

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
 Data File : BP024308.D
 Acq On : 16 Apr 2025 12:26
 Operator : RC/JU
 Sample : PB167599BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167599BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/17/2025
 Supervised By :Jagrut Upadhyay 04/17/2025

Quant Time: Apr 16 13:05:34 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	286323	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	1113960	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	629539	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	1114867	20.000	ng	0.00
76) Chrysene-d12	21.627	240	1123456	20.000	ng	0.00
86) Perylene-d12	24.980	264	1378114	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2311099	133.461	ng	0.00
7) Phenol-d6	6.916	99	2844918	119.981	ng	0.00
23) Nitrobenzene-d5	8.875	82	1716926	87.886	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	1075516	123.480	ng	-0.01
45) 2-Fluorobiphenyl	12.969	172	3607996	87.751	ng	-0.01
79) Terphenyl-d14	19.910	244	4813130	86.354	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	269686	36.819	ng	98
3) Pyridine	3.687	79	689112	35.629	ng	99
4) n-Nitrosodimethylamine	3.593	42	266789	41.563	ng	98
6) Aniline	7.069	93	714252	33.710	ng	100
8) 2-Chlorophenol	7.299	128	828942	42.875	ng	99
9) Benzaldehyde	6.881	77	320213	27.301	ng	99
10) Phenol	6.940	94	1001957	42.124	ng	99
11) bis(2-Chloroethyl)ether	7.158	93	763164	39.822	ng	99
12) 1,3-Dichlorobenzene	7.616	146	872562	41.921	ng	99
13) 1,4-Dichlorobenzene	7.763	146	882947	41.809	ng	99
14) 1,2-Dichlorobenzene	8.081	146	845676	41.470	ng	99
15) Benzyl Alcohol	7.969	79	638012	41.607	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.246	45	854378	41.244	ng	100
17) 2-Methylphenol	8.169	107	660981	42.956	ng	99
18) Hexachloroethane	8.799	117	324087	42.464	ng	99
19) n-Nitroso-di-n-propyla...	8.528	70	551619	37.604	ng	99
20) 3+4-Methylphenols	8.493	107	882799	41.348	ng	98
22) Acetophenone	8.540	105	1145214	41.537	ng	# 99
24) Nitrobenzene	8.922	77	835146	43.214	ng	98
25) Isophorone	9.440	82	1508101	42.648	ng	100
26) 2-Nitrophenol	9.622	139	415484	43.931	ng	99
27) 2,4-Dimethylphenol	9.687	122	714650	60.180	ng	100
28) bis(2-Chloroethoxy)met...	9.922	93	985304	41.247	ng	99
29) 2,4-Dichlorophenol	10.157	162	695019	42.924	ng	100
30) 1,2,4-Trichlorobenzene	10.363	180	738252	42.555	ng	100
31) Naphthalene	10.552	128	2398520	40.875	ng	100
32) Benzoic acid	9.834	122	482897	34.898	ng	99
33) 4-Chloroaniline	10.663	127	275028	13.309	ng	99
34) Hexachlorobutadiene	10.840	225	448872	44.031	ng	99
35) Caprolactam	11.457	113	215946	36.145	ng	98
36) 4-Chloro-3-methylphenol	11.793	107	740961	39.288	ng	99
37) 2-Methylnaphthalene	12.163	142	1459183	35.856	ng	100
38) 1-Methylnaphthalene	12.387	142	1520396	38.190	ng	100
40) 1,2,4,5-Tetrachloroben...	12.540	216	781643	45.149	ng	99
41) Hexachlorocyclopentadiene	12.522	237	1145367	187.062	ng	99
43) 2,4,6-Trichlorophenol	12.787	196	524976	45.609	ng	98

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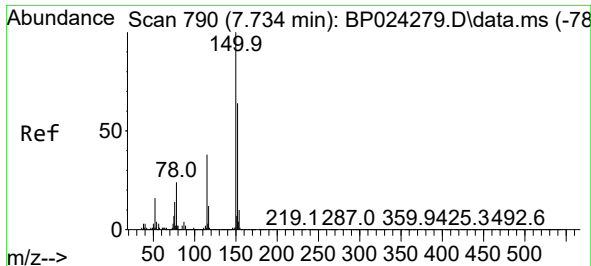
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	561470	44.050	ng	99
46) 1,1'-Biphenyl	13.187	154	1982266	42.837	ng	99
47) 2-Chloronaphthalene	13.228	162	1518756	43.914	ng	99
48) 2-Nitroaniline	13.440	65	422765	43.579	ng	99
49) Acenaphthylene	14.081	152	2478028	45.509	ng	99
50) Dimethylphthalate	13.822	163	1803151	39.386	ng	100
51) 2,6-Dinitrotoluene	13.940	165	401775	41.328	ng	98
52) Acenaphthene	14.434	154	1418462	41.090	ng	99
53) 3-Nitroaniline	14.269	138	188737	18.472	ng	99
54) 2,4-Dinitrophenol	14.487	184	483623	84.454	ng	96
55) Dibenzofuran	14.769	168	2205474	39.086	ng	98
56) 4-Nitrophenol	14.598	139	761058	86.245	ng	97
57) 2,4-Dinitrotoluene	14.740	165	556856	41.991	ng	99
58) Fluorene	15.428	166	1779287	40.734	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.992	232	474658	40.376	ng	99
60) Diethylphthalate	15.204	149	1773064	37.582	ng	100
61) 4-Chlorophenyl-phenyle...	15.434	204	850517	40.097	ng	99
62) 4-Nitroaniline	15.451	138	408319	37.750	ng	96
63) Azobenzene	15.728	77	1701071	39.229	ng	98
65) 4,6-Dinitro-2-methylph...	15.510	198	297472	42.322	ng	96
66) n-Nitrosodiphenylamine	15.645	169	1499526	45.063	ng	99
67) 4-Bromophenyl-phenylether	16.339	248	544115	44.625	ng	99
68) Hexachlorobenzene	16.463	284	651546	44.969	ng	95
69) Atrazine	16.628	200	495988	58.523	ng	99
70) Pentachlorophenol	16.822	266	878367	86.900	ng	99
71) Phenanthrene	17.222	178	2611981	42.947	ng	100
72) Anthracene	17.310	178	2669025	45.533	ng	99
73) Carbazole	17.598	167	2433924	42.496	ng	99
74) Di-n-butylphthalate	18.186	149	2918940	40.907	ng	100
75) Fluoranthene	19.304	202	2932782	40.545	ng	100
77) Benzidine	19.504	184	1069543	75.104	ng	100
78) Pyrene	19.680	202	3050823	42.731	ng	99
80) Butylbenzylphthalate	20.633	149	1302696	42.598	ng	99
81) Benzo(a)anthracene	21.604	228	3049813	43.675	ng	100
82) 3,3'-Dichlorobenzidine	21.533	252	711112	29.014	ng	99
83) Chrysene	21.674	228	2832420	42.338	ng	100
84) Bis(2-ethylhexyl)phtha...	21.545	149	1885015	42.048	ng	99
85) Di-n-octyl phthalate	22.827	149	3290642	45.151	ng	100
87) Indeno(1,2,3-cd)pyrene	28.792	276	4538892m	47.441	ng	
88) Benzo(b)fluoranthene	23.916	252	3328058	40.289	ng	99
89) Benzo(k)fluoranthene	23.986	252	3424379	42.916	ng	99
90) Benzo(a)pyrene	24.810	252	3322549	46.629	ng	100
91) Dibenzo(a,h)anthracene	28.886	278	3766145	47.425	ng	99
92) Benzo(g,h,i)perylene	29.986	276	3668533	45.385	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 790
Delta R.T. 0.000 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

Instrument :

BNA_P

ClientSampleId :

PB167599BSD

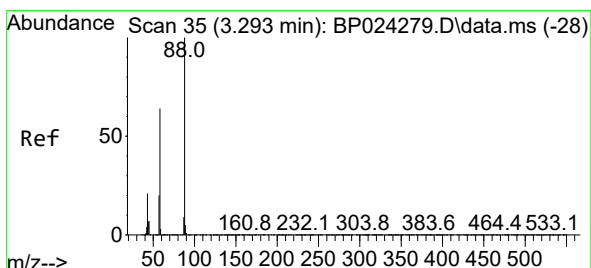
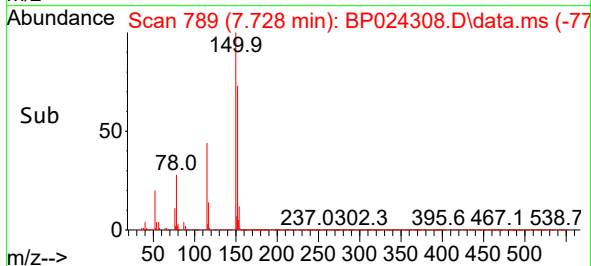
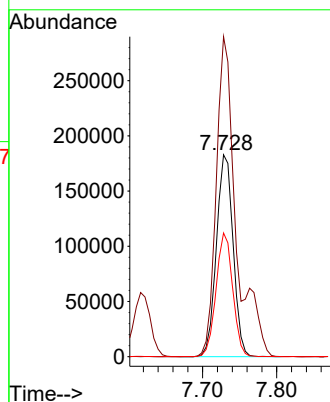
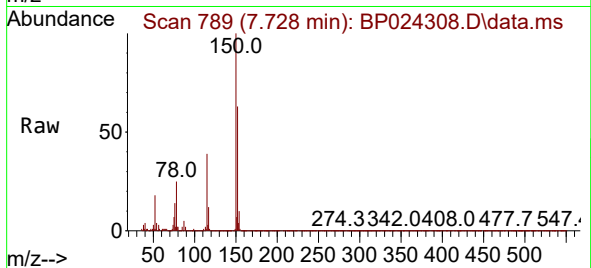
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Ion Ratio Lower Upper
152 100
150 158.5 124.9 187.3
115 61.2 47.7 71.5

Manual Integrations

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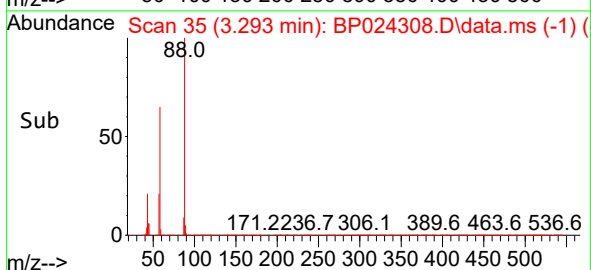
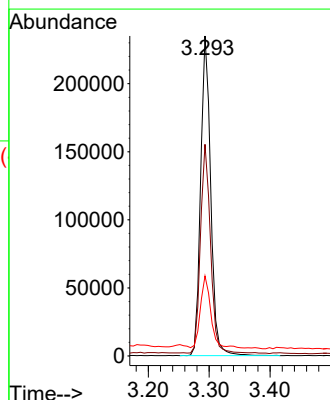
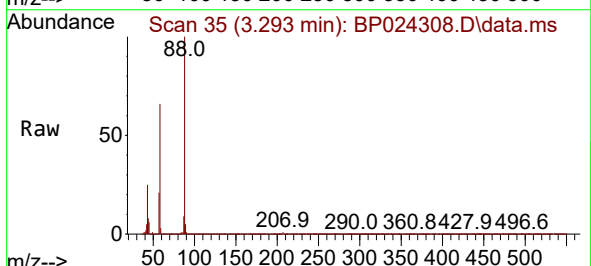
Reviewed By :Rahul Chavli 04/17/2025

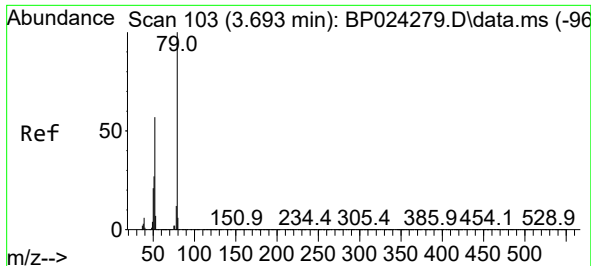
Supervised By :Jagrut Upadhyay 04/17/2025



#2
1,4-Dioxane
Concen: 36.819 ng
RT: 3.293 min Scan# 35
Delta R.T. 0.000 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

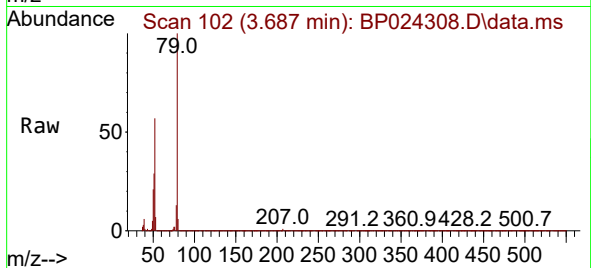
Tgt Ion: 88 Resp: 269686
Ion Ratio Lower Upper
88 100
58 65.9 51.4 77.2
43 22.3 17.1 25.7





#3
Pyridine
Concen: 35.629 ng
RT: 3.687 min Scan# 103
Delta R.T. 0.000 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

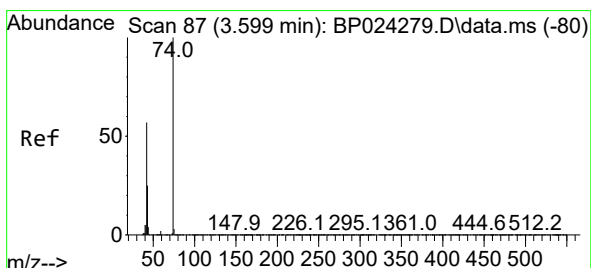
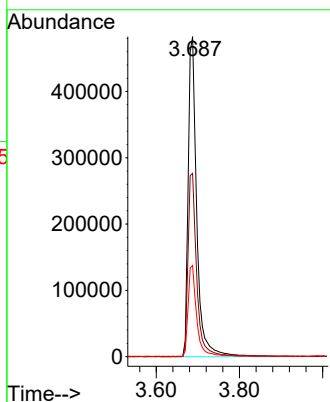
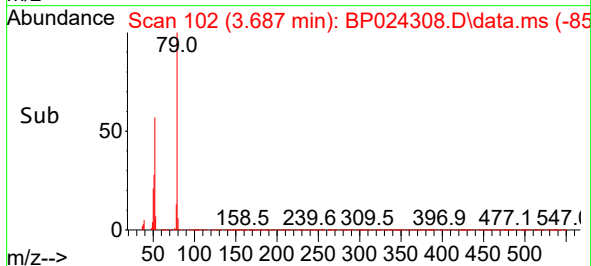
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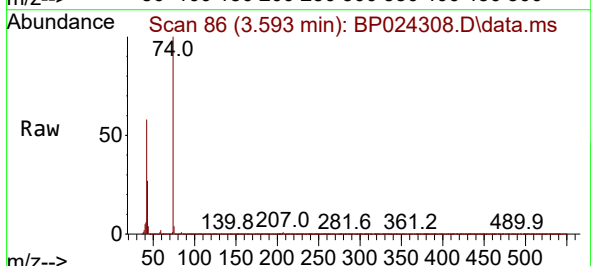
Tgt Ion: 79 Resp: 68911
Ion Ratio Lower Upper
79 100
52 57.3 45.4 68.2
51 28.5 22.6 33.8

Manual Integrations
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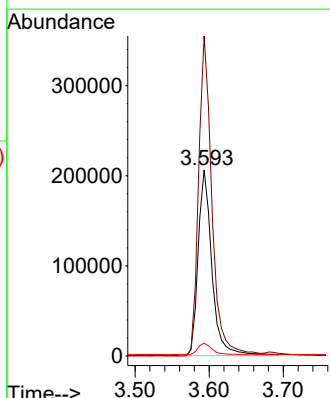
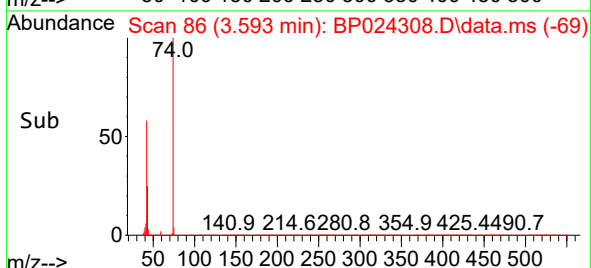
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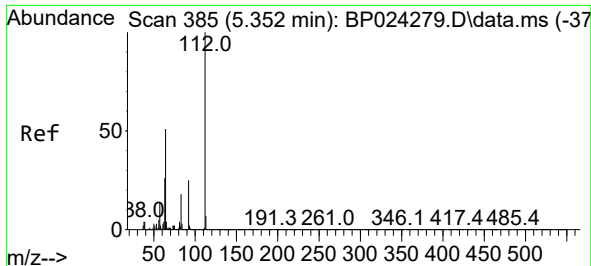


#4
n-Nitrosodimethylamine
Concen: 41.563 ng
RT: 3.593 min Scan# 86
Delta R.T. 0.000 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26



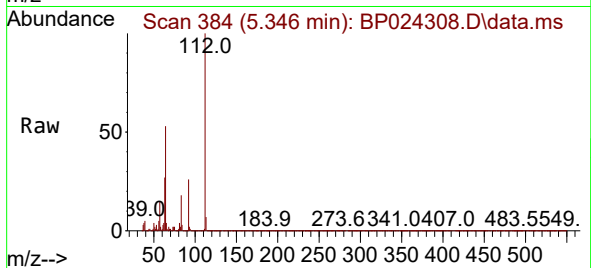
Tgt Ion: 42 Resp: 266789
Ion Ratio Lower Upper
42 100
74 172.0 139.5 209.3
44 6.9 5.8 8.8





