

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
 Data File : BP024323.D
 Acq On : 17 Apr 2025 12:32
 Operator : RC/JU
 Sample : PB167564BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167564BSD

Manual Integrations
 APPROVED

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

Quant Time: Apr 17 12:56:34 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	302883	20.000	ng	0.02
21) Naphthalene-d8	10.504	136	1314398	20.000	ng	0.02
39) Acenaphthene-d10	14.363	164	875504	20.000	ng	0.01
64) Phenanthrene-d10	17.157	188	1837449	20.000	ng	0.00
76) Chrysene-d12	21.604	240	1940224	20.000	ng	0.00
86) Perylene-d12	24.945	264	1918974	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2617757	142.905	ng	0.01
7) Phenol-d6	6.916	99	3442715	137.254	ng	0.02
23) Nitrobenzene-d5	8.881	82	2046050	88.762	ng	0.02
42) 2,4,6-Tribromophenol	15.875	330	1831246	151.179	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	4841796	84.675	ng	0.00
79) Terphenyl-d14	19.886	244	8693032	90.309	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	266140	34.349	ng	97
3) Pyridine	3.681	79	729195	35.641	ng	98
4) n-Nitrosodimethylamine	3.593	42	304169	44.796	ng	96
6) Aniline	7.069	93	977592	43.616	ng	100
8) 2-Chlorophenol	7.299	128	1025260	50.130	ng	100
9) Benzaldehyde	6.875	77	263741	21.257	ng	100
10) Phenol	6.940	94	1284161	51.036	ng	97
11) bis(2-Chloroethyl)ether	7.158	93	909275	44.852	ng	99
12) 1,3-Dichlorobenzene	7.616	146	982467	44.621	ng	99
13) 1,4-Dichlorobenzene	7.763	146	1007346	45.092	ng	99
14) 1,2-Dichlorobenzene	8.075	146	982429	45.542	ng	100
15) Benzyl Alcohol	7.969	79	828445	51.072	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.246	45	1038203	47.378	ng	100
17) 2-Methylphenol	8.169	107	881157	54.134	ng	98
18) Hexachloroethane	8.793	117	375219	46.475	ng	99
19) n-Nitroso-di-n-propyla...	8.528	70	718298	46.289	ng	99
20) 3+4-Methylphenols	8.493	107	1206984	53.441	ng	99
22) Acetophenone	8.546	105	1455151	44.730	ng	100
24) Nitrobenzene	8.922	77	1045345	45.842	ng	100
25) Isophorone	9.440	82	2080987	49.875	ng	100
26) 2-Nitrophenol	9.622	139	557908	49.995	ng	99
27) 2,4-Dimethylphenol	9.687	122	1003038	71.584	ng	98
28) bis(2-Chloroethoxy)met...	9.916	93	1315176	46.660	ng	99
29) 2,4-Dichlorophenol	10.163	162	998582	52.267	ng	99
30) 1,2,4-Trichlorobenzene	10.363	180	938774	45.861	ng	99
31) Naphthalene	10.557	128	3017816	43.586	ng	99
32) Benzoic acid	9.857	122	835098m	51.148	ng	
33) 4-Chloroaniline	10.657	127	484538	19.872	ng	99
34) Hexachlorobutadiene	10.840	225	555424	46.175	ng	99
35) Caprolactam	11.469	113	376079m	53.348	ng	
36) 4-Chloro-3-methylphenol	11.799	107	1170976	52.620	ng	99
37) 2-Methylnaphthalene	12.163	142	1971746	41.063	ng	98
38) 1-Methylnaphthalene	12.387	142	2095327	44.606	ng	99
40) 1,2,4,5-Tetrachloroben...	12.540	216	1066625	44.301	ng	99
41) Hexachlorocyclopentadiene	12.522	237	1464235	171.955	ng	99
43) 2,4,6-Trichlorophenol	12.787	196	808151	50.486	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	913031	51.508	ng	99
46) 1,1'-Biphenyl	13.181	154	2841421	44.153	ng	99
47) 2-Chloronaphthalene	13.228	162	2163828	44.988	ng	99
48) 2-Nitroaniline	13.434	65	698909	51.804	ng	99
49) Acenaphthylene	14.081	152	3739262	49.379	ng	100
50) Dimethylphthalate	13.822	163	3042218	47.782	ng	99
51) 2,6-Dinitrotoluene	13.934	165	686987	50.813	ng	97
52) Acenaphthene	14.428	154	2121498	44.191	ng	100
53) 3-Nitroaniline	14.269	138	434239	30.560	ng	98
54) 2,4-Dinitrophenol	14.487	184	930798	116.879	ng	100
55) Dibenzofuran	14.763	168	3422328	43.612	ng	99
56) 4-Nitrophenol	14.598	139	1367153	111.403	ng	98
57) 2,4-Dinitrotoluene	14.740	165	985672	53.445	ng	97
58) Fluorene	15.428	166	2815136	46.341	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	819400	50.120	ng	99
60) Diethylphthalate	15.198	149	3121191	47.571	ng	99
61) 4-Chlorophenyl-phenyle...	15.416	204	1380633	46.802	ng	99
62) 4-Nitroaniline	15.451	138	757647	50.367	ng	96
63) Azobenzene	15.716	77	2779156	46.085	ng	99
65) 4,6-Dinitro-2-methylph...	15.510	198	590845	51.003	ng	99
66) n-Nitrosodiphenylamine	15.639	169	2553196	46.554	ng	99
67) 4-Bromophenyl-phenylether	16.328	248	955330	47.539	ng	98
68) Hexachlorobenzene	16.445	284	1138569	47.680	ng	98
69) Atrazine	16.622	200	948667	67.916	ng	99
70) Pentachlorophenol	16.804	266	1667730	100.110	ng	98
71) Phenanthrene	17.204	178	4526959	45.162	ng	100
72) Anthracene	17.292	178	4645447	48.085	ng	99
73) Carbazole	17.581	167	4558890	48.296	ng	99
74) Di-n-butylphthalate	18.169	149	5765574	49.026	ng	100
75) Fluoranthene	19.292	202	5545317	46.515	ng	99
77) Benzidine	19.486	184	1998211	81.248	ng	100
78) Pyrene	19.669	202	5661848	45.918	ng	100
80) Butylbenzylphthalate	20.616	149	2712595	51.361	ng	96
81) Benzo(a)anthracene	21.580	228	5744445	47.634	ng	100
82) 3,3'-Dichlorobenzidine	21.498	252	1340459	31.668	ng	100
83) Chrysene	21.651	228	5299827	45.871	ng	100
84) Bis(2-ethylhexyl)phtha...	21.522	149	3796363	49.034	ng	99
85) Di-n-octyl phthalate	22.798	149	6244844	49.614	ng	99
87) Indeno(1,2,3-cd)pyrene	28.756	276	5581645	41.897	ng	94
88) Benzo(b)fluoranthene	23.898	252	5657100	49.181	ng	99
89) Benzo(k)fluoranthene	23.968	252	5487531	49.389	ng	100
90) Benzo(a)pyrene	24.792	252	5161830	52.024	ng	99
91) Dibenzo(a,h)anthracene	28.827	278	4627739	41.850	ng	99
92) Benzo(g,h,i)perylene	29.927	276	4356459	38.705	ng	99

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

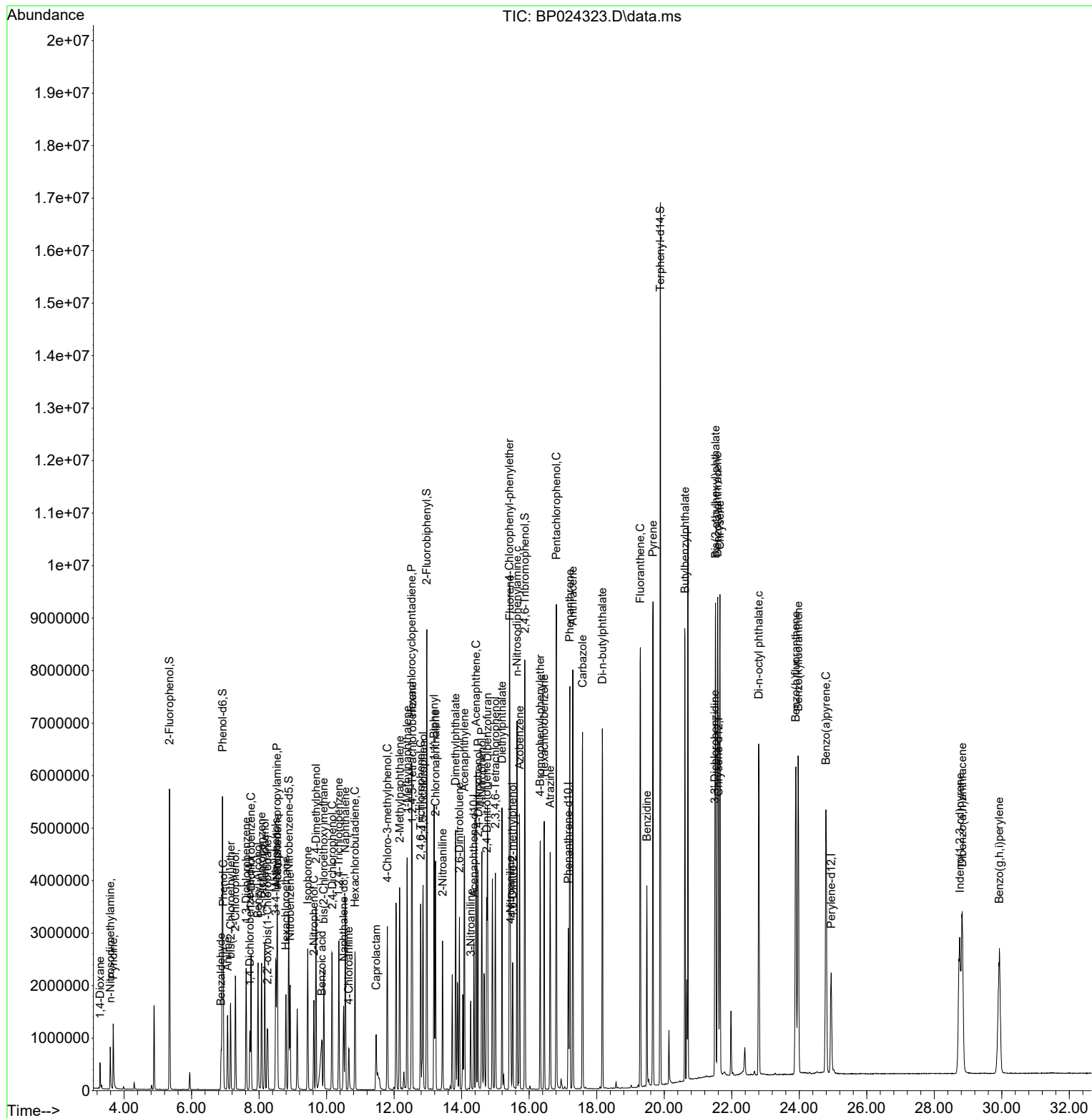
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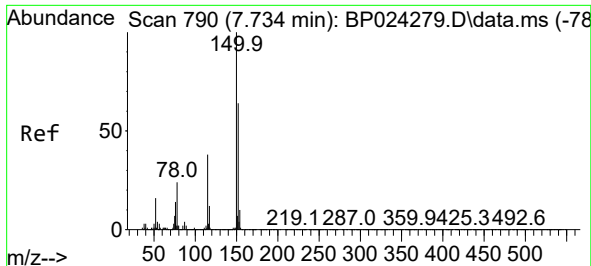
Instrument :
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 ClientSampleId :
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 70
Delta R.T. 0.020 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

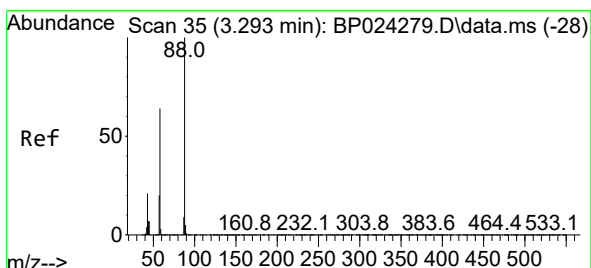
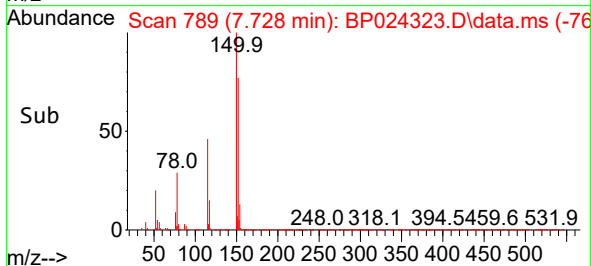
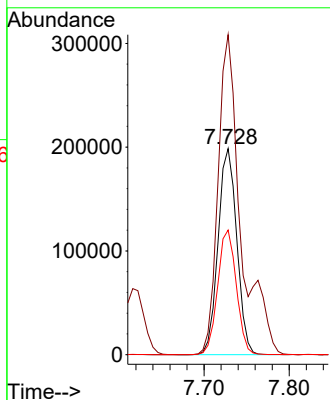
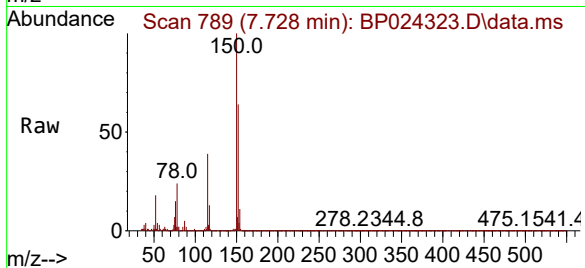
PB167564BSD

Tgt Ion:152 Resp: 30288
Ion Ratio Lower Upper
152 100
150 155.3 124.9 187.3
115 60.5 47.7 71.5

Manual Integrations

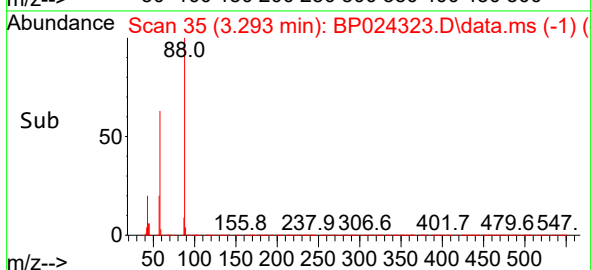
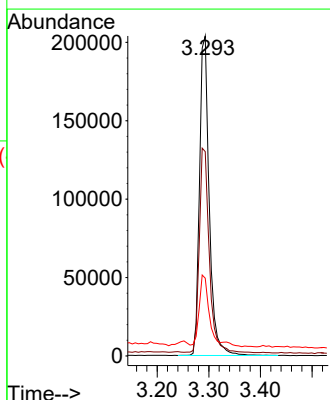
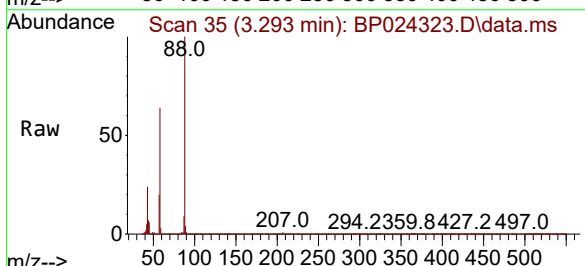
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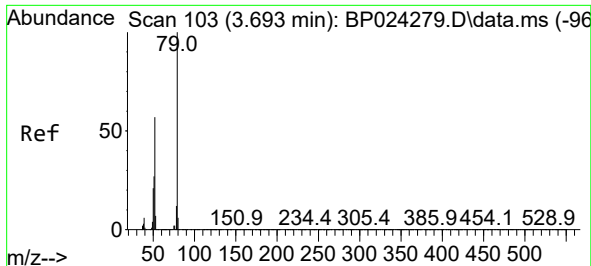
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#2
1,4-Dioxane
Concen: 34.349 ng
RT: 3.293 min Scan# 35
Delta R.T. 0.020 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

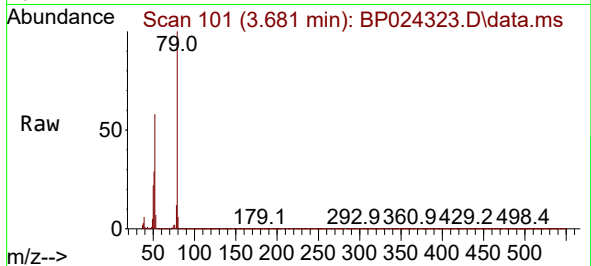
Tgt Ion: 88 Resp: 266140
Ion Ratio Lower Upper
88 100
58 65.6 51.4 77.2
43 24.2 17.1 25.7





#3
Pyridine
Concen: 35.641 ng
RT: 3.681 min Scan# 103
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

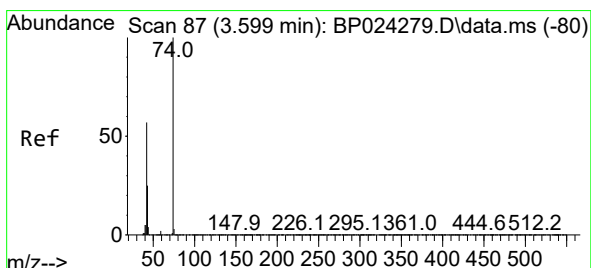
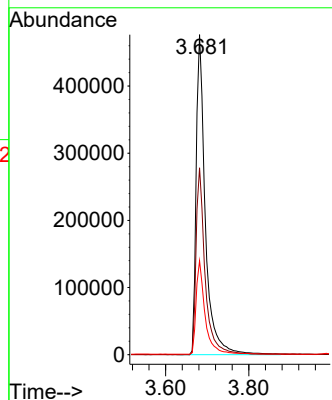
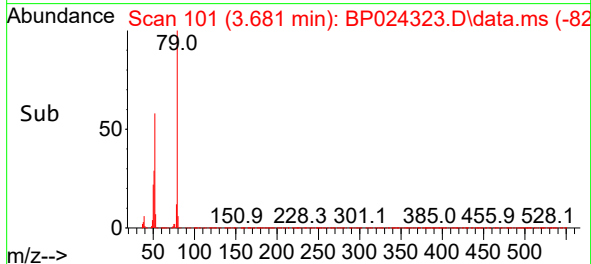
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



Tgt Ion: 79 Resp: 72919
Ion Ratio Lower Upper
79 100
52 58.4 45.4 68.2
51 29.4 22.6 33.8

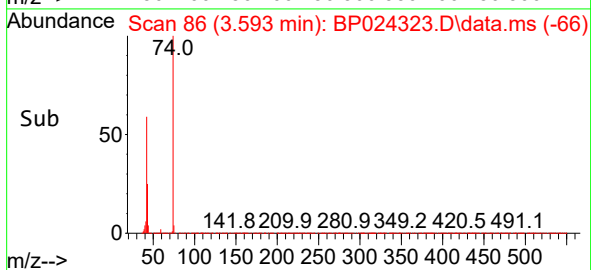
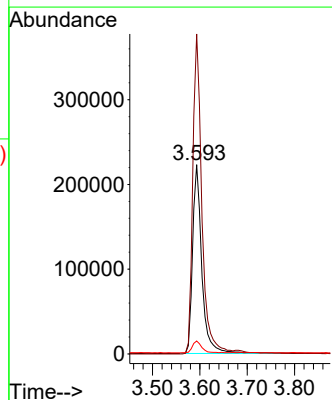
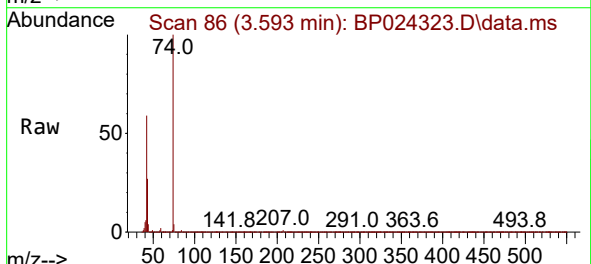
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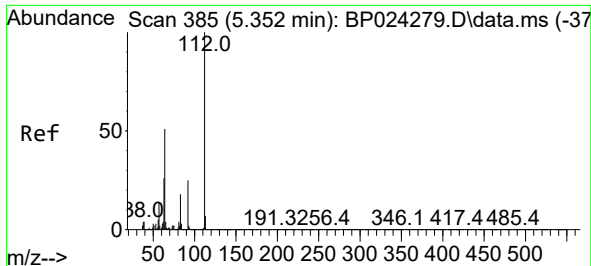
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Supervised By :Jagrut Upadhyay 04/18/2025



#4
n-Nitrosodimethylamine
Concen: 44.796 ng
RT: 3.593 min Scan# 86
Delta R.T. 0.020 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

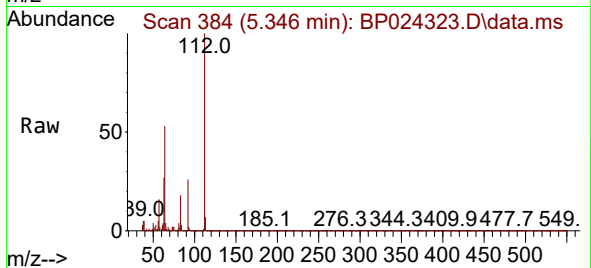
Tgt Ion: 42 Resp: 304169
Ion Ratio Lower Upper
42 100
74 169.1 139.5 209.3
44 6.8 5.8 8.8





#5
2-Fluorophenol
Concen: 142.905 ng
RT: 5.346 min Scan# 385
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

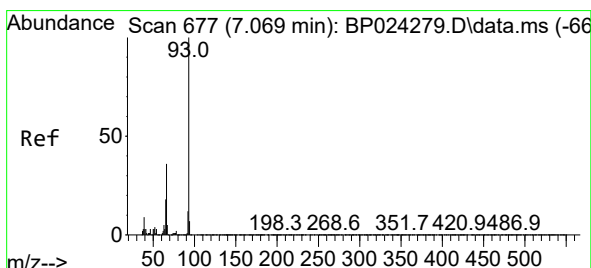
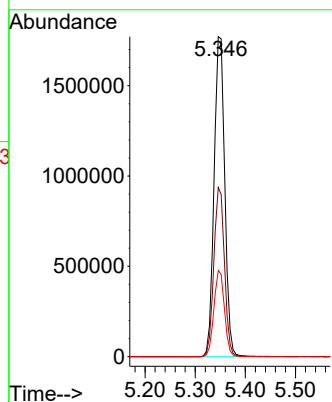
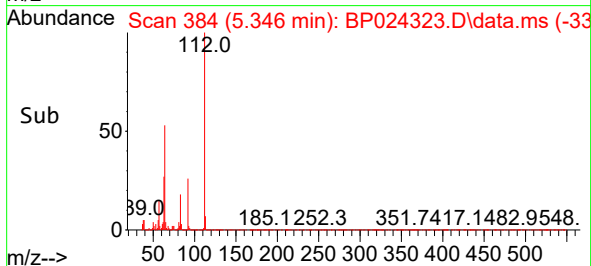
Instrument :
BNA_P
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Tgt Ion:112 Resp: 261775
Ion Ratio Lower Upper
112 100
64 52.9 41.1 61.7
63 27.0 20.6 30.8

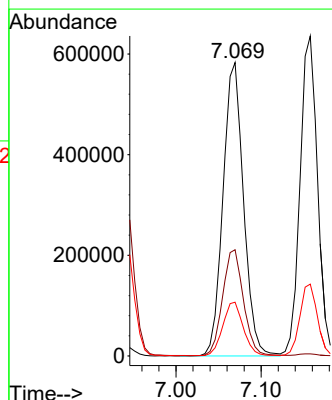
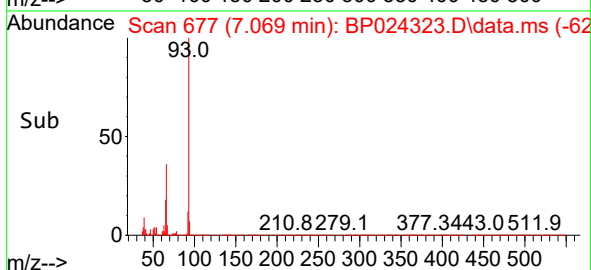
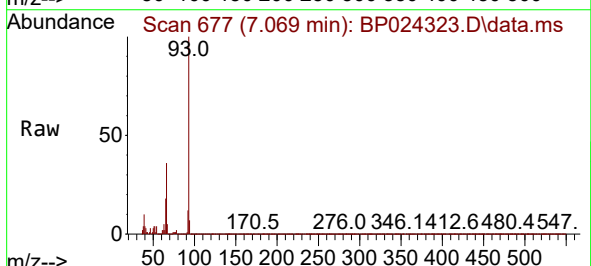
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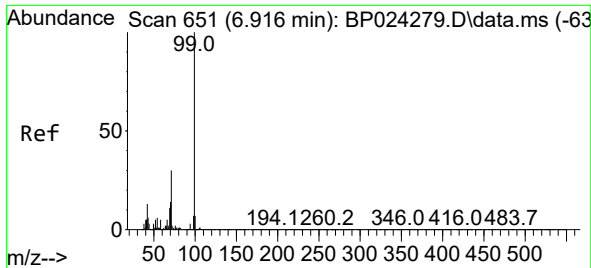
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#6
Aniline
Concen: 43.616 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.020 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

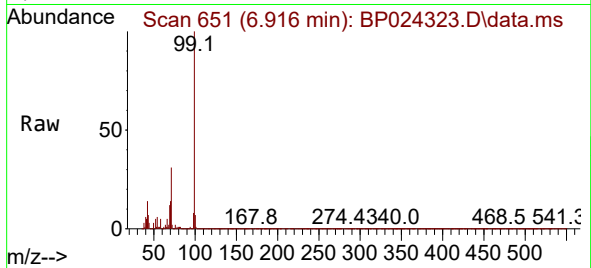
Tgt Ion: 93 Resp: 977592
Ion Ratio Lower Upper
93 100
66 36.2 29.1 43.7
65 18.3 14.7 22.1





#7
Phenol-d6
Concen: 137.254 ng
RT: 6.916 min Scan# 651
Delta R.T. 0.020 min
Lab File: BP024323.D
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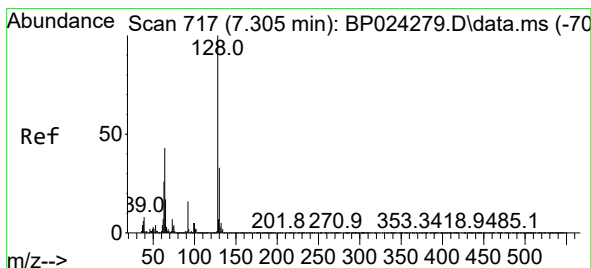
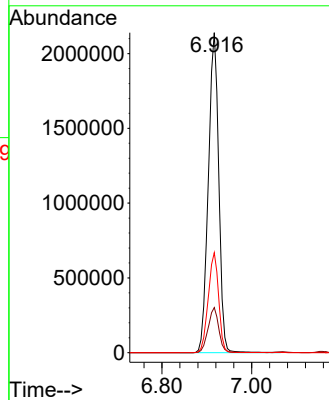
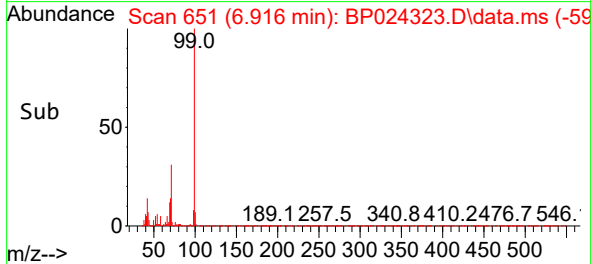
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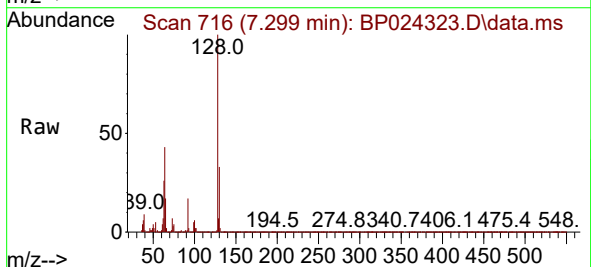
Tgt Ion: 99 Resp: 3442715
Ion Ratio Lower Upper
99 100
42 14.1 10.6 16.0
71 31.3 23.7 35.5

