167564BS

Tgt Ion:178 Resp: 419936

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

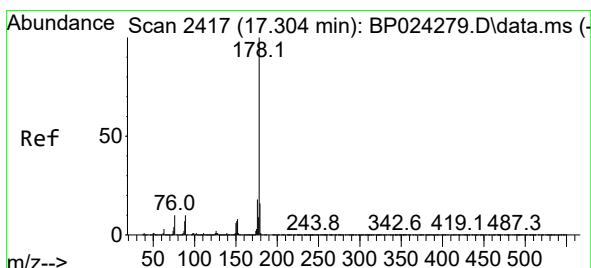
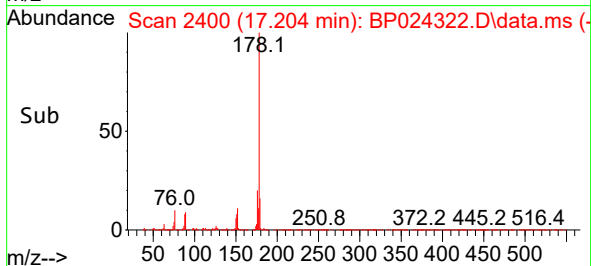
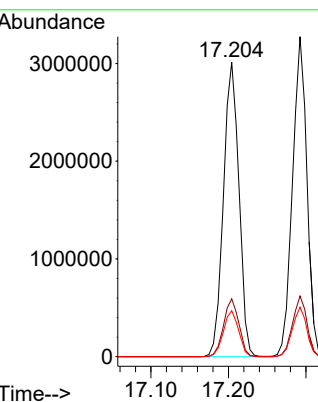
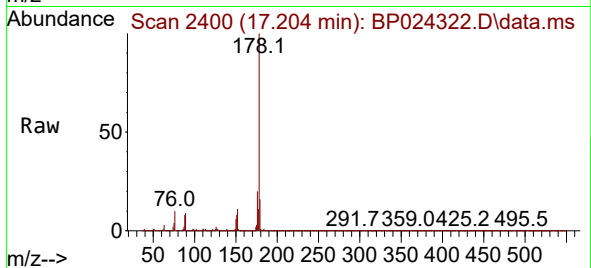
179 15.6 12.5 18.7

Manual Integrations

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Reviewed By :Rahul Chavli 04/18/2025

Supervised By :Jagrut Upadhyay 04/18/2025



#72

Anthracene

Concen: 45.647 ng

RT: 17.292 min Scan# 2415

Delta R.T. -0.023 min

Lab File: BP024322.D

Acq: 17 Apr 2025 11:51

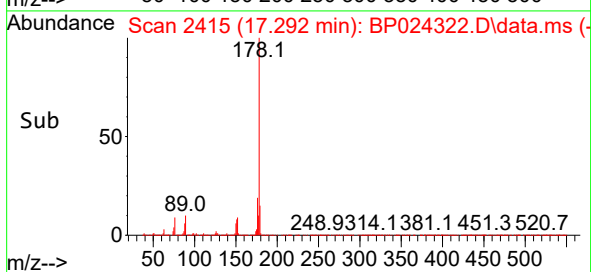
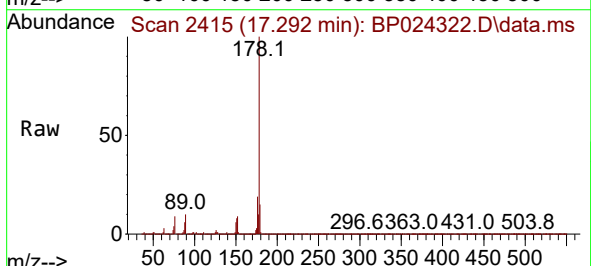
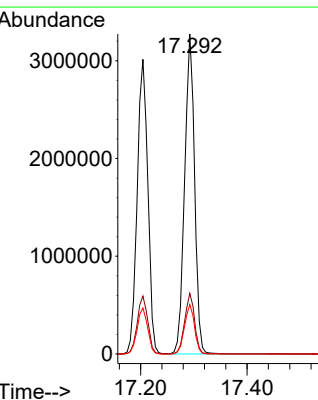
Tgt Ion:178 Resp: 4256425

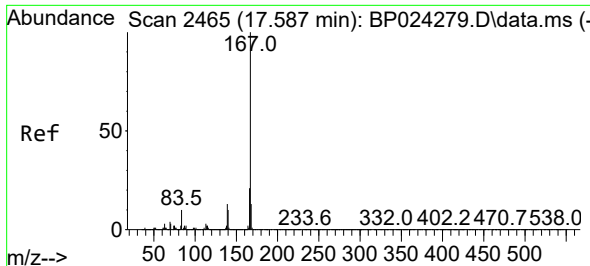
Ion Ratio Lower Upper

178 100

176 19.0 14.7 22.1

179 15.4 12.4 18.6





#73
 Carbazole
 Concen: 42.251 ng
 RT: 17.581 min Scan# 2465
 Delta R.T. -0.023 min
 Lab File: BP024322.D
 Acq: 17 Apr 2025 11:51

Instrument :

BNA_P

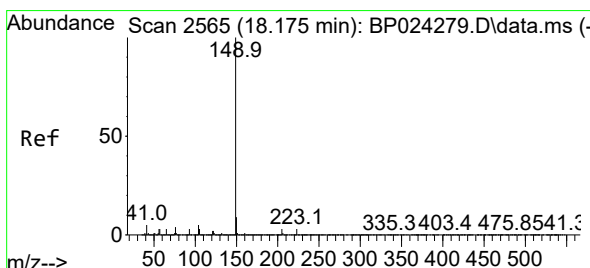
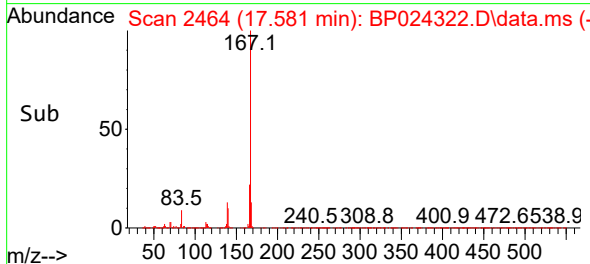
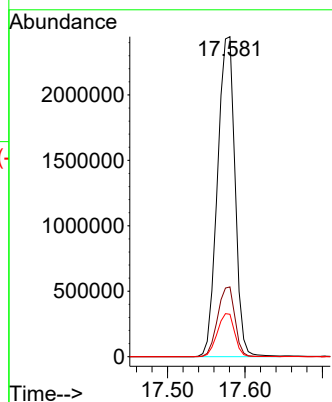
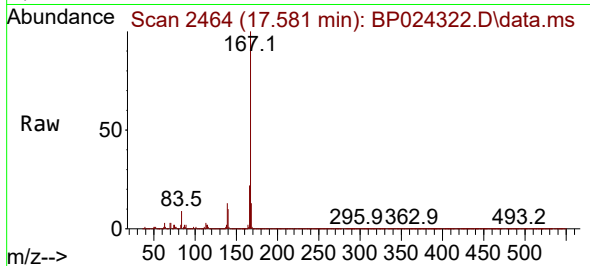
ClientSampleId :