#5
2-Fluorophenol
Concen: 133.461 ng
RT: 5.346 min Scan# 385
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

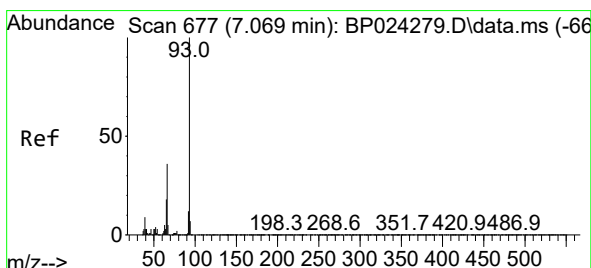
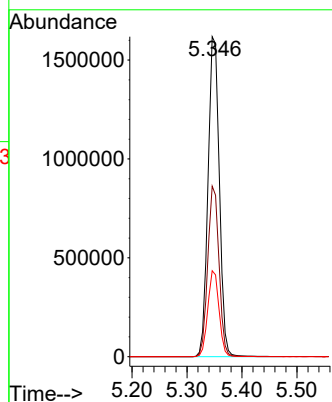
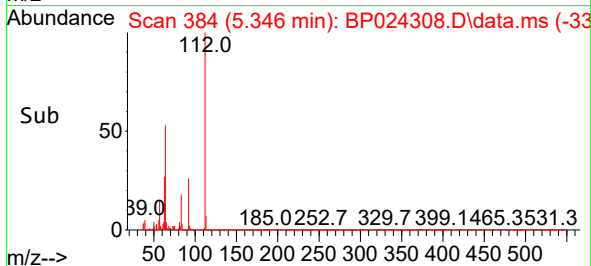
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Tgt Ion: 112 Resp: 2311099
Ion Ratio Lower Upper
112 100
64 53.3 41.1 61.7
63 26.8 20.6 30.8

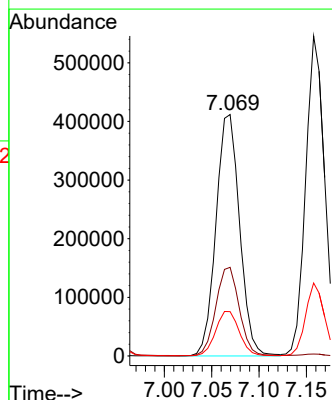
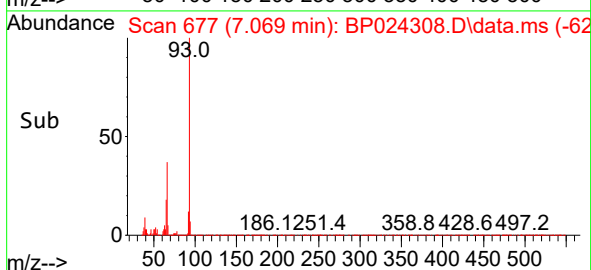
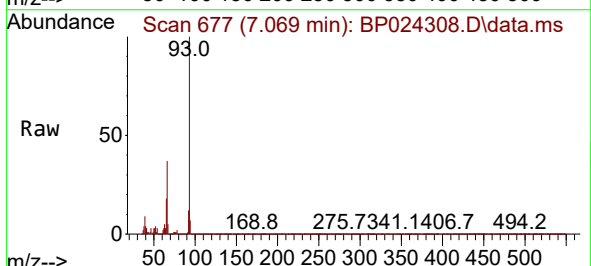
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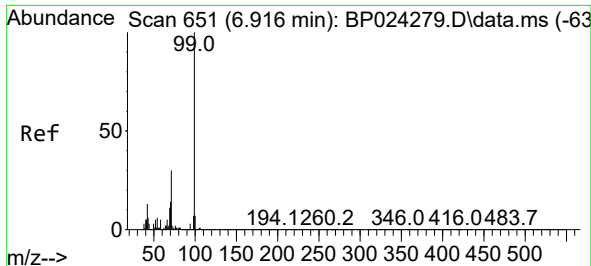
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025



#6
Aniline
Concen: 33.710 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.000 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

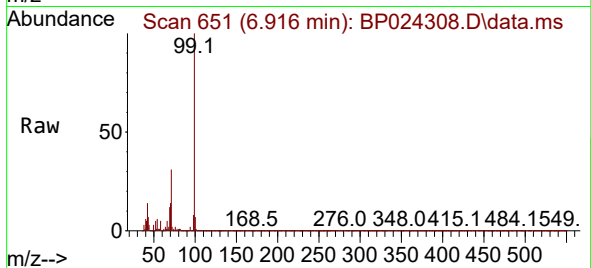
Tgt Ion: 93 Resp: 714252
Ion Ratio Lower Upper
93 100
66 36.8 29.1 43.7
65 18.4 14.7 22.1





#7
Phenol-d6
Concen: 119.981 ng
RT: 6.916 min Scan# 651
Delta R.T. 0.000 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

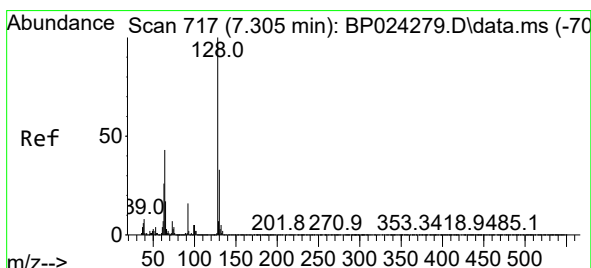
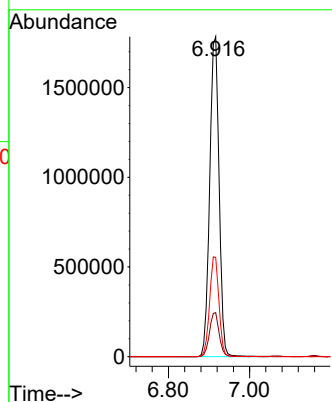
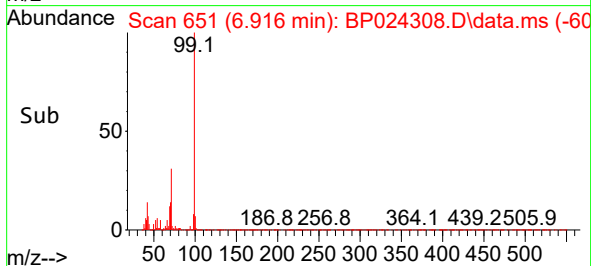
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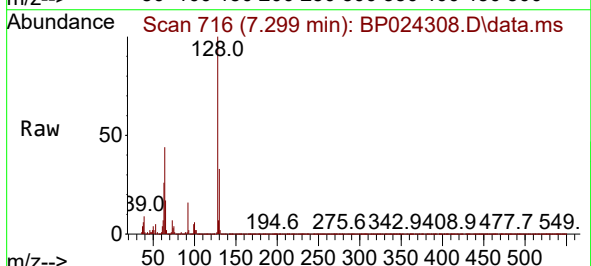
Tgt Ion: 99 Resp: 2844918
Ion Ratio Lower Upper
99 100
42 13.7 10.6 16.0
71 31.0 23.7 35.5

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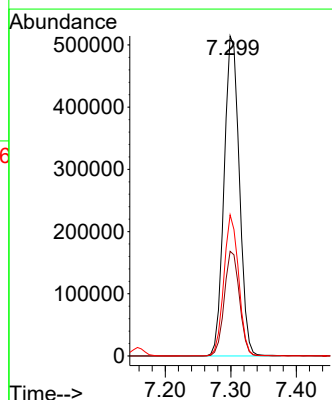
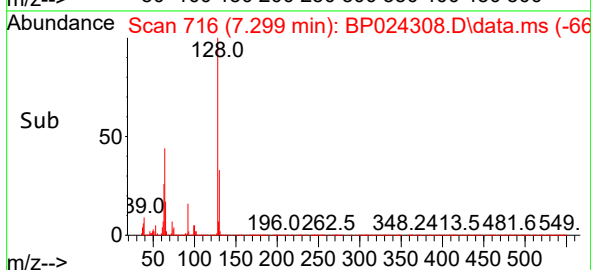
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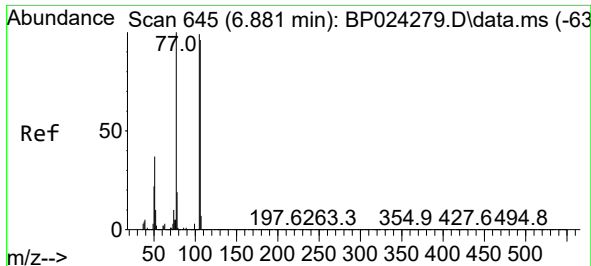


#8
2-Chlorophenol
Concen: 42.875 ng
RT: 7.299 min Scan# 716
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26



Tgt Ion:128 Resp: 828942
Ion Ratio Lower Upper
128 100
130 32.7 12.9 52.9
64 44.1 22.7 62.7





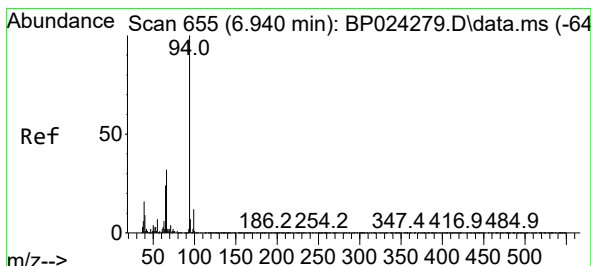
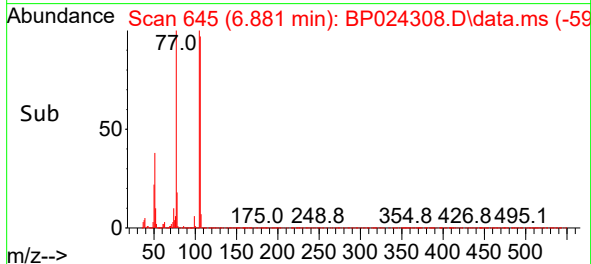
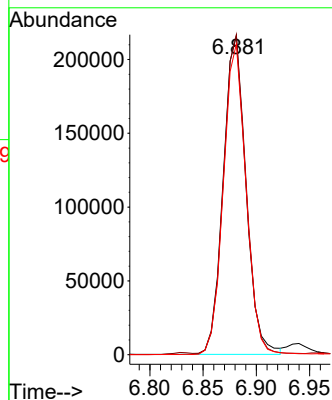
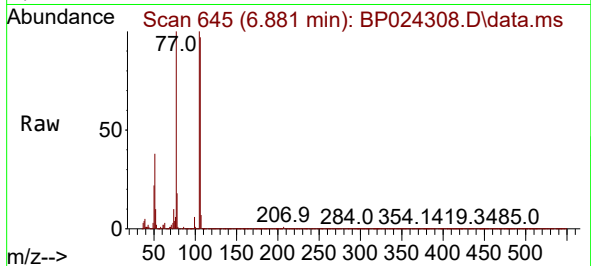
#9
Benzaldehyde
Concen: 27.301 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

Instrument :
BNA_P
ClientSampleId :
PB167599BSD

Tgt Ion: 77 Resp: 32021
Ion Ratio Lower Upper
77 100
105 100.4 79.2 119.2
106 97.5 76.2 116.2

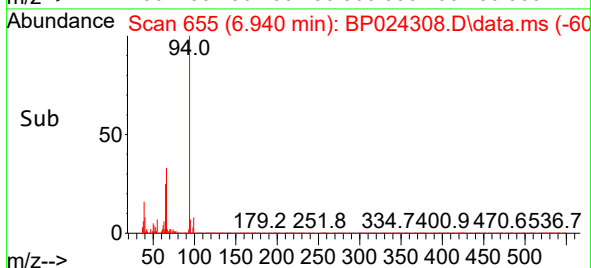
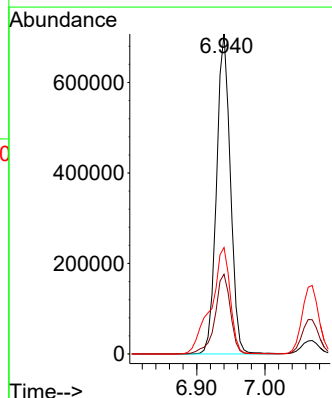
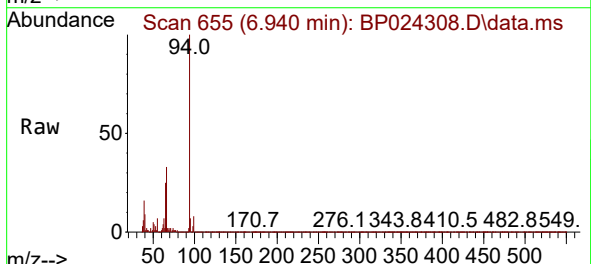
Manual Integrations
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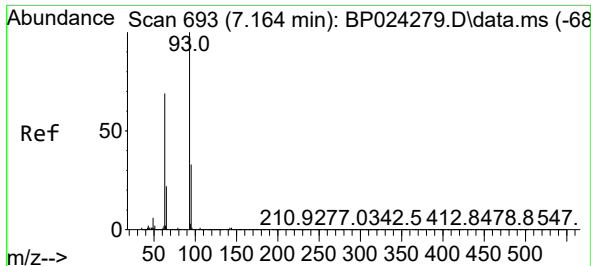
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025



#10
Phenol
Concen: 42.124 ng
RT: 6.940 min Scan# 655
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

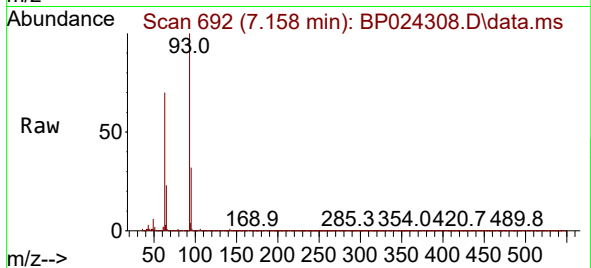
Tgt Ion: 94 Resp: 1001957
Ion Ratio Lower Upper
94 100
65 24.9 4.5 44.5
66 33.3 12.4 52.4





#11
bis(2-Chloroethyl)ether
Concen: 39.822 ng
RT: 7.158 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

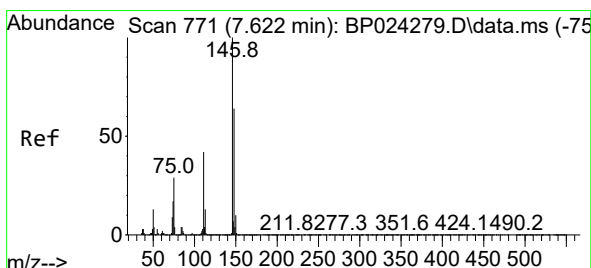
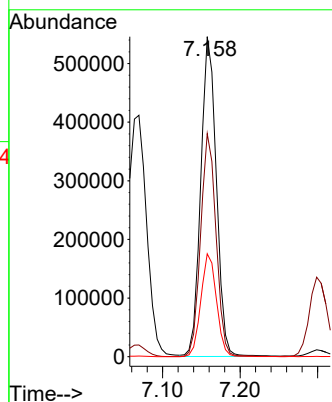
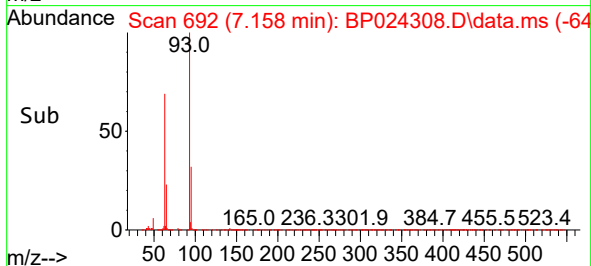
Instrument :
BNA_P
ClientSampleId :
PB167599BSD



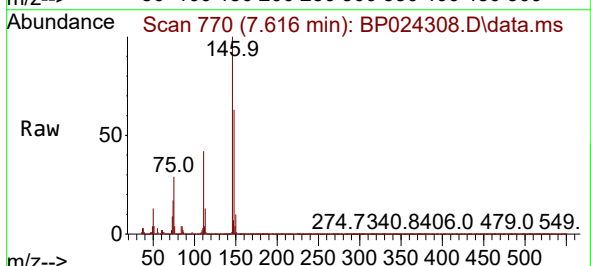
Tgt Ion: 93 Resp: 763164
Ion Ratio Lower Upper
93 100
63 69.7 48.6 88.6
95 32.2 12.3 52.3

Manual Integrations
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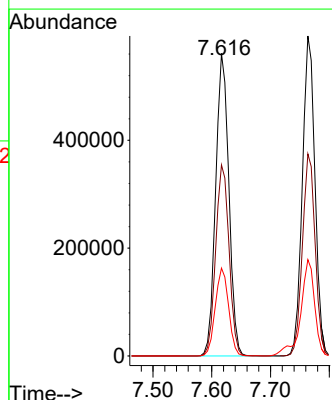
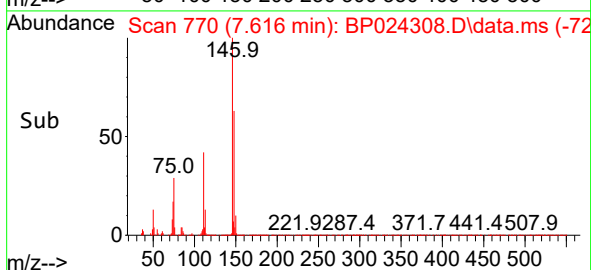
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