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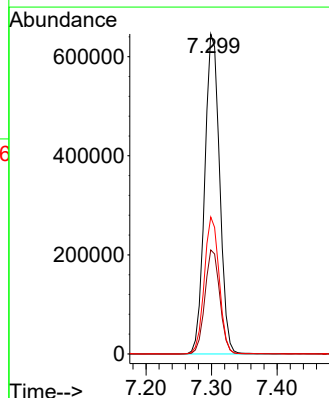
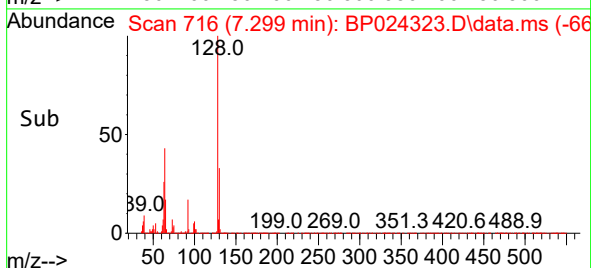
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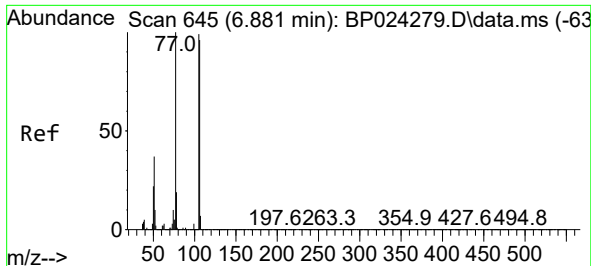


#8
2-Chlorophenol
Concen: 50.130 ng
RT: 7.299 min Scan# 716
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32



Tgt Ion:128 Resp: 1025260
Ion Ratio Lower Upper
128 100
130 32.5 12.9 52.9
64 42.8 22.7 62.7





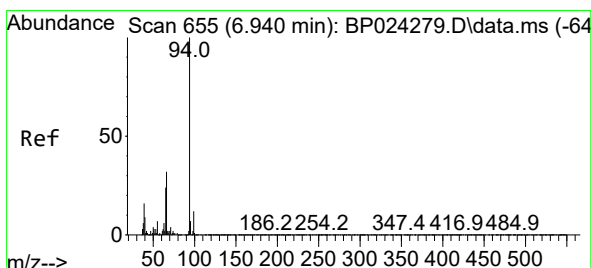
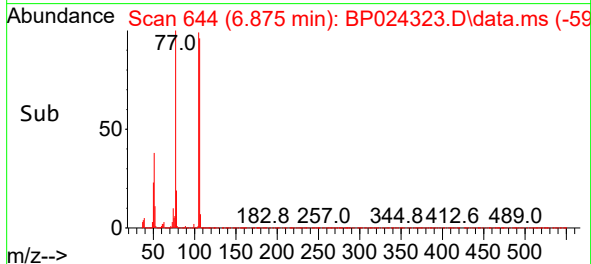
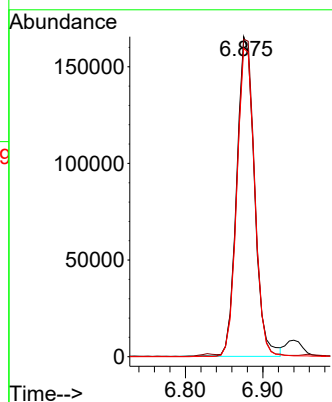
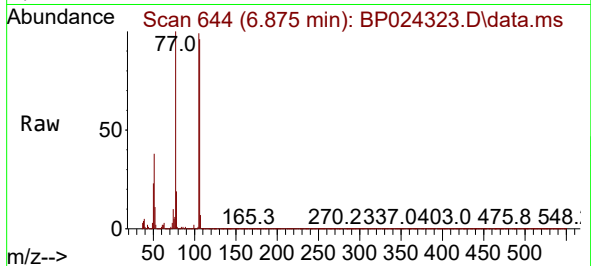
#9
Benzaldehyde
Concen: 21.257 ng
RT: 6.875 min Scan# 644
Delta R.T. 0.014 min
Lab File: BP024323.D
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ClientSampleId :
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Tgt Ion: 77 Resp: 26374
Ion Ratio Lower Upper
77 100
105 99.2 79.2 119.2
106 96.3 76.2 116.2

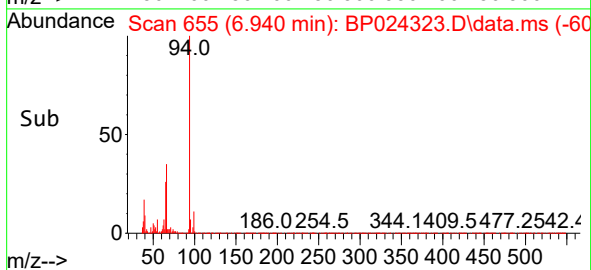
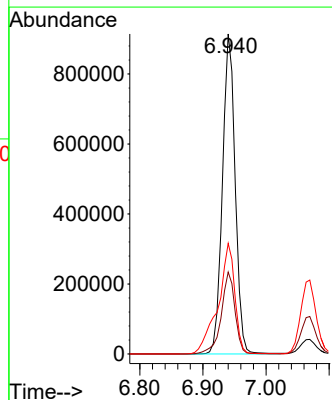
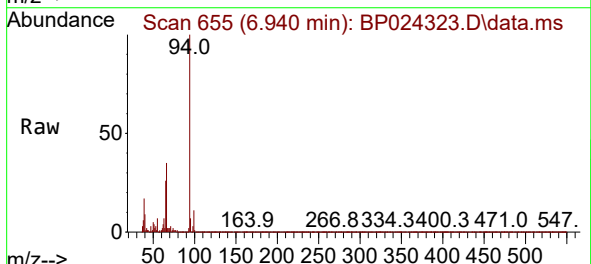
Manual Integrations
APPROVED

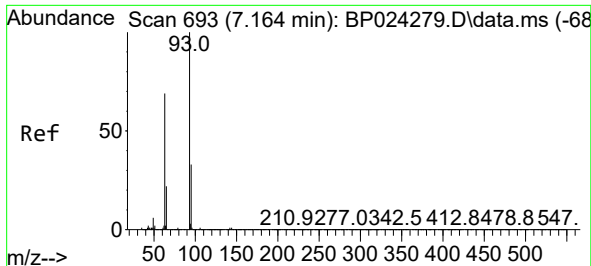
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#10
Phenol
Concen: 51.036 ng
RT: 6.940 min Scan# 655
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

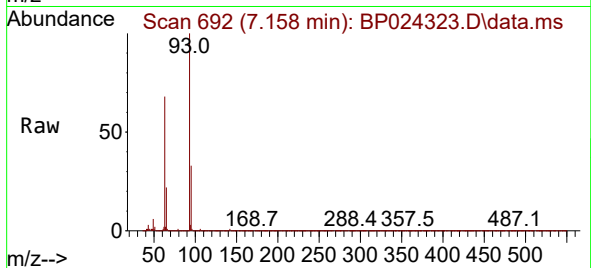
Tgt Ion: 94 Resp: 1284161
Ion Ratio Lower Upper
94 100
65 25.6 4.5 44.5
66 34.5 12.4 52.4





#11
bis(2-Chloroethyl)ether
Concen: 44.852 ng
RT: 7.158 min Scan# 693
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

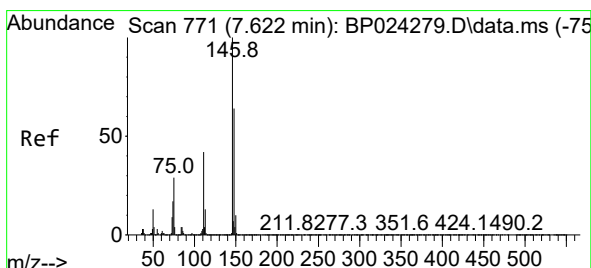
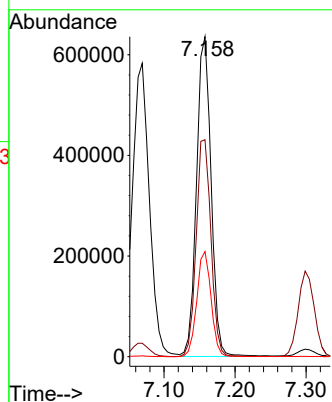
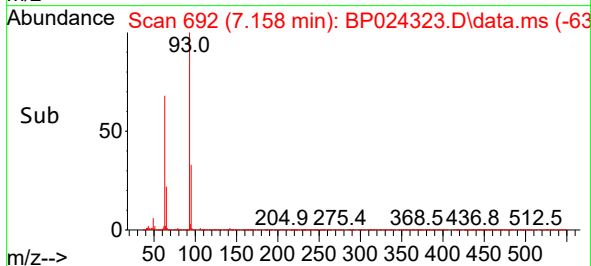
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



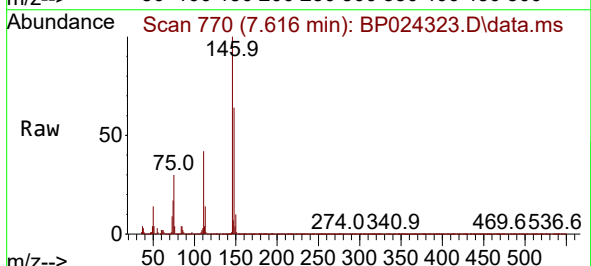
Tgt Ion: 93 Resp: 909275
Ion Ratio Lower Upper
93 100
63 67.8 48.6 88.6
95 32.8 12.3 52.3

Manual Integrations
APPROVED

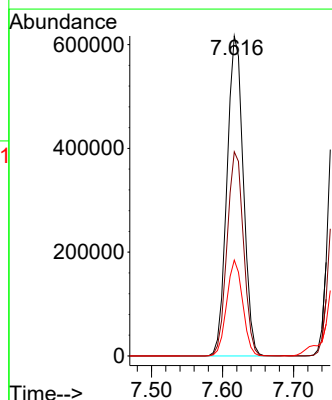
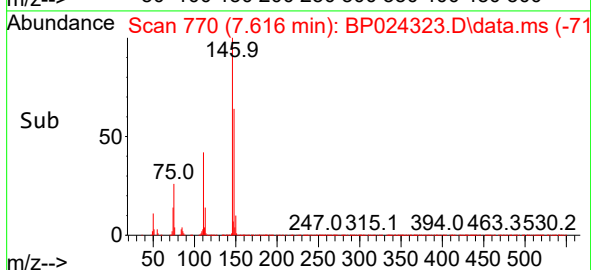
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

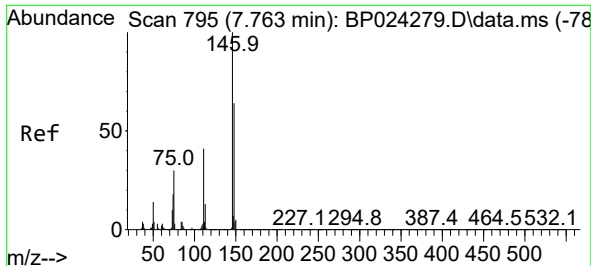


#12
1,3-Dichlorobenzene
Concen: 44.621 ng
RT: 7.616 min Scan# 770
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32



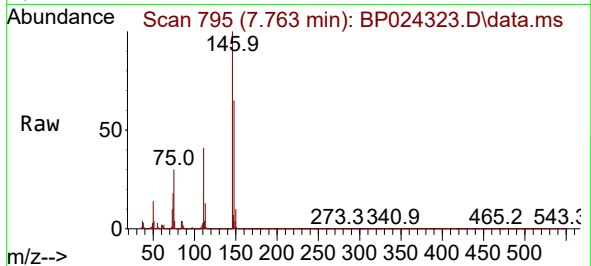
Tgt Ion:146 Resp: 982467
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.0
75 30.0 22.9 34.3





#13
1,4-Dichlorobenzene
Concen: 45.092 ng
RT: 7.763 min Scan# 795
Delta R.T. 0.020 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

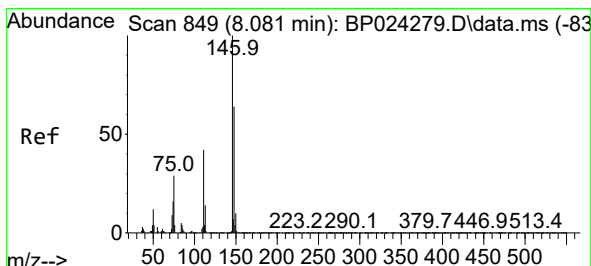
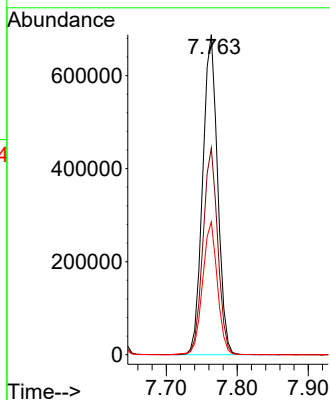
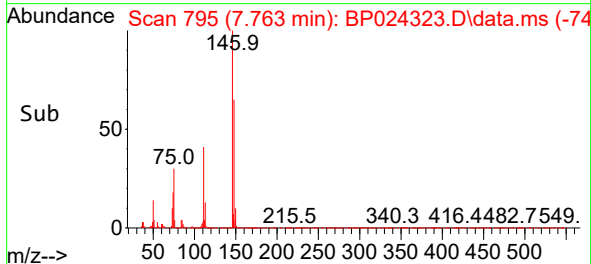
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



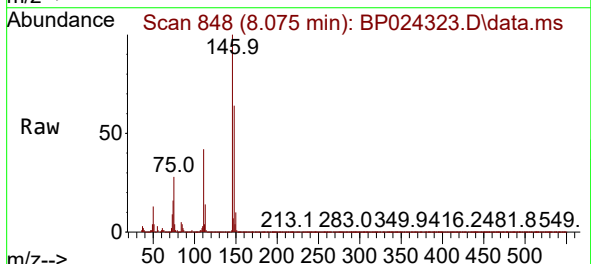
Tgt Ion:146 Resp: 1007340
Ion Ratio Lower Upper
146 100
148 64.6 51.1 76.7
111 41.5 32.6 48.8

Manual Integrations
APPROVED

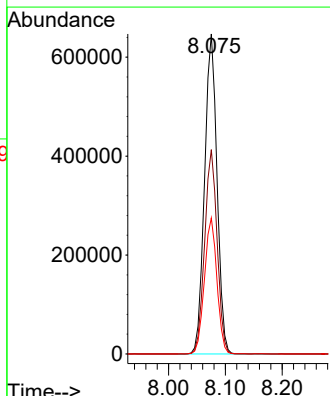
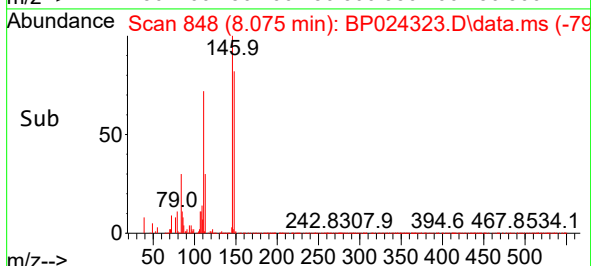
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

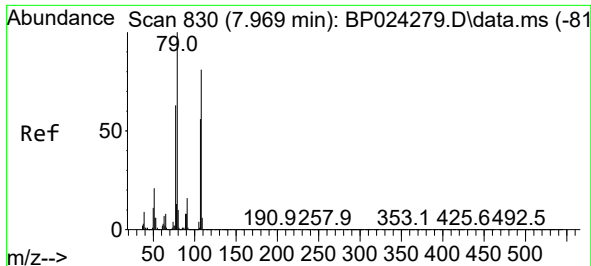


#14
1,2-Dichlorobenzene
Concen: 45.542 ng
RT: 8.075 min Scan# 848
Delta R.T. 0.020 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32



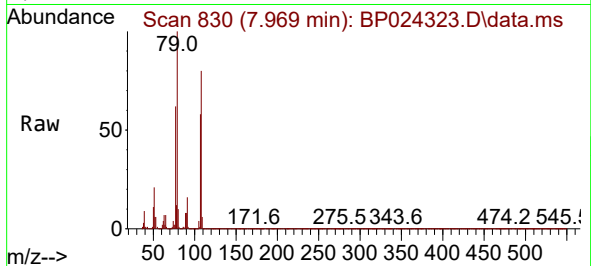
Tgt Ion:146 Resp: 982429
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
111 42.5 33.8 50.8





#15
Benzyl Alcohol
Concen: 51.072 ng
RT: 7.969 min Scan# 81
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

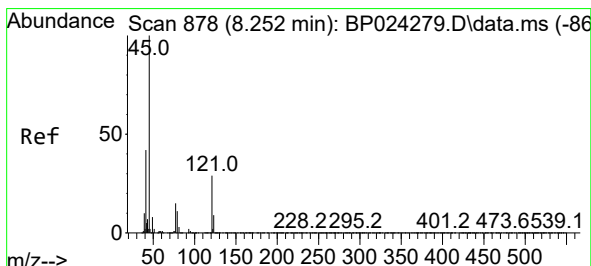
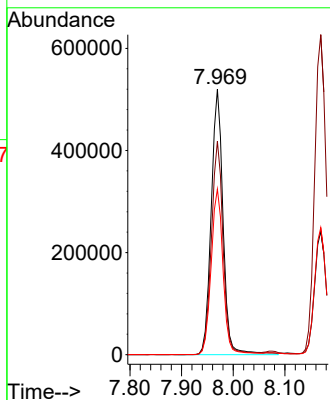
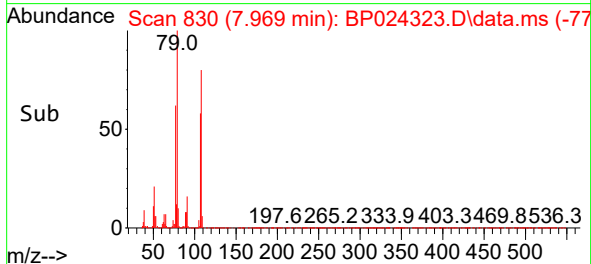
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



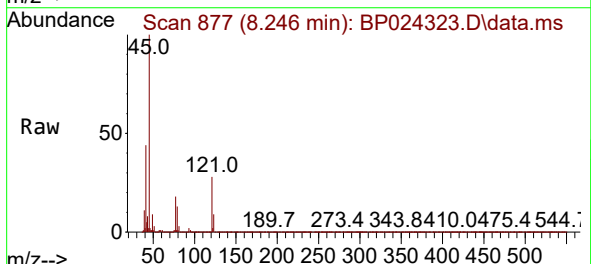
Tgt Ion: 79 Resp: 82844
Ion Ratio Lower Upper
79 100
108 80.4 65.1 97.7
77 62.4 50.7 76.1

Manual Integrations
APPROVED

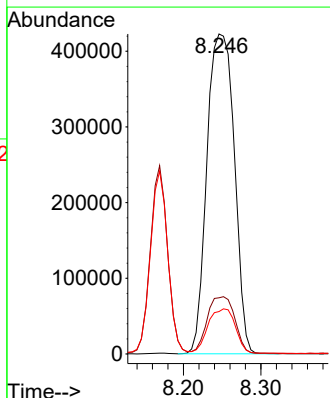
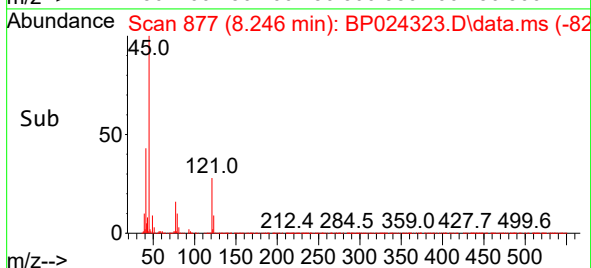
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.378 ng
RT: 8.246 min Scan# 877
Delta R.T. 0.008 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32



Tgt Ion: 45 Resp: 1038203
Ion Ratio Lower Upper
45 100
77 17.6 0.0 37.7
79 13.3 0.0 33.5





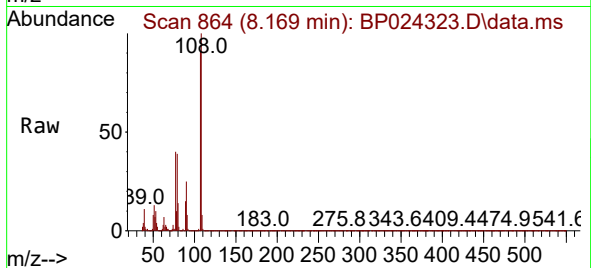
#17
2-Methylphenol
Concen: 54.134 ng
RT: 8.169 min Scan# 80
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD



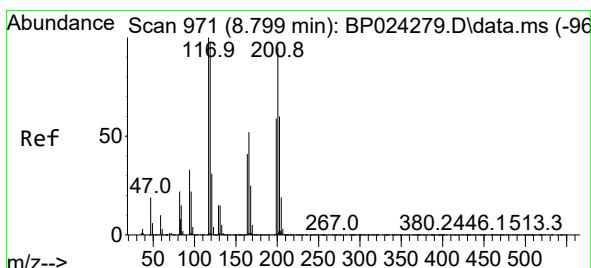
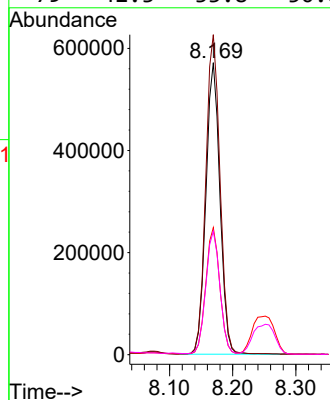
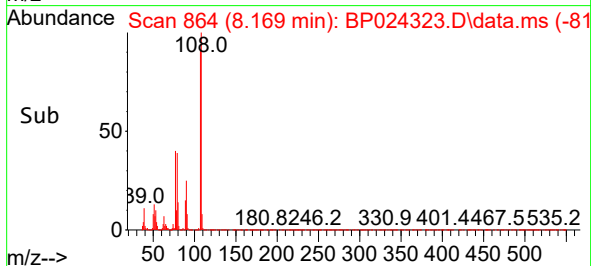
Tgt Ion:107 Resp: 88115
Ion Ratio Lower Upper
107 100
108 109.6 89.8 134.6
77 43.5 34.2 51.4
79 42.3 33.8 50.8

Manual Integrations

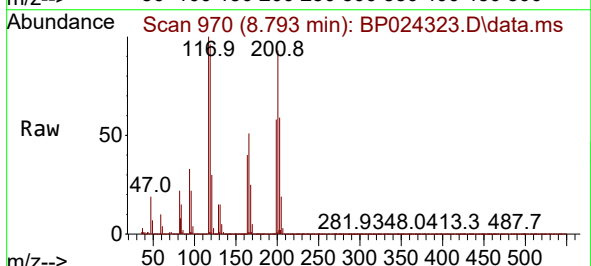
APPROVED

Reviewed By :Rahul Chavli 04/18/2025

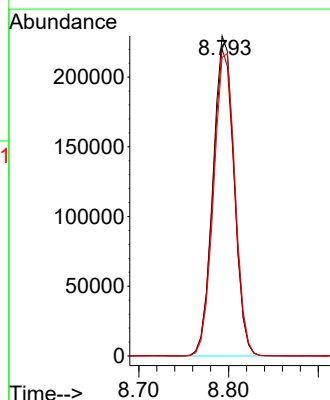
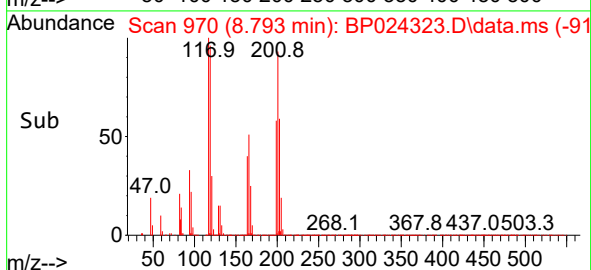
Supervised By :Jagrut Upadhyay 04/18/2025



#18
Hexachloroethane
Concen: 46.475 ng
RT: 8.793 min Scan# 970
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32



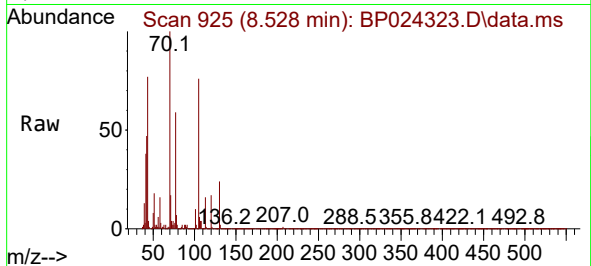
Tgt Ion:117 Resp: 375219
Ion Ratio Lower Upper
117 100
119 96.0 77.8 116.6
201 93.4 75.9 113.9





#19
n-Nitroso-di-n-propylamine
Concen: 46.289 ng
RT: 8.528 min Scan# 919
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

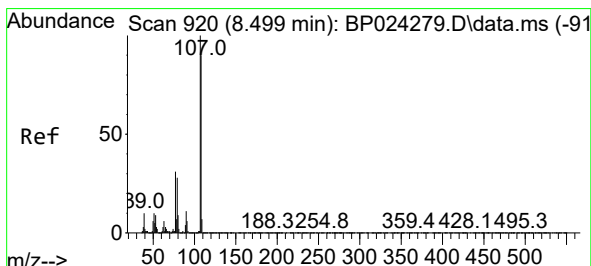
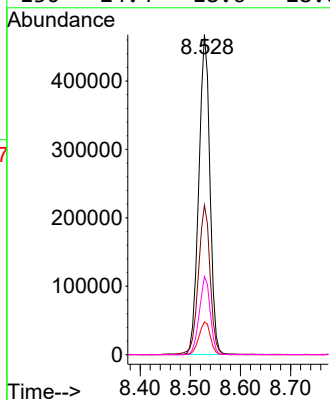
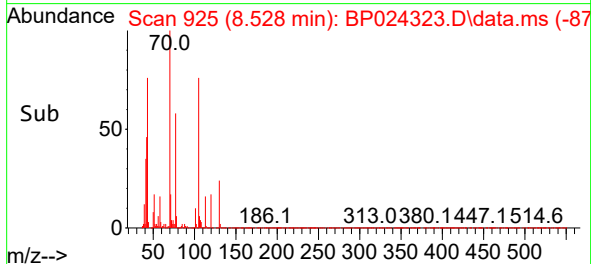
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



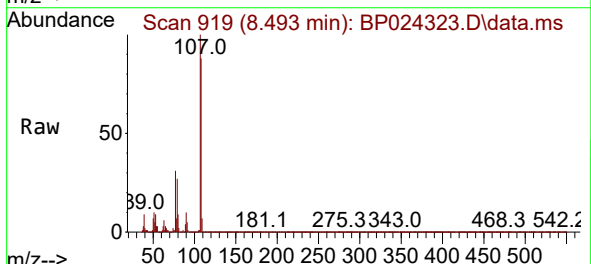
Tgt Ion: 70 Resp: 718298
Ion Ratio Lower Upper
70 100
42 46.7 37.3 55.9
101 10.2 8.2 12.4
130 24.4 18.6 28.0