PB167564BS

Tgt Ion:167 Resp: 3849468
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 13.2 10.6 16.0

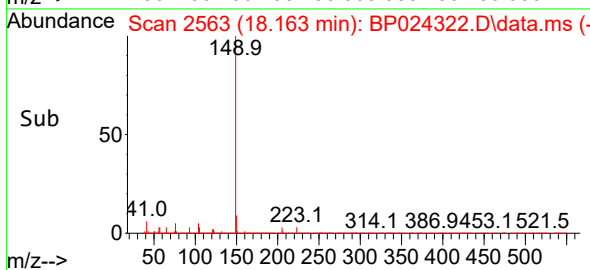
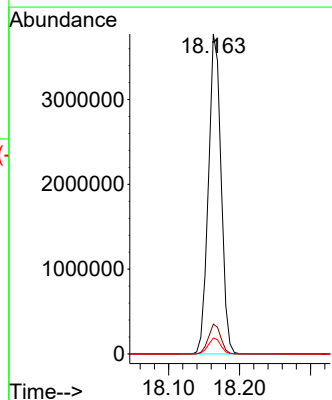
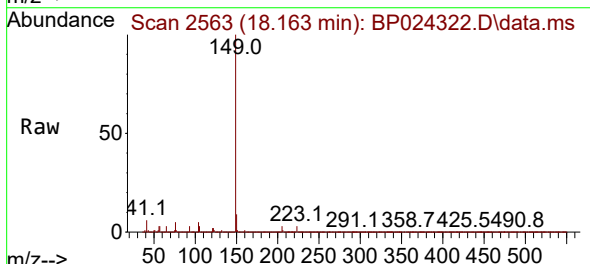
Manual Integrations
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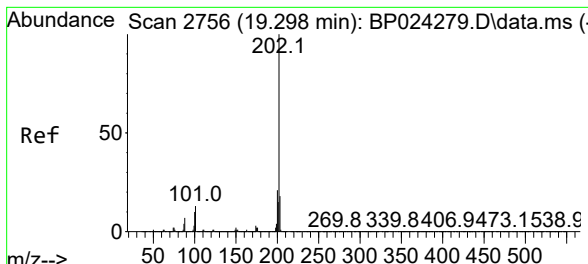
Reviewed By :Rahul Chavli 04/18/2025
 Supervised By :Jagrut Upadhyay 04/18/2025



#74
 Di-n-butylphthalate
 Concen: 41.296 ng
 RT: 18.163 min Scan# 2563
 Delta R.T. -0.029 min
 Lab File: BP024322.D
 Acq: 17 Apr 2025 11:51

Tgt Ion:149 Resp: 4687484
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.0 3.9 5.9





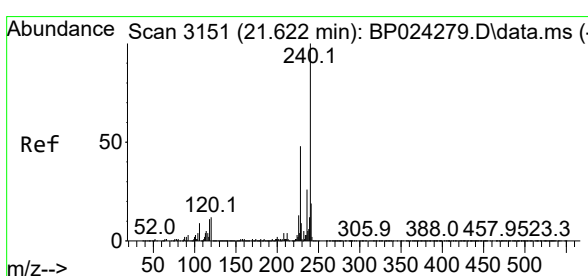
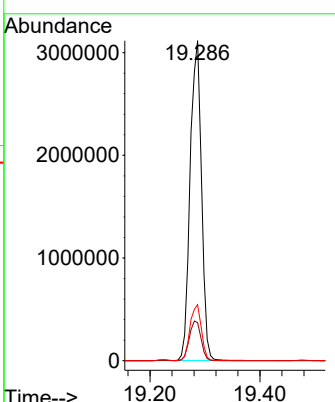
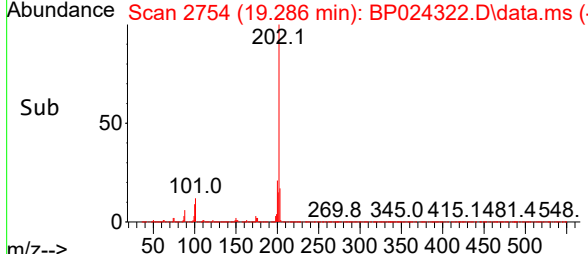
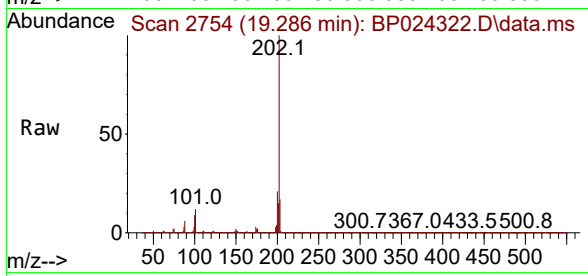
#75
 Fluoranthene
 Concen: 38.675 ng
 RT: 19.286 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BP024322.D
 Acq: 17 Apr 2025 11:51

Instrument : BNA_P
 ClientSampleId : PB167564BS

Tgt Ion: 202 Resp: 4450170

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	33.2
203	17.5	0.0	37.7

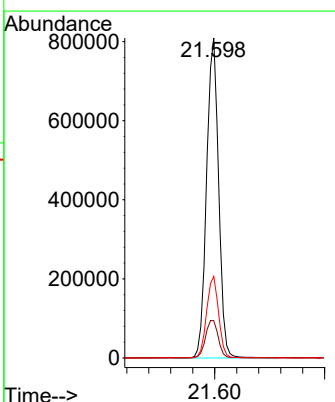
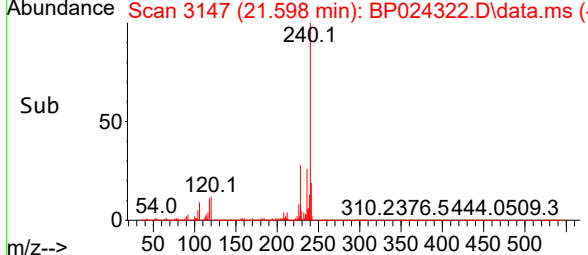
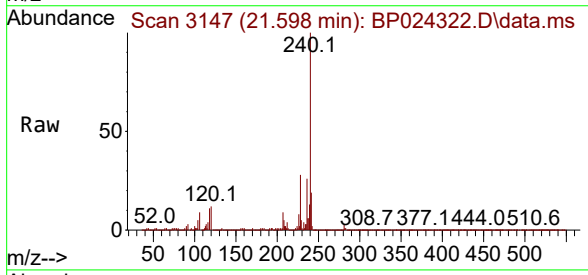
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 Reviewed By :Rahul Chavli 04/18/2025
 Supervised By :Jagrut Upadhyay 04/18/2025