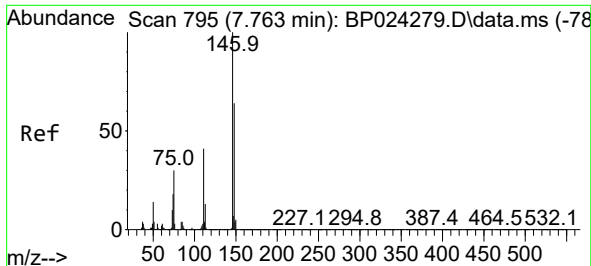


#12
1,3-Dichlorobenzene
Concen: 41.921 ng
RT: 7.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26



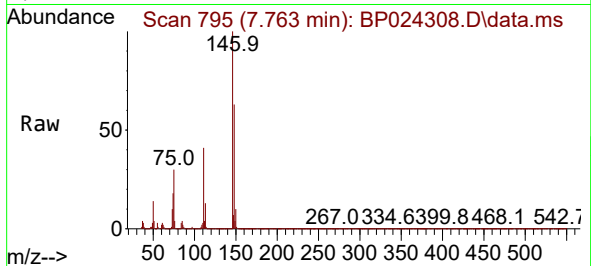
Tgt Ion:146 Resp: 872562
Ion Ratio Lower Upper
146 100
148 63.2 51.4 77.0
75 29.0 22.9 34.3





#13
1,4-Dichlorobenzene
Concen: 41.809 ng
RT: 7.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

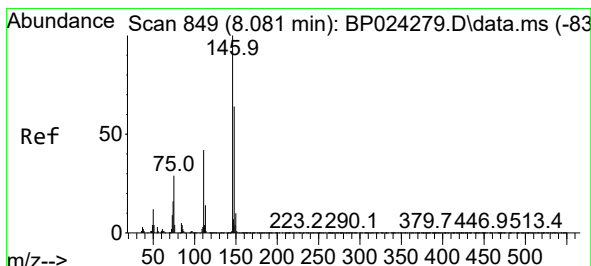
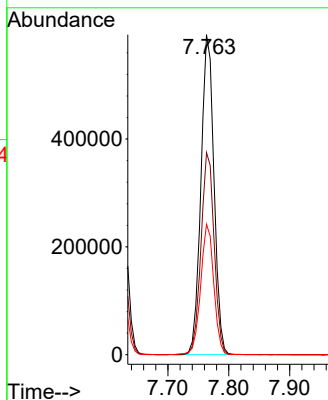
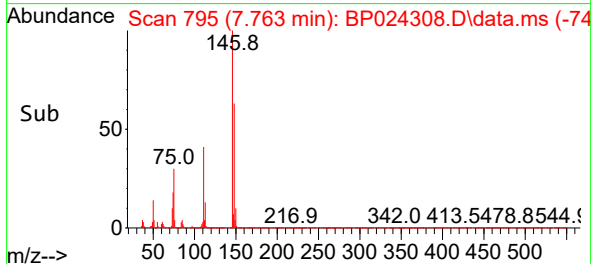
Instrument :
BNA_P
ClientSampleId :
PB167599BSD



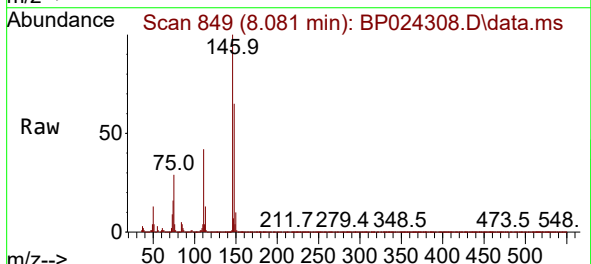
Tgt Ion:146 Resp: 88294
Ion Ratio Lower Upper
146 100
148 63.2 51.1 76.7
111 40.7 32.6 48.8

Manual Integrations
APPROVED

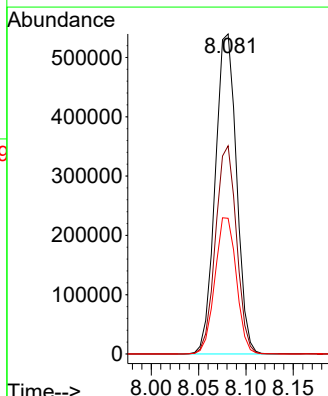
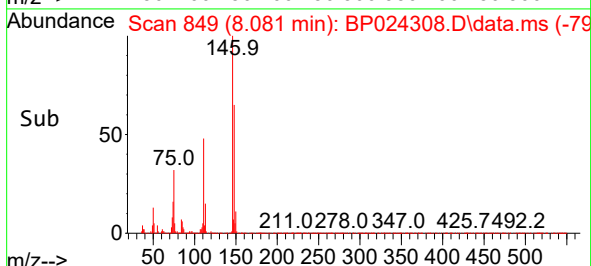
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

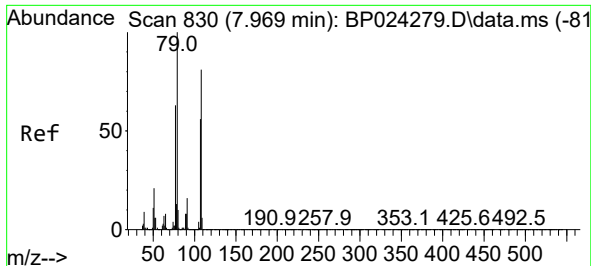


#14
1,2-Dichlorobenzene
Concen: 41.470 ng
RT: 8.081 min Scan# 849
Delta R.T. 0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26



Tgt Ion:146 Resp: 845676
Ion Ratio Lower Upper
146 100
148 65.0 51.0 76.4
111 42.4 33.8 50.8





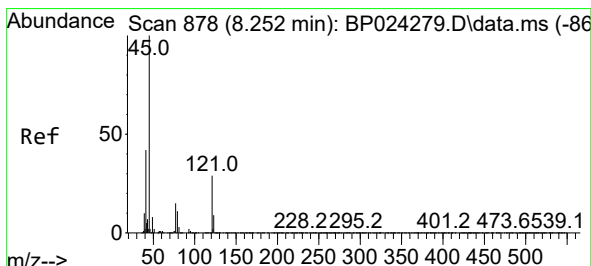
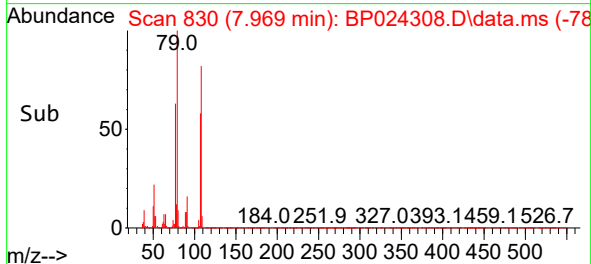
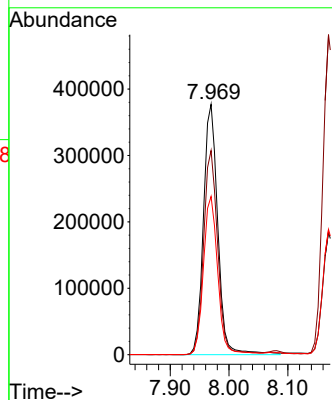
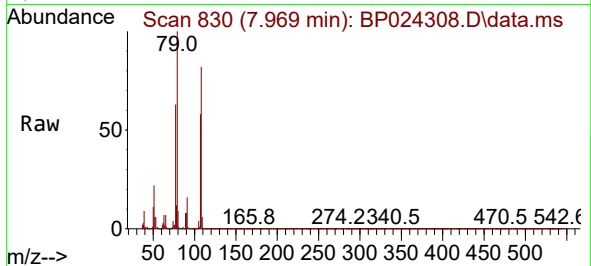
#15
Benzyl Alcohol
Concen: 41.607 ng
RT: 7.969 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

Instrument :
BNA_P
ClientSampleId :
PB167599BSD

Tgt Ion: 79 Resp: 63801
Ion Ratio Lower Upper
79 100
108 81.5 65.1 97.7
77 63.2 50.7 76.1

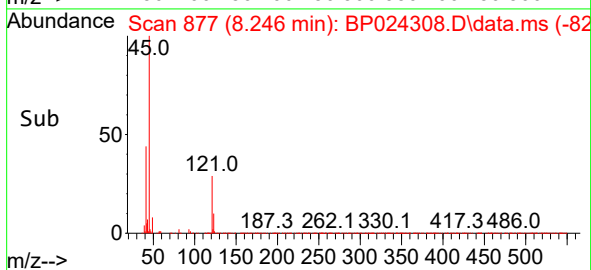
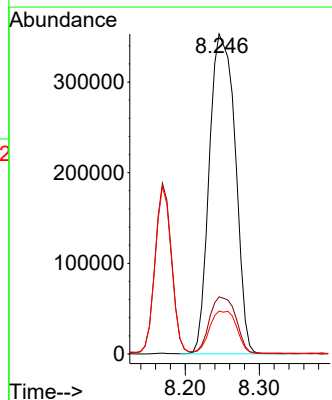
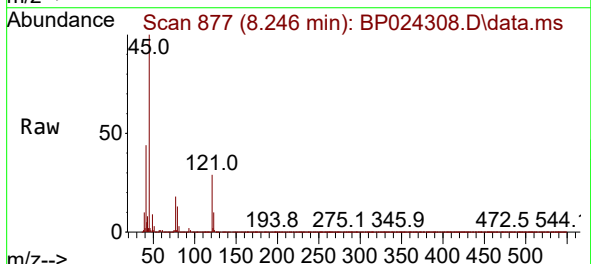
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.244 ng
RT: 8.246 min Scan# 877
Delta R.T. -0.012 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

Tgt Ion: 45 Resp: 854378
Ion Ratio Lower Upper
45 100
77 17.8 0.0 37.7
79 13.4 0.0 33.5





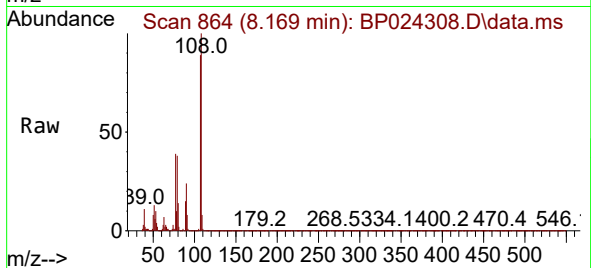
#17
2-Methylphenol
Concen: 42.956 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

Instrument :

BNA_P

ClientSampleId :

PB167599BSD



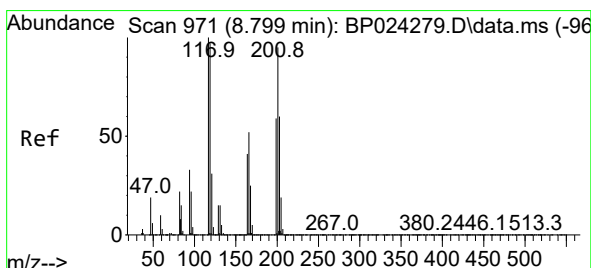
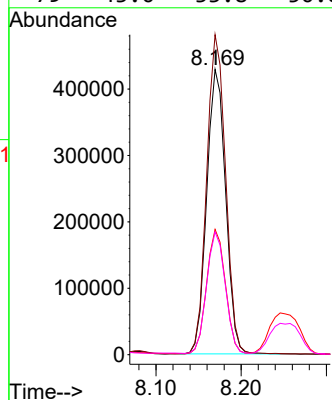
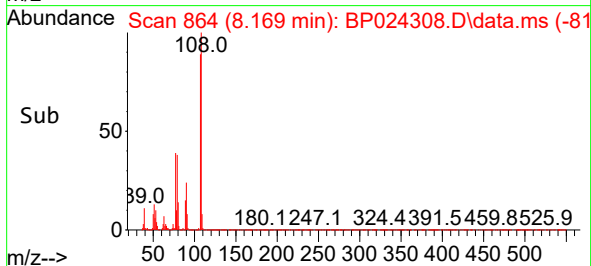
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.8	134.6
77	43.9	34.2	51.4
79	43.0	33.8	50.8

Manual Integrations

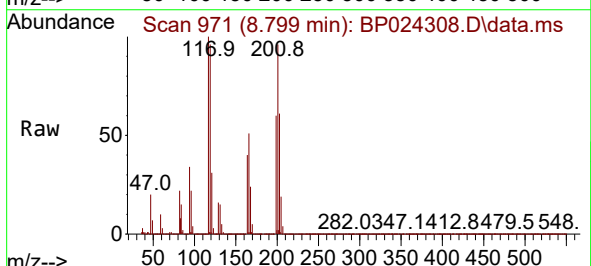
APPROVED

Reviewed By :Rahul Chavli 04/17/2025

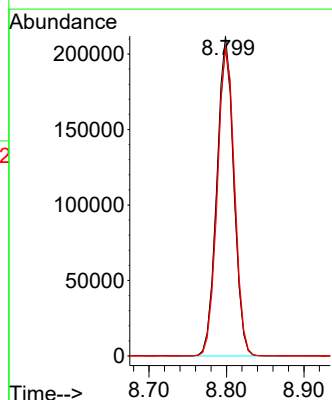
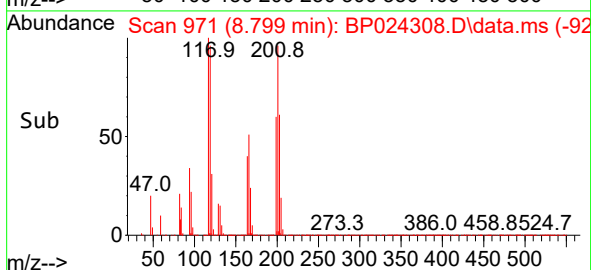
Supervised By :Jagrut Upadhyay 04/17/2025



#18
Hexachloroethane
Concen: 42.464 ng
RT: 8.799 min Scan# 971
Delta R.T. 0.000 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26



Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.8	116.6
201	96.4	75.9	113.9





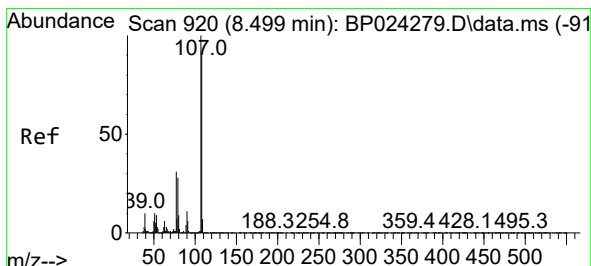
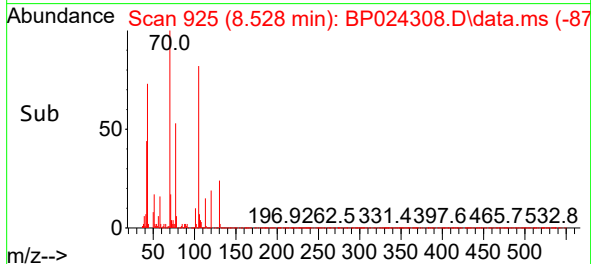
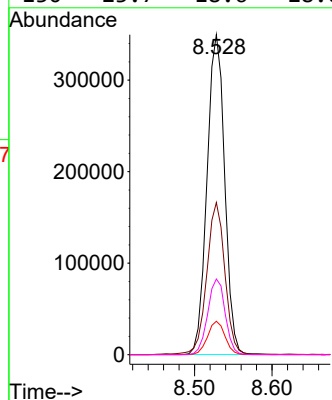
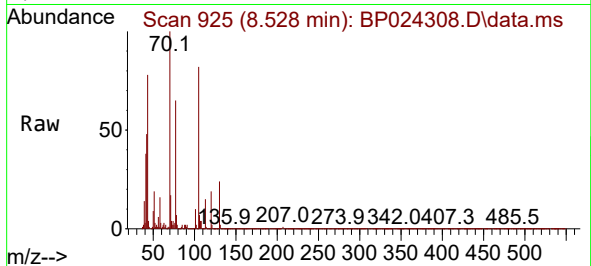
#19
n-Nitroso-di-n-propylamine
Concen: 37.604 ng
RT: 8.528 min Scan# 919
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

Instrument :
BNA_P
ClientSampleId :
PB167599BSD

Tgt Ion: 70 Resp: 551619
Ion Ratio Lower Upper
70 100
42 47.5 37.3 55.9
101 10.4 8.2 12.4
130 23.7 18.6 28.0

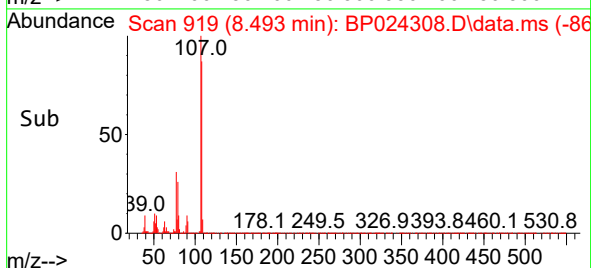
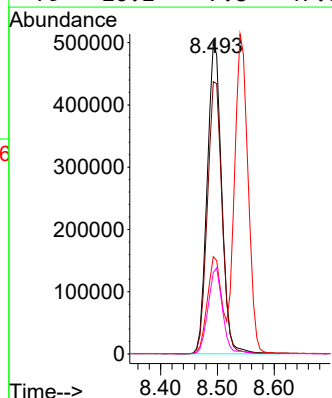
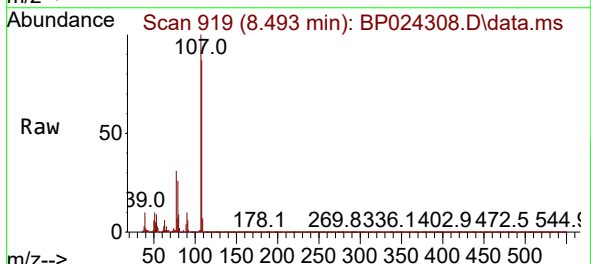
Manual Integrations
APPROVED