Manual Integrations
APPROVED

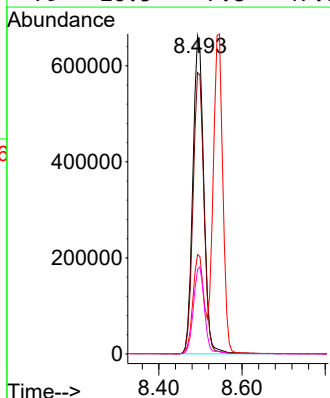
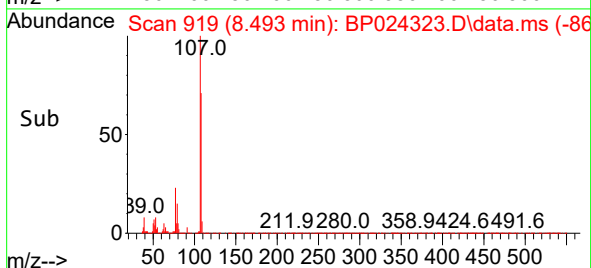
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

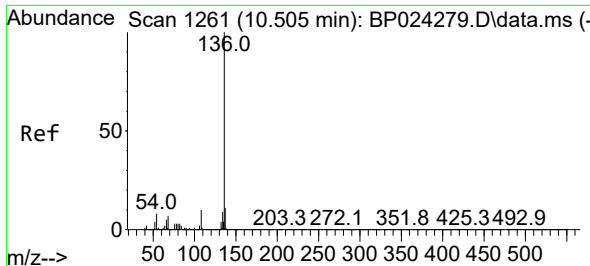


#20
3+4-Methylphenols
Concen: 53.441 ng
RT: 8.493 min Scan# 919
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32



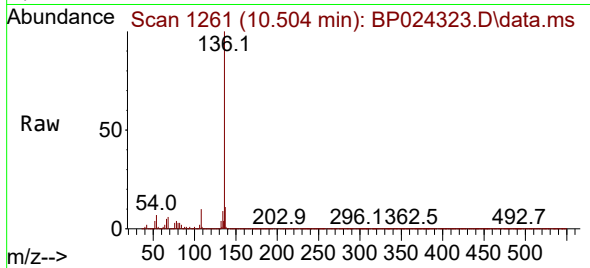
Tgt Ion:107 Resp: 1206984
Ion Ratio Lower Upper
107 100
108 88.5 69.8 109.8
77 31.3 11.5 51.5
79 26.5 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1261
Delta R.T. 0.020 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

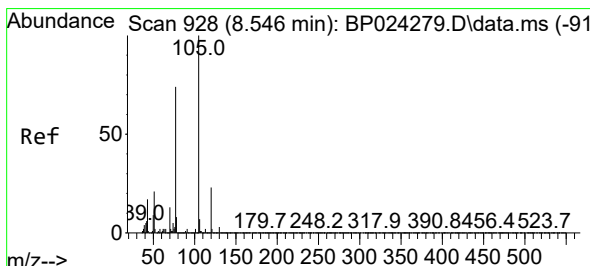
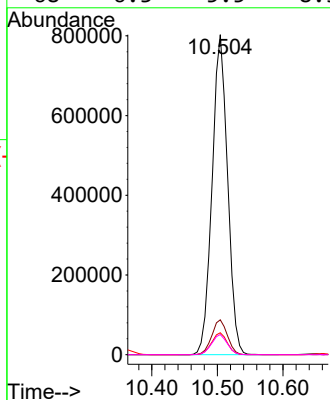
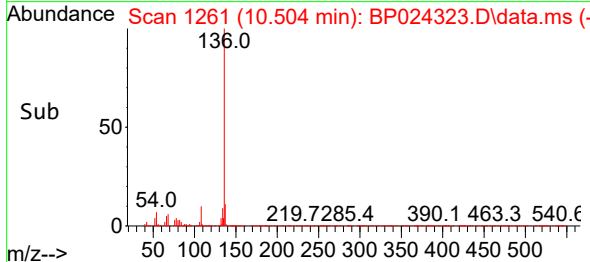
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



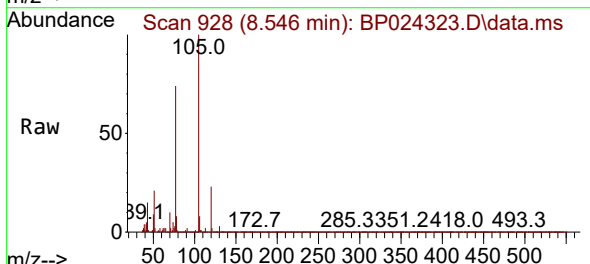
Tgt Ion:136 Resp: 1314398
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.9 6.0 9.0
68 6.3 5.5 8.3

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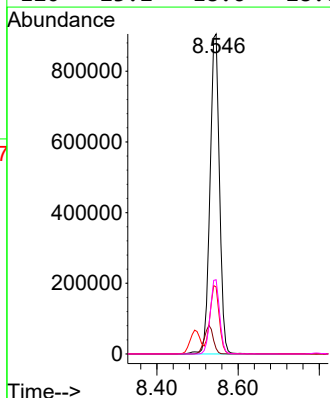
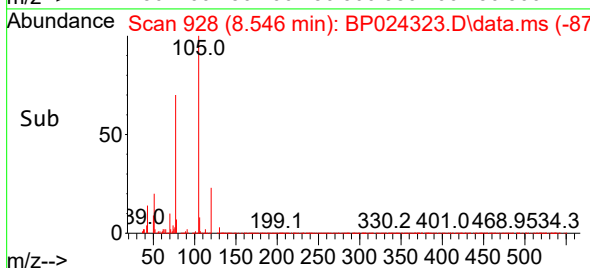
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

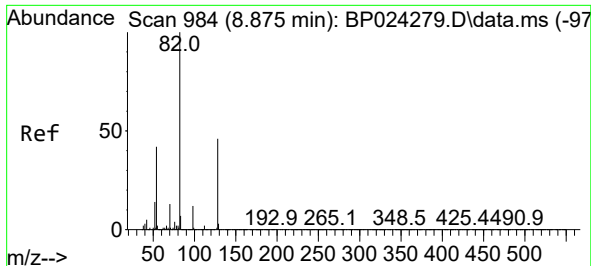


#22
Acetophenone
Concen: 44.730 ng
RT: 8.546 min Scan# 928
Delta R.T. 0.020 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32



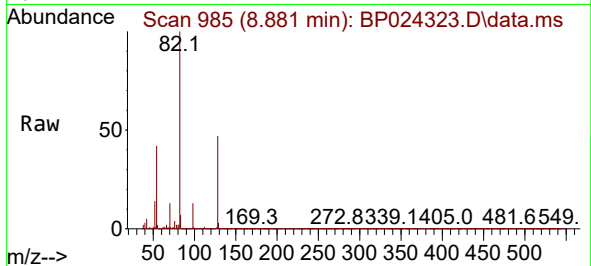
Tgt Ion:105 Resp: 1455151
Ion Ratio Lower Upper
105 100
71 1.7 1.7 2.5
51 21.0 16.9 25.3
120 23.2 18.6 28.0





#23
Nitrobenzene-d5
Concen: 88.762 ng
RT: 8.881 min Scan# 985
Delta R.T. 0.020 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

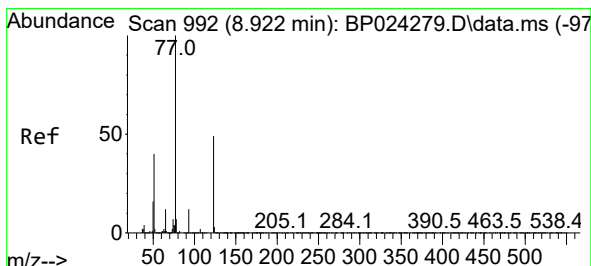
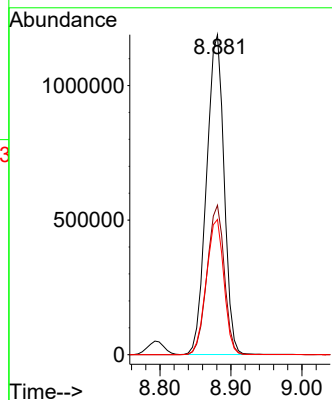
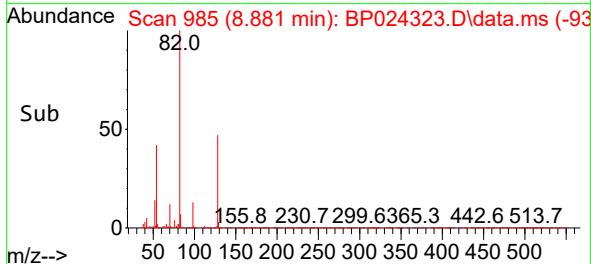
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



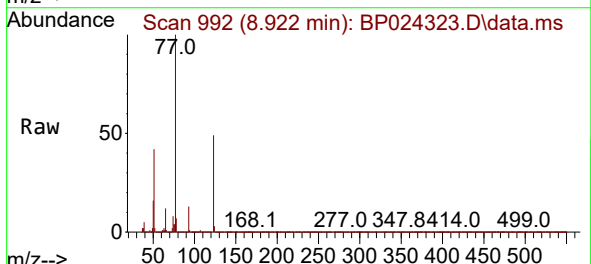
Tgt Ion: 82 Resp: 2046050
Ion Ratio Lower Upper
82 100
128 46.7 36.5 54.7
54 42.3 33.4 50.2

Manual Integrations
APPROVED

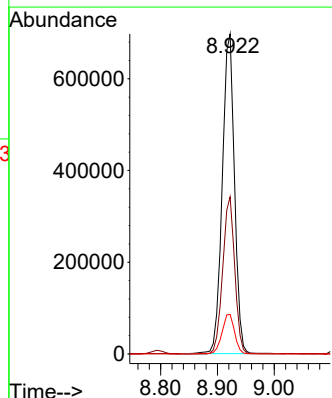
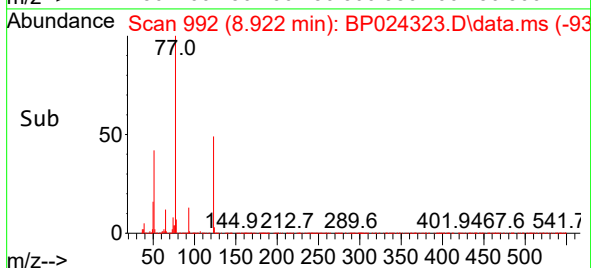
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

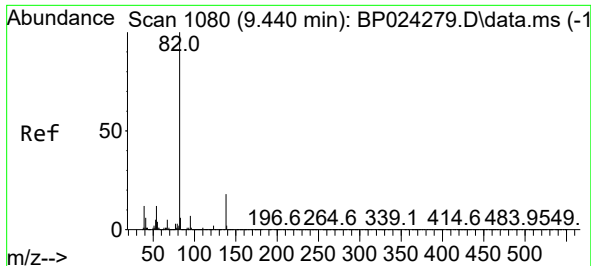


#24
Nitrobenzene
Concen: 45.842 ng
RT: 8.922 min Scan# 992
Delta R.T. 0.020 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32



Tgt Ion: 77 Resp: 1045345
Ion Ratio Lower Upper
77 100
123 49.1 39.2 58.8
65 12.4 9.8 14.6





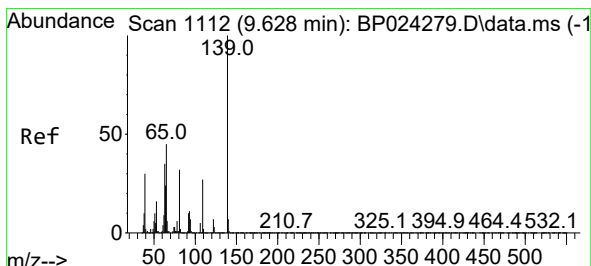
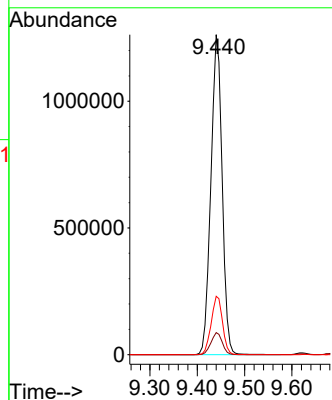
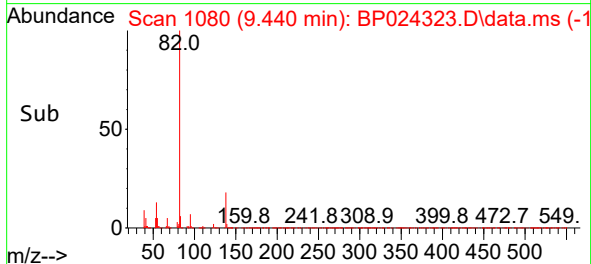
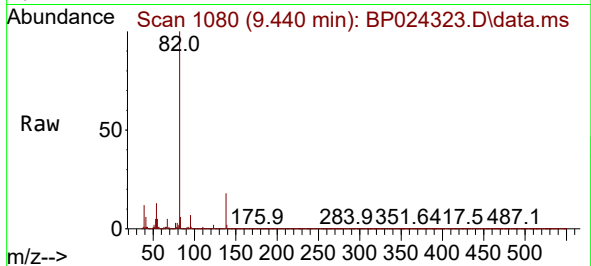
#25
Isophorone
Concen: 49.875 ng
RT: 9.440 min Scan# 1080
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Instrument :
BNA_P
ClientSampleId :
PB167564BSD

Tgt Ion: 82 Resp: 208098
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 18.2 14.4 21.6

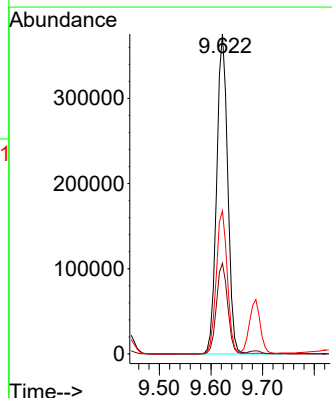
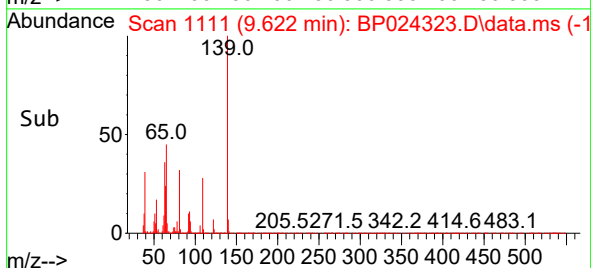
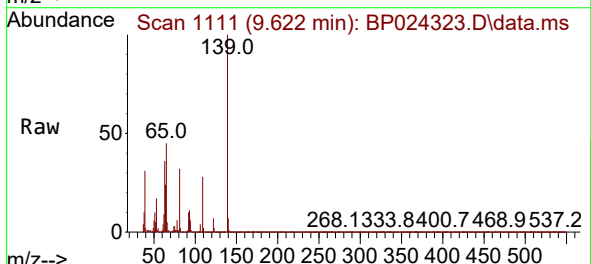
Manual Integrations
APPROVED

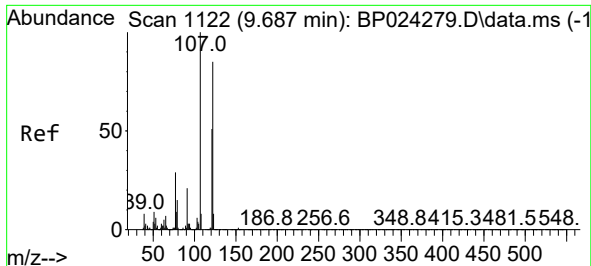
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#26
2-Nitrophenol
Concen: 49.995 ng
RT: 9.622 min Scan# 1111
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion:139 Resp: 557908
Ion Ratio Lower Upper
139 100
109 28.3 21.8 32.6
65 44.7 36.2 54.2





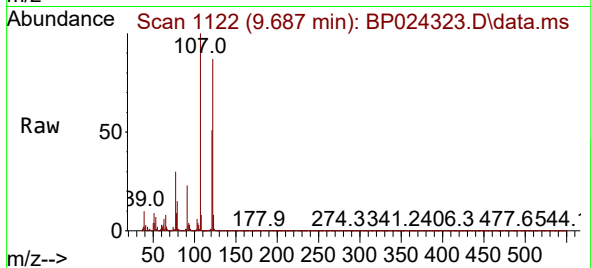
#27
2,4-Dimethylphenol
Concen: 71.584 ng
RT: 9.687 min Scan# 1122
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD



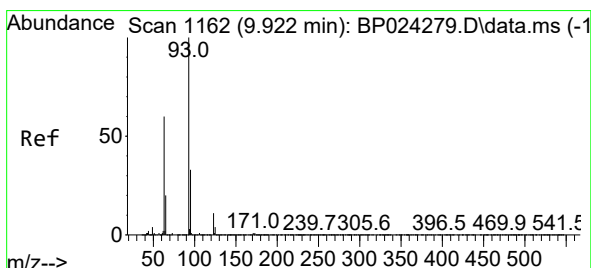
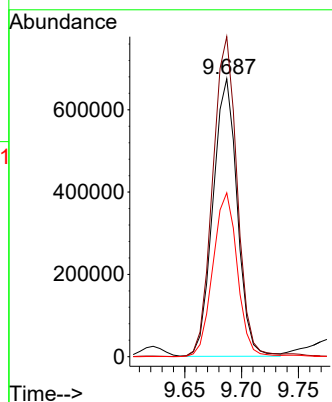
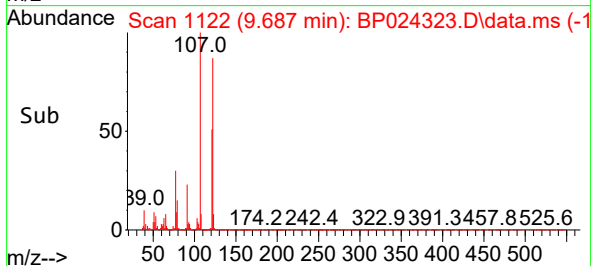
Tgt Ion: 122 Resp: 1003038
Ion Ratio Lower Upper
122 100
107 115.1 93.7 140.5
121 59.0 48.2 72.2

Manual Integrations

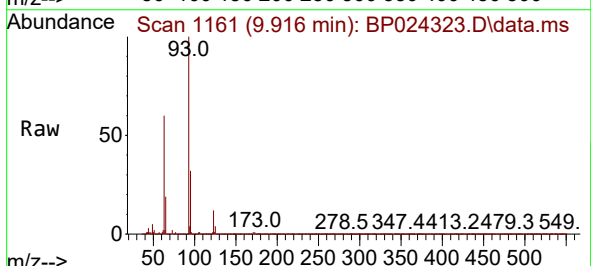
APPROVED

Reviewed By :Rahul Chavli 04/18/2025

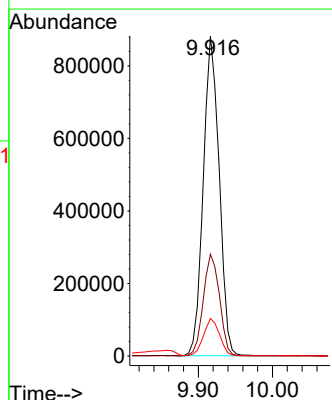
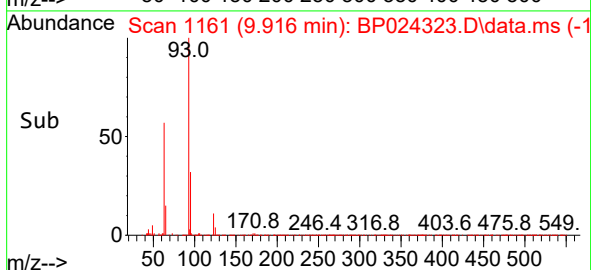
Supervised By :Jagrut Upadhyay 04/18/2025

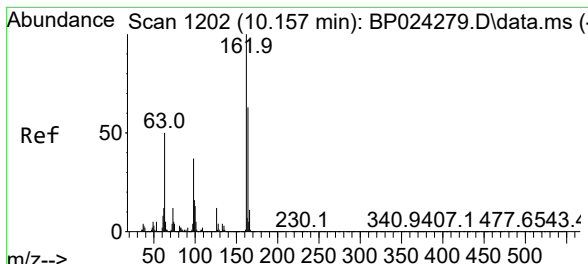


#28
bis(2-Chloroethoxy)methane
Concen: 46.660 ng
RT: 9.916 min Scan# 1161
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32



Tgt Ion: 93 Resp: 1315176
Ion Ratio Lower Upper
93 100
95 31.8 26.0 39.0
123 11.7 9.1 13.7



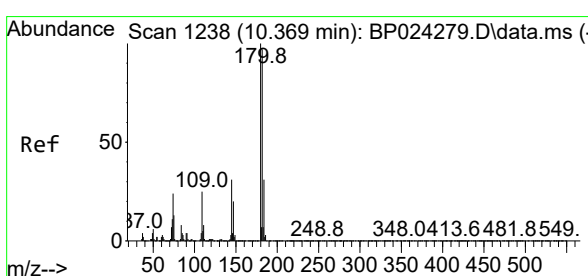
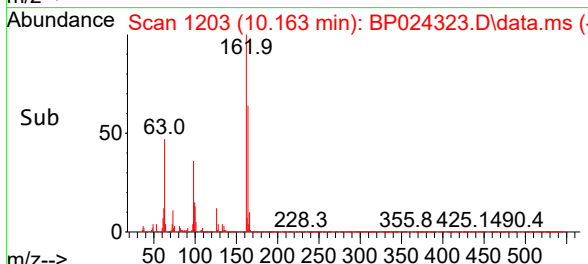
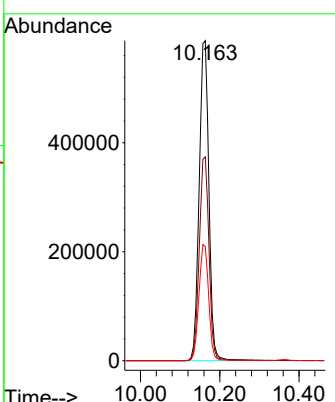
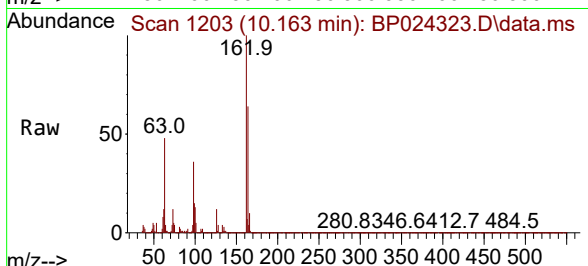


#29
 2,4-Dichlorophenol
 Concen: 52.267 ng
 RT: 10.163 min Scan# 1203
 Delta R.T. 0.026 min
 Lab File: BP024323.D
 Acq: 17 Apr 2025 12:32

Instrument : BNA_P
 ClientSampleId : PB167564BSD

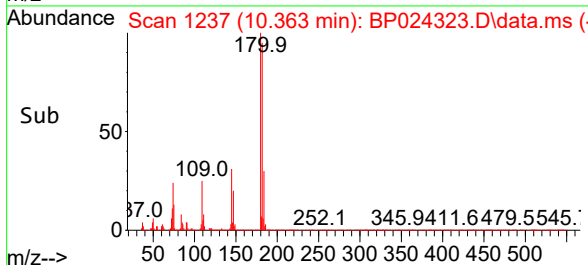
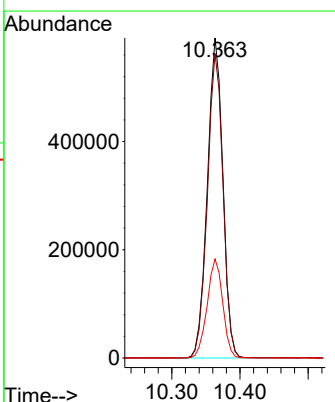
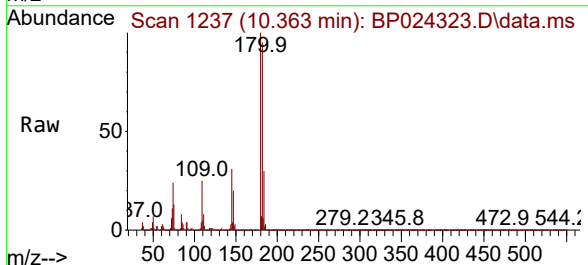
Tgt Ion:	162	Resp:	99858
Ion Ratio	Lower	Upper	
162	100		
164	63.7	43.3	83.3
98	35.7	16.6	56.6

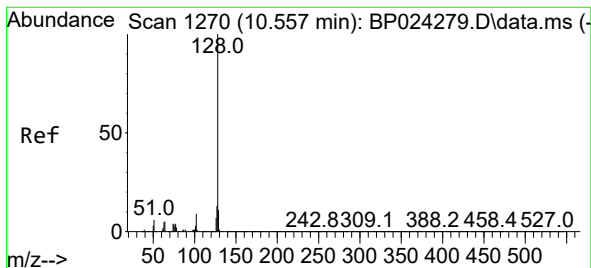
Manual Integrations
APPROVED
 Reviewed By :Rahul Chavli 04/18/2025
 Supervised By :Jagrut Upadhyay 04/18/2025



#30
 1,2,4-Trichlorobenzene
 Concen: 45.861 ng
 RT: 10.363 min Scan# 1237
 Delta R.T. 0.014 min
 Lab File: BP024323.D
 Acq: 17 Apr 2025 12:32

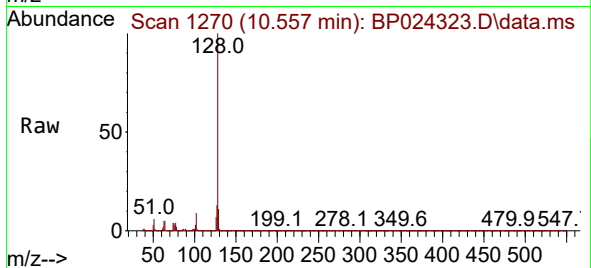
Tgt Ion:	180	Resp:	938774
Ion Ratio	Lower	Upper	
180	100		
182	95.2	77.3	115.9
145	30.9	25.1	37.7





#31
Naphthalene
Concen: 43.586 ng
RT: 10.557 min Scan# 1110
Delta R.T. 0.020 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

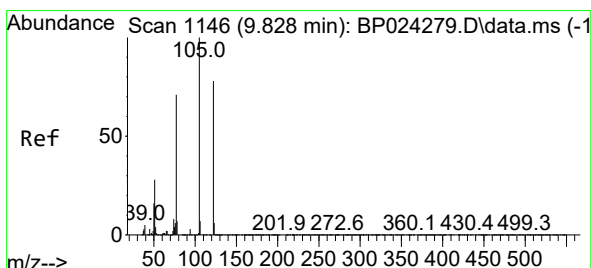
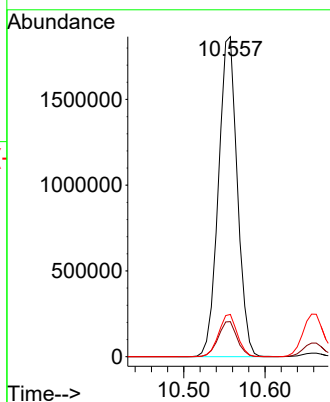
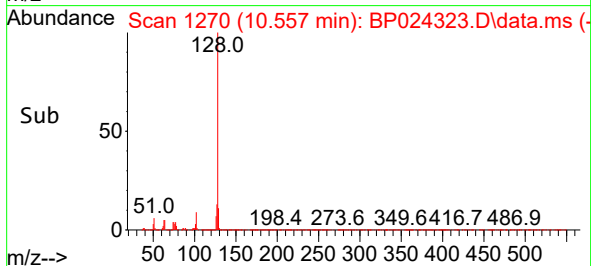
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



Tgt Ion:128 Resp: 3017810
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.3 15.5