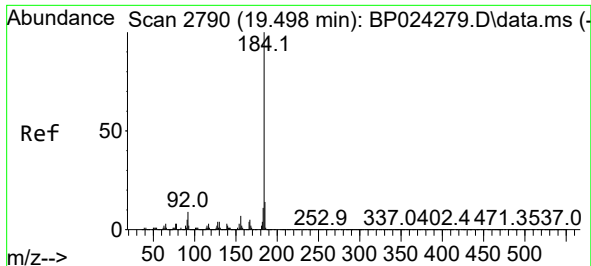


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.598 min Scan# 3147
 Delta R.T. -0.023 min
 Lab File: BP024322.D
 Acq: 17 Apr 2025 11:51

Tgt Ion: 240 Resp: 1227922

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.8	14.8
236	25.5	20.9	31.3





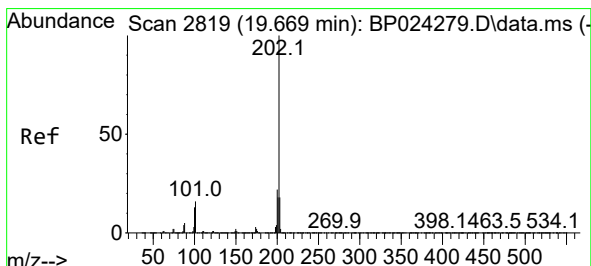
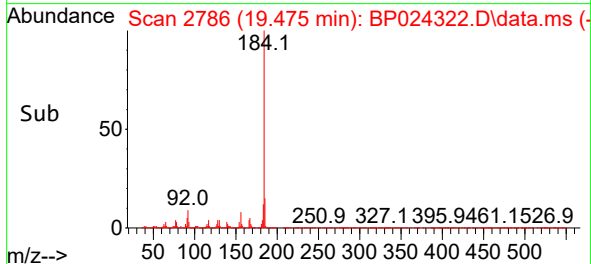
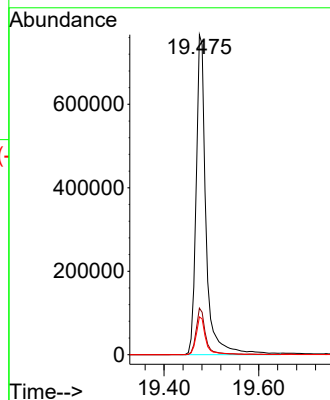
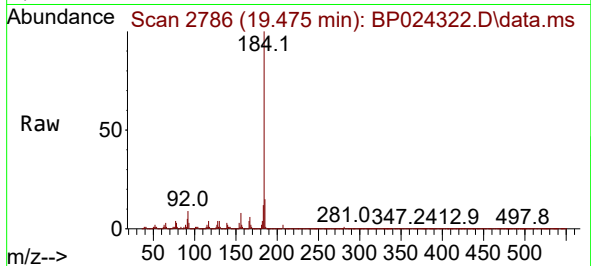
#77
Benzidine
Concen: 71.457 ng
RT: 19.475 min Scan# 211
Delta R.T. -0.035 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Instrument :
BNA_P
ClientSampleId :
PB167564BS

Tgt Ion:184 Resp: 1112220
Ion Ratio Lower Upper
184 100
185 14.6 11.6 17.4
183 11.8 9.2 13.8

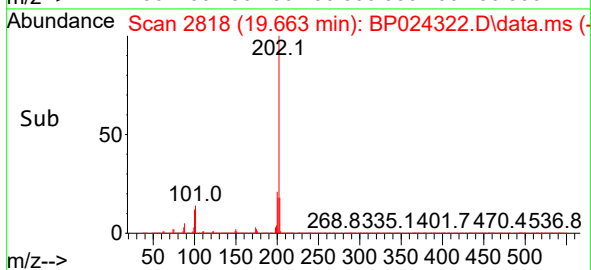
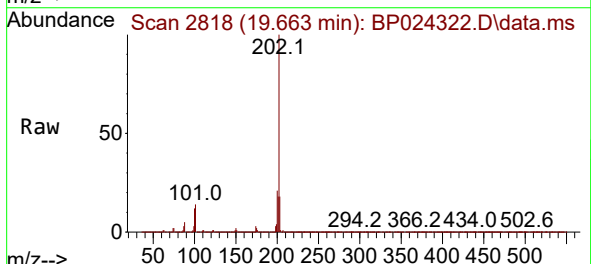
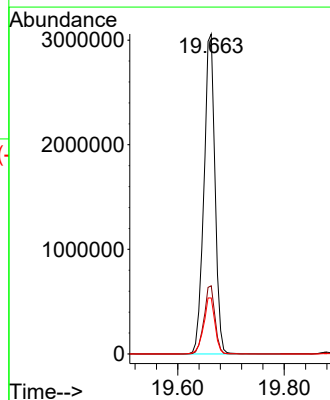
Manual Integrations
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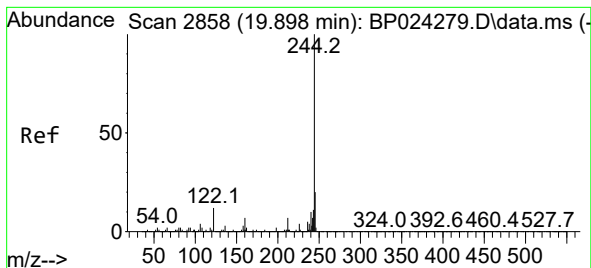
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#78
Pyrene
Concen: 56.291 ng
RT: 19.663 min Scan# 2818
Delta R.T. -0.023 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Tgt Ion:202 Resp: 4392711
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.5 14.4 21.6