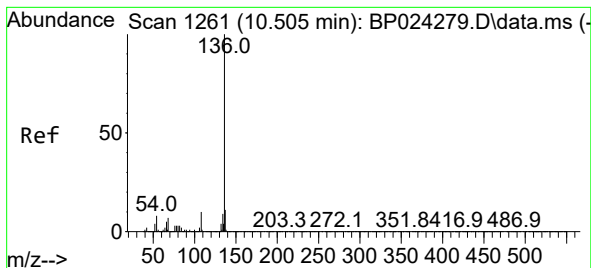
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025



#20
3+4-Methylphenols
Concen: 41.348 ng
RT: 8.493 min Scan# 919
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

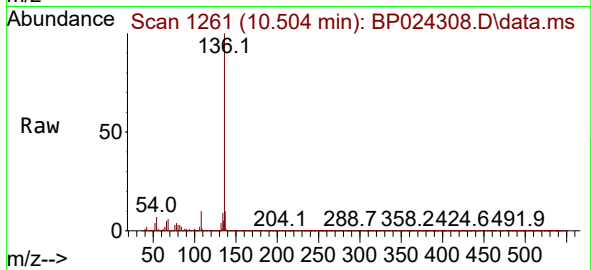
Tgt Ion:107 Resp: 882799
Ion Ratio Lower Upper
107 100
108 87.5 69.8 109.8
77 31.3 11.5 51.5
79 26.2 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1113960
Delta R.T. 0.000 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

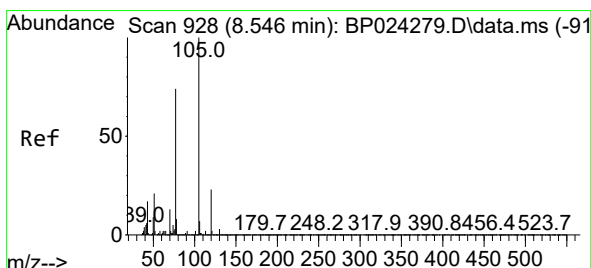
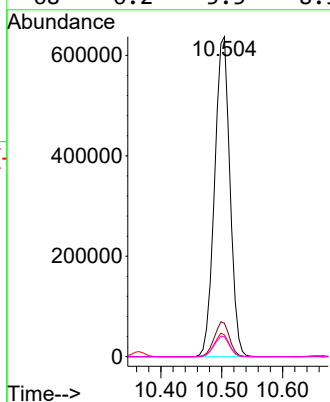
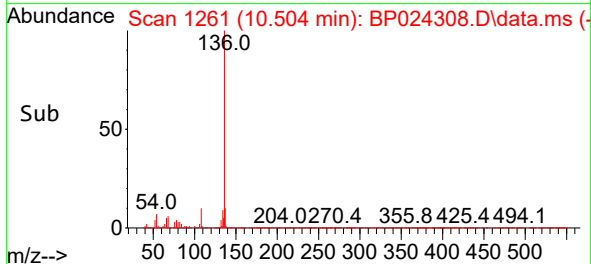
Instrument :
BNA_P
ClientSampleId :
PB167599BSD



Tgt Ion:136 Resp: 1113960
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 6.8 6.0 9.0
68 6.2 5.5 8.3

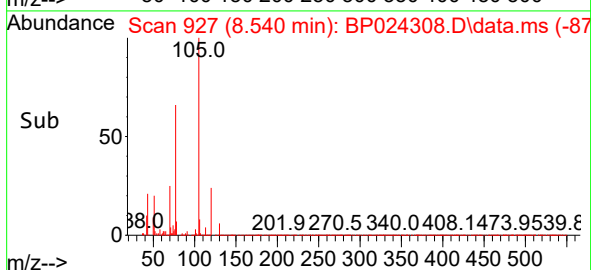
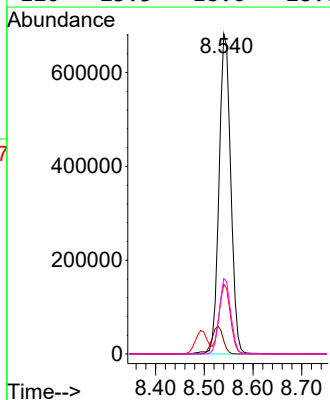
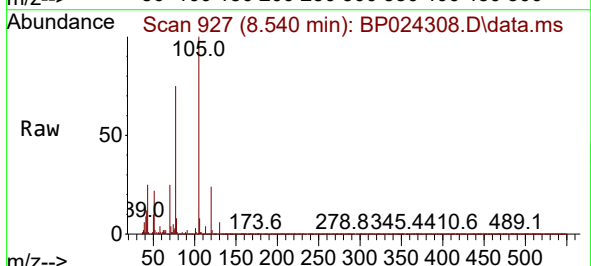
Manual Integrations
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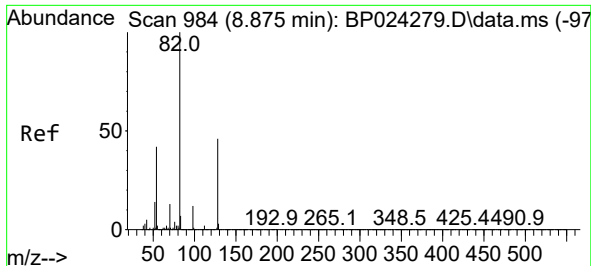
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025



#22
Acetophenone
Concen: 41.537 ng
RT: 8.540 min Scan# 927
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

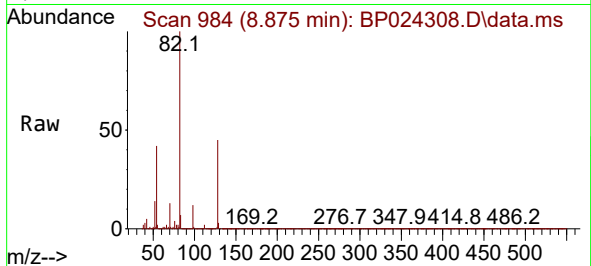
Tgt Ion:105 Resp: 1145214
Ion Ratio Lower Upper
105 100
71 4.1 1.7 2.5#
51 21.8 16.9 25.3
120 23.5 18.6 28.0





#23
Nitrobenzene-d5
Concen: 87.886 ng
RT: 8.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

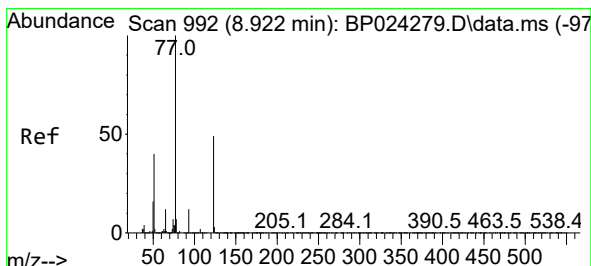
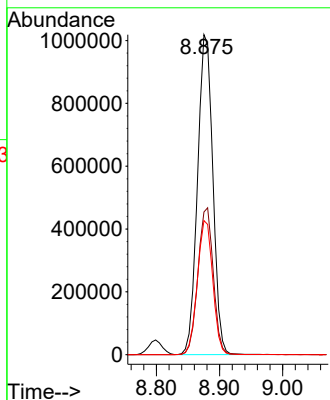
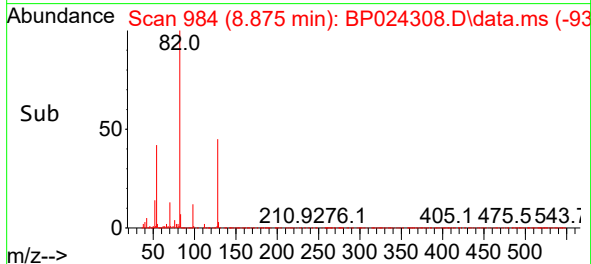
Instrument :
BNA_P
ClientSampleId :
PB167599BSD



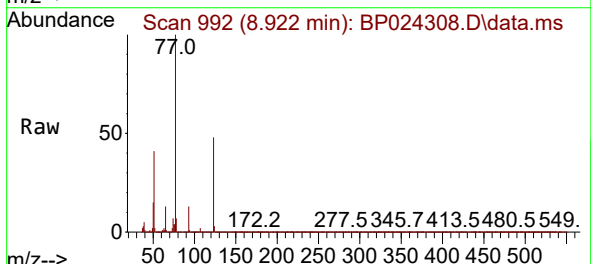
Tgt Ion: 82 Resp: 1716920
Ion Ratio Lower Upper
82 100
128 44.6 36.5 54.7
54 41.9 33.4 50.2

Manual Integrations
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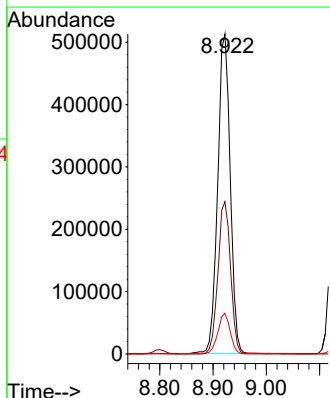
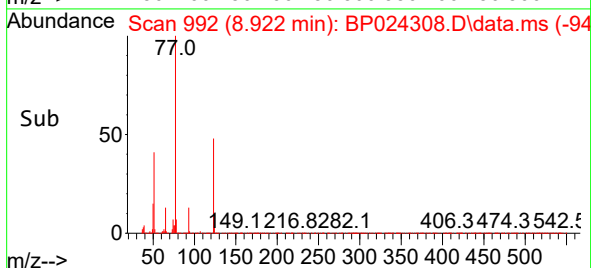
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

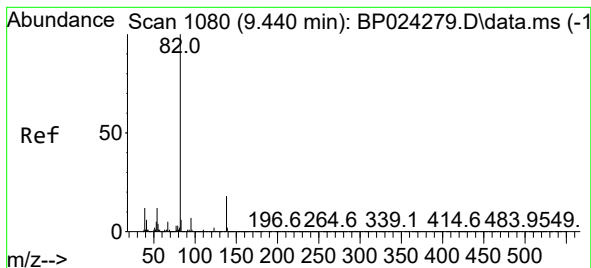


#24
Nitrobenzene
Concen: 43.214 ng
RT: 8.922 min Scan# 992
Delta R.T. 0.000 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26



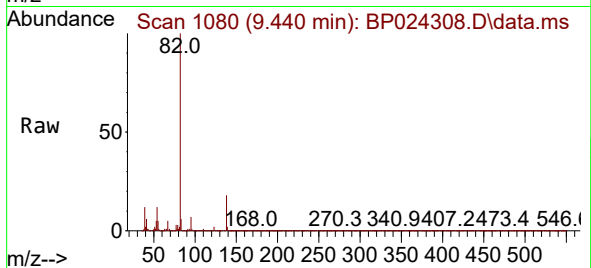
Tgt Ion: 77 Resp: 835146
Ion Ratio Lower Upper
77 100
123 47.6 39.2 58.8
65 12.7 9.8 14.6





#25
Isophorone
Concen: 42.648 ng
RT: 9.440 min Scan# 1080
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

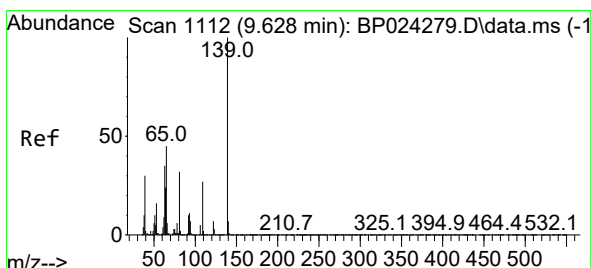
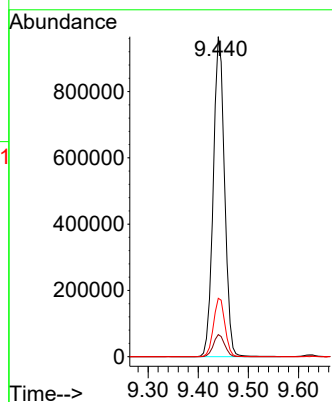
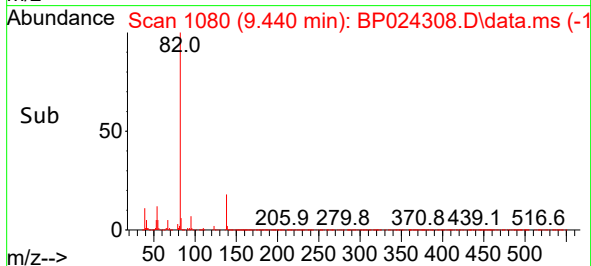
Instrument :
BNA_P
ClientSampleId :
PB167599BSD



Tgt Ion: 82 Resp: 150810
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 18.2 14.4 21.6

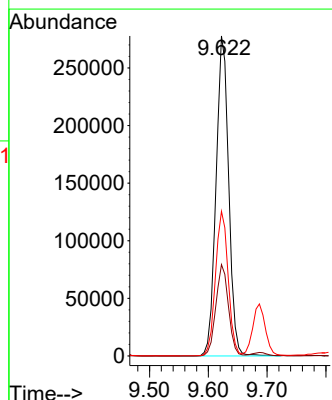
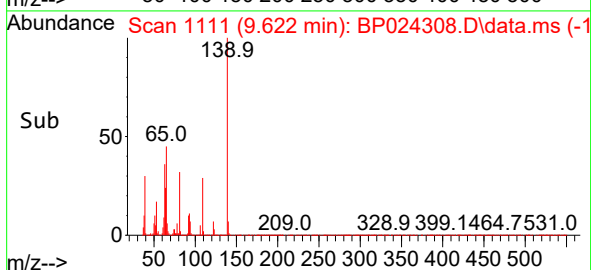
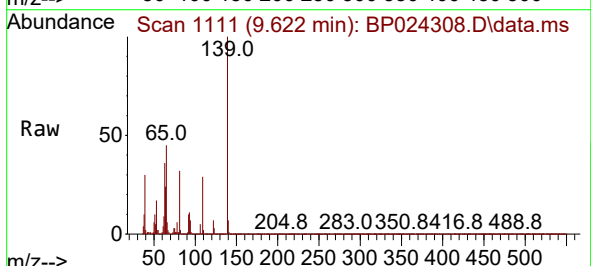
Manual Integrations
APPROVED

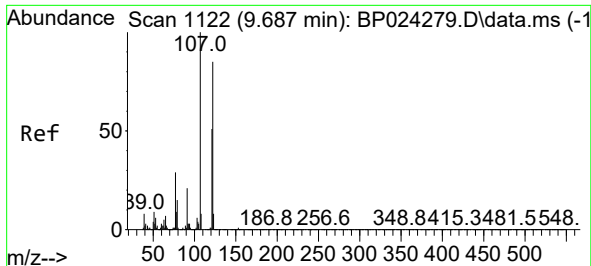
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025



#26
2-Nitrophenol
Concen: 43.931 ng
RT: 9.622 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

Tgt Ion:139 Resp: 415484
Ion Ratio Lower Upper
139 100
109 28.5 21.8 32.6
65 45.2 36.2 54.2





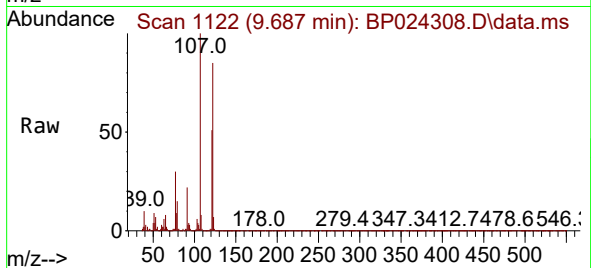
#27
2,4-Dimethylphenol
Concen: 60.180 ng
RT: 9.687 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

Instrument :

BNA_P

ClientSampleId :

PB167599BSD



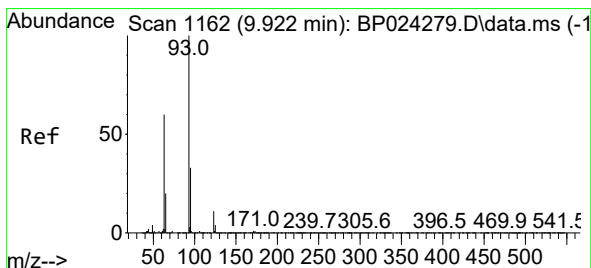
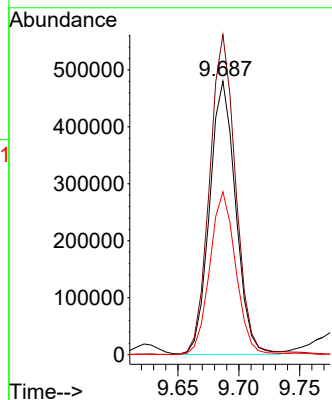
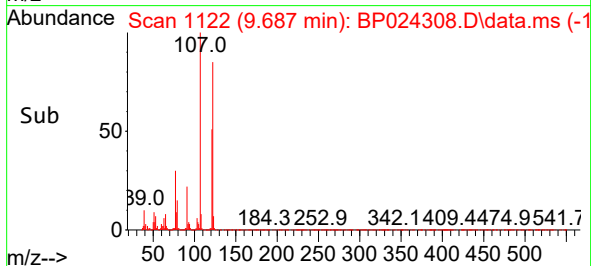
Tgt Ion: 122 Resp: 714650
Ion Ratio Lower Upper
122 100
107 117.0 93.7 140.5
121 59.6 48.2 72.2