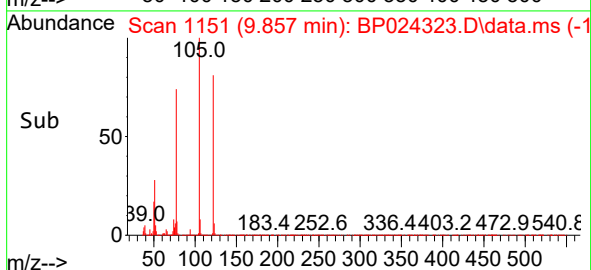
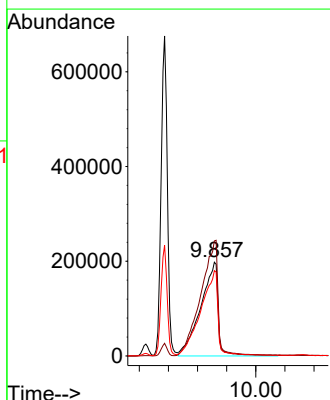
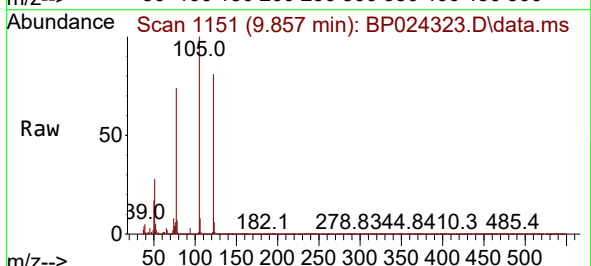
Manual Integrations
APPROVED

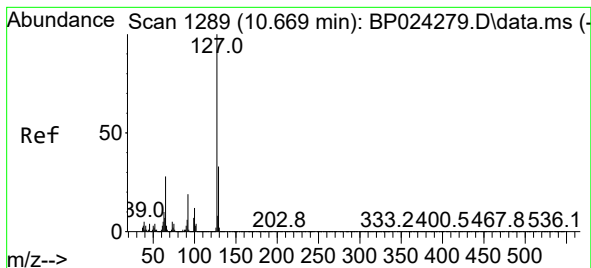
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#32
Benzoic acid
Concen: 51.148 ng m
RT: 9.857 min Scan# 1151
Delta R.T. 0.002 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

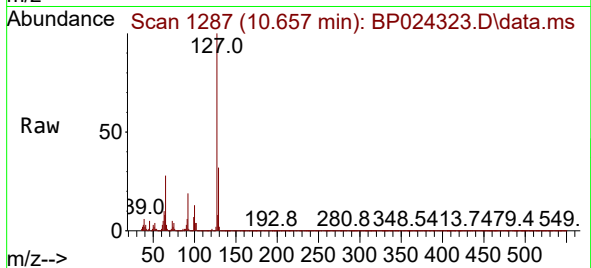
Tgt Ion:122 Resp: 835098
Ion Ratio Lower Upper
122 100
105 122.8 104.8 144.8
77 91.1 69.2 109.2





#33
4-Chloroaniline
Concen: 19.872 ng
RT: 10.657 min Scan# 1287
Delta R.T. 0.008 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

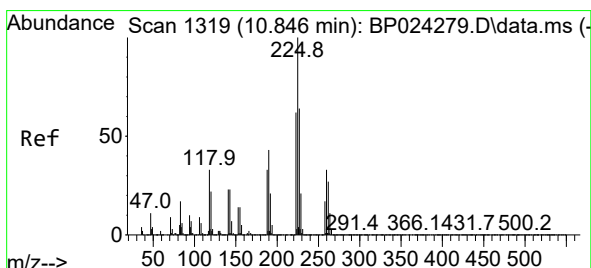
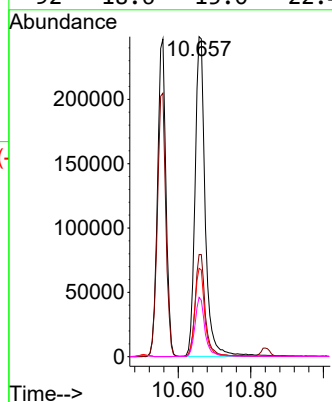
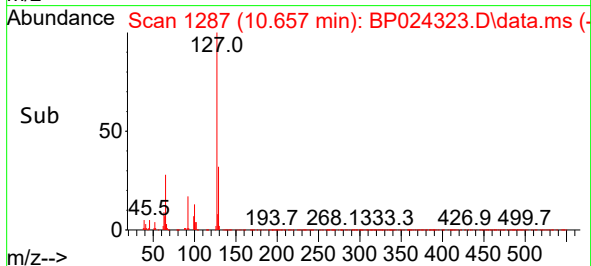
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



Tgt Ion:127 Resp: 484538
Ion Ratio Lower Upper
127 100
129 31.9 26.1 39.1
65 27.6 22.1 33.1
92 18.6 15.0 22.4

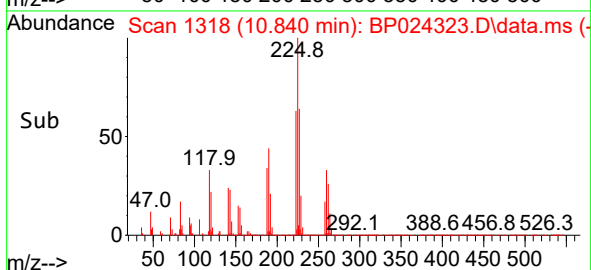
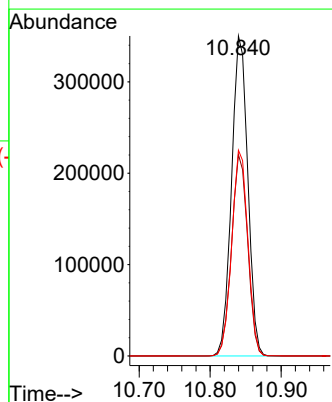
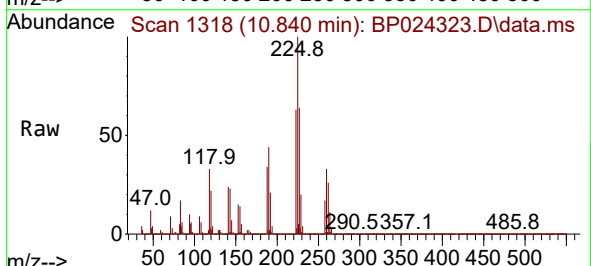
Manual Integrations
APPROVED

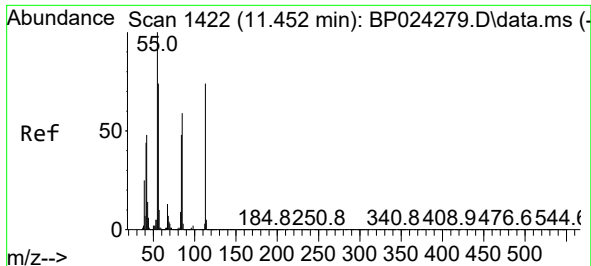
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#34
Hexachlorobutadiene
Concen: 46.175 ng
RT: 10.840 min Scan# 1318
Delta R.T. 0.020 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

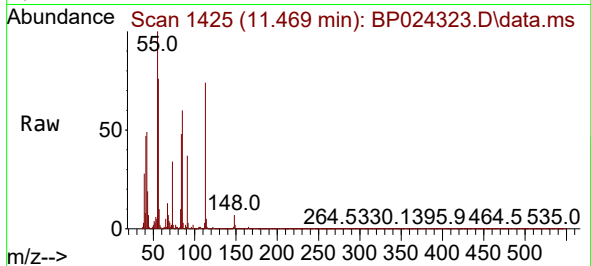
Tgt Ion:225 Resp: 555424
Ion Ratio Lower Upper
225 100
223 62.9 49.5 74.3
227 64.3 50.9 76.3





#35
Caprolactam
Concen: 53.348 ng m
RT: 11.469 min Scan# 1425
Delta R.T. 0.008 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

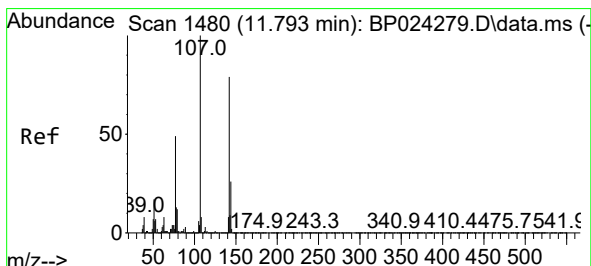
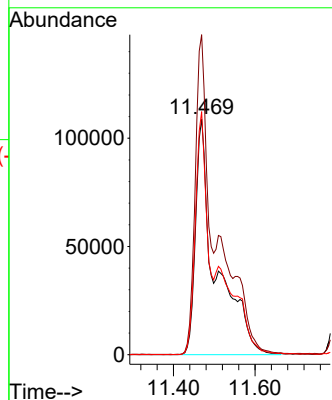
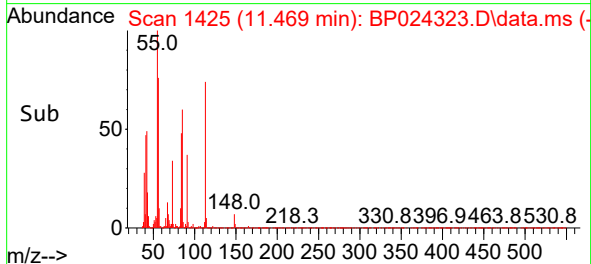
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



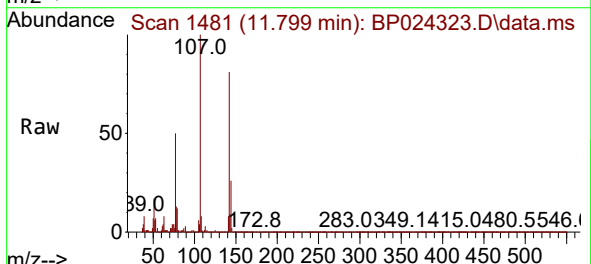
Tgt Ion:113 Resp: 376079
Ion Ratio Lower Upper
113 100
55 135.8 115.9 155.9
56 103.1 81.1 121.1

Manual Integrations
APPROVED

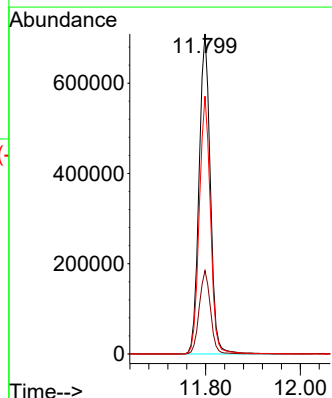
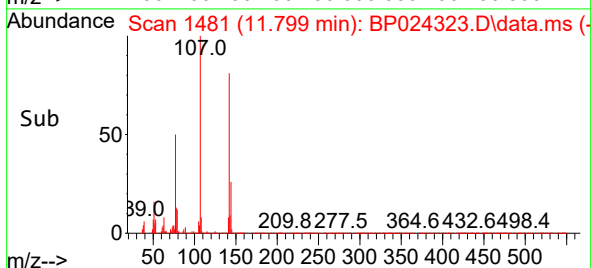
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

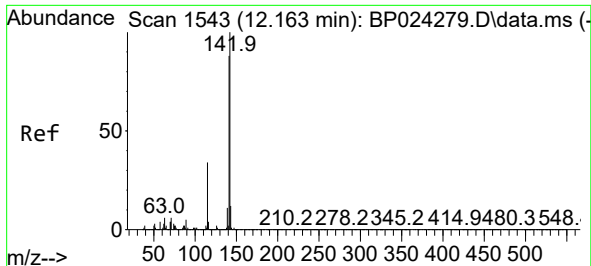


#36
4-Chloro-3-methylphenol
Concen: 52.620 ng
RT: 11.799 min Scan# 1481
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32



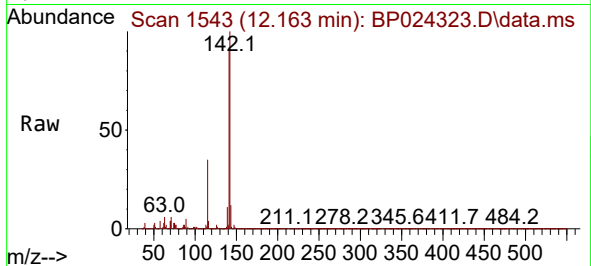
Tgt Ion:107 Resp: 1170976
Ion Ratio Lower Upper
107 100
144 26.0 20.5 30.7
142 80.6 63.4 95.2





#37
2-Methylnaphthalene
Concen: 41.063 ng
RT: 12.163 min Scan# 1543
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

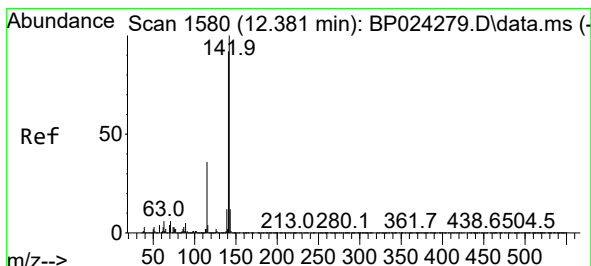
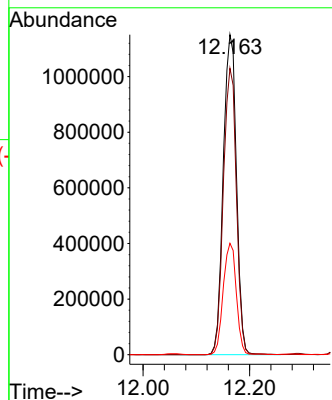
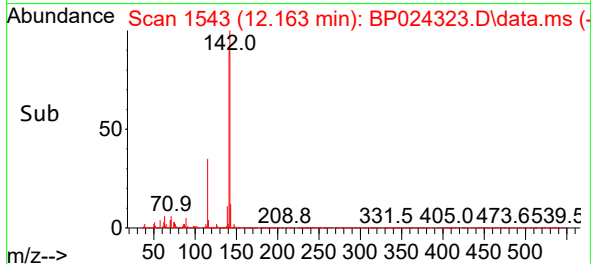
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



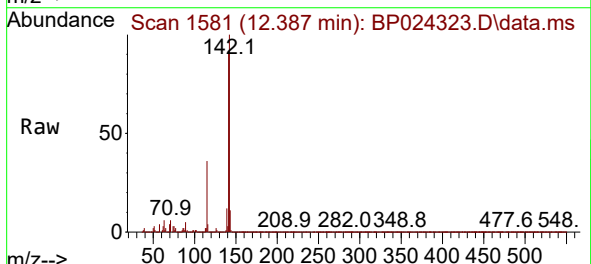
Tgt Ion:142 Resp: 1971740
Ion Ratio Lower Upper
142 100
141 89.5 70.3 105.5
115 34.8 26.9 40.3

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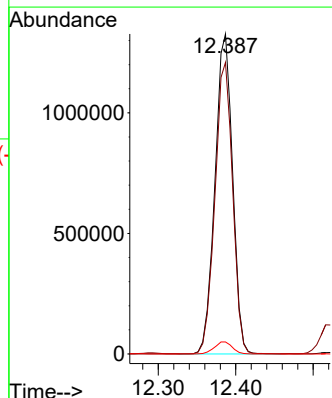
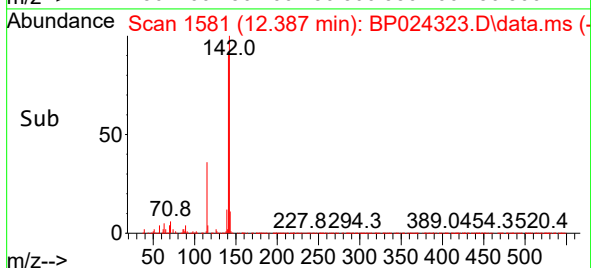
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

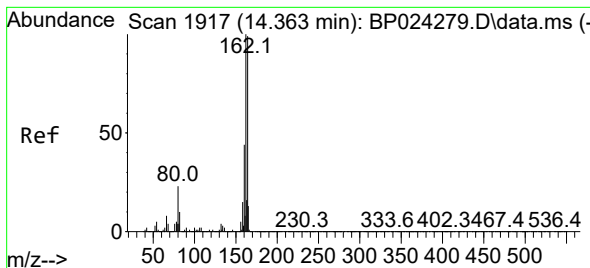


#38
1-Methylnaphthalene
Concen: 44.606 ng
RT: 12.387 min Scan# 1581
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32



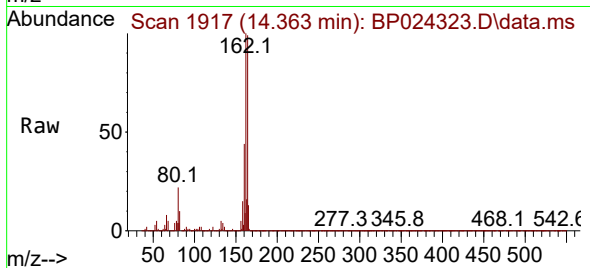
Tgt Ion:142 Resp: 2095327
Ion Ratio Lower Upper
142 100
141 91.1 73.6 110.4
116 3.8 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

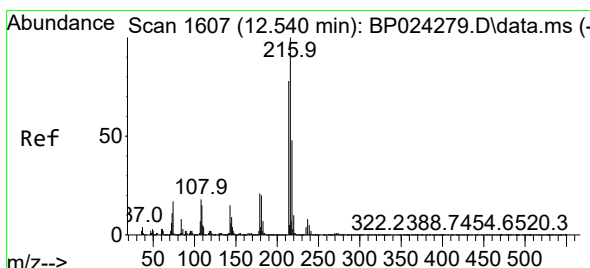
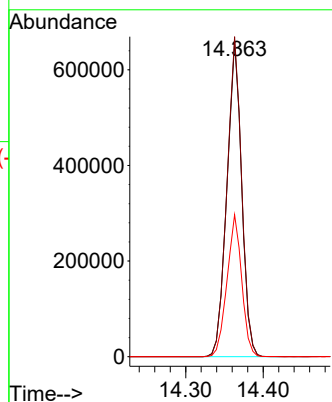
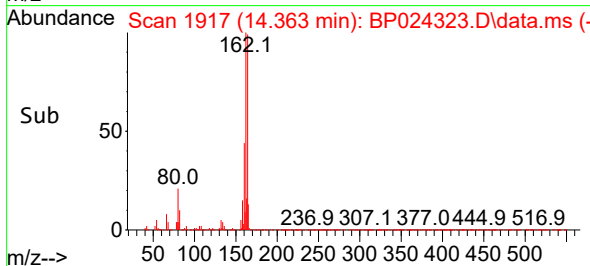
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



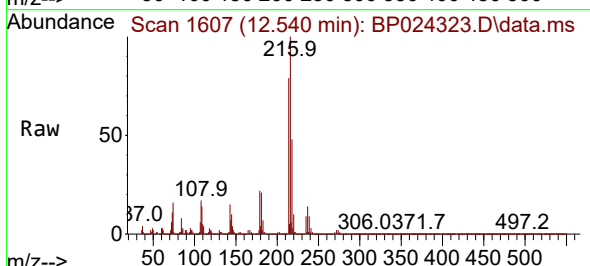
Tgt Ion:164 Resp: 875504
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 45.0 35.3 52.9

Manual Integrations
APPROVED

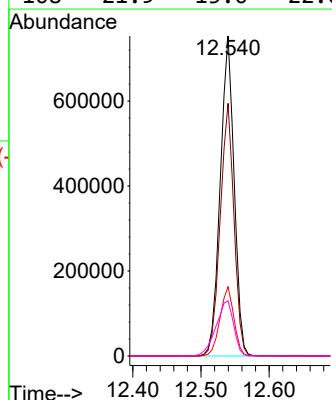
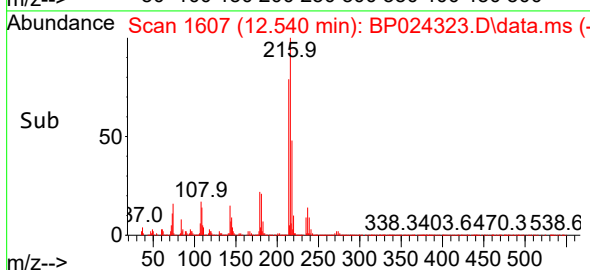
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

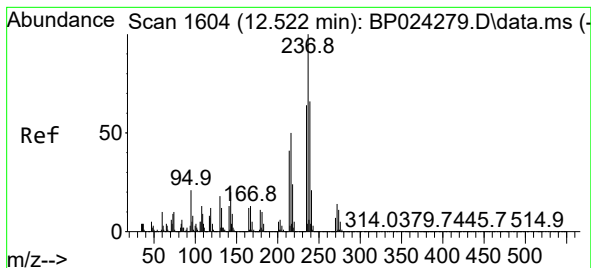


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.301 ng
RT: 12.540 min Scan# 1607
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32



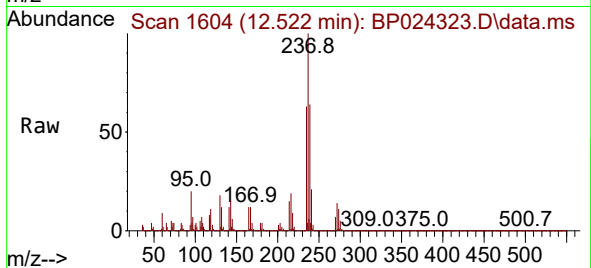
Tgt Ion:216 Resp: 1066625
Ion Ratio Lower Upper
216 100
214 78.5 62.6 93.8
179 21.6 17.2 25.8
108 21.9 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 171.955 ng
RT: 12.522 min Scan# 10
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

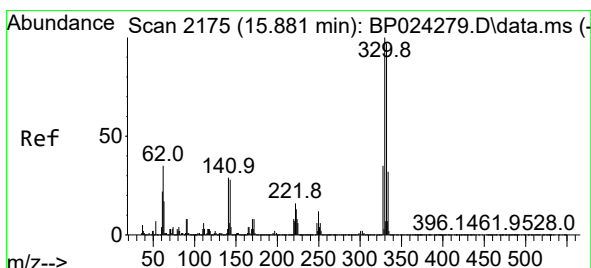
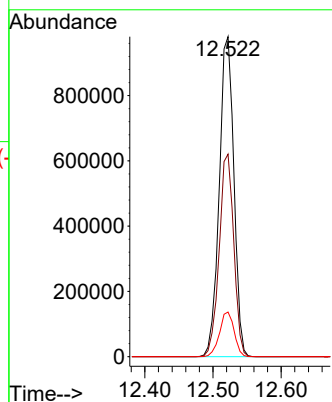
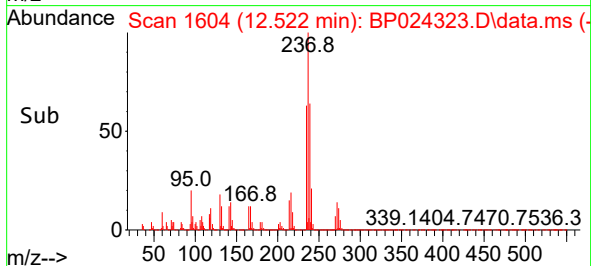
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



Tgt Ion:237 Resp: 146423
Ion Ratio Lower Upper
237 100
235 63.3 43.9 83.9
272 14.0 0.0 33.6

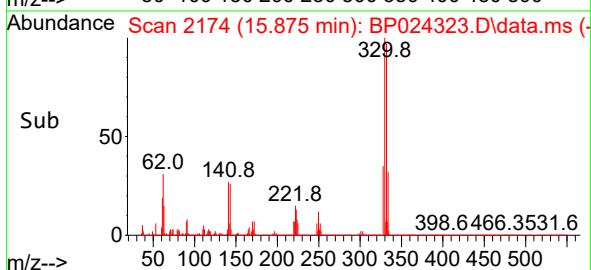
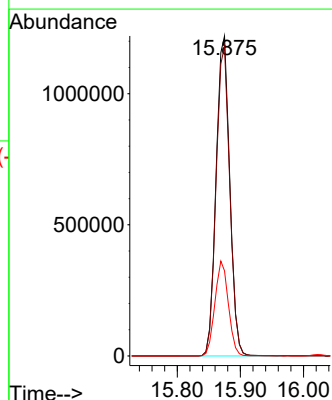
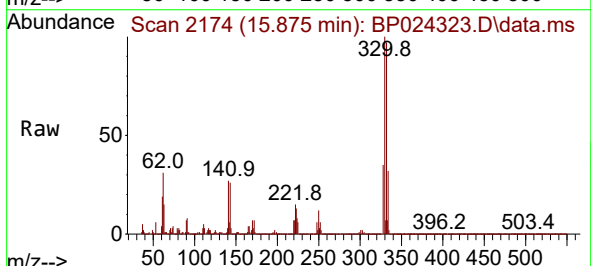
Manual Integrations
APPROVED

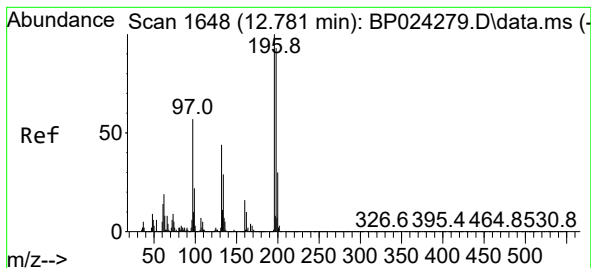
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#42
2,4,6-Tribromophenol
Concen: 151.179 ng
RT: 15.875 min Scan# 2174
Delta R.T. 0.002 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion:330 Resp: 1831246
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 29.3 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 50.486 ng

RT: 12.787 min Scan# 1648

Delta R.T. 0.020 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD

Tgt Ion:196 Resp: 80815

Ion Ratio Lower Upper

196 100

198 96.1 74.3 111.5

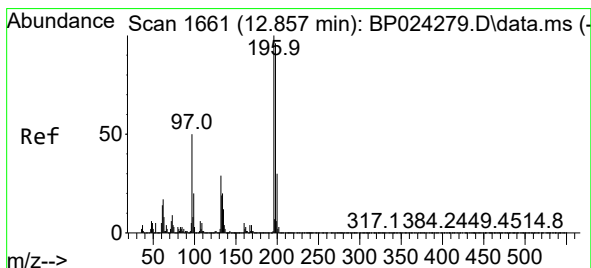
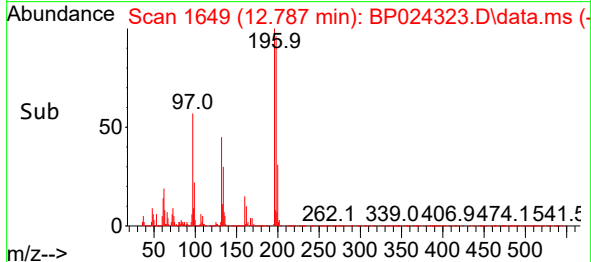
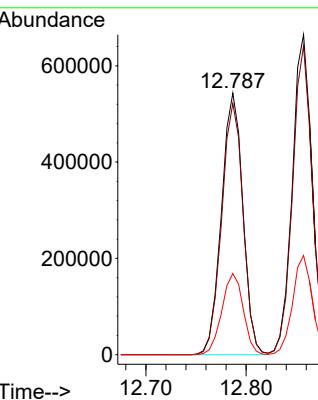
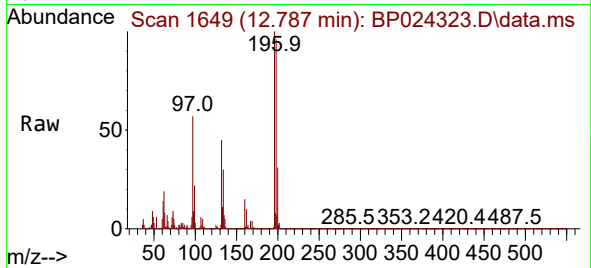
200 31.0 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/18/2025

Supervised By :Jagrut Upadhyay 04/18/2025



#44

2,4,5-Trichlorophenol

Concen: 51.508 ng

RT: 12.857 min Scan# 1661

Delta R.T. 0.008 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Tgt Ion:196 Resp: 913031