#79

Terphenyl-d14

Concen: 109.054 ng

RT: 19.881 min Scan# 2855

Delta R.T. -0.041 min

Lab File: BP024322.D

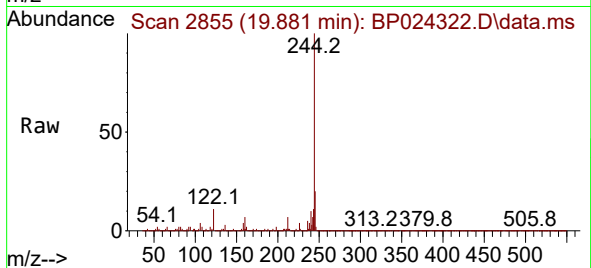
Acq: 17 Apr 2025 11:51

Instrument :

BNA_P

ClientSampleId :

PB167564BS



Tgt Ion:244 Resp: 664355

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

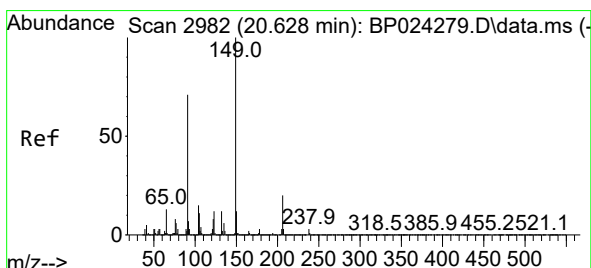
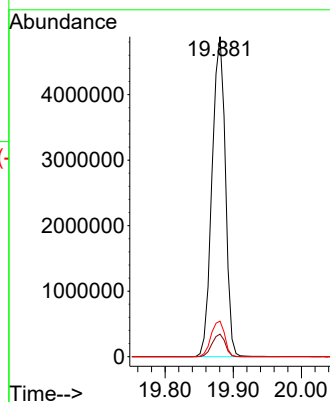
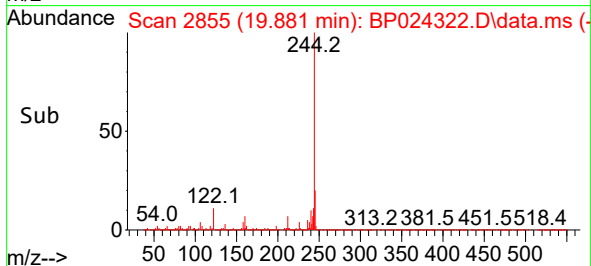
122 11.1 9.4 14.0

Manual Integrations

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Reviewed By :Rahul Chavli 04/18/2025

Supervised By :Jagrut Upadhyay 04/18/2025



#80

Butylbenzylphthalate

Concen: 49.293 ng

RT: 20.610 min Scan# 2979

Delta R.T. -0.035 min

Lab File: BP024322.D

Acq: 17 Apr 2025 11:51

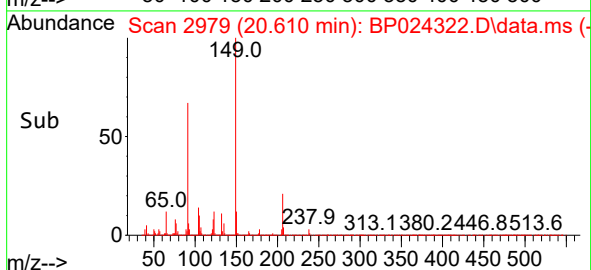
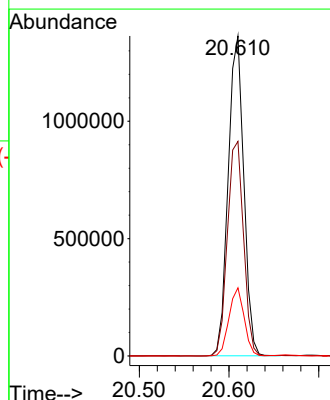
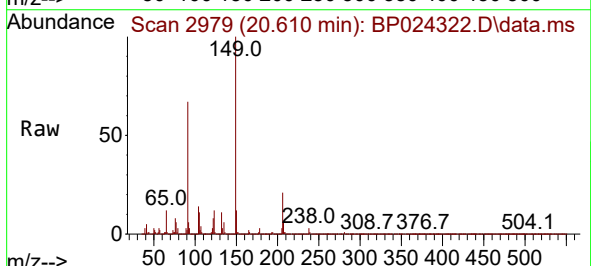
Tgt Ion:149 Resp: 1647590

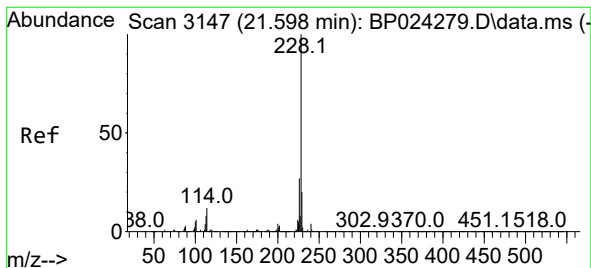
Ion Ratio Lower Upper

149 100

91 67.0 56.4 84.6

206 21.3 16.3 24.5





#81

Benzo(a)anthracene

Concen: 46.421 ng

RT: 21.575 min Scan# 3147

Delta R.T. -0.029 min

Lab File: BP024322.D

Acq: 17 Apr 2025 11:51

Instrument :

BNA_P

ClientSampleId :

PB167564BS

Tgt Ion:228 Resp: 354296

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

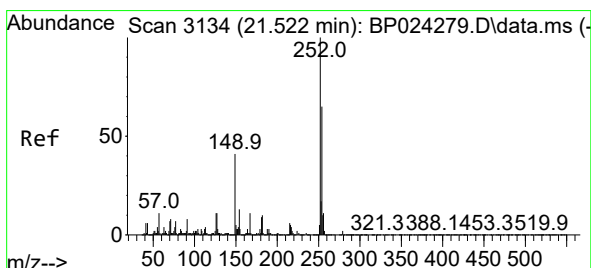
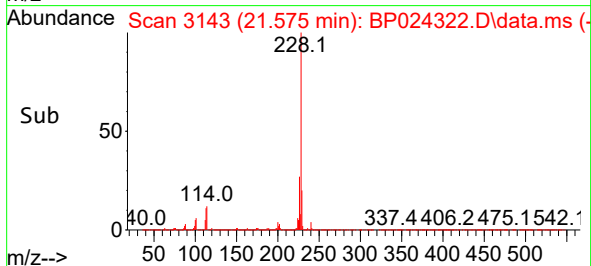
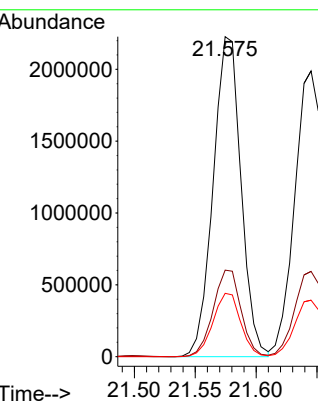
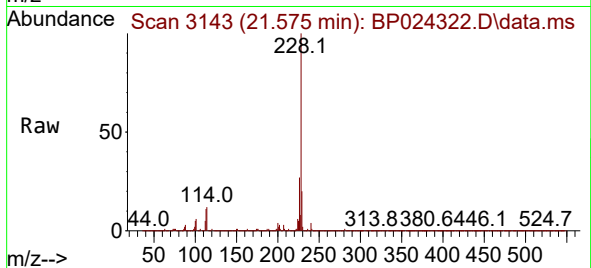
229 19.8 15.9 23.9