Manual Integrations

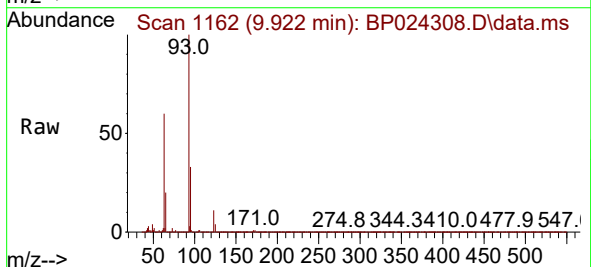
APPROVED

Reviewed By :Rahul Chavli 04/17/2025

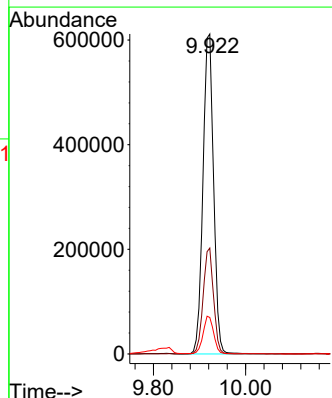
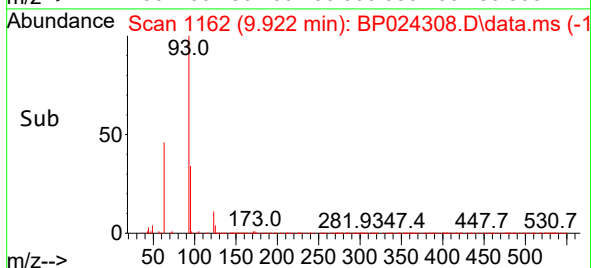
Supervised By :Jagrut Upadhyay 04/17/2025

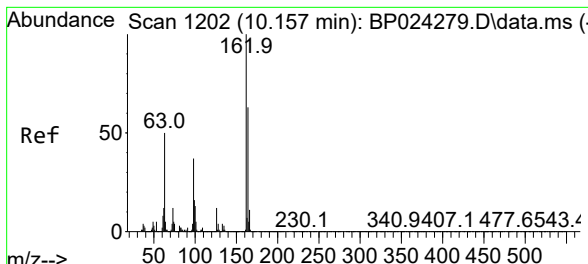


#28
bis(2-Chloroethoxy)methane
Concen: 41.247 ng
RT: 9.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26



Tgt Ion: 93 Resp: 985304
Ion Ratio Lower Upper
93 100
95 33.1 26.0 39.0
123 11.4 9.1 13.7





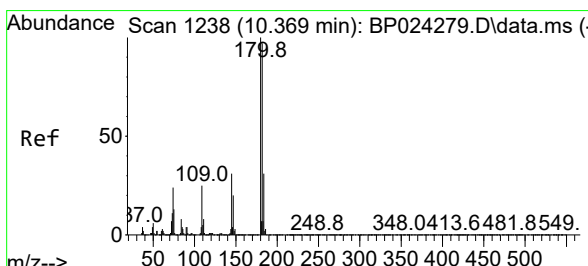
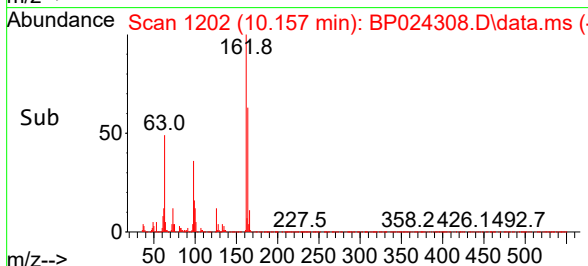
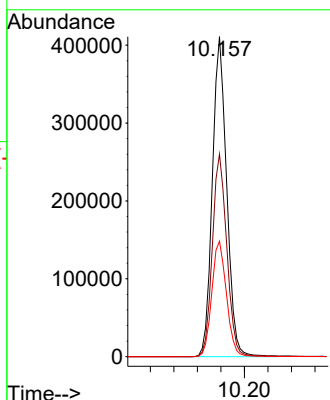
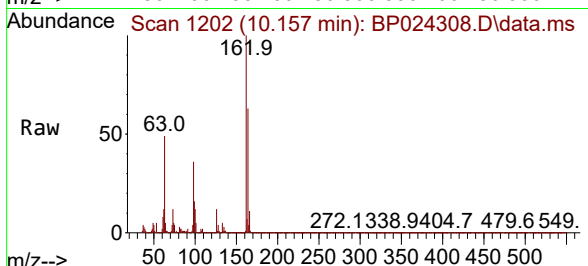
#29
2,4-Dichlorophenol
Concen: 42.924 ng
RT: 10.157 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

Instrument :
BNA_P
ClientSampleId :
PB167599BSD

Tgt Ion:162 Resp: 695019
Ion Ratio Lower Upper
162 100
164 63.3 43.3 83.3
98 36.1 16.6 56.6

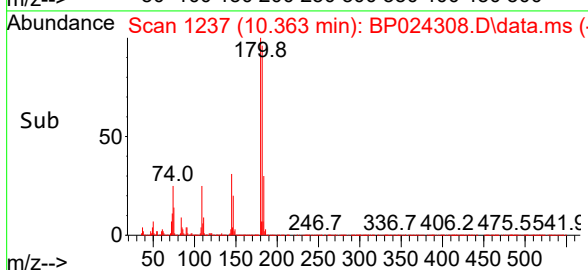
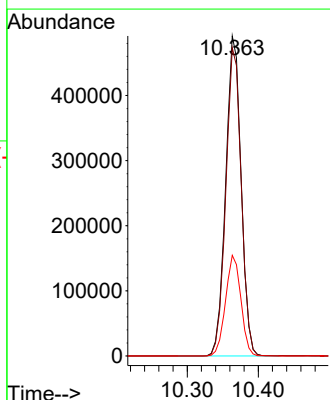
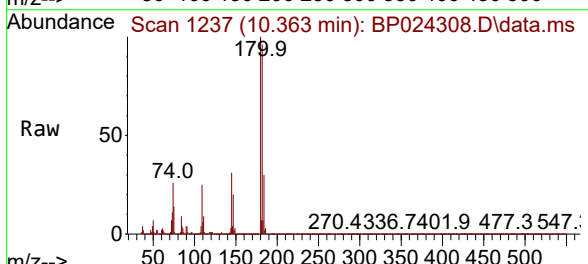
Manual Integrations
APPROVED

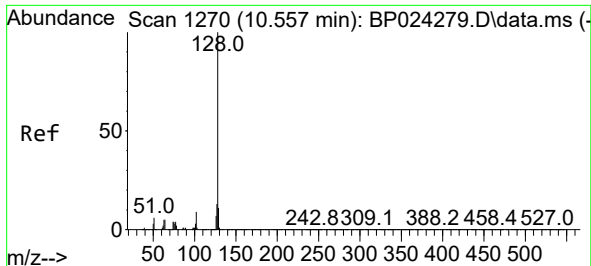
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025



#30
1,2,4-Trichlorobenzene
Concen: 42.555 ng
RT: 10.363 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

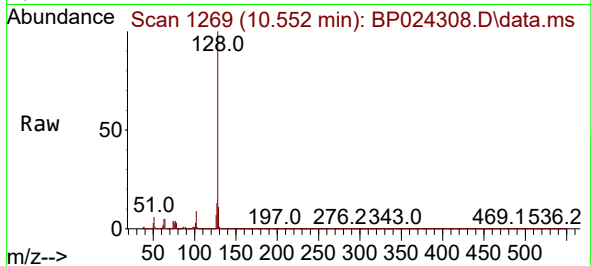
Tgt Ion:180 Resp: 738252
Ion Ratio Lower Upper
180 100
182 96.3 77.3 115.9
145 31.5 25.1 37.7





#31
Naphthalene
Concen: 40.875 ng
RT: 10.552 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

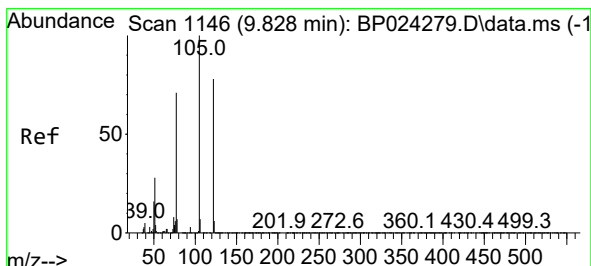
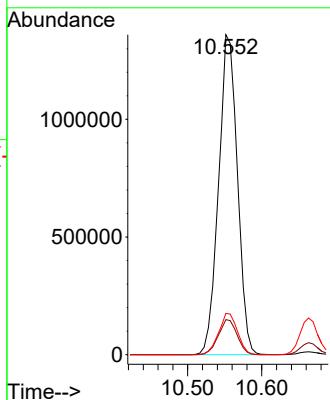
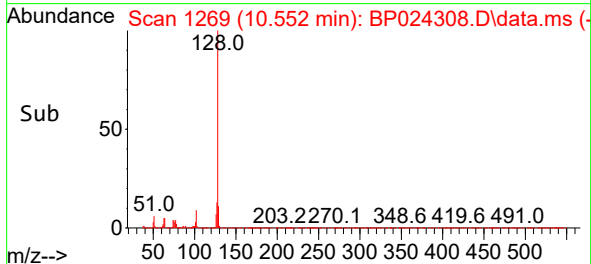
Instrument :
BNA_P
ClientSampleId :
PB167599BSD



Tgt Ion:128 Resp: 2398520
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.9 10.3 15.5

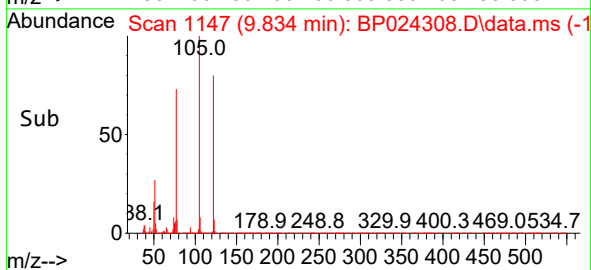
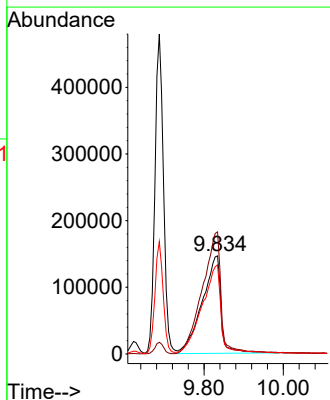
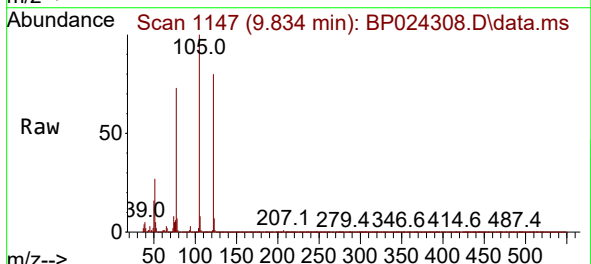
Manual Integrations
APPROVED

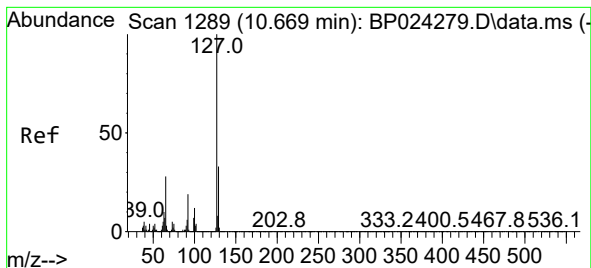
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025



#32
Benzoic acid
Concen: 34.898 ng
RT: 9.834 min Scan# 1147
Delta R.T. -0.041 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

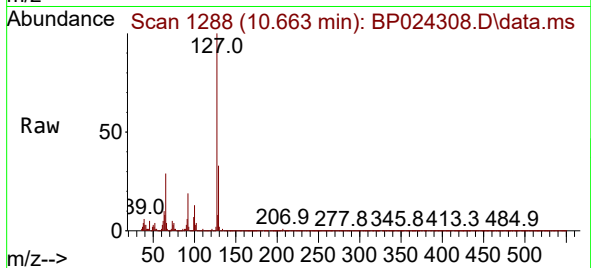
Tgt Ion:122 Resp: 482897
Ion Ratio Lower Upper
122 100
105 124.5 104.8 144.8
77 90.9 69.2 109.2





#33
4-Chloroaniline
Concen: 13.309 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

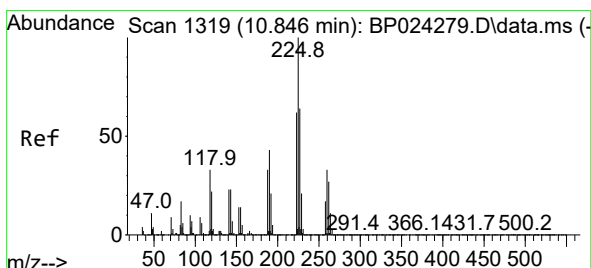
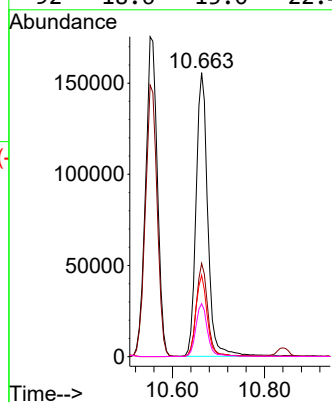
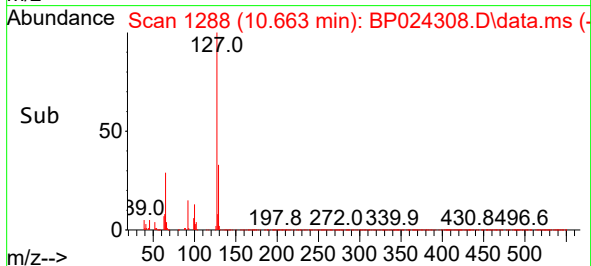
Instrument :
BNA_P
ClientSampleId :
PB167599BSD



Tgt Ion:127 Resp: 275028
Ion Ratio Lower Upper
127 100
129 32.8 26.1 39.1
65 28.7 22.1 33.1
92 18.6 15.0 22.4

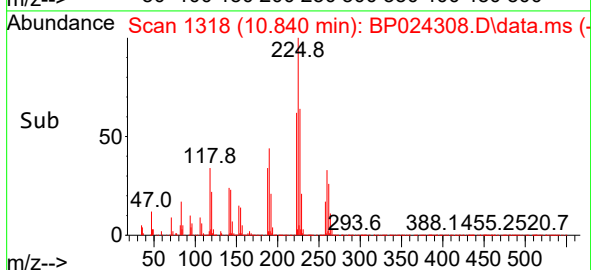
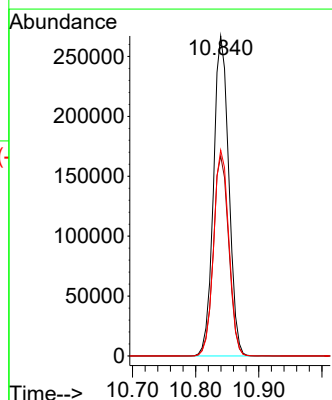
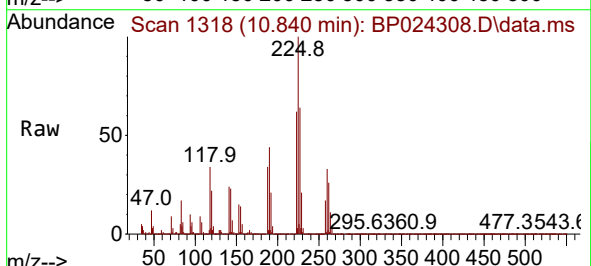
Manual Integrations
APPROVED

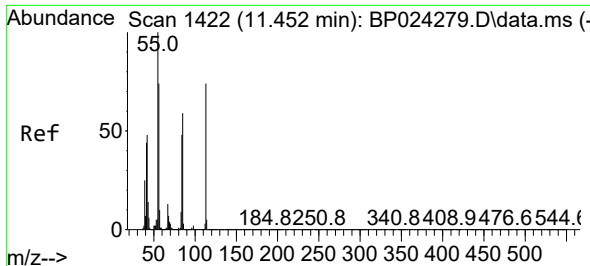
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025



#34
Hexachlorobutadiene
Concen: 44.031 ng
RT: 10.840 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

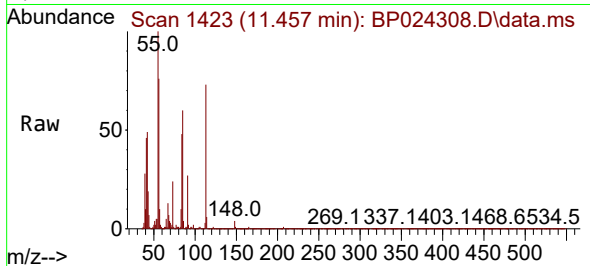
Tgt Ion:225 Resp: 448872
Ion Ratio Lower Upper
225 100
223 62.5 49.5 74.3
227 64.4 50.9 76.3





#35
Caprolactam
Concen: 36.145 ng
RT: 11.457 min Scan# 1422
Delta R.T. -0.023 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