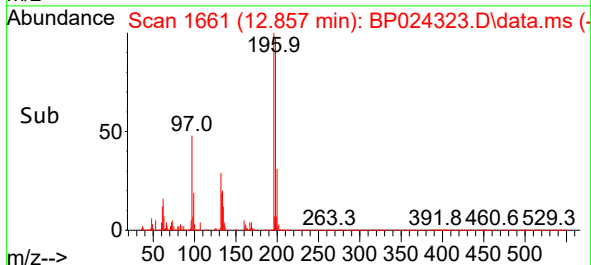
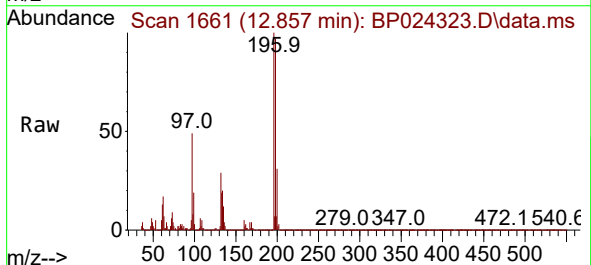
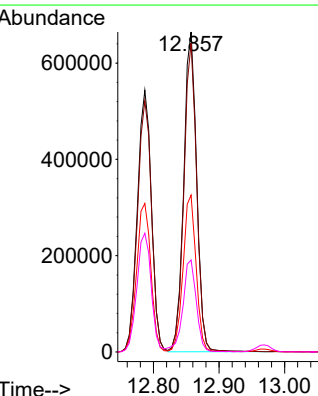
Ion Ratio Lower Upper

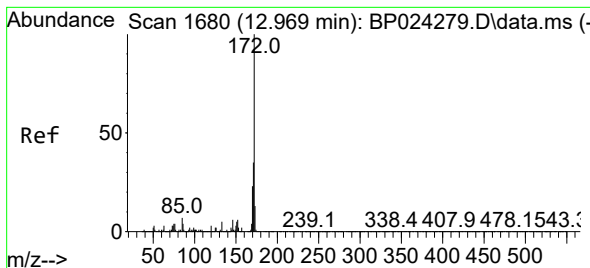
196 100

198 96.5 77.3 115.9

97 49.0 40.4 60.6

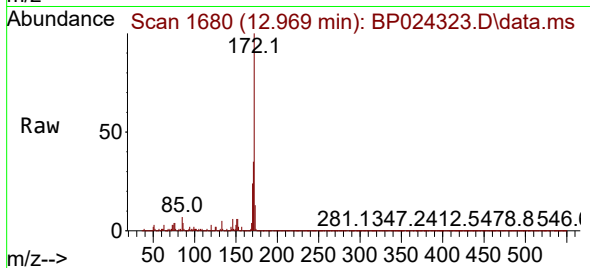
132 28.8 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 84.675 ng
RT: 12.969 min Scan# 1680
Delta R.T. 0.008 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

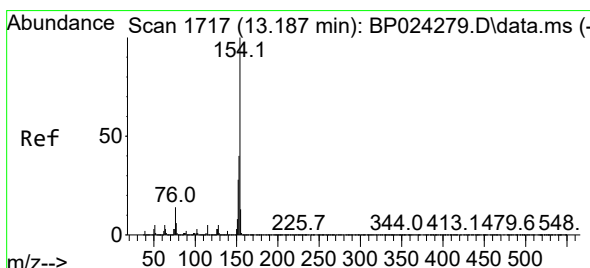
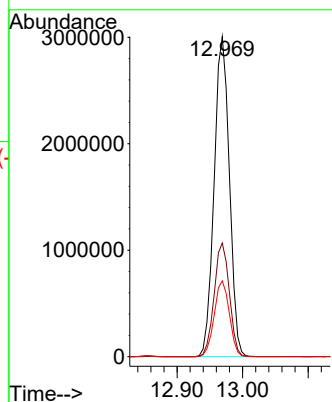
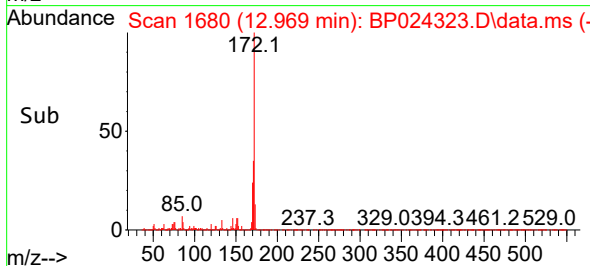
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



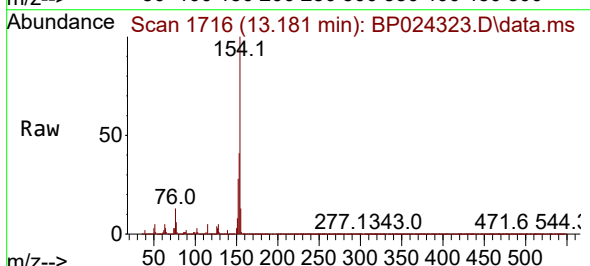
Tgt Ion:172 Resp: 4841790
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.7 18.6 27.8

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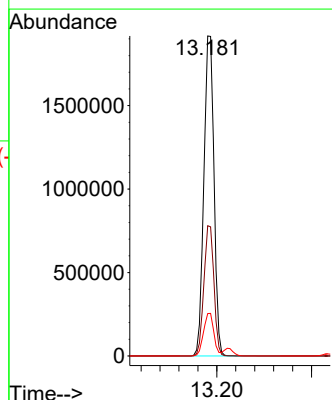
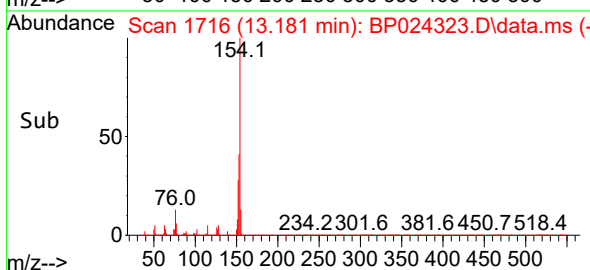
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

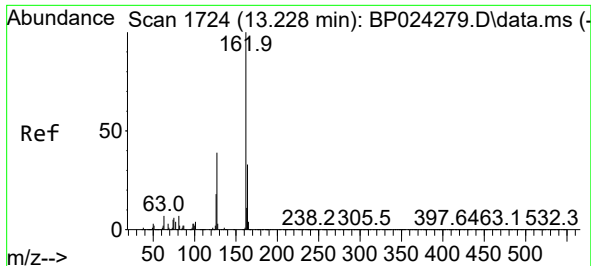


#46
1,1'-Biphenyl
Concen: 44.153 ng
RT: 13.181 min Scan# 1716
Delta R.T. 0.002 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32



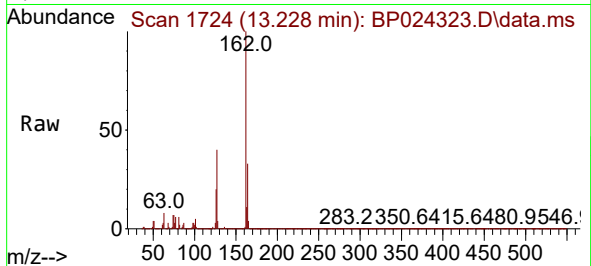
Tgt Ion:154 Resp: 2841421
Ion Ratio Lower Upper
154 100
153 40.7 20.3 60.3
76 13.3 0.0 33.5





#47
2-Chloronaphthalene
Concen: 44.988 ng
RT: 13.228 min Scan# 1724
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

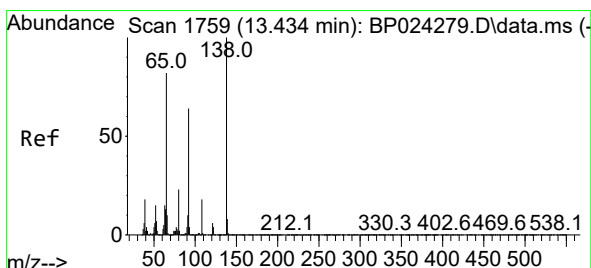
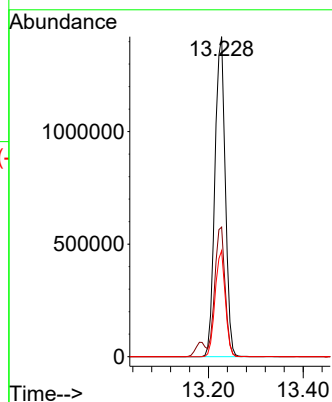
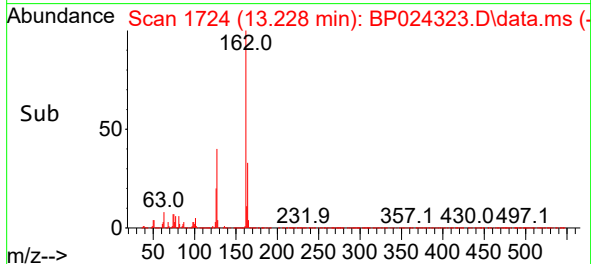
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



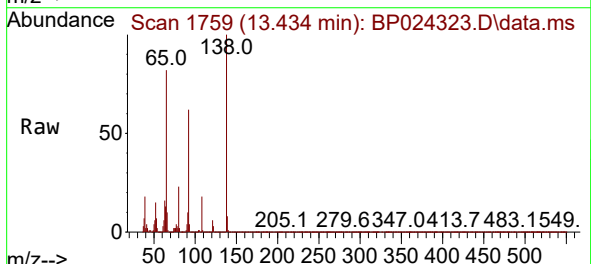
Tgt Ion:162 Resp: 2163828
Ion Ratio Lower Upper
162 100
127 40.5 31.9 47.9
164 33.1 26.2 39.4

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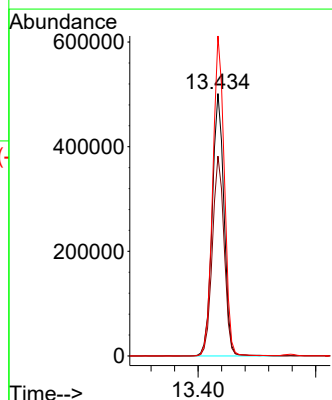
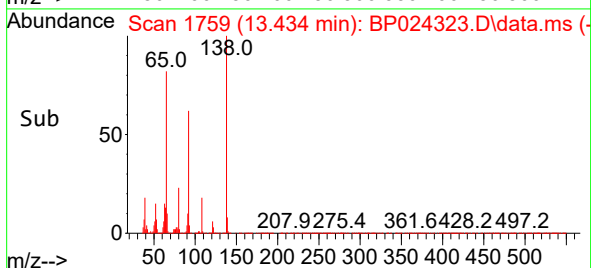
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

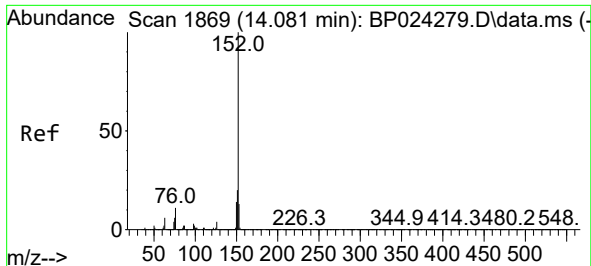


#48
2-Nitroaniline
Concen: 51.804 ng
RT: 13.434 min Scan# 1759
Delta R.T. 0.008 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32



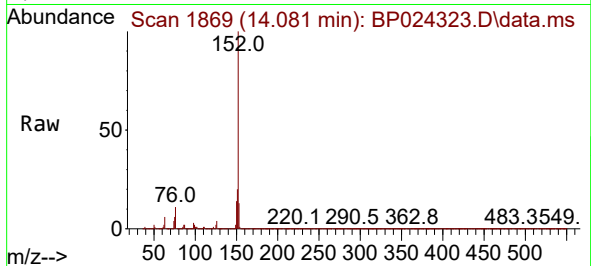
Tgt Ion: 65 Resp: 698909
Ion Ratio Lower Upper
65 100
92 76.2 62.3 93.5
138 122.0 97.2 145.8





#49
Acenaphthylene
Concen: 49.379 ng
RT: 14.081 min Scan# 1869
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

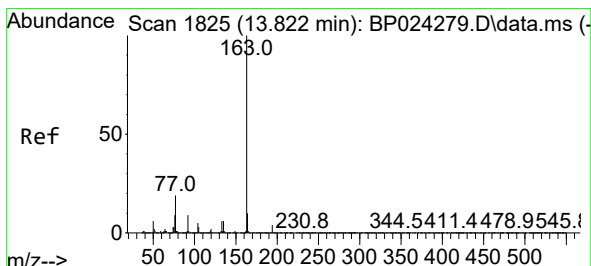
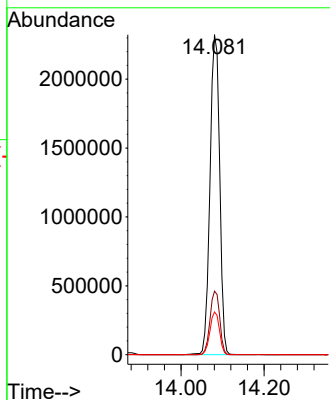
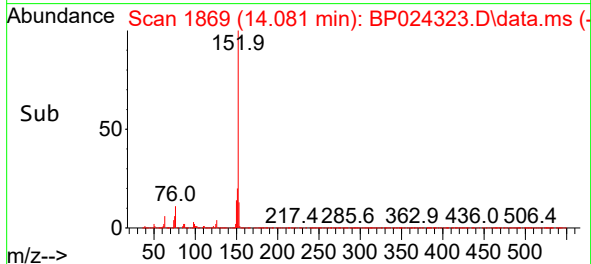
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



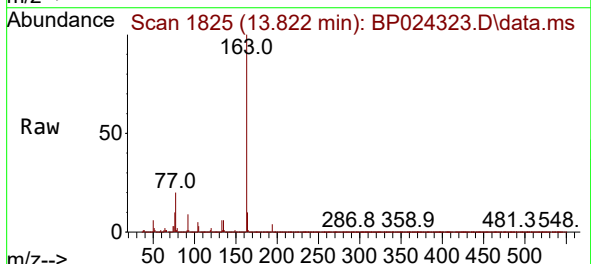
Tgt Ion:152 Resp: 373926
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.4 10.6 15.8

Manual Integrations
APPROVED

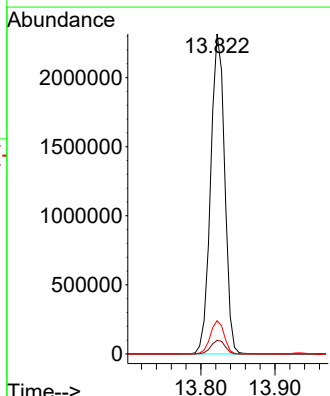
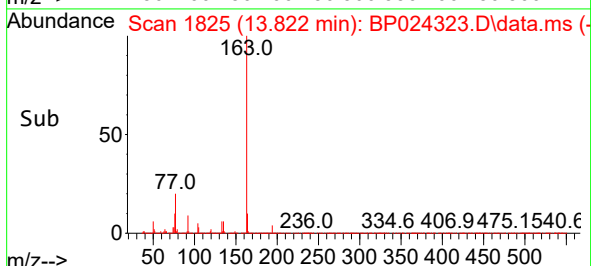
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

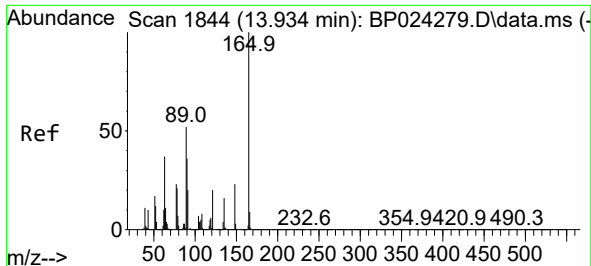


#50
Dimethylphthalate
Concen: 47.782 ng
RT: 13.822 min Scan# 1825
Delta R.T. 0.008 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32



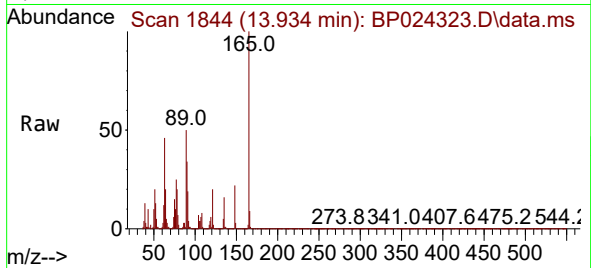
Tgt Ion:163 Resp: 3042218
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.4 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 50.813 ng
RT: 13.934 min Scan# 1844
Delta R.T. 0.008 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

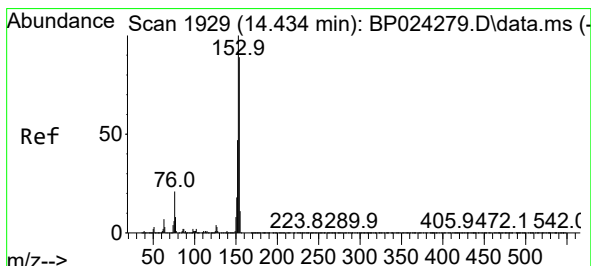
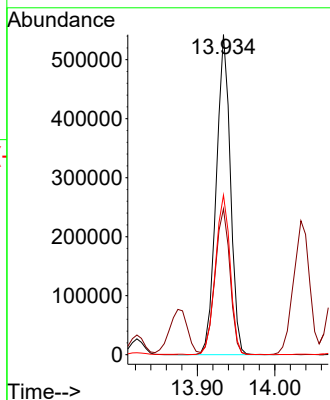
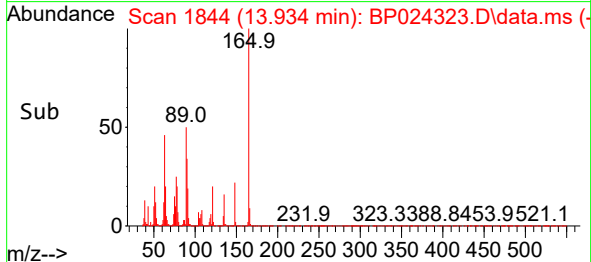
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



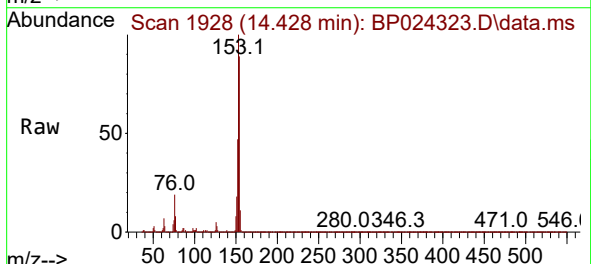
Tgt Ion:165 Resp: 68698
Ion Ratio Lower Upper
165 100
63 45.5 38.0 57.0
89 49.8 41.7 62.5

Manual Integrations
APPROVED

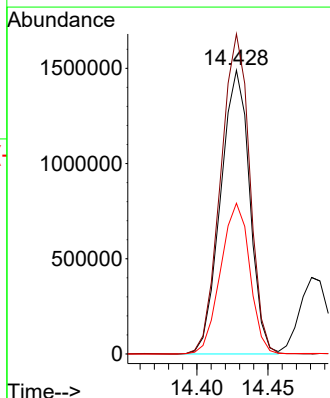
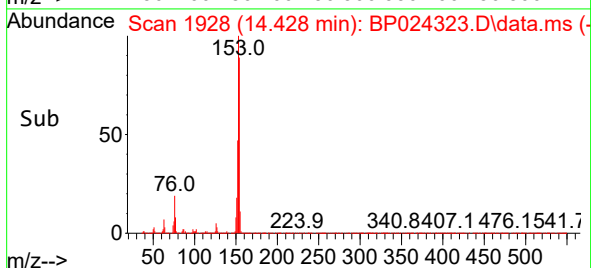
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

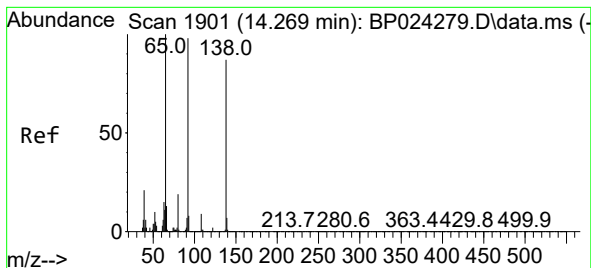


#52
Acenaphthene
Concen: 44.191 ng
RT: 14.428 min Scan# 1928
Delta R.T. 0.008 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32



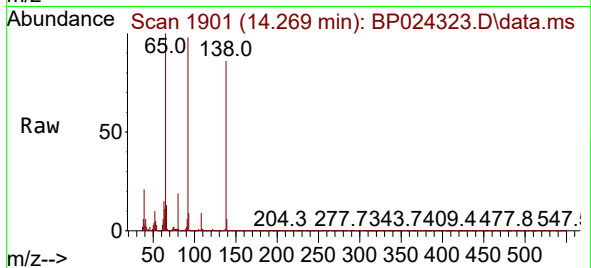
Tgt Ion:154 Resp: 2121498
Ion Ratio Lower Upper
154 100
153 112.8 89.8 134.6
152 53.1 42.6 63.8





#53
3-Nitroaniline
Concen: 30.560 ng
RT: 14.269 min Scan# 1901
Delta R.T. 0.008 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

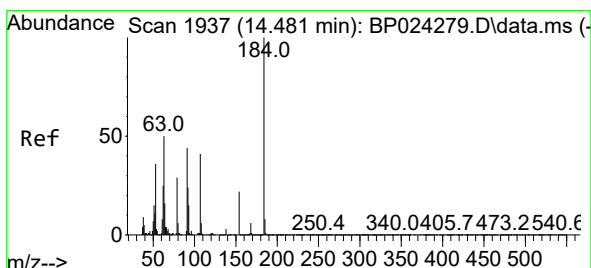
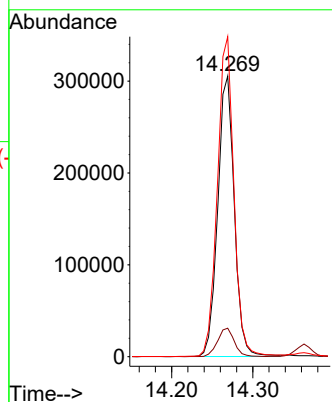
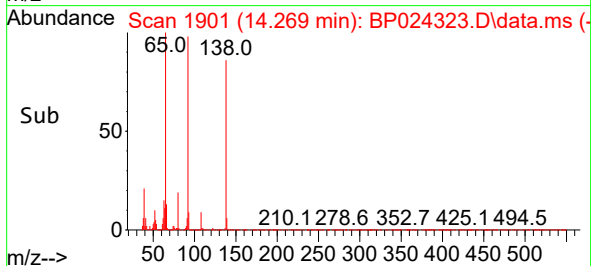
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



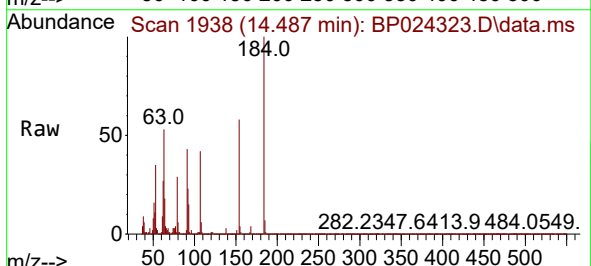
Tgt Ion:138 Resp: 434239
Ion Ratio Lower Upper
138 100
108 10.1 8.3 12.5
92 114.0 89.8 134.8

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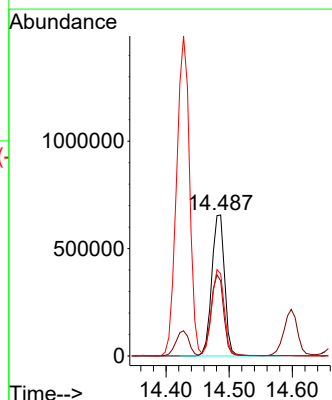
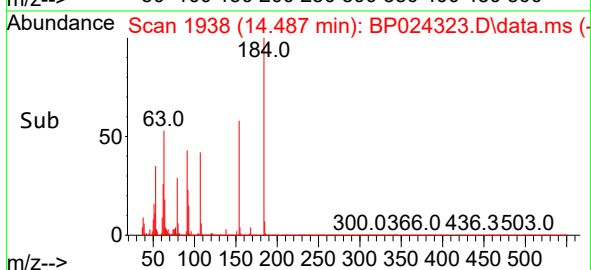
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

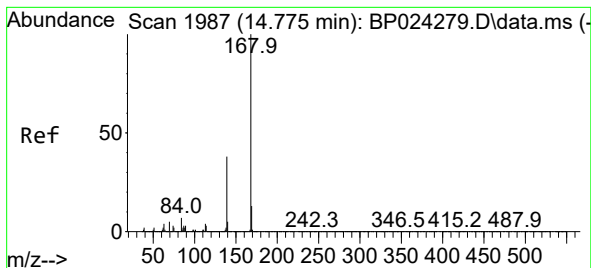


#54
2,4-Dinitrophenol
Concen: 116.879 ng
RT: 14.487 min Scan# 1938
Delta R.T. 0.015 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32



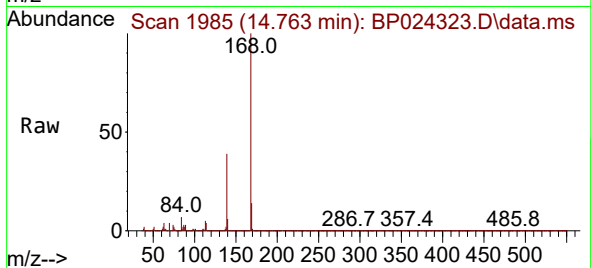
Tgt Ion:184 Resp: 930798
Ion Ratio Lower Upper
184 100
63 53.2 42.6 64.0
154 58.4 47.2 70.8





#55
Dibenzenofuran
Concen: 43.612 ng
RT: 14.763 min Scan# 1985
Delta R.T. 0.002 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

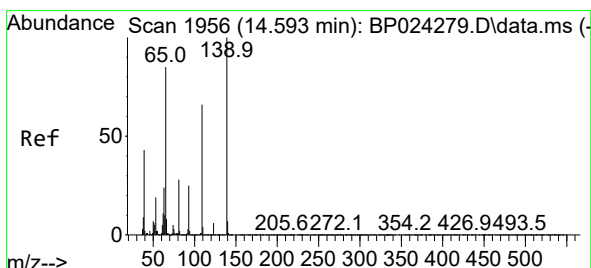
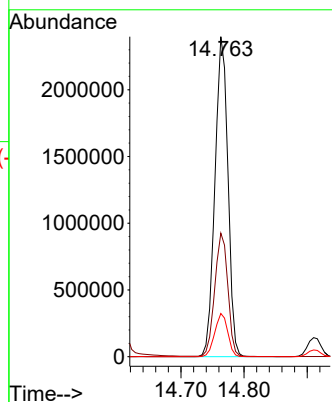
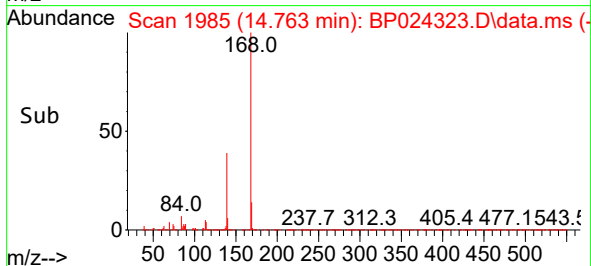
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



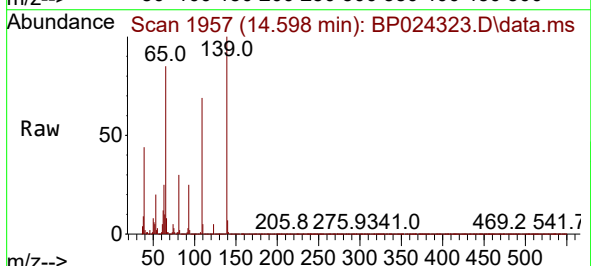
Tgt Ion:168 Resp: 3422328
Ion Ratio Lower Upper
168 100
139 38.6 30.3 45.5
169 13.5 10.6 16.0