Manual Integrations

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Reviewed By :Rahul Chavli 04/18/2025

Supervised By :Jagrut Upadhyay 04/18/2025



#82

3,3'-Dichlorobenzidine

Concen: 28.177 ng

RT: 21.498 min Scan# 3130

Delta R.T. -0.041 min

Lab File: BP024322.D

Acq: 17 Apr 2025 11:51

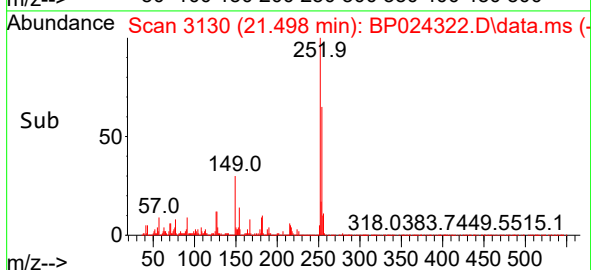
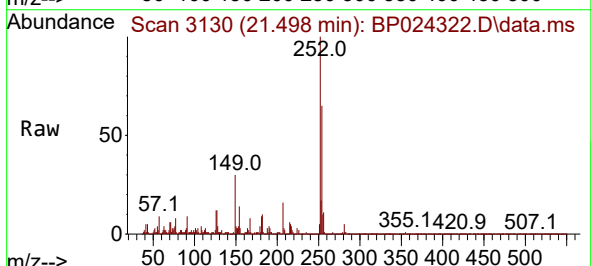
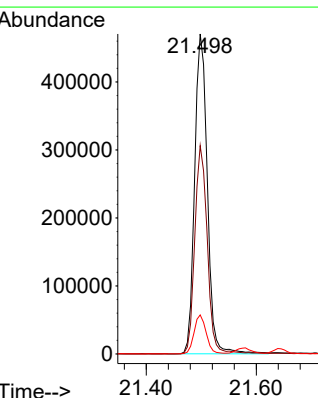
Tgt Ion:252 Resp: 754814

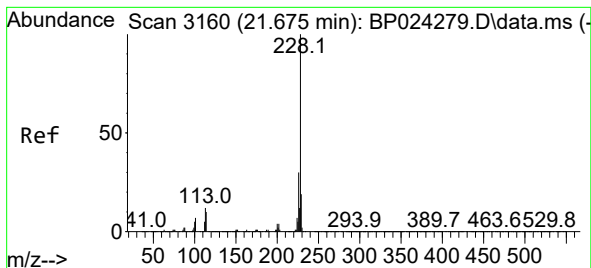
Ion Ratio Lower Upper

252 100

254 65.1 51.7 77.5

126 12.2 8.8 13.2





#83

Chrysene

Concen: 44.801 ng

RT: 21.645 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP024322.D

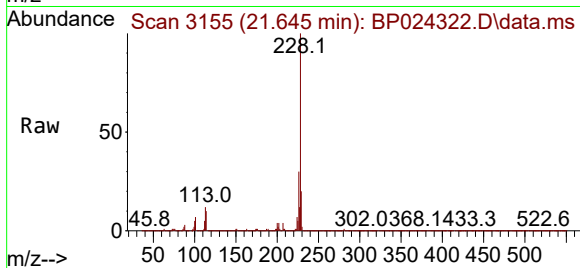
Acq: 17 Apr 2025 11:51

Instrument :

BNA_P

ClientSampleId :

PB167564BS



Tgt Ion:228 Resp: 327591

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

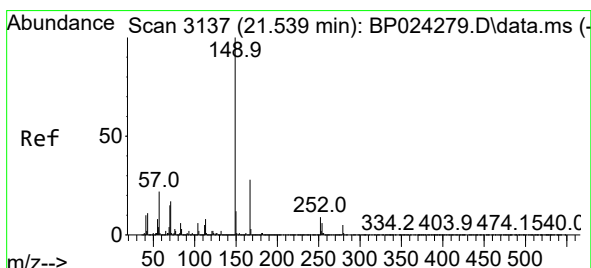
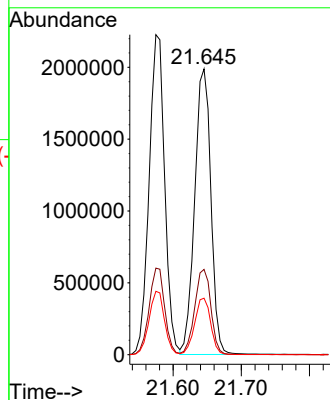
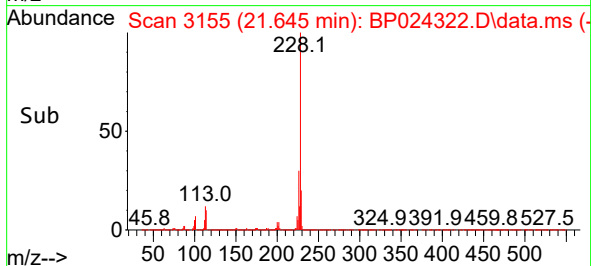
229 19.8 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/18/2025

Supervised By :Jagrut Upadhyay 04/18/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.157 ng