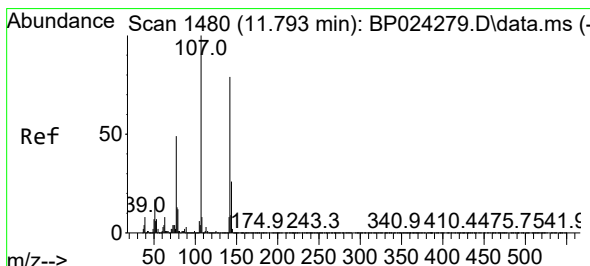
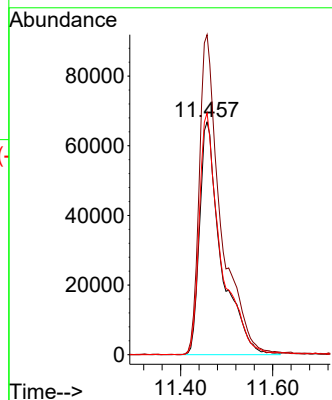
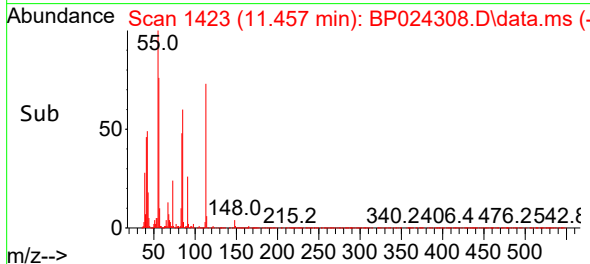
Instrument :
BNA_P
ClientSampleId :
PB167599BSD



Tgt Ion:113 Resp: 215940
Ion Ratio Lower Upper
113 100
55 137.5 115.9 155.9
56 103.9 81.1 121.1

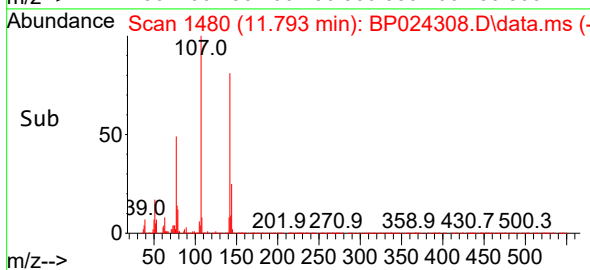
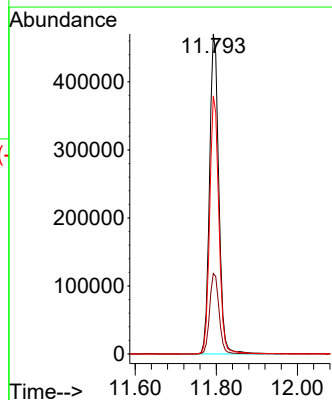
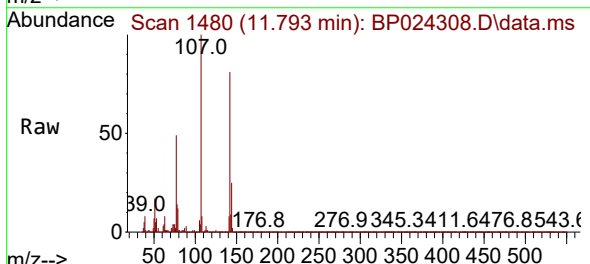
Manual Integrations
APPROVED

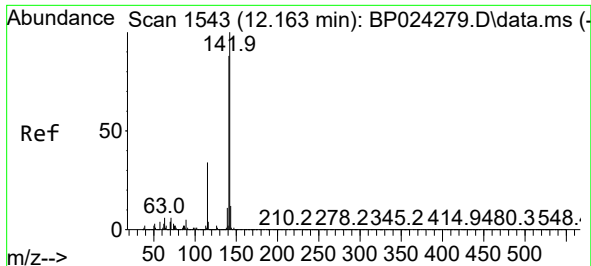
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025



#36
4-Chloro-3-methylphenol
Concen: 39.288 ng
RT: 11.793 min Scan# 1480
Delta R.T. -0.012 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

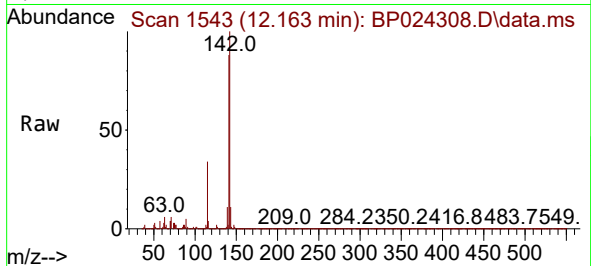
Tgt Ion:107 Resp: 740961
Ion Ratio Lower Upper
107 100
144 25.2 20.5 30.7
142 80.6 63.4 95.2





#37
2-Methylnaphthalene
Concen: 35.856 ng
RT: 12.163 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

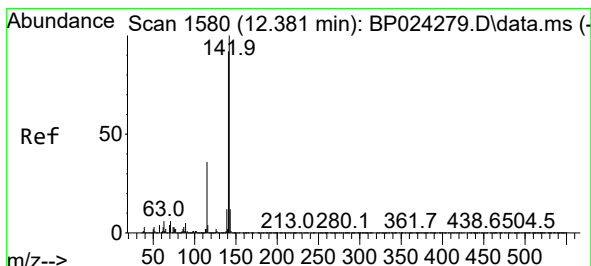
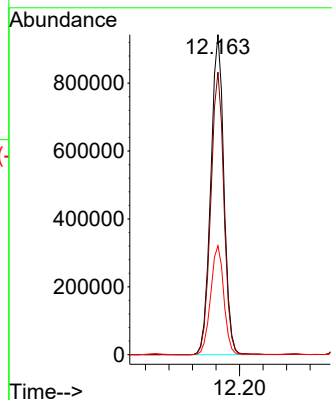
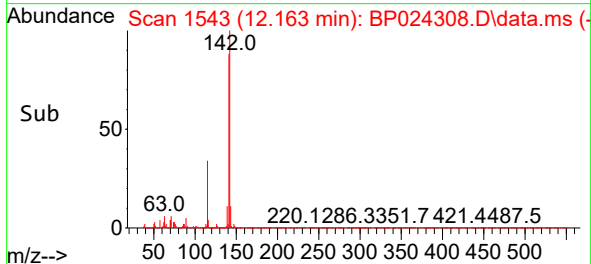
Instrument :
BNA_P
ClientSampleId :
PB167599BSD



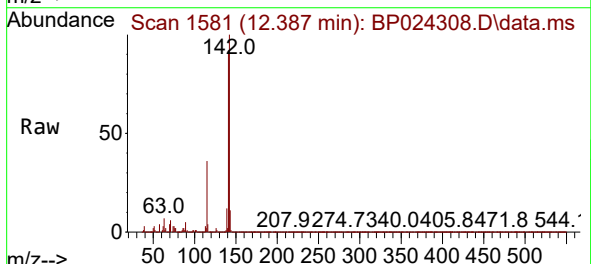
Tgt Ion:142 Resp: 145918
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5
115 34.1 26.9 40.3

Manual Integrations
APPROVED

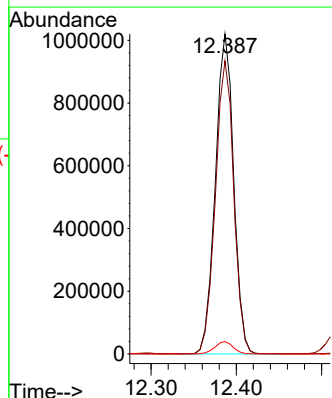
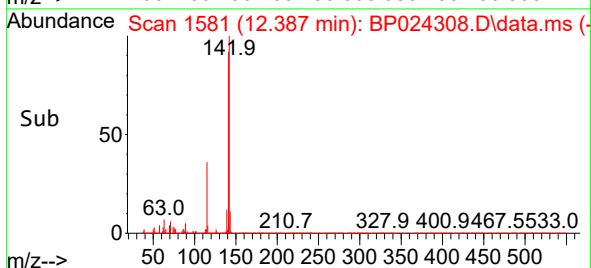
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

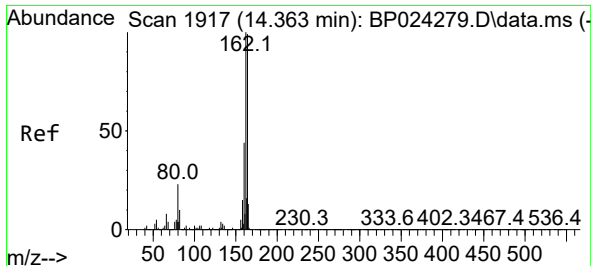


#38
1-Methylnaphthalene
Concen: 38.190 ng
RT: 12.387 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26



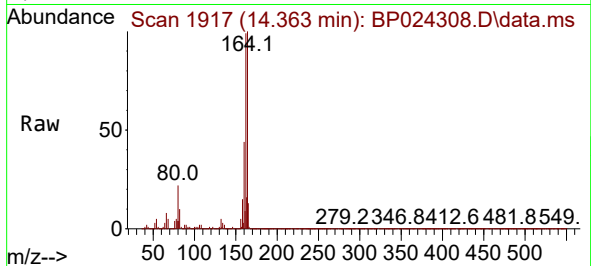
Tgt Ion:142 Resp: 1520396
Ion Ratio Lower Upper
142 100
141 91.6 73.6 110.4
116 3.9 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

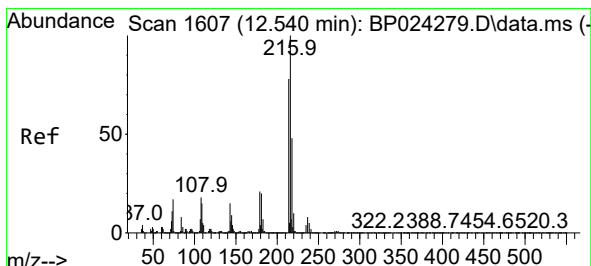
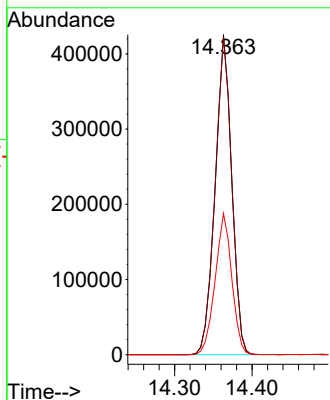
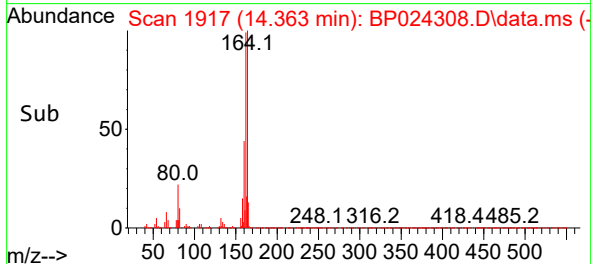
Instrument :
BNA_P
ClientSampleId :
PB167599BSD



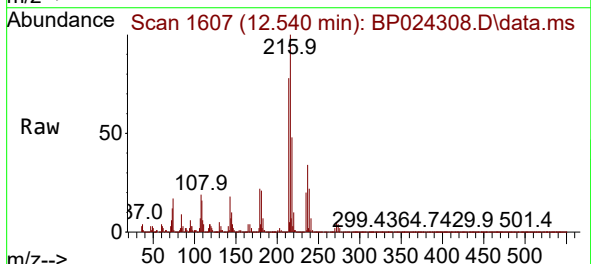
Tgt Ion:164 Resp: 629539
Ion Ratio Lower Upper
164 100
162 99.3 80.6 120.8
160 44.2 35.3 52.9

Manual Integrations
APPROVED

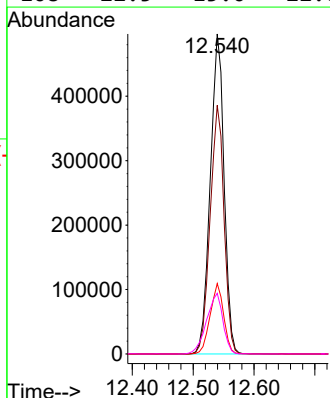
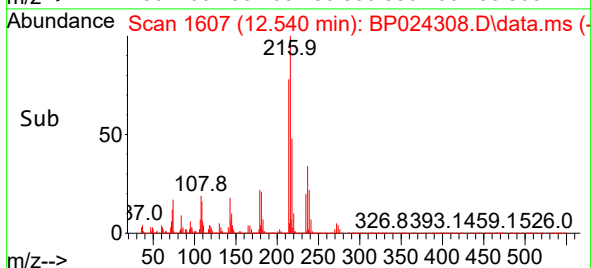
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

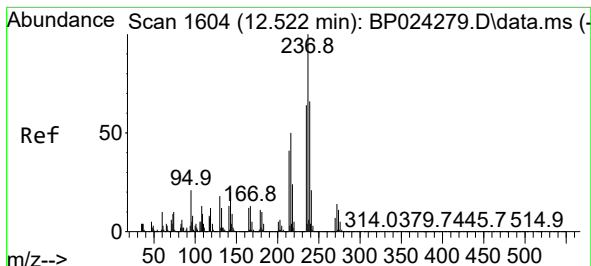


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.149 ng
RT: 12.540 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26



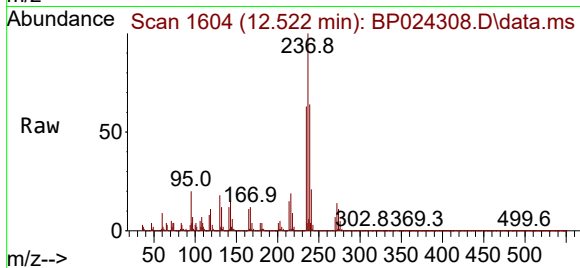
Tgt Ion:216 Resp: 781643
Ion Ratio Lower Upper
216 100
214 78.4 62.6 93.8
179 21.5 17.2 25.8
108 22.5 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 187.062 ng
RT: 12.522 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

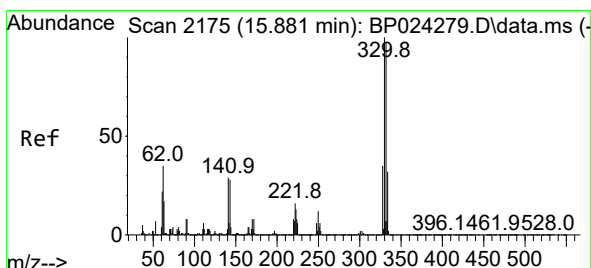
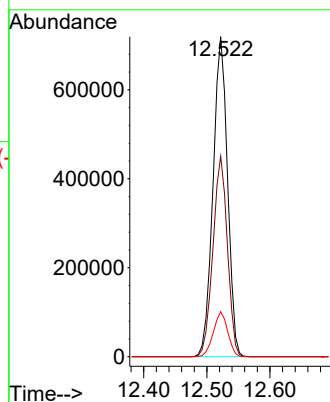
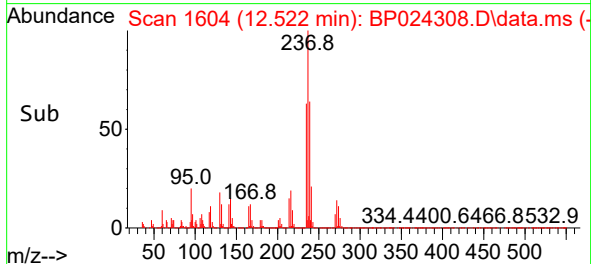
Instrument :
BNA_P
ClientSampleId :
PB167599BSD



Tgt Ion: 237 Resp: 114536
Ion Ratio Lower Upper
237 100
235 62.7 43.9 83.9
272 14.0 0.0 33.6

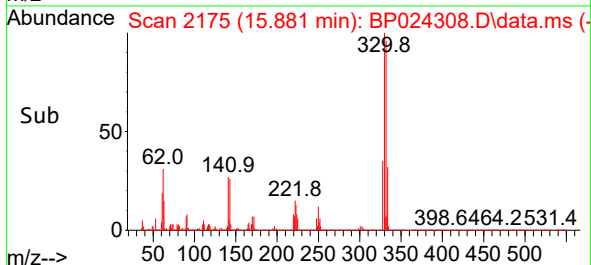
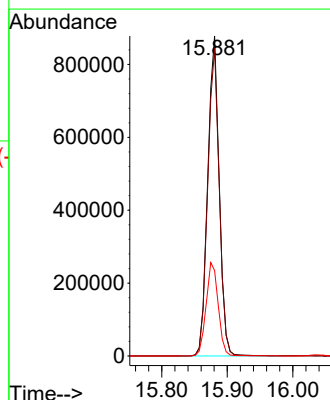
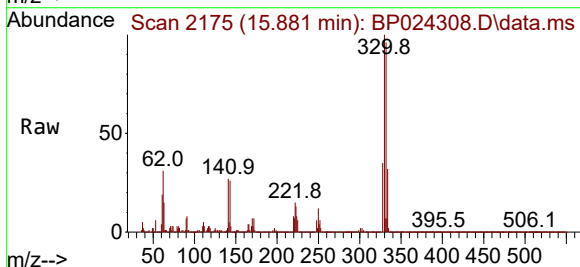
Manual Integrations
APPROVED

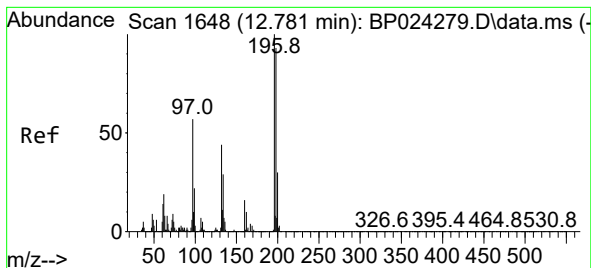
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025