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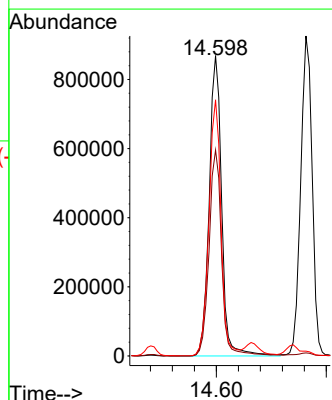
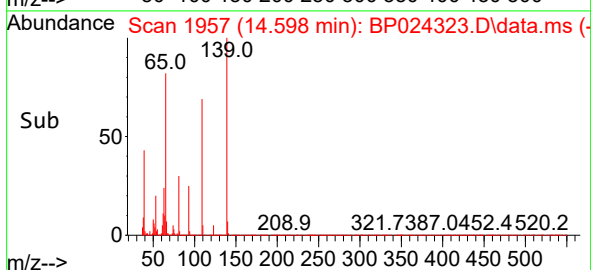
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

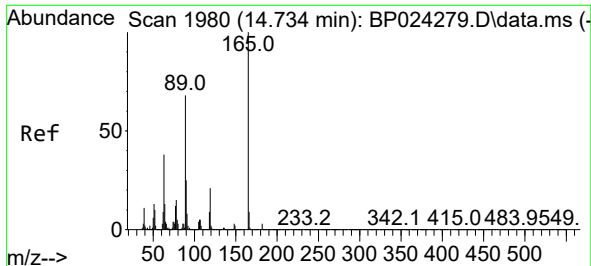


#56
4-Nitrophenol
Concen: 111.403 ng
RT: 14.598 min Scan# 1957
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32



Tgt Ion:139 Resp: 1367153
Ion Ratio Lower Upper
139 100
109 68.6 46.1 86.1
65 85.3 65.0 105.0





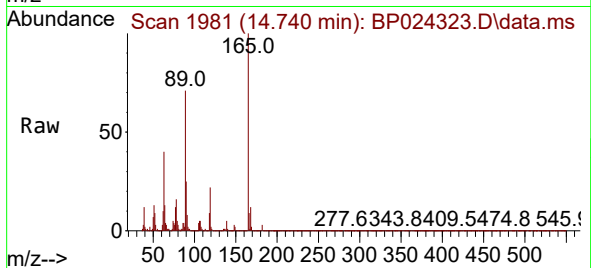
#57
2,4-Dinitrotoluene
Concen: 53.445 ng
RT: 14.740 min Scan# 1980
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD



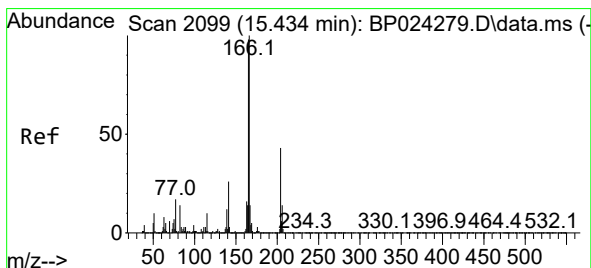
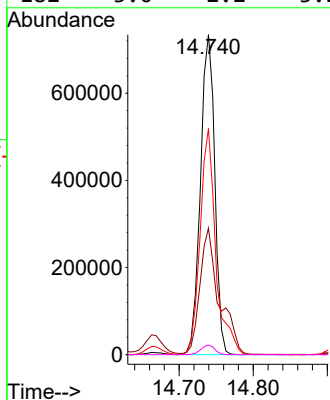
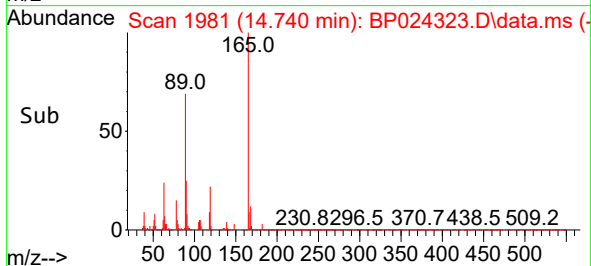
Tgt Ion:165 Resp: 985672
Ion Ratio Lower Upper
165 100
63 39.5 30.4 45.6
89 70.7 54.6 82.0
182 3.0 2.2 3.2

Manual Integrations

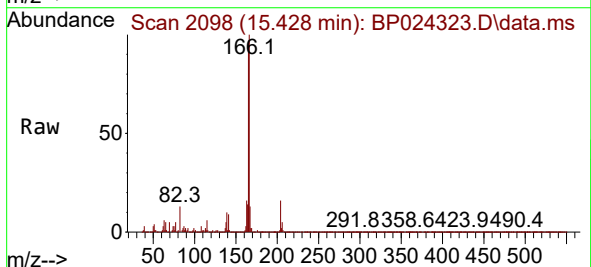
APPROVED

Reviewed By :Rahul Chavli 04/18/2025

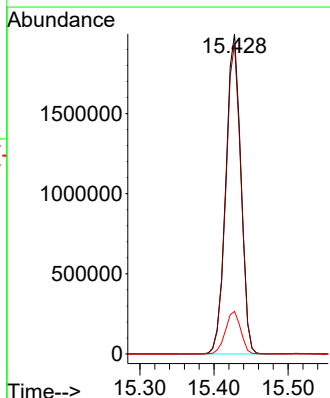
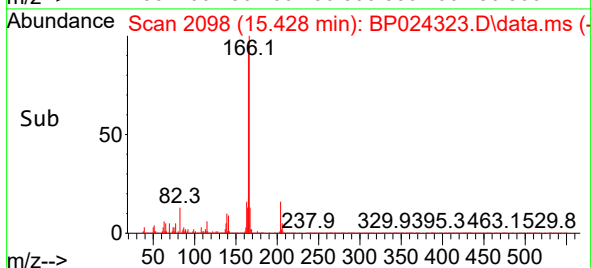
Supervised By :Jagrut Upadhyay 04/18/2025

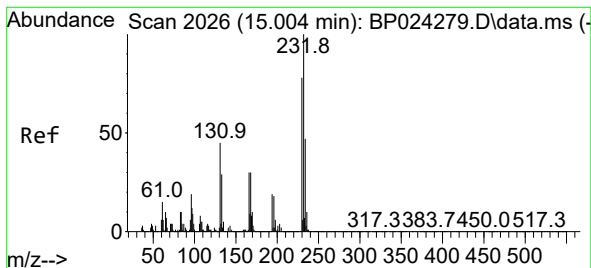


#58
Fluorene
Concen: 46.341 ng
RT: 15.428 min Scan# 2098
Delta R.T. 0.008 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32



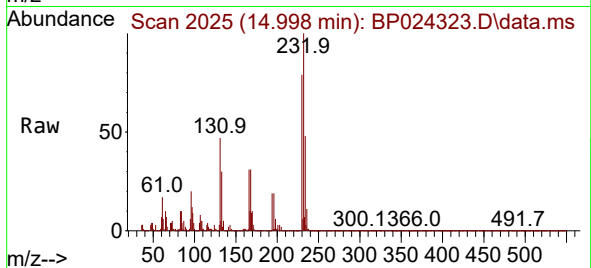
Tgt Ion:166 Resp: 2815136
Ion Ratio Lower Upper
166 100
165 97.1 78.1 117.1
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.120 ng
RT: 14.998 min Scan# 2025
Delta R.T. 0.014 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

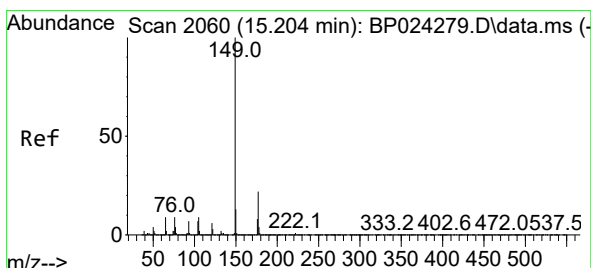
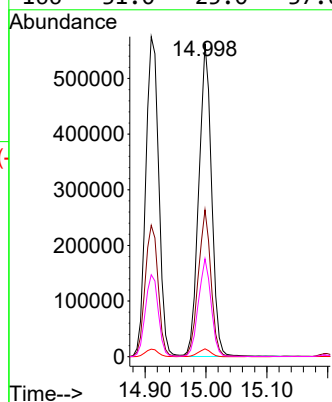
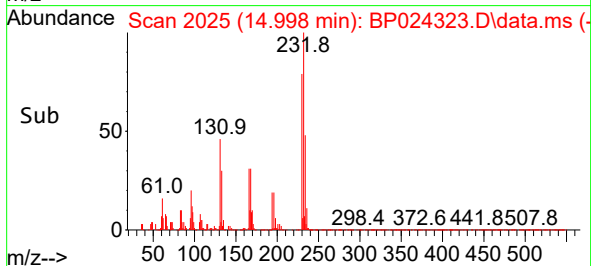
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



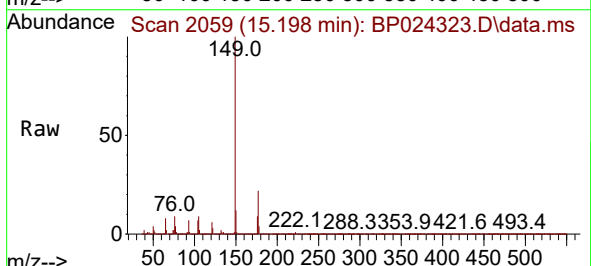
Tgt Ion:232 Resp: 819400
Ion Ratio Lower Upper
232 100
131 46.4 36.8 55.2
130 2.5 1.9 2.9
166 31.0 25.0 37.6

Manual Integrations
APPROVED

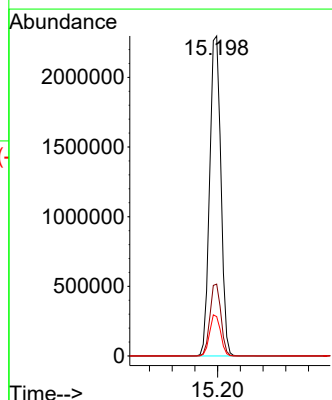
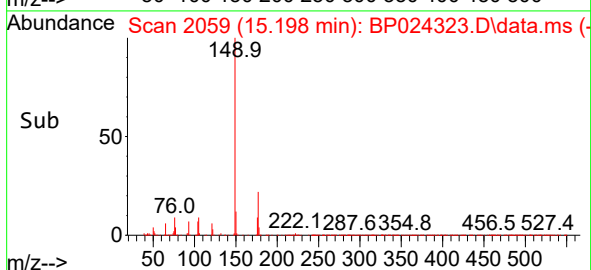
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

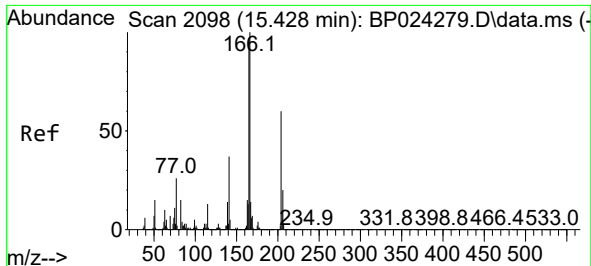


#60
Diethylphthalate
Concen: 47.571 ng
RT: 15.198 min Scan# 2059
Delta R.T. -0.003 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32



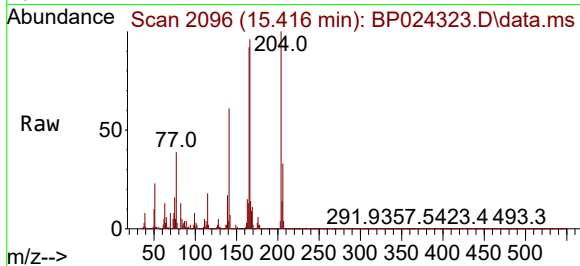
Tgt Ion:149 Resp: 3121191
Ion Ratio Lower Upper
149 100
177 22.5 17.4 26.2
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.802 ng
RT: 15.416 min Scan# 2096
Delta R.T. -0.003 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

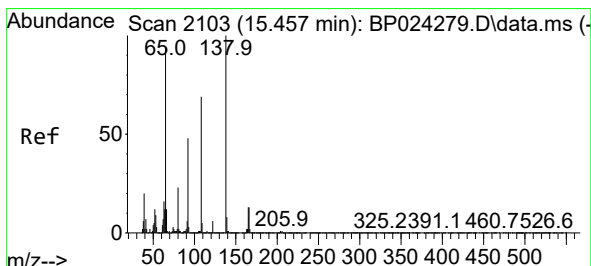
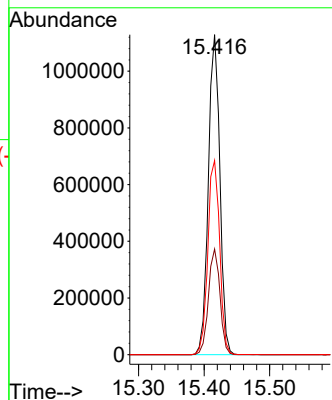
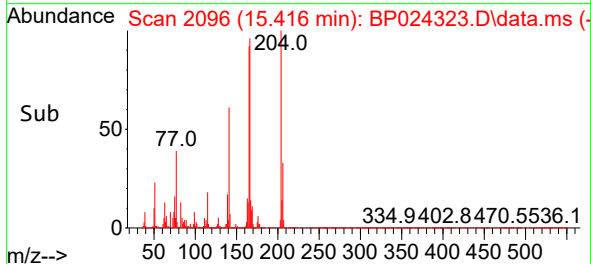
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



Tgt Ion:204 Resp: 138063
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 60.6 49.4 74.0

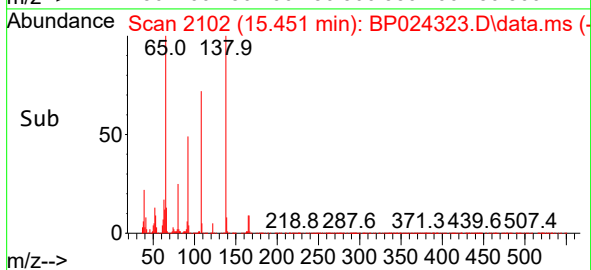
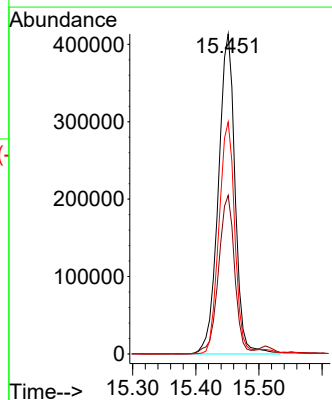
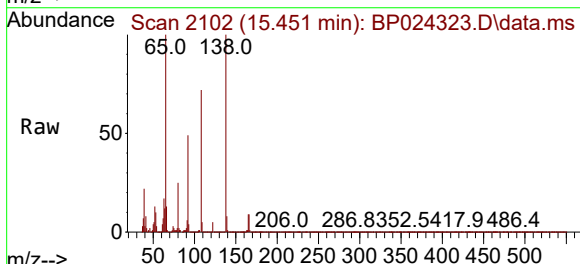
Manual Integrations
APPROVED

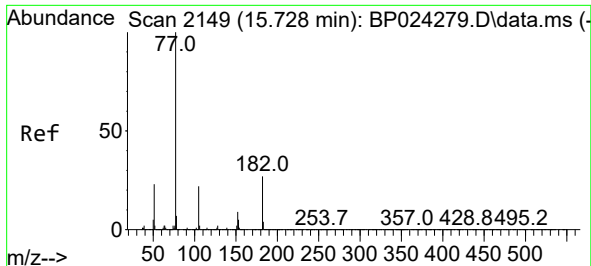
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#62
4-Nitroaniline
Concen: 50.367 ng
RT: 15.451 min Scan# 2102
Delta R.T. 0.002 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

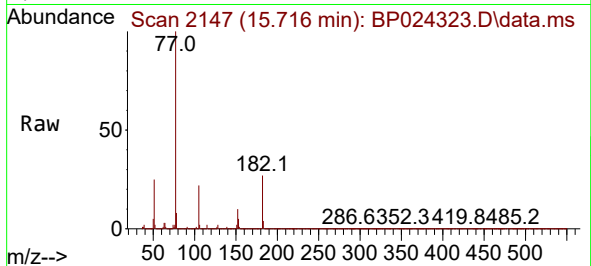
Tgt Ion:138 Resp: 757647
Ion Ratio Lower Upper
138 100
92 49.6 27.8 67.8
108 72.5 48.9 88.9





#63
Azobenzene
Concen: 46.085 ng
RT: 15.716 min Scan# 2147
Delta R.T. -0.003 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

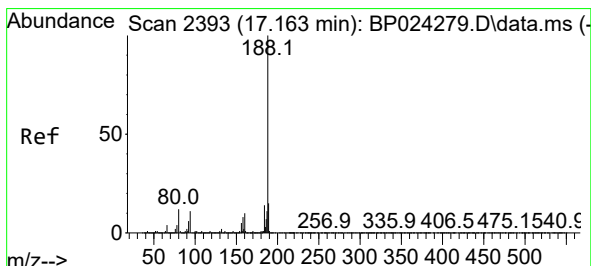
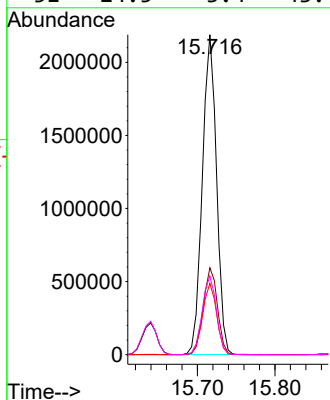
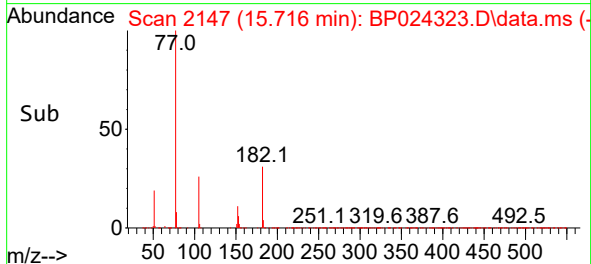
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



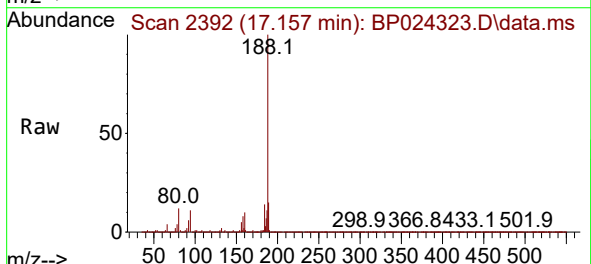
Tgt Ion: 77 Resp: 2779150
Ion Ratio Lower Upper
77 100
182 27.1 7.3 47.3
105 22.3 2.3 42.3
51 24.5 3.4 43.4

Manual Integrations
APPROVED

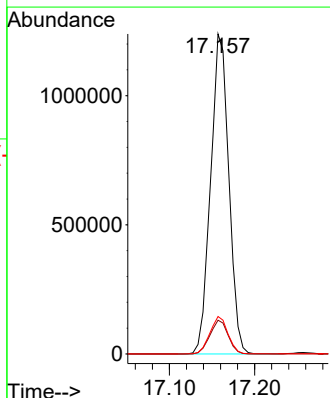
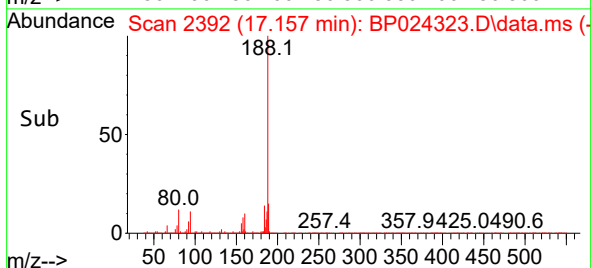
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

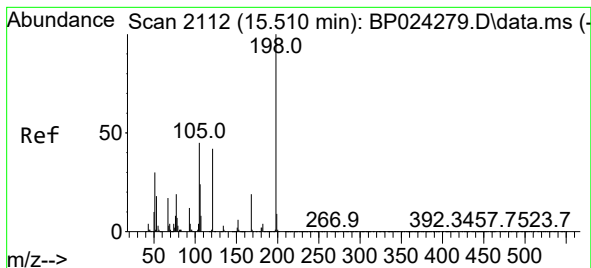


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2392
Delta R.T. -0.003 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32



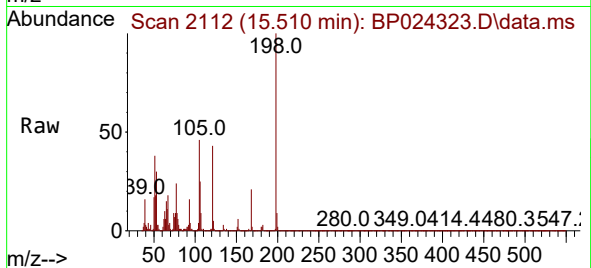
Tgt Ion:188 Resp: 1837449
Ion Ratio Lower Upper
188 100
94 10.6 8.6 13.0
80 11.7 9.8 14.6





#65
4,6-Dinitro-2-methylphenol
Concen: 51.003 ng
RT: 15.510 min Scan# 2112
Delta R.T. 0.002 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

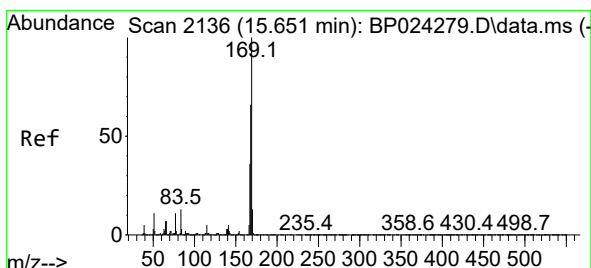
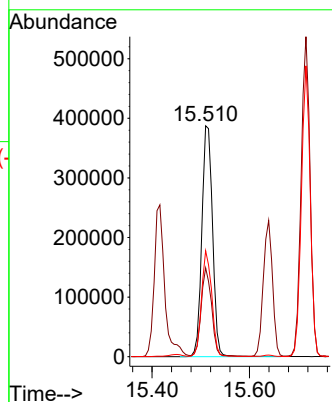
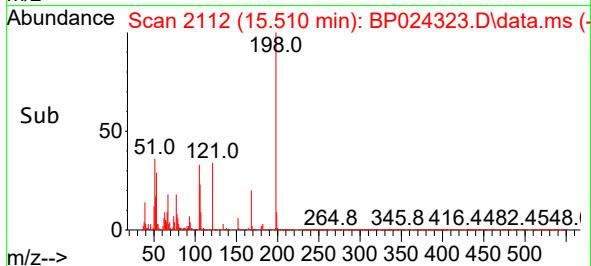
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



Tgt Ion:198 Resp: 590849
Ion Ratio Lower Upper
198 100
51 38.4 18.4 58.4
105 45.9 26.5 66.5

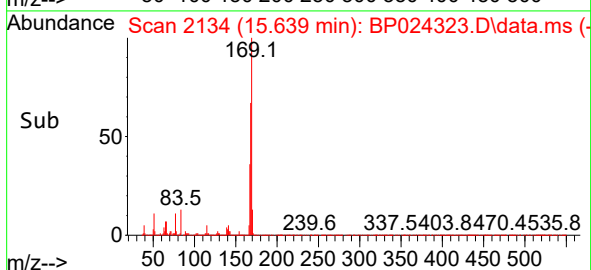
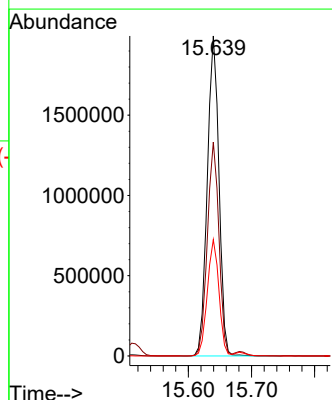
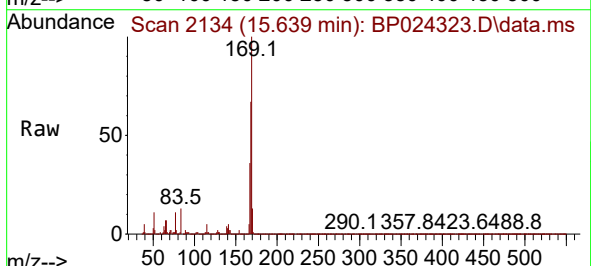
Manual Integrations
APPROVED

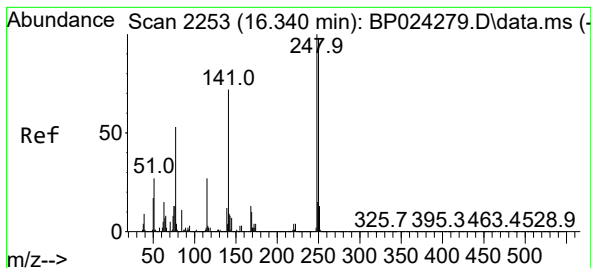
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#66
n-Nitrosodiphenylamine
Concen: 46.554 ng
RT: 15.639 min Scan# 2134
Delta R.T. 0.002 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

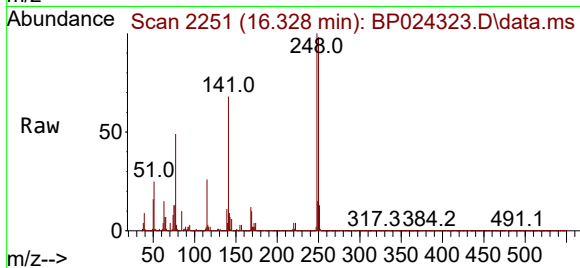
Tgt Ion:169 Resp: 2553196
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.4
167 36.3 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 47.539 ng
RT: 16.328 min Scan# 21
Delta R.T. 0.002 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

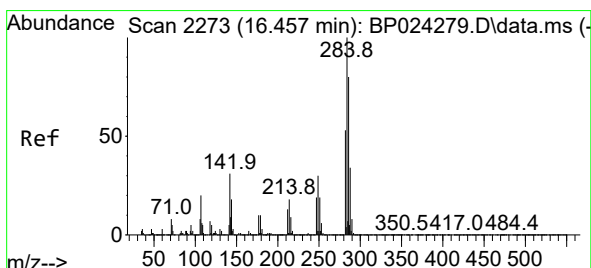
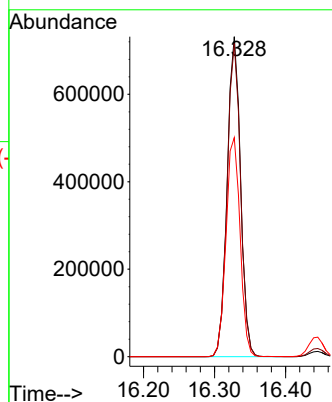
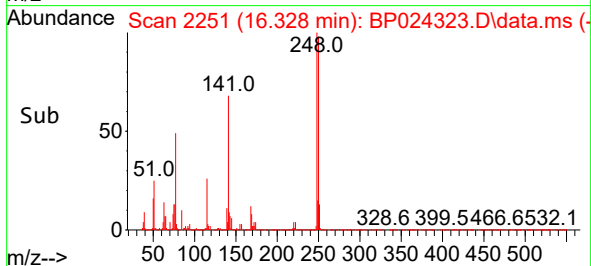
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



Tgt Ion:248 Resp: 955330
Ion Ratio Lower Upper
248 100
250 97.8 78.2 117.4
141 68.4 57.7 86.5