RT: 21.516 min Scan# 3133

Delta R.T. -0.029 min

Lab File: BP024322.D

Acq: 17 Apr 2025 11:51

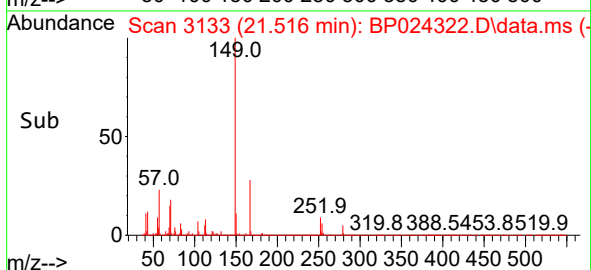
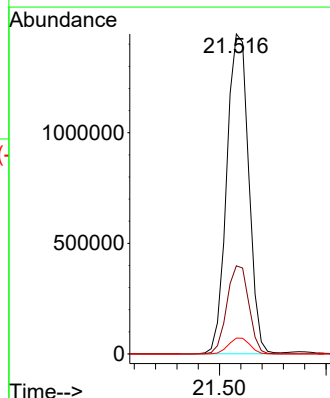
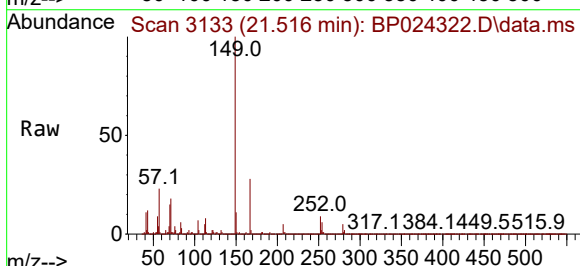
Tgt Ion:149 Resp: 2065674

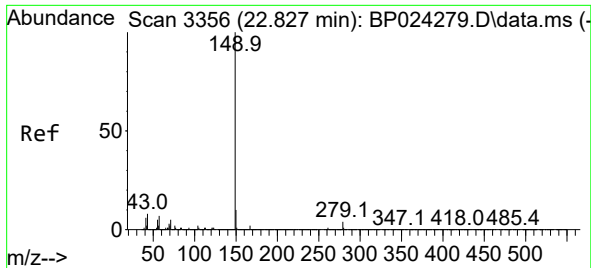
Ion Ratio Lower Upper

149 100

167 27.6 22.4 33.6

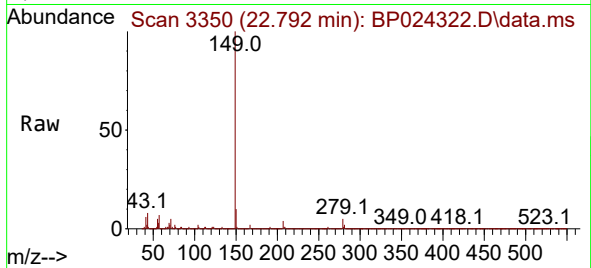
279 4.9 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 39.295 ng
RT: 22.792 min Scan# 31
Delta R.T. -0.041 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

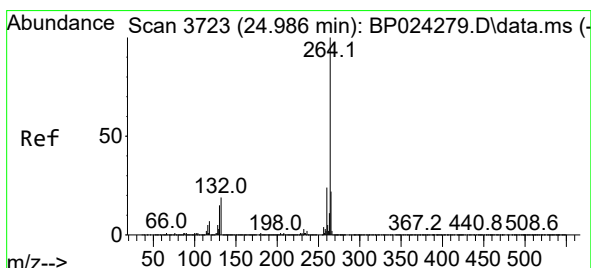
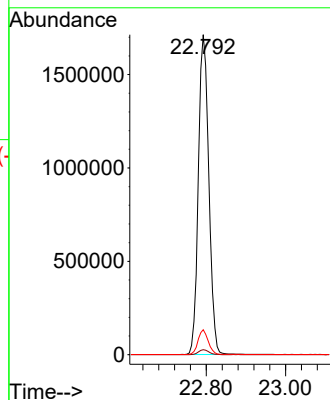
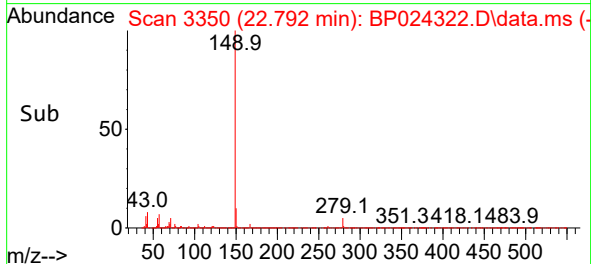
Instrument :
BNA_P
ClientSampleId :
PB167564BS



Tgt Ion:149 Resp: 313015
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.5 6.0 9.0

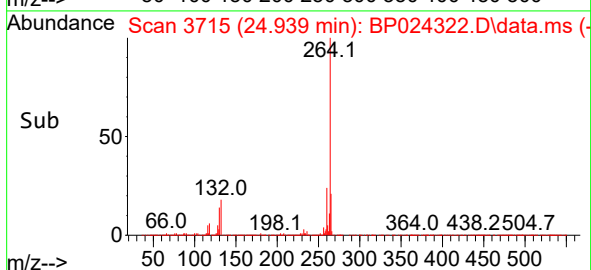
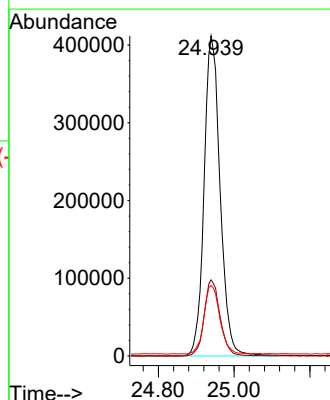
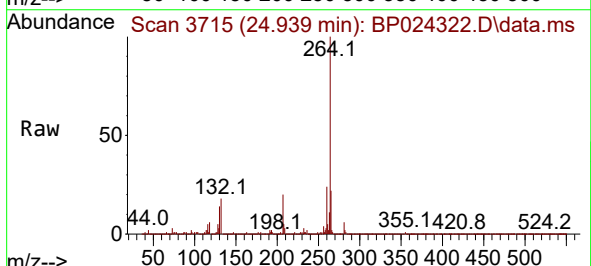
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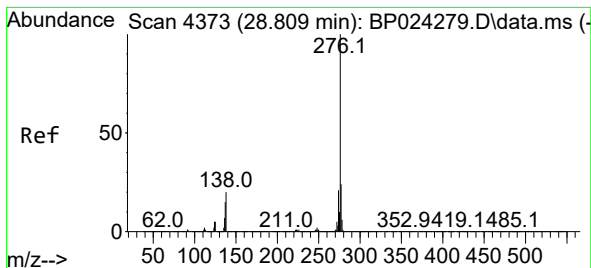
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.939 min Scan# 3715
Delta R.T. -0.047 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Tgt Ion:264 Resp: 1207867
Ion Ratio Lower Upper
264 100
260 23.8 18.9 28.3
265 22.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.388 ng