#42
2,4,6-Tribromophenol
Concen: 123.480 ng
RT: 15.881 min Scan# 2175
Delta R.T. -0.012 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

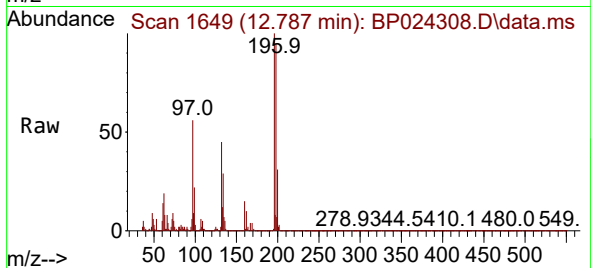
Tgt Ion: 330 Resp: 1075516
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 30.7 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 45.609 ng
RT: 12.787 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

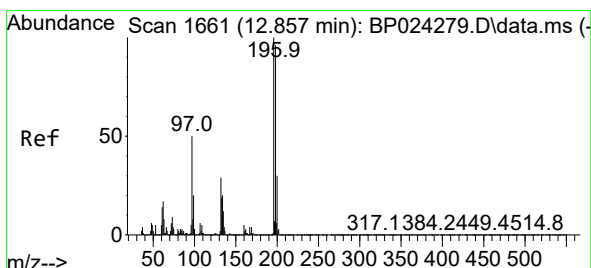
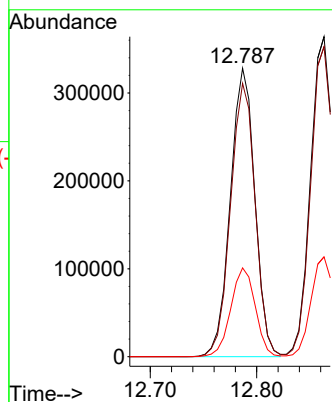
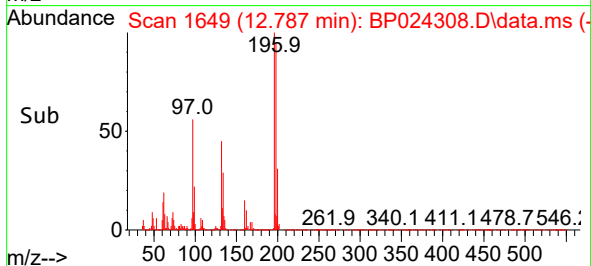
Instrument :
BNA_P
ClientSampleId :
PB167599BSD



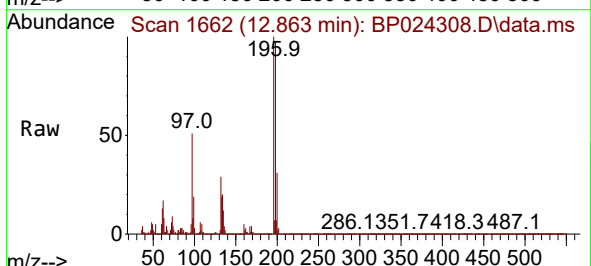
Tgt Ion:196 Resp: 524970
Ion Ratio Lower Upper
196 100
198 94.7 74.3 111.5
200 30.8 24.0 36.0

Manual Integrations
APPROVED

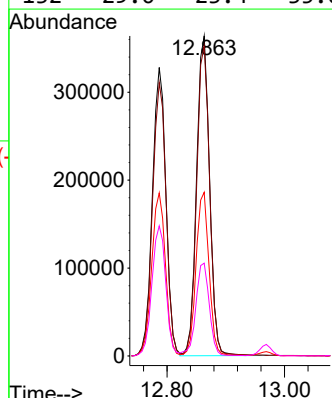
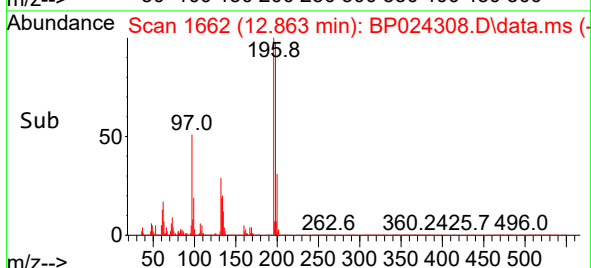
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

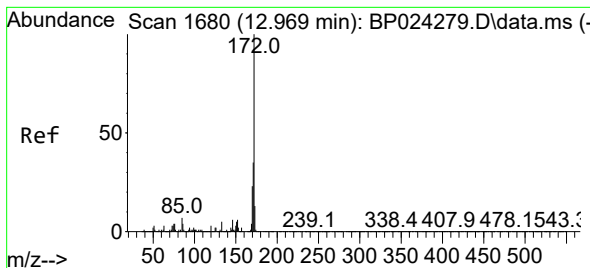


#44
2,4,5-Trichlorophenol
Concen: 44.050 ng
RT: 12.863 min Scan# 1662
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26



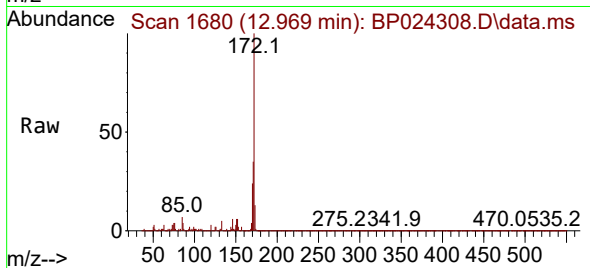
Tgt Ion:196 Resp: 561470
Ion Ratio Lower Upper
196 100
198 96.9 77.3 115.9
97 51.2 40.4 60.6
132 29.0 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 87.751 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

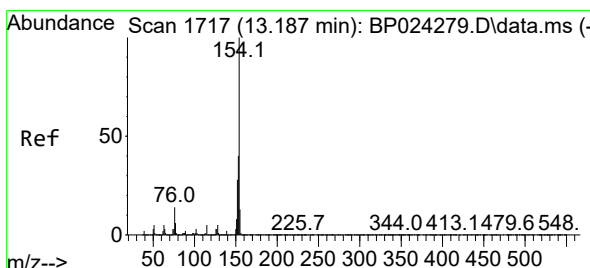
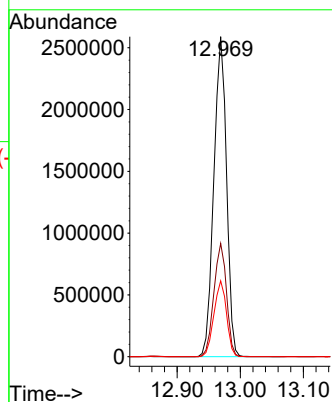
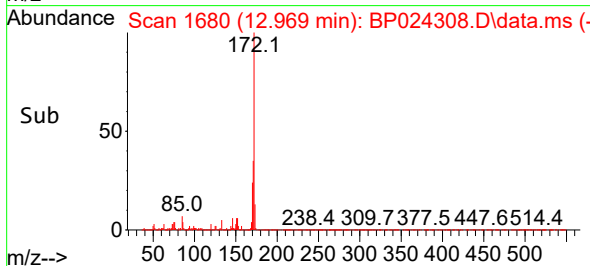
Instrument :
BNA_P
ClientSampleId :
PB167599BSD



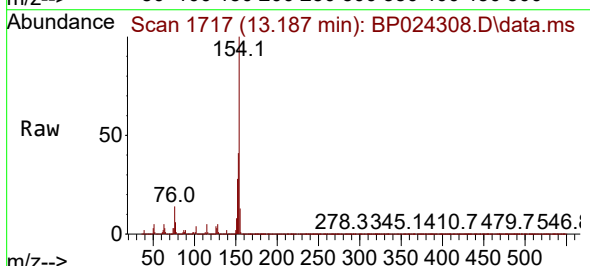
Tgt Ion:172 Resp: 3607990
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.7 18.6 27.8

Manual Integrations
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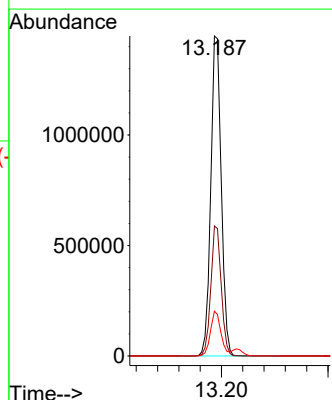
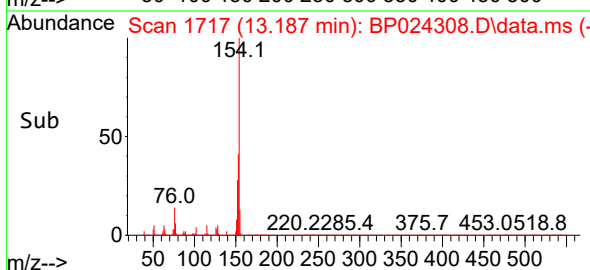
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

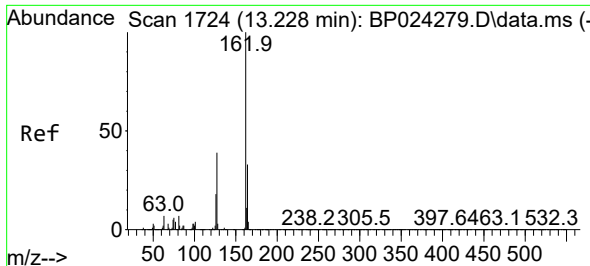


#46
1,1'-Biphenyl
Concen: 42.837 ng
RT: 13.187 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26



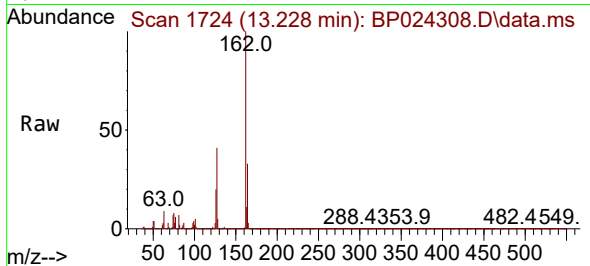
Tgt Ion:154 Resp: 1982266
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 14.0 0.0 33.5





#47
2-Chloronaphthalene
Concen: 43.914 ng
RT: 13.228 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

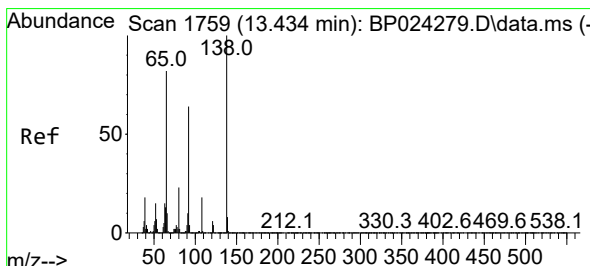
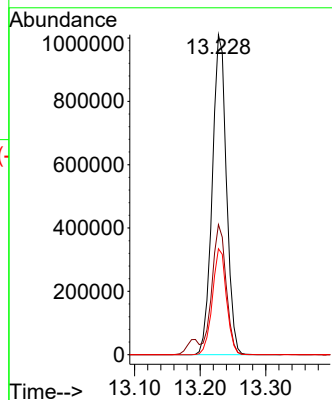
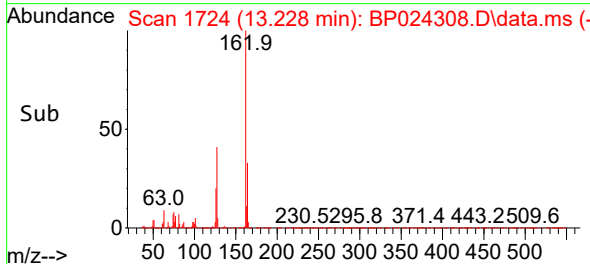
Instrument :
BNA_P
ClientSampleId :
PB167599BSD



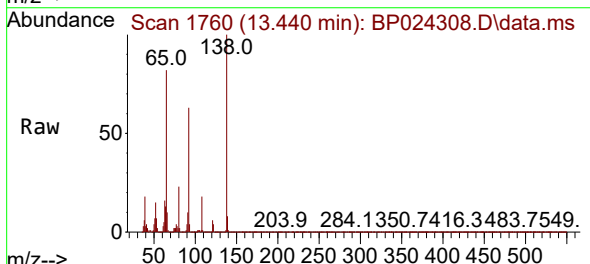
Tgt Ion:162 Resp: 1518750
Ion Ratio Lower Upper
162 100
127 40.7 31.9 47.9
164 33.1 26.2 39.4

Manual Integrations
APPROVED

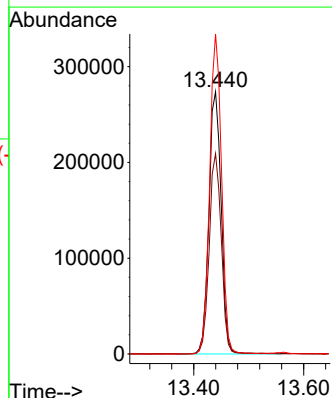
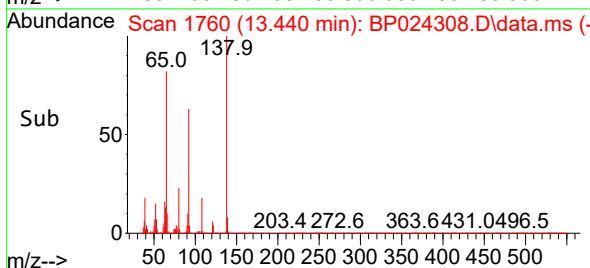
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

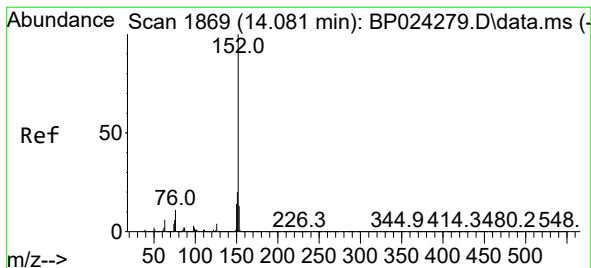


#48
2-Nitroaniline
Concen: 43.579 ng
RT: 13.440 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26



Tgt Ion: 65 Resp: 422765
Ion Ratio Lower Upper
65 100
92 76.4 62.3 93.5
138 122.0 97.2 145.8





#49

Acenaphthylene

Concen: 45.509 ng

RT: 14.081 min Scan# 1869

Delta R.T. -0.006 min

Lab File: BP024308.D

Acq: 16 Apr 2025 12:26

Instrument :

BNA_P

ClientSampleId :

PB167599BSD

Tgt Ion:152 Resp: 2478028

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

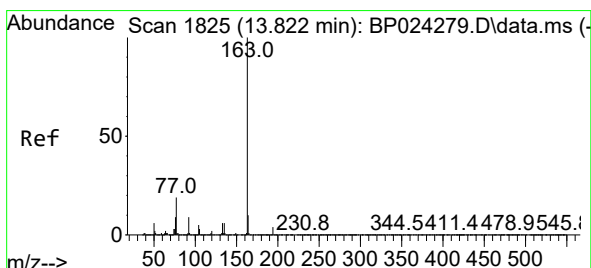
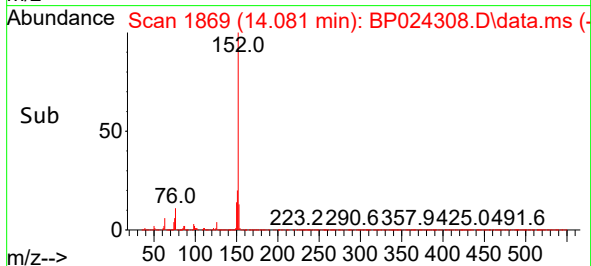
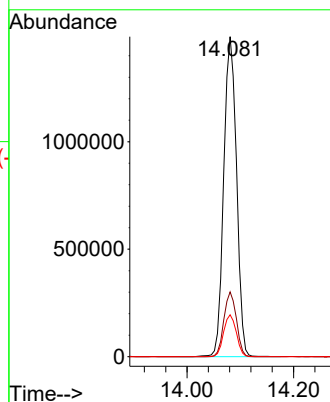
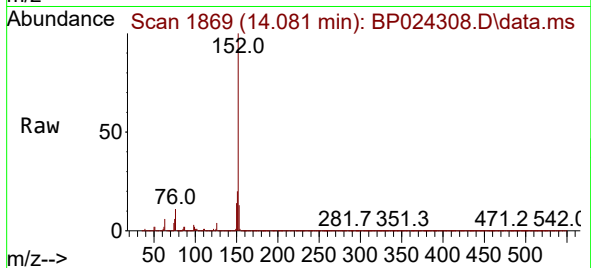
153 13.1 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 04/17/2025

Supervised By :Jagrut Upadhyay 04/17/2025



#50

Dimethylphthalate

Concen: 39.386 ng

RT: 13.822 min Scan# 1825

Delta R.T. -0.012 min

Lab File: BP024308.D

Acq: 16 Apr 2025 12:26

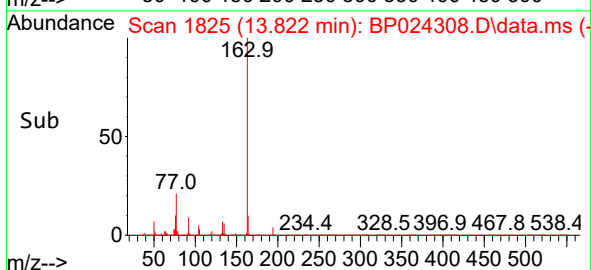
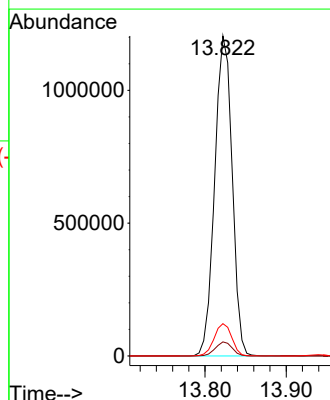
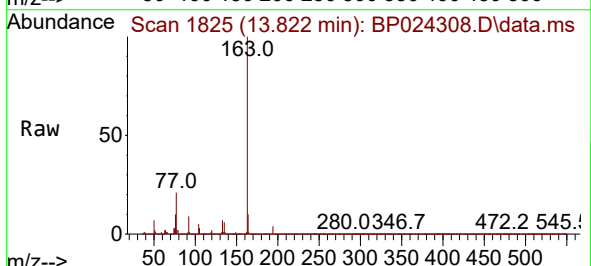
Tgt Ion:163 Resp: 1803151