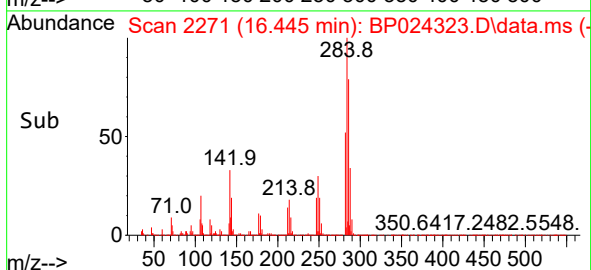
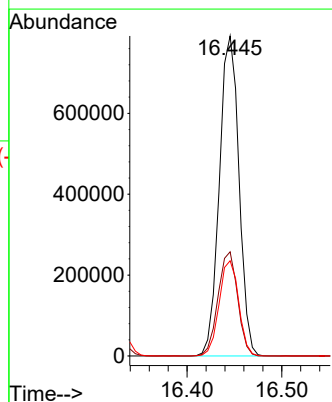
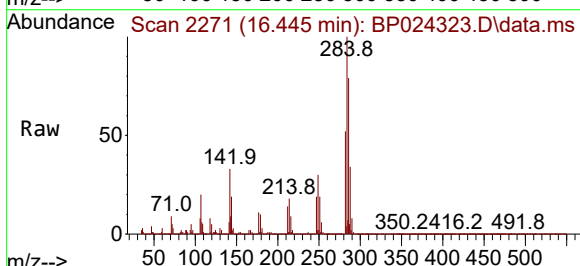
Manual Integrations
APPROVED

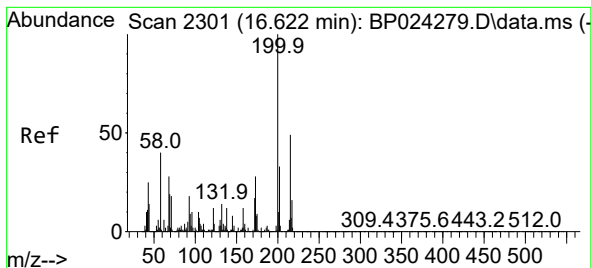
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#68
Hexachlorobenzene
Concen: 47.680 ng
RT: 16.445 min Scan# 2271
Delta R.T. -0.003 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion:284 Resp: 1138569
Ion Ratio Lower Upper
284 100
142 32.5 24.6 37.0
249 29.7 23.8 35.6





#69

Atrazine

Concen: 67.916 ng

RT: 16.622 min Scan# 21

Delta R.T. 0.020 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD

Tgt Ion:200 Resp: 94866

Ion Ratio Lower Upper

200 100

173 27.4 7.5 47.5

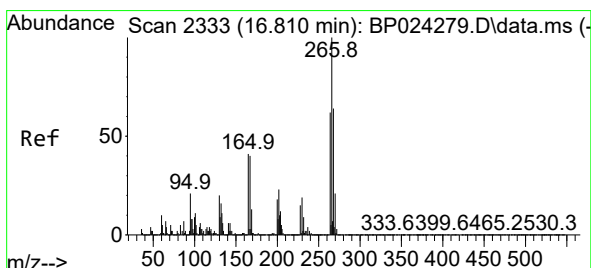
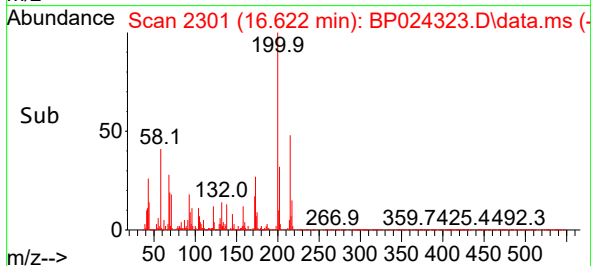
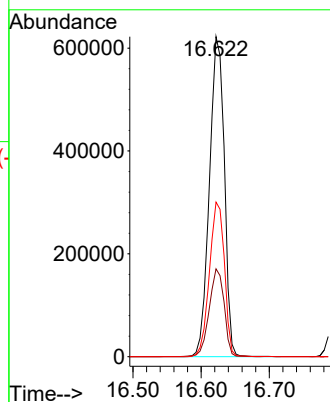
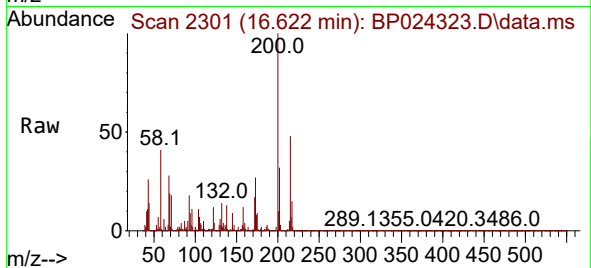
215 48.3 28.8 68.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/18/2025

Supervised By :Jagrut Upadhyay 04/18/2025



#70

Pentachlorophenol

Concen: 100.110 ng

RT: 16.804 min Scan# 2332

Delta R.T. -0.003 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

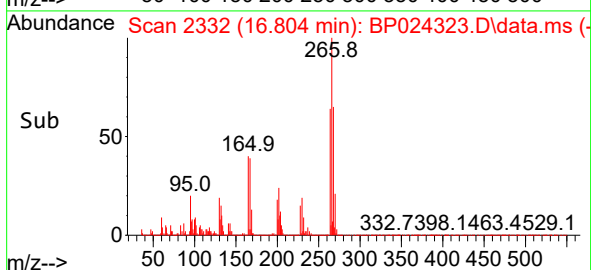
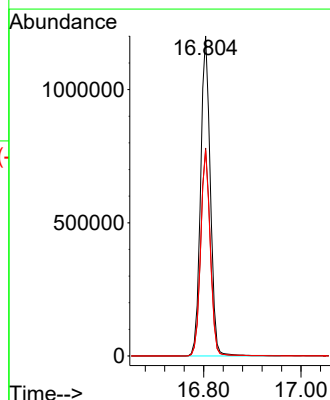
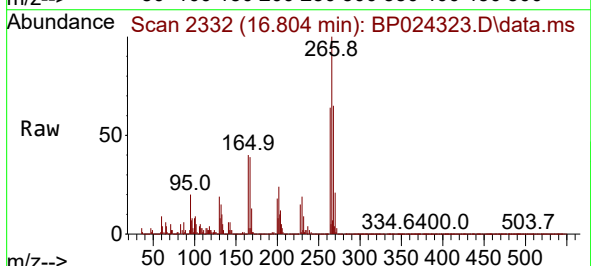
Tgt Ion:266 Resp: 1667730

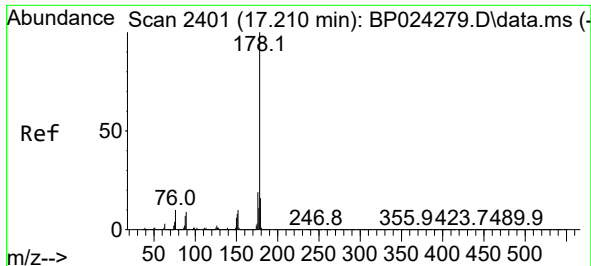
Ion Ratio Lower Upper

266 100

268 65.0 51.0 76.6

264 64.2 49.8 74.6





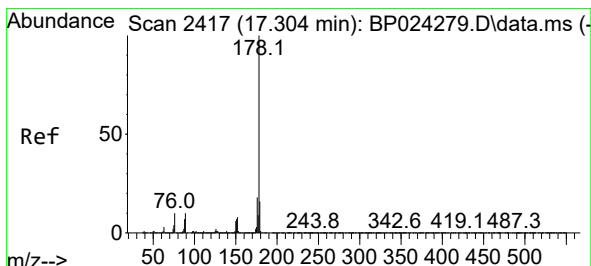
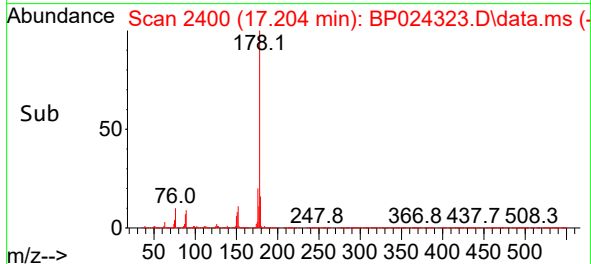
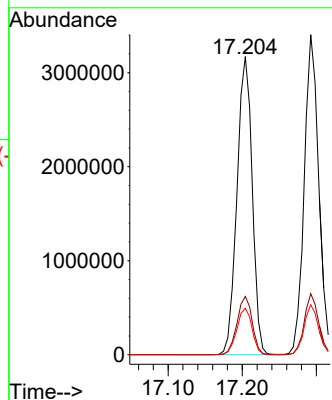
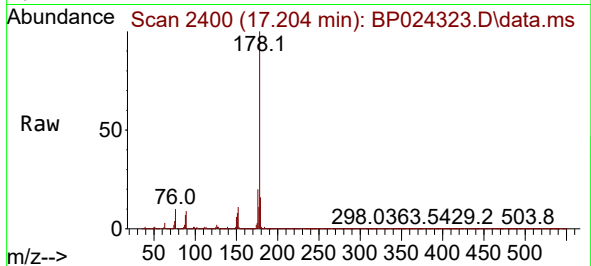
#71
Phenanthrene
Concen: 45.162 ng
RT: 17.204 min Scan# 2400
Delta R.T. -0.003 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Instrument :
BNA_P
ClientSampleId :
PB167564BSD

Tgt Ion:178 Resp: 4526959
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.6 12.5 18.7

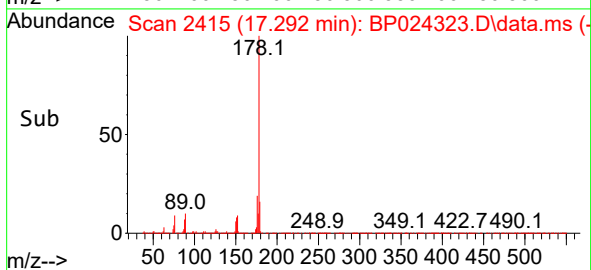
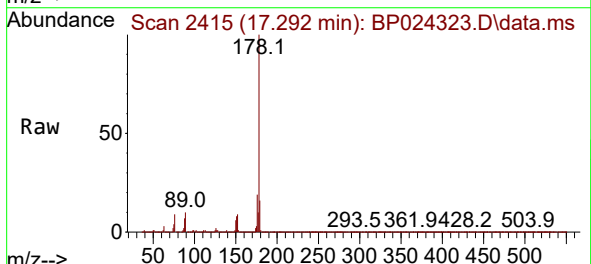
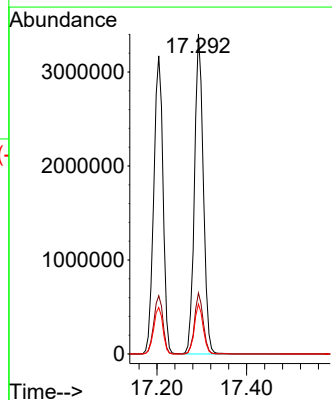
Manual Integrations
APPROVED

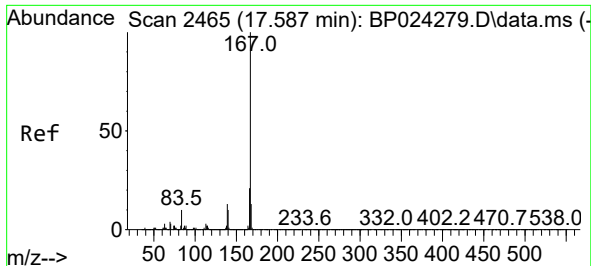
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#72
Anthracene
Concen: 48.085 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.003 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

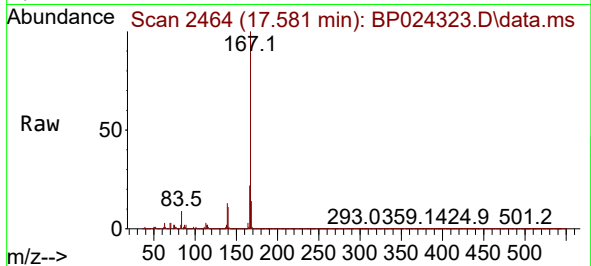
Tgt Ion:178 Resp: 4645447
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 48.296 ng
 RT: 17.581 min Scan# 2465
 Delta R.T. -0.003 min
 Lab File: BP024323.D
 Acq: 17 Apr 2025 12:32

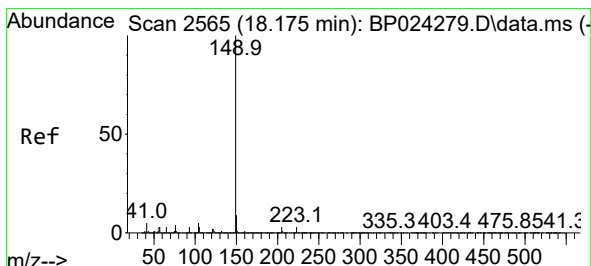
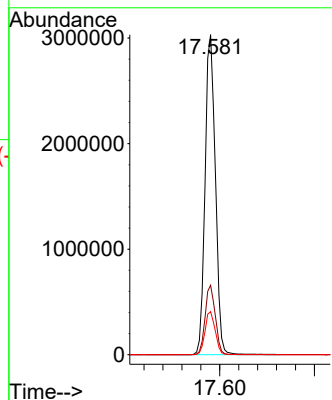
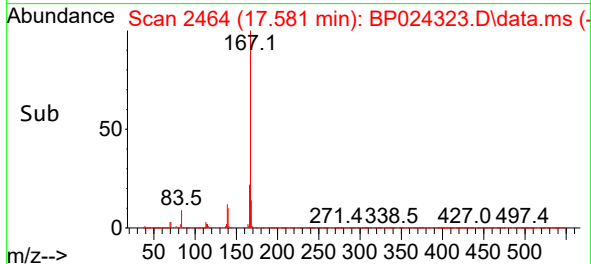
Instrument :
 BNA_P
 ClientSampleId :
 PB167564BSD



Tgt Ion:167 Resp: 4558890
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.5 10.6 16.0

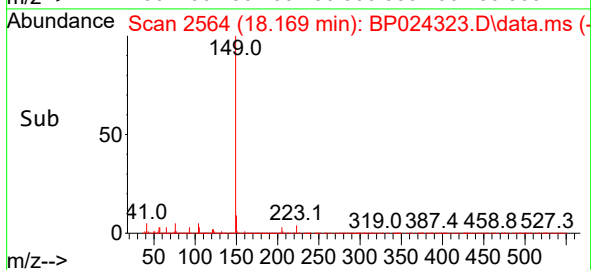
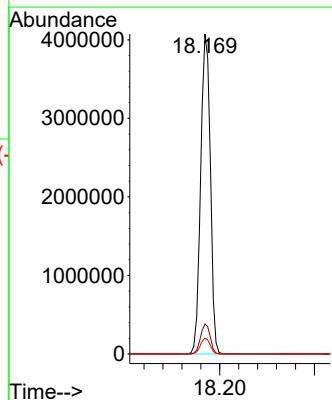
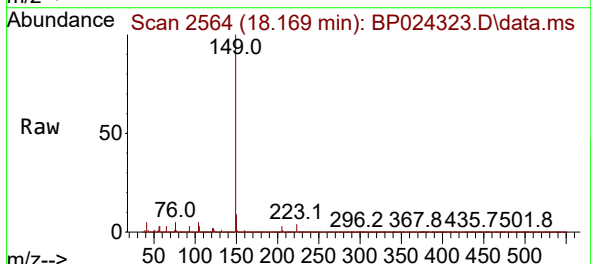
Manual Integrations
 APPROVED

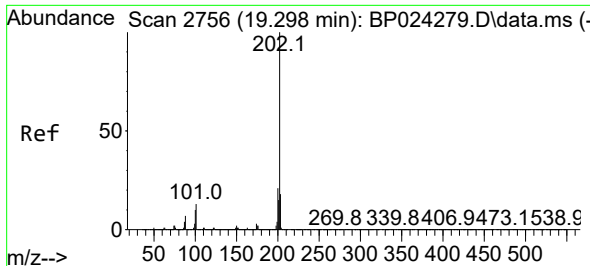
Reviewed By :Rahul Chavli 04/18/2025
 Supervised By :Jagrut Upadhyay 04/18/2025



#74
 Di-n-butylphthalate
 Concen: 49.026 ng
 RT: 18.169 min Scan# 2564
 Delta R.T. -0.003 min
 Lab File: BP024323.D
 Acq: 17 Apr 2025 12:32

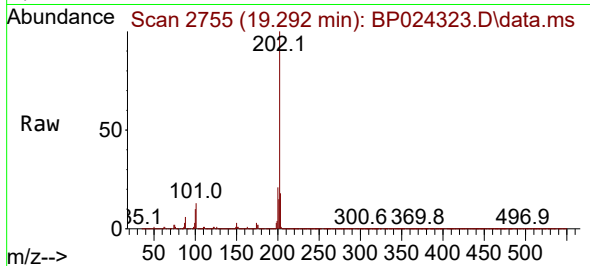
Tgt Ion:149 Resp: 5765574
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.9 3.9 5.9





#75
Fluoranthene
Concen: 46.515 ng
RT: 19.292 min Scan# 21
Delta R.T. -0.003 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

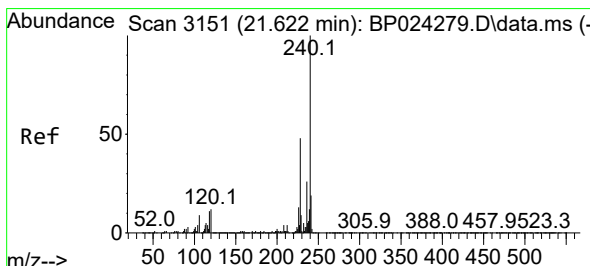
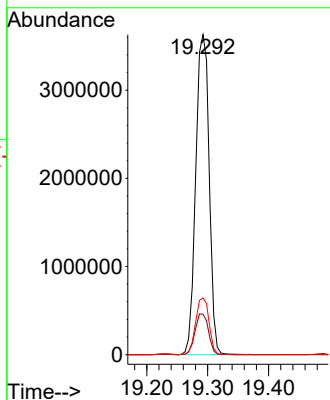
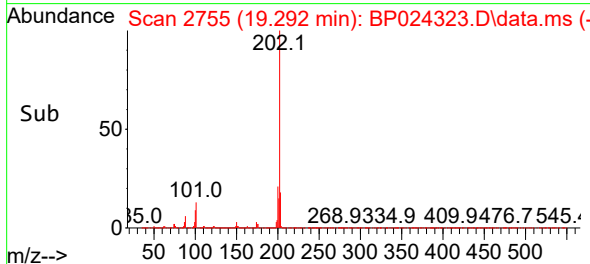
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



Tgt Ion:202 Resp: 554531
Ion Ratio Lower Upper
202 100
101 12.6 0.0 33.2
203 17.7 0.0 37.7

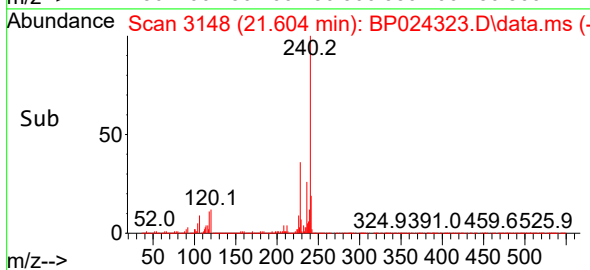
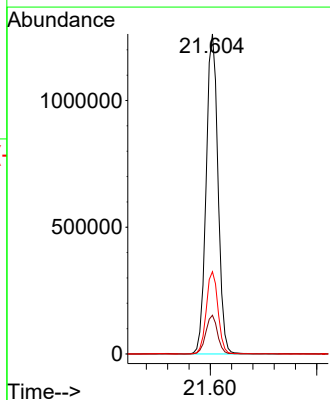
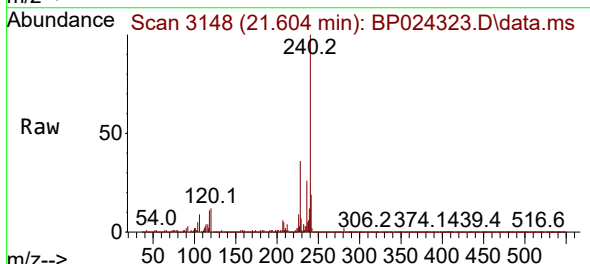
Manual Integrations
APPROVED

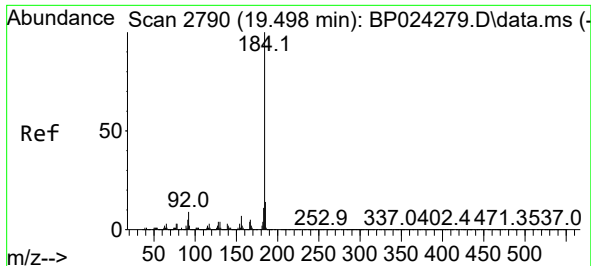
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.604 min Scan# 3148
Delta R.T. 0.002 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

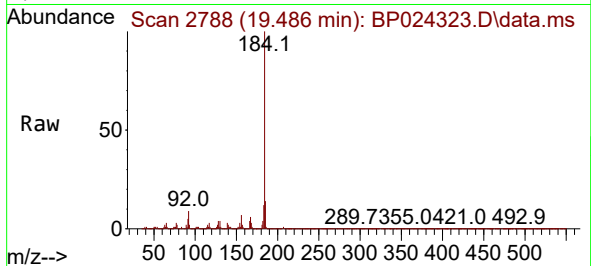
Tgt Ion:240 Resp: 1940224
Ion Ratio Lower Upper
240 100
120 12.1 9.8 14.8
236 25.7 20.9 31.3





#77
Benzidine
Concen: 81.248 ng
RT: 19.486 min Scan# 21
Delta R.T. -0.003 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

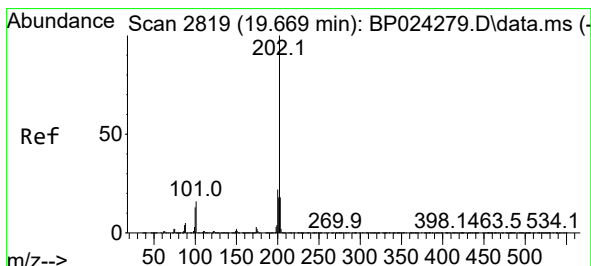
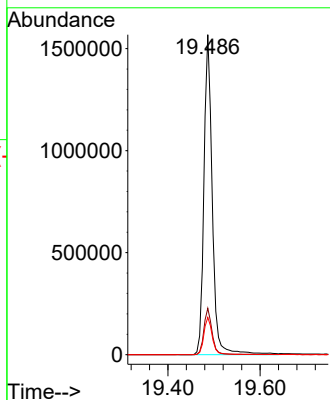
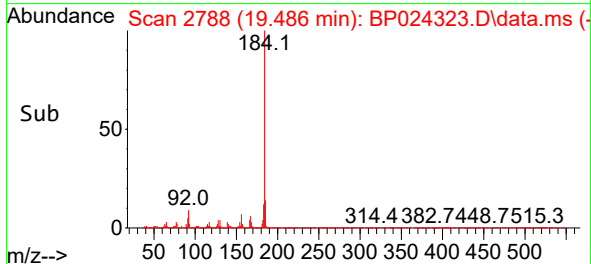
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



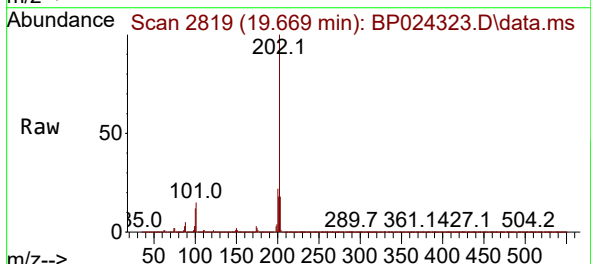
Tgt Ion:184 Resp: 199821
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 11.6 9.2 13.8

Manual Integrations
APPROVED

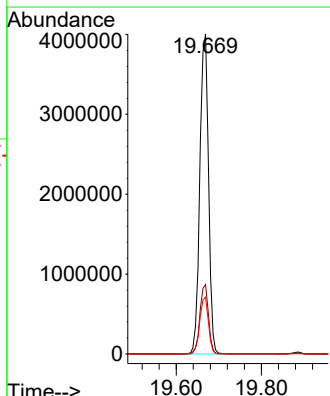
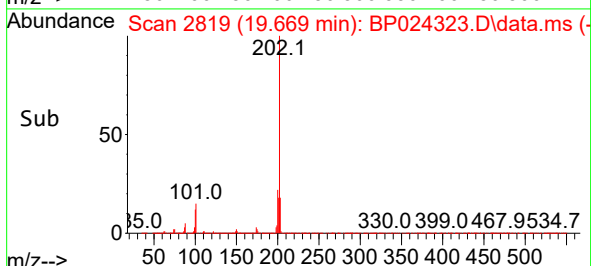
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

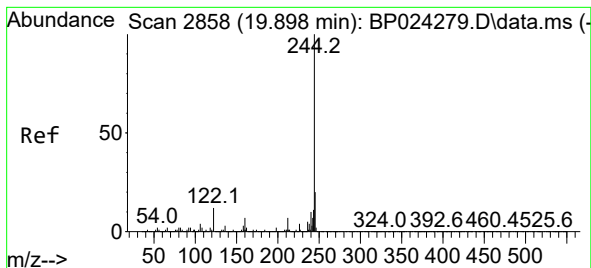


#78
Pyrene
Concen: 45.918 ng
RT: 19.669 min Scan# 2819
Delta R.T. 0.002 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32



Tgt Ion:202 Resp: 5661848
Ion Ratio Lower Upper
202 100
200 21.7 17.2 25.8
203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 90.309 ng

RT: 19.886 min Scan# 2856

Delta R.T. -0.015 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD

Tgt Ion:244 Resp: 869303

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

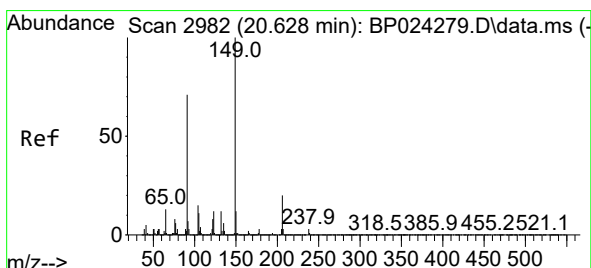
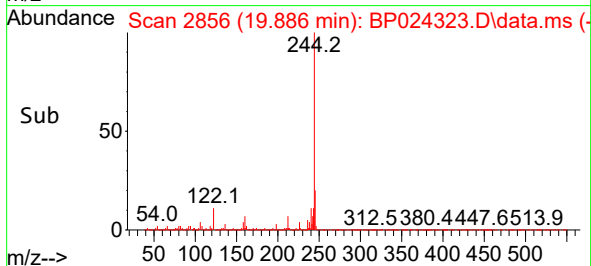
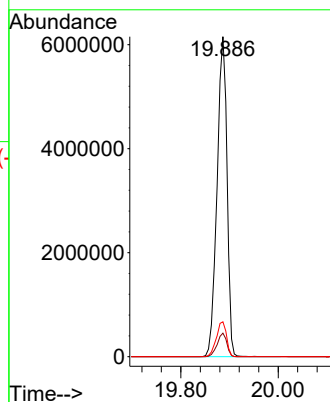
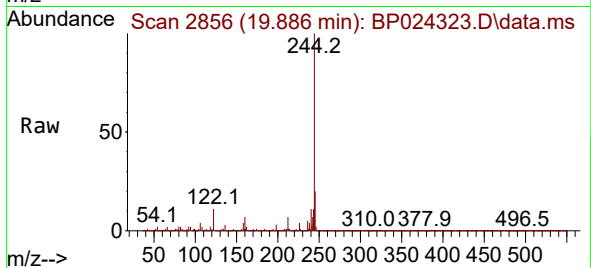
122 10.9 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/18/2025