RT: 28.733 min Scan# 41

Delta R.T. -0.082 min

Lab File: BP024322.D

Acq: 17 Apr 2025 11:51

Instrument :

BNA_P

ClientSampleId :

PB167564BS

Tgt Ion:276 Resp: 422528

Ion Ratio Lower Upper

276 100

138 17.1 14.5 21.7

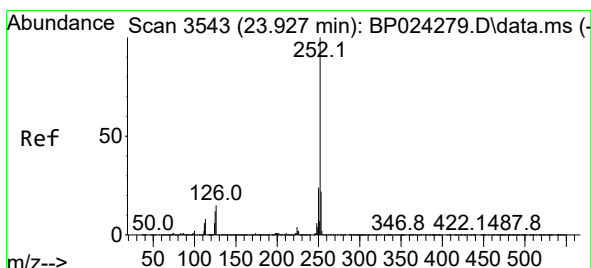
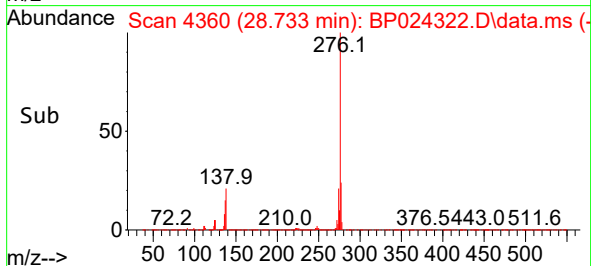
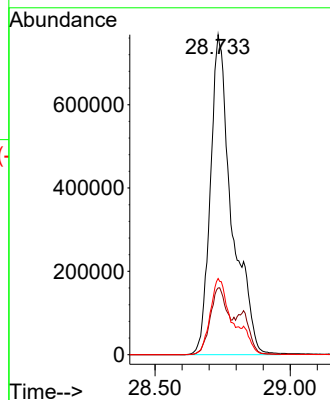
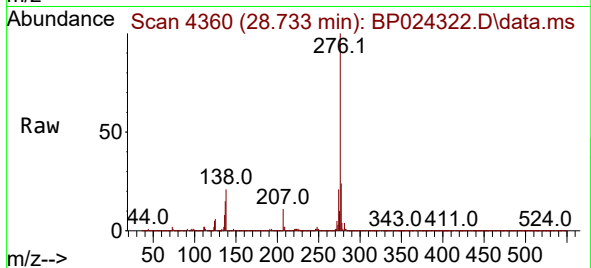
277 22.3 20.2 30.2

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Reviewed By :Rahul Chavli 04/18/2025

Supervised By :Jagrut Upadhyay 04/18/2025



#88

Benzo(b)fluoranthene

Concen: 44.922 ng

RT: 23.886 min Scan# 3536

Delta R.T. -0.047 min

Lab File: BP024322.D

Acq: 17 Apr 2025 11:51

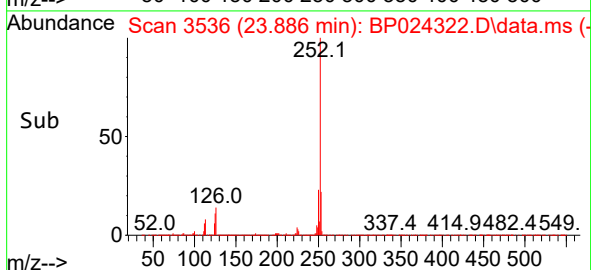
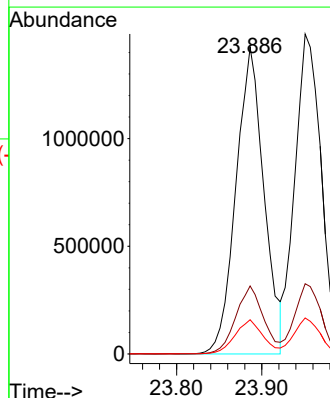
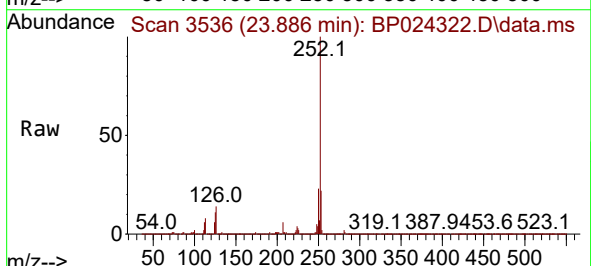
Tgt Ion:252 Resp: 3252383

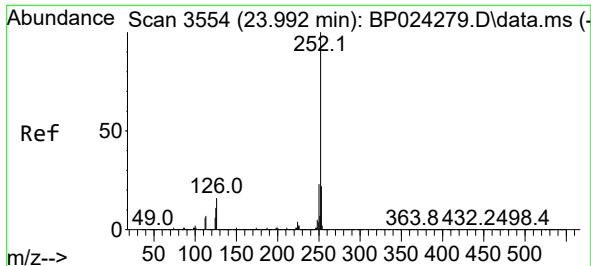
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.2 9.4 14.0





#89
Benzo(k)fluoranthene
Concen: 45.930 ng
RT: 23.951 min Scan# 31
Delta R.T. -0.047 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Instrument :

BNA_P

ClientSampleId :

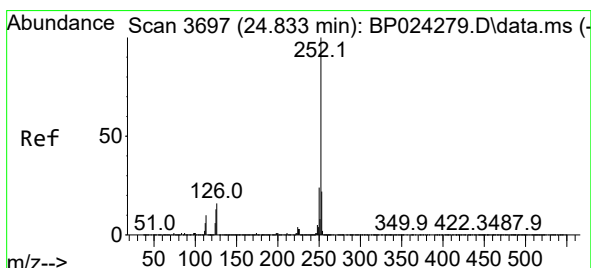
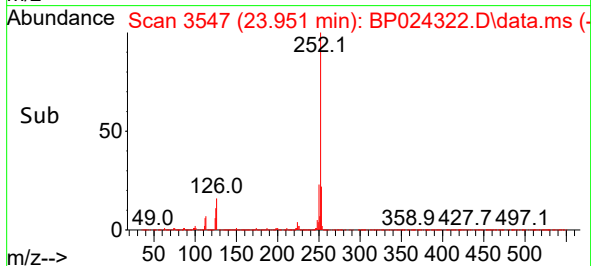
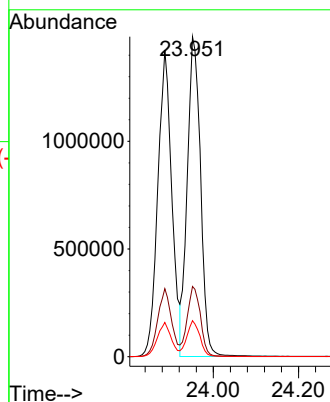
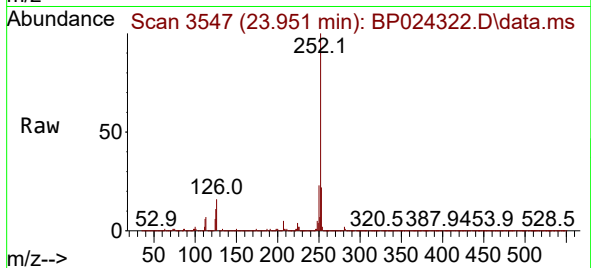
PB167564BS