Supervised By :Jagrut Upadhyay 04/18/2025



#80

Butylbenzylphthalate

Concen: 51.361 ng

RT: 20.616 min Scan# 2980

Delta R.T. -0.009 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

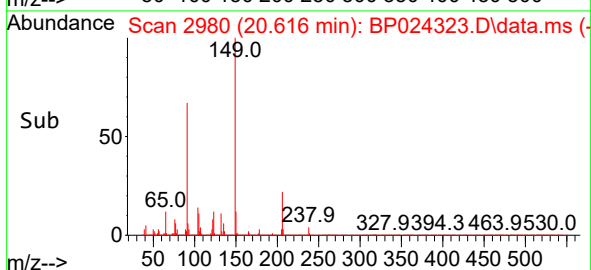
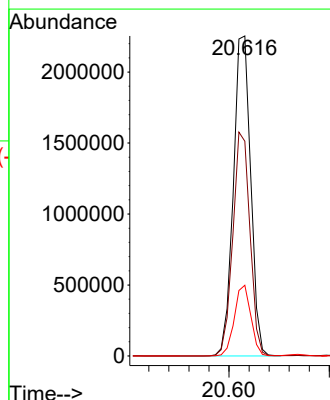
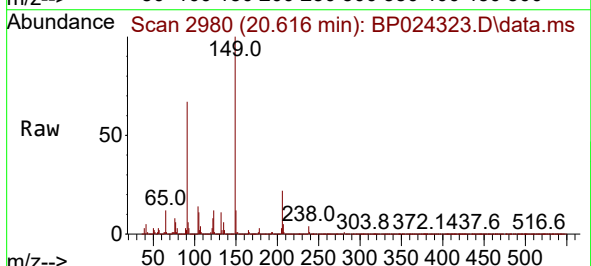
Tgt Ion:149 Resp: 2712595

Ion Ratio Lower Upper

149 100

91 67.1 56.4 84.6

206 22.1 16.3 24.5





#81

Benzo(a)anthracene

Concen: 47.634 ng

RT: 21.580 min Scan# 3147

Delta R.T. -0.003 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD

Tgt Ion:228 Resp: 574444

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

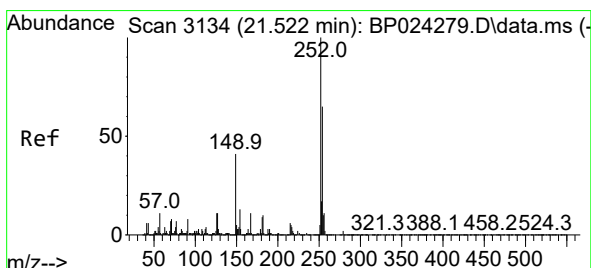
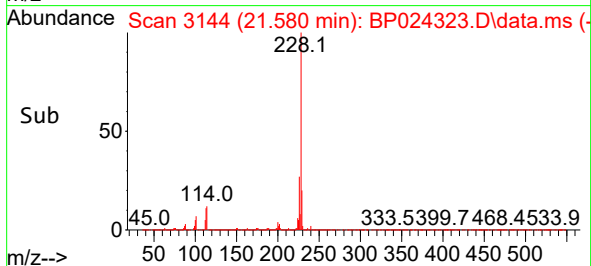
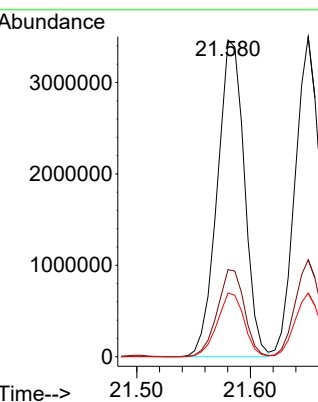
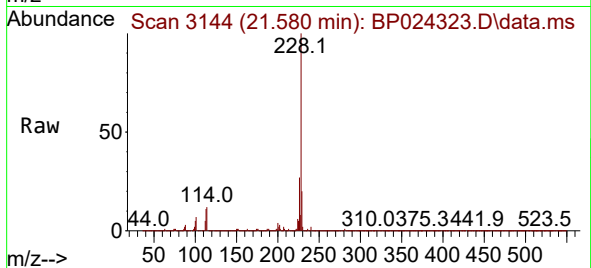
229 20.1 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/18/2025

Supervised By :Jagrut Upadhyay 04/18/2025



#82

3,3'-Dichlorobenzidine

Concen: 31.668 ng

RT: 21.498 min Scan# 3130

Delta R.T. -0.021 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

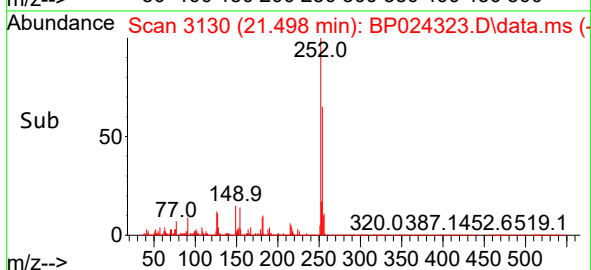
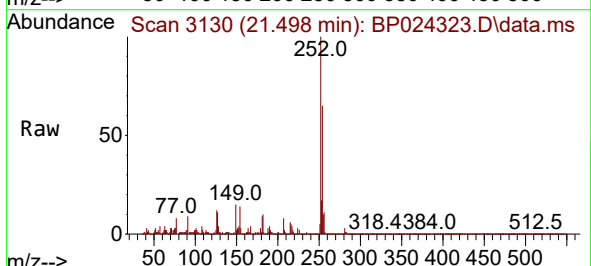
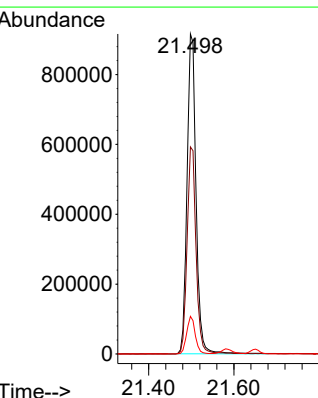
Tgt Ion:252 Resp: 1340459

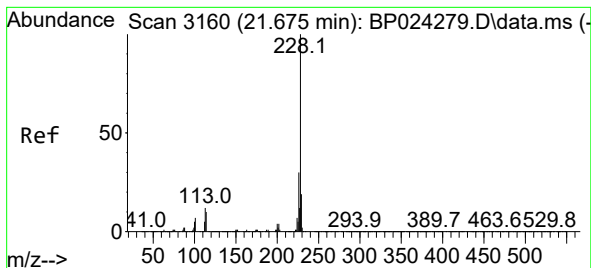
Ion Ratio Lower Upper

252 100

254 64.7 51.7 77.5

126 11.8 8.8 13.2





#83

Chrysene

Concen: 45.871 ng

RT: 21.651 min Scan# 3160

Delta R.T. -0.009 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD

Tgt Ion:228 Resp: 529982

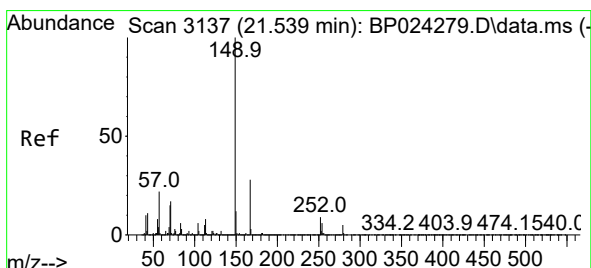
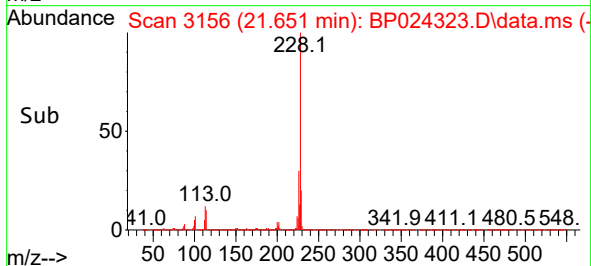
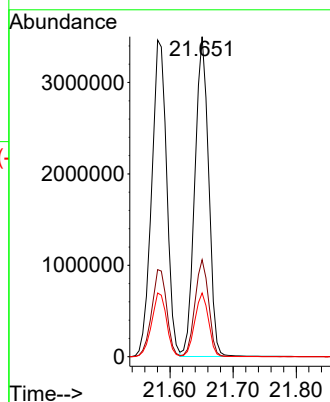
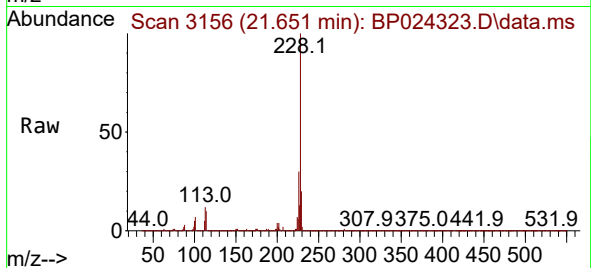
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	19.9	15.6	23.4

Manual Integrations

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Reviewed By :Rahul Chavli 04/18/2025

Supervised By :Jagrut Upadhyay 04/18/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.034 ng

RT: 21.522 min Scan# 3134

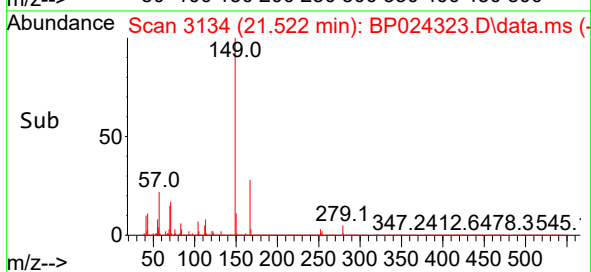
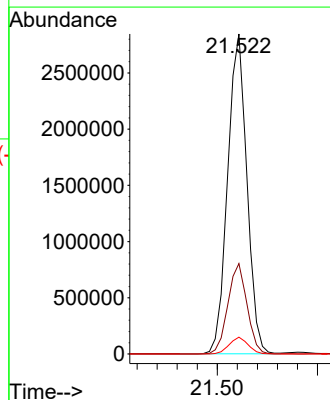
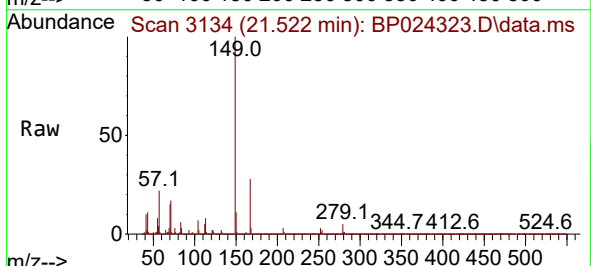
Delta R.T. -0.003 min

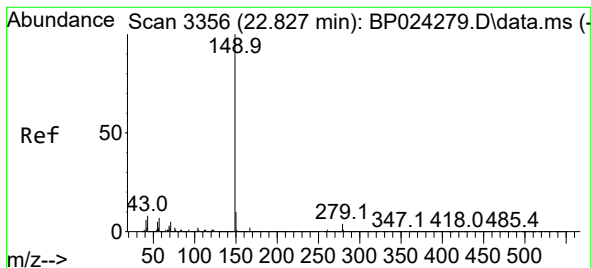
Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Tgt Ion:149 Resp: 3796363

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.4	33.6
279	5.3	4.0	6.0





#85

Di-n-octyl phthalate

Concen: 49.614 ng

RT: 22.798 min Scan# 31

Delta R.T. -0.015 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD

Tgt Ion:149 Resp: 624484

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

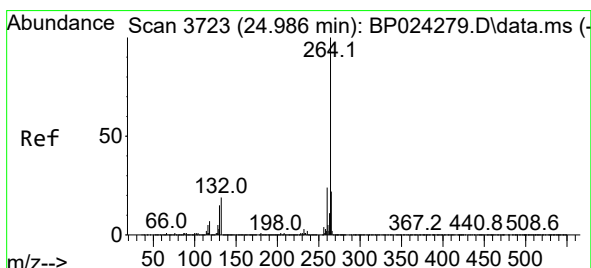
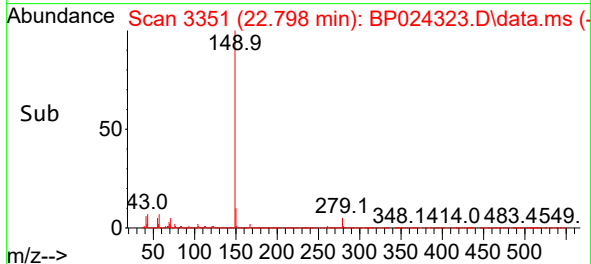
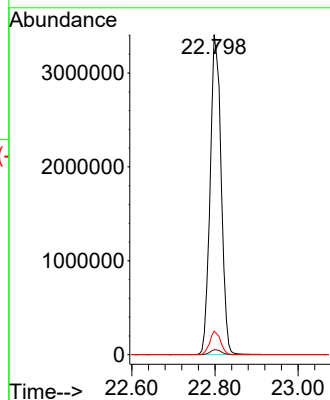
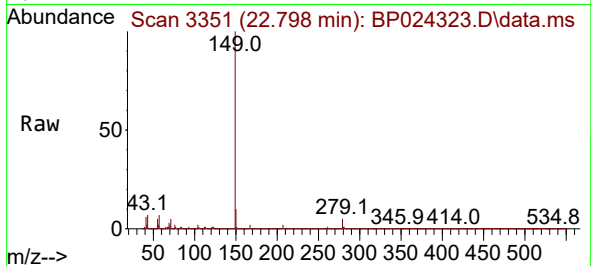
43 7.2 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/18/2025

Supervised By :Jagrut Upadhyay 04/18/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.945 min Scan# 3716

Delta R.T. -0.021 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

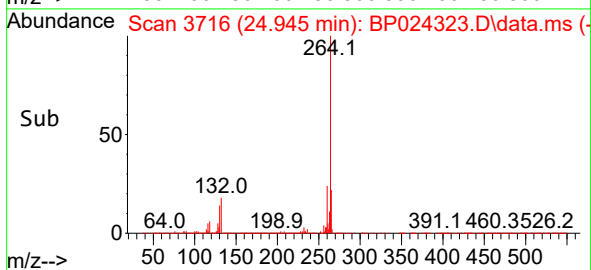
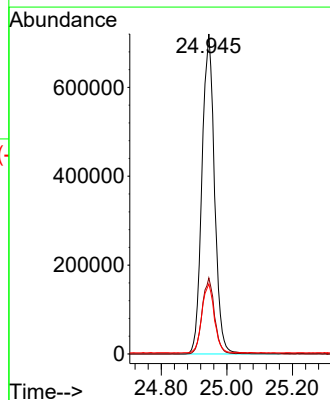
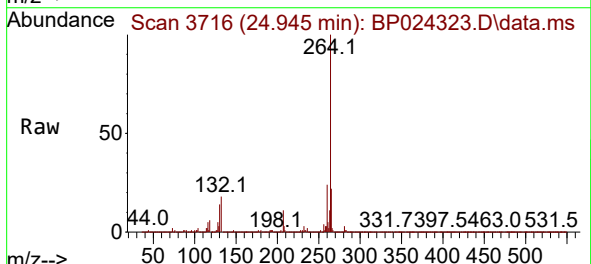
Tgt Ion:264 Resp: 1918974

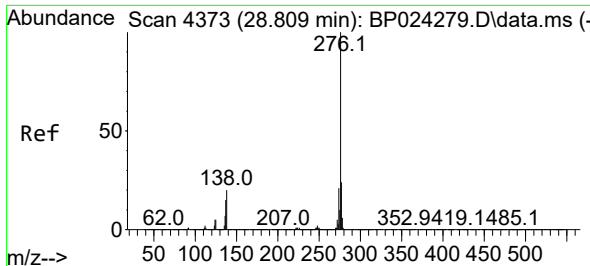
Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

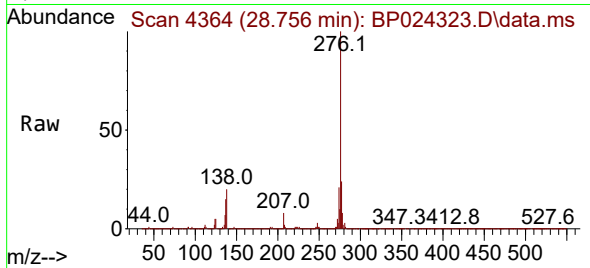
265 21.9 17.8 26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.897 ng
RT: 28.756 min Scan# 41
Delta R.T. -0.039 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

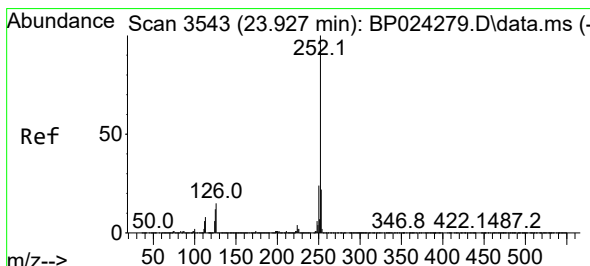
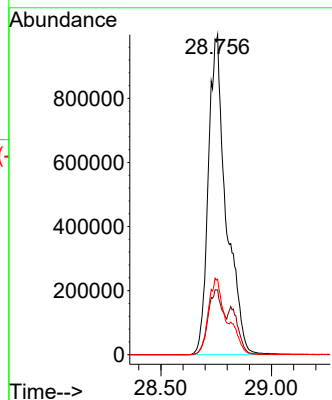
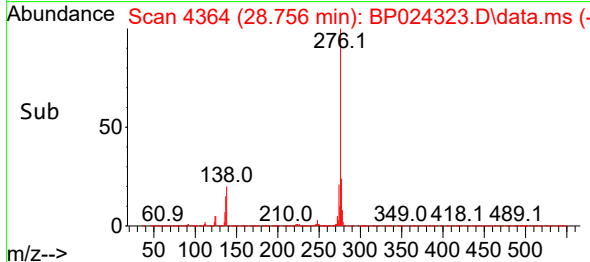
Instrument :
BNA_P
ClientSampleId :
PB167564BSD



Tgt Ion:276 Resp: 558164
Ion Ratio Lower Upper
276 100
138 17.3 14.5 21.7
277 20.4 20.2 30.2

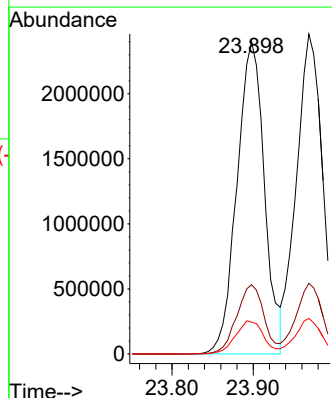
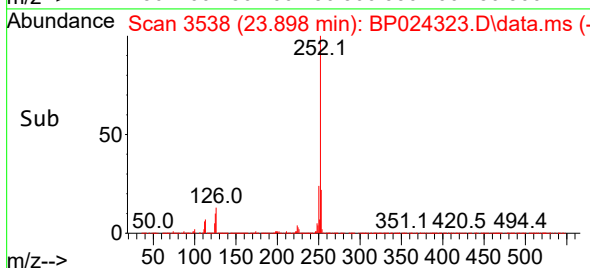
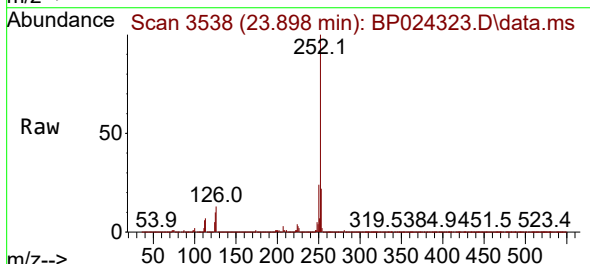
Manual Integrations
APPROVED

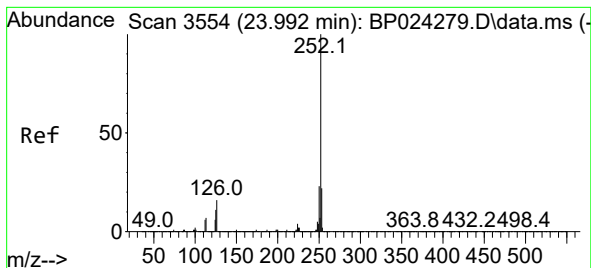
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



#88
Benzo(b)fluoranthene
Concen: 49.181 ng
RT: 23.898 min Scan# 3538
Delta R.T. -0.015 min
Lab File: BP024323.D
Acq: 17 Apr 2025 12:32

Tgt Ion:252 Resp: 5657100
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.2 9.4 14.0





#89

Benzo(k)fluoranthene

Concen: 49.389 ng

RT: 23.968 min Scan# 3554

Delta R.T. -0.009 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD

Tgt Ion:252 Resp: 548753

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

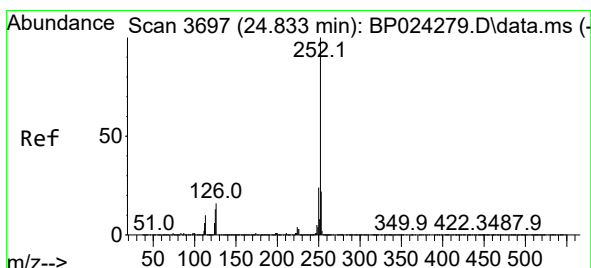
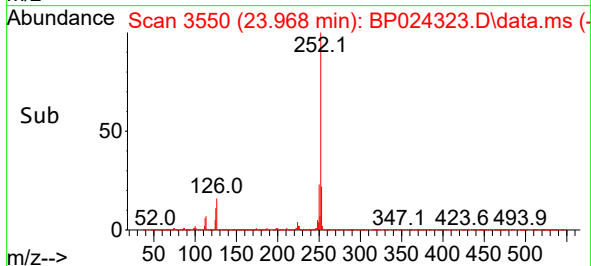
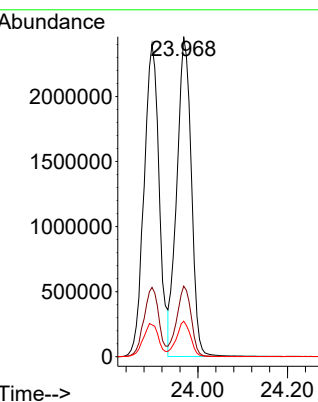
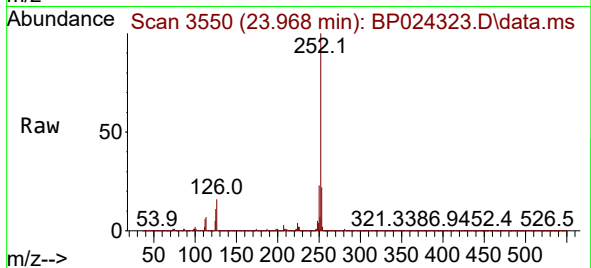
125 11.1 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/18/2025

Supervised By :Jagrut Upadhyay 04/18/2025



#90

Benzo(a)pyrene

Concen: 52.024 ng

RT: 24.792 min Scan# 3690

Delta R.T. -0.021 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

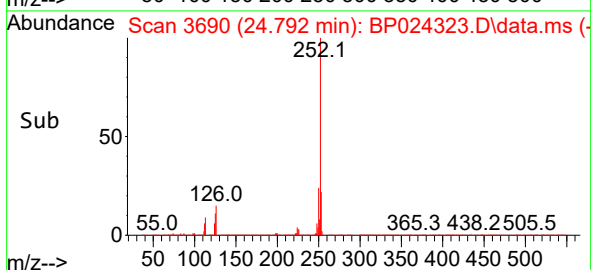
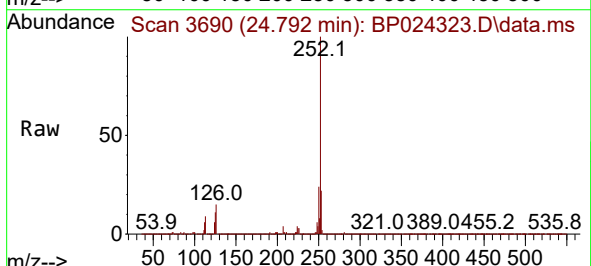
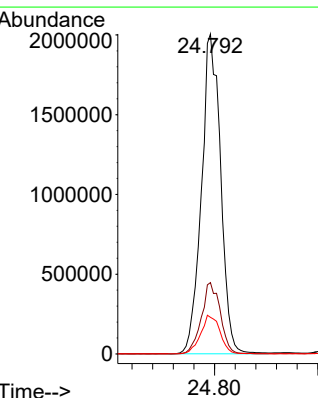
Tgt Ion:252 Resp: 5161830

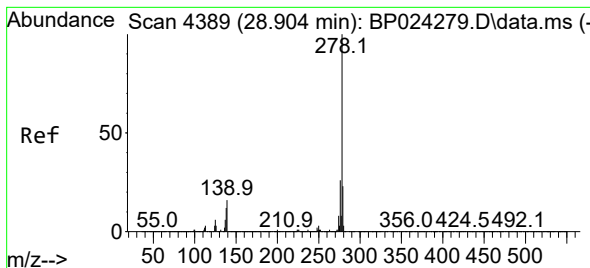
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 11.5 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 41.850 ng

RT: 28.827 min Scan# 41

Delta R.T. -0.039 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB167564BSD

Tgt Ion:278 Resp: 4627739

Ion Ratio Lower Upper

278 100

139 16.7 12.6 19.0

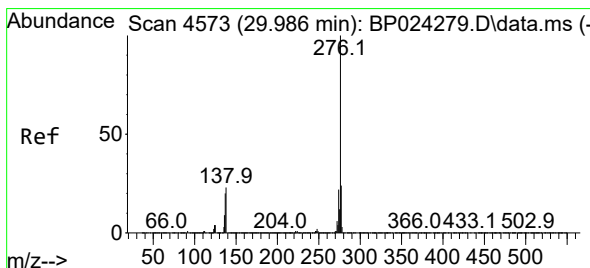
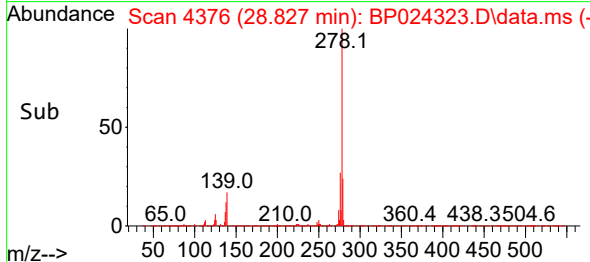
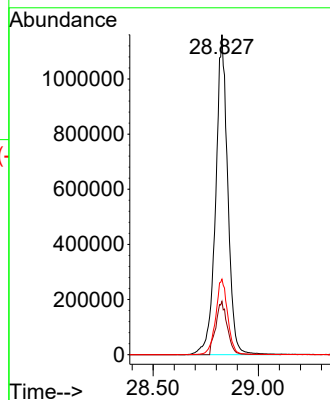
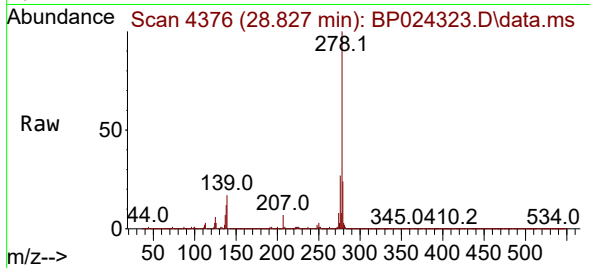
279 23.6 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/18/2025

Supervised By :Jagrut Upadhyay 04/18/2025



#92

Benzo(g,h,i)perylene

Concen: 38.705 ng

RT: 29.927 min Scan# 4563

Delta R.T. -0.051 min

Lab File: BP024323.D

Acq: 17 Apr 2025 12:32

Tgt Ion:276 Resp: 4356459

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 23.2 18.7 28.1