Tgt Ion:252 Resp: 321211
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 11.3 9.1 13.7

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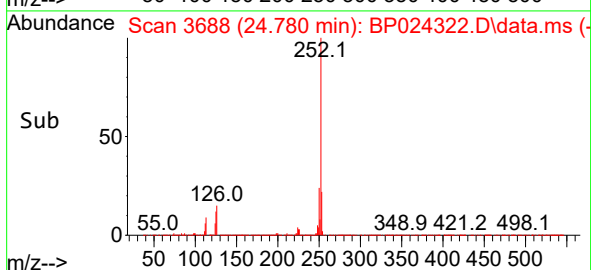
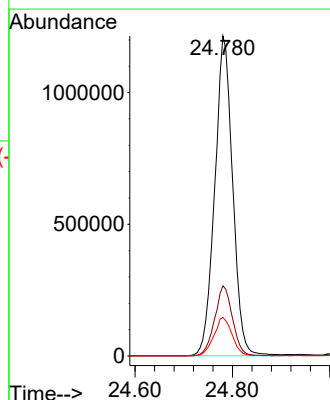
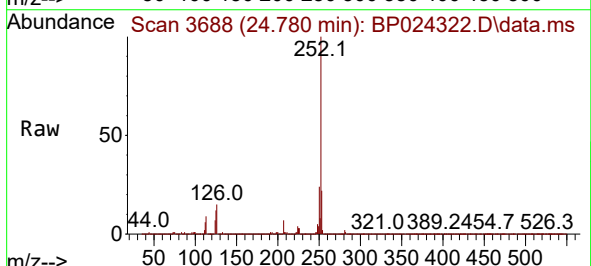
APPROVED

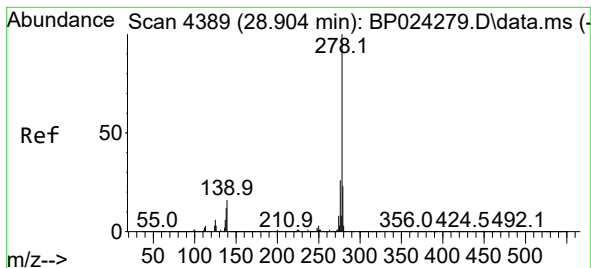
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#90
Benzo(a)pyrene
Concen: 49.635 ng
RT: 24.780 min Scan# 3688
Delta R.T. -0.053 min
Lab File: BP024322.D
Acq: 17 Apr 2025 11:51

Tgt Ion:252 Resp: 3099830
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 12.1 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 50.449 ng

RT: 28.827 min Scan# 41

Delta R.T. -0.059 min

Lab File: BP024322.D

Acq: 17 Apr 2025 11:51

Instrument :

BNA_P

ClientSampleId :

PB167564BS

Tgt Ion:278 Resp: 351140

Ion Ratio Lower Upper

278 100

139 16.9 12.6 19.0

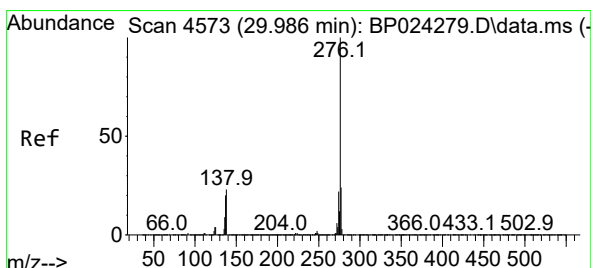
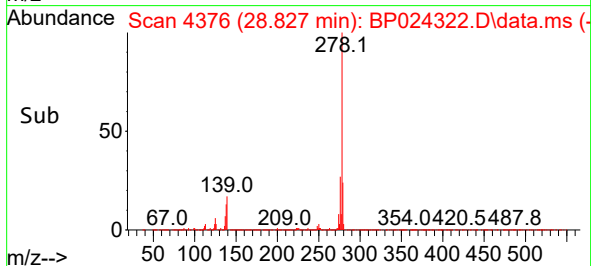
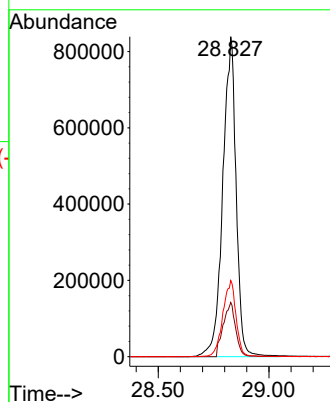
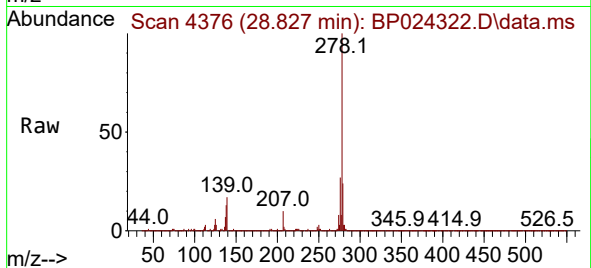
279 23.8 18.5 27.7

Manual Integrations

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Reviewed By :Rahul Chavli 04/18/2025

Supervised By :Jagrut Upadhyay 04/18/2025



#92

Benzo(g,h,i)perylene

Concen: 49.155 ng

RT: 29.933 min Scan# 4564

Delta R.T. -0.065 min

Lab File: BP024322.D

Acq: 17 Apr 2025 11:51

Tgt Ion:276 Resp: 3482393

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 22.1 18.7 28.1