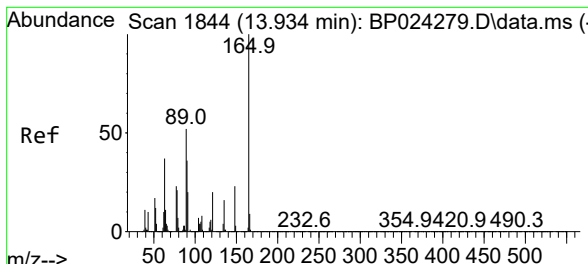
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 10.1 8.0 12.0





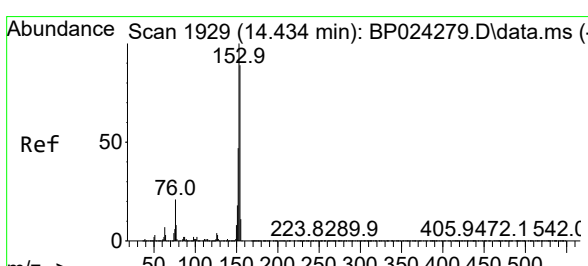
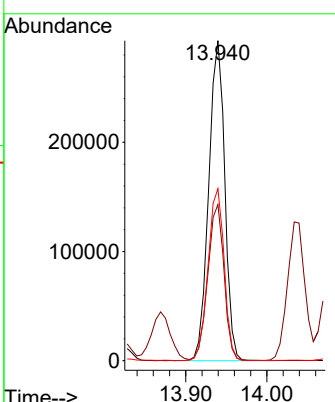
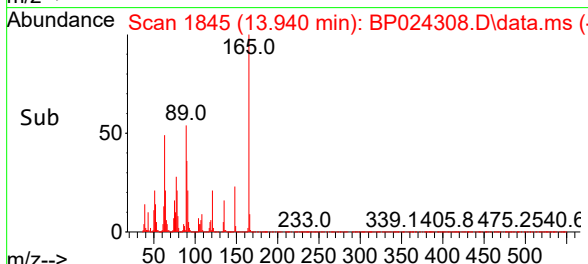
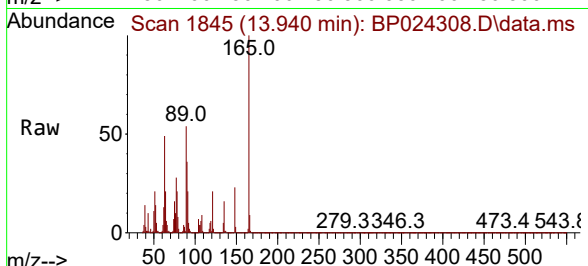
#51
 2,6-Dinitrotoluene
 Concen: 41.328 ng
 RT: 13.940 min Scan# 1845
 Delta R.T. -0.006 min
 Lab File: BP024308.D
 Acq: 16 Apr 2025 12:26

Instrument : BNA_P
 ClientSampleId : PB167599BSD

Tgt Ion:	165	Resp:	40177
Ion Ratio	Lower	Upper	
165	100		
63	48.8	38.0	57.0
89	53.7	41.7	62.5

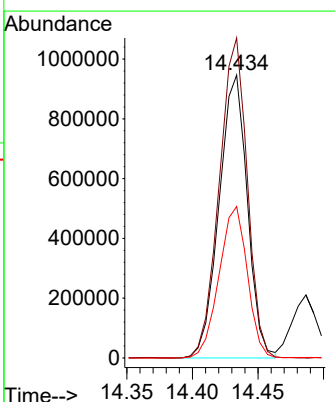
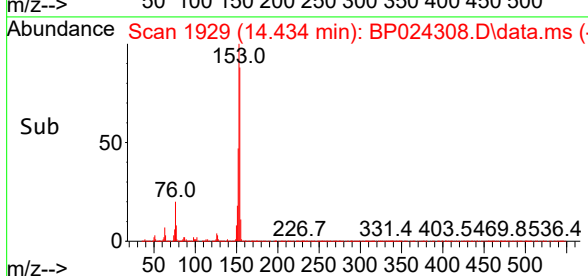
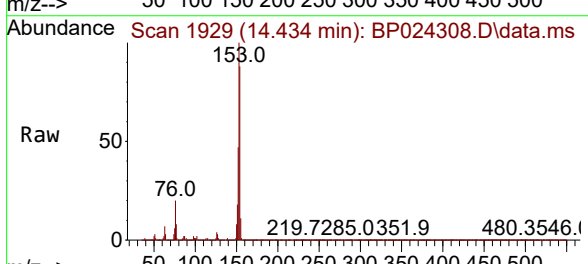
Manual Integrations
 APPROVED

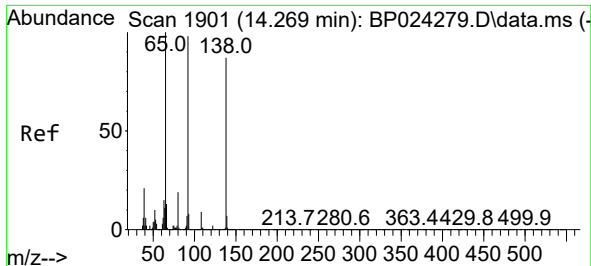
Reviewed By :Rahul Chavli 04/17/2025
 Supervised By :Jagrut Upadhyay 04/17/2025



#52
 Acenaphthene
 Concen: 41.090 ng
 RT: 14.434 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BP024308.D
 Acq: 16 Apr 2025 12:26

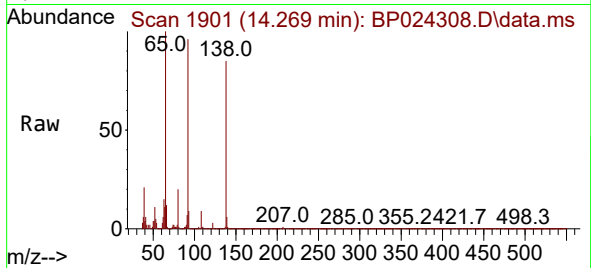
Tgt Ion:	154	Resp:	1418462
Ion Ratio	Lower	Upper	
154	100		
153	113.1	89.8	134.6
152	53.5	42.6	63.8





#53
3-Nitroaniline
Concen: 18.472 ng
RT: 14.269 min Scan# 1901
Delta R.T. -0.012 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

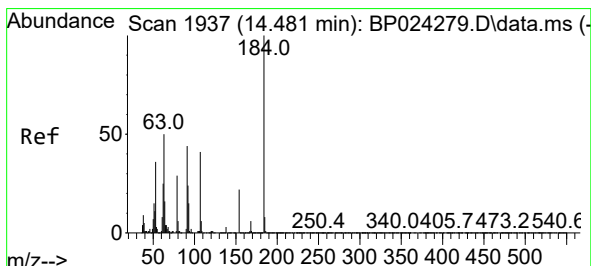
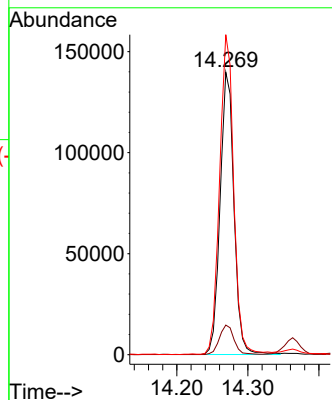
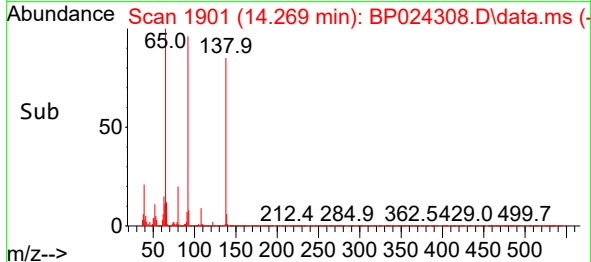
Instrument :
BNA_P
ClientSampleId :
PB167599BSD



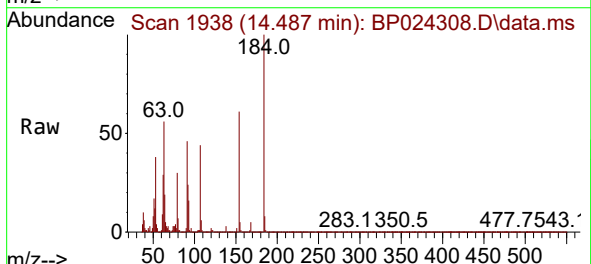
Tgt Ion:138 Resp: 18873
Ion Ratio Lower Upper
138 100
108 10.5 8.3 12.5
92 113.3 89.8 134.8

Manual Integrations
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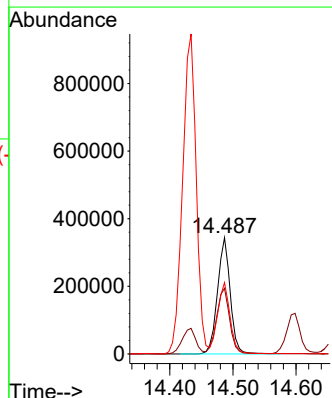
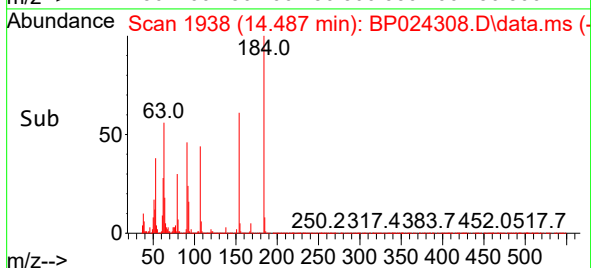
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

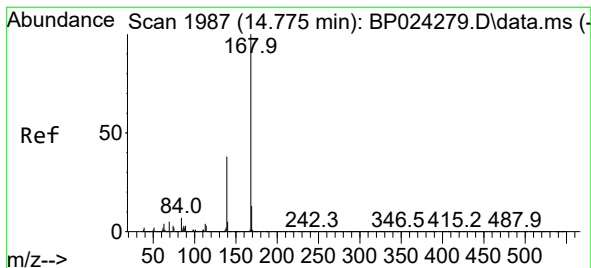


#54
2,4-Dinitrophenol
Concen: 84.454 ng
RT: 14.487 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26



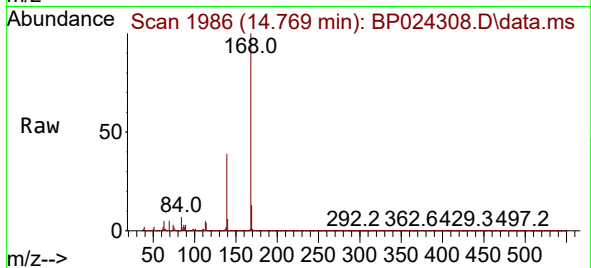
Tgt Ion:184 Resp: 483623
Ion Ratio Lower Upper
184 100
63 56.3 42.6 64.0
154 61.3 47.2 70.8





#55
Dibenzenofuran
Concen: 39.086 ng
RT: 14.769 min Scan# 1986
Delta R.T. -0.012 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

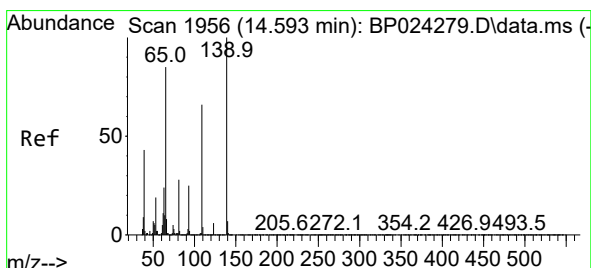
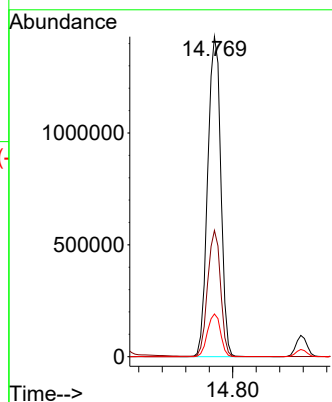
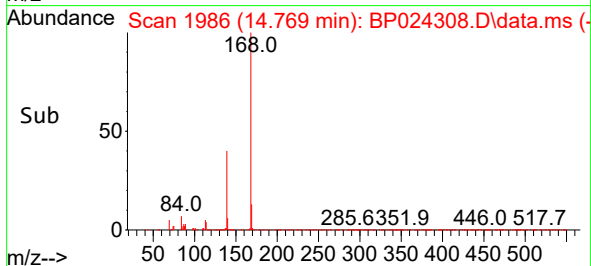
Instrument :
BNA_P
ClientSampleId :
PB167599BSD



Tgt Ion:168 Resp: 2205474
Ion Ratio Lower Upper
168 100
139 39.5 30.3 45.5
169 13.3 10.6 16.0

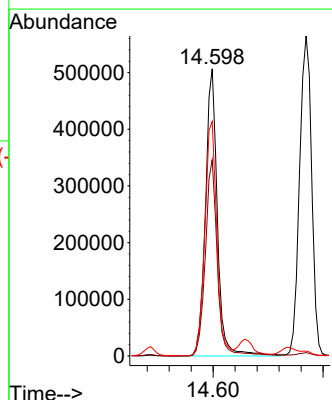
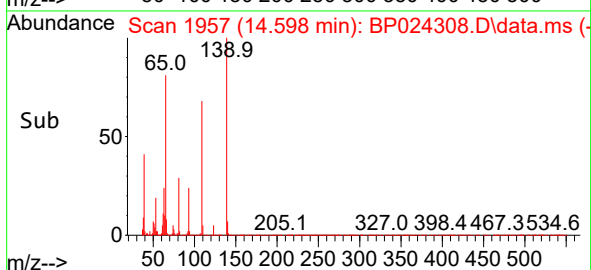
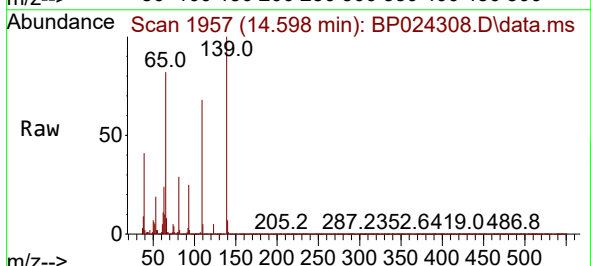
Manual Integrations
APPROVED

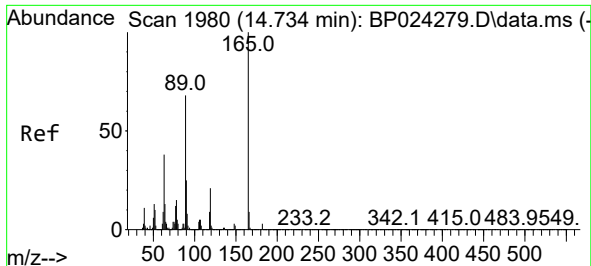
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025



#56
4-Nitrophenol
Concen: 86.245 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

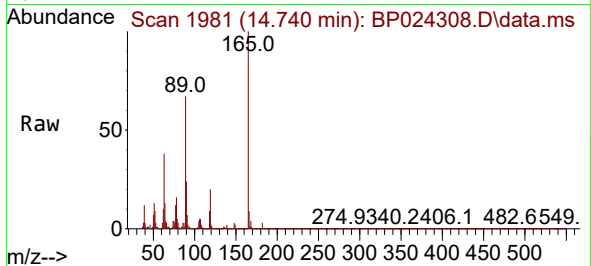
Tgt Ion:139 Resp: 761058
Ion Ratio Lower Upper
139 100
109 68.3 46.1 86.1
65 81.6 65.0 105.0





#57
2,4-Dinitrotoluene
Concen: 41.991 ng
RT: 14.740 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

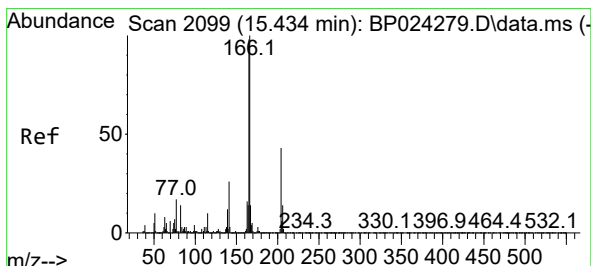
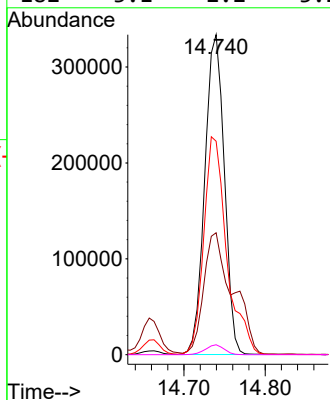
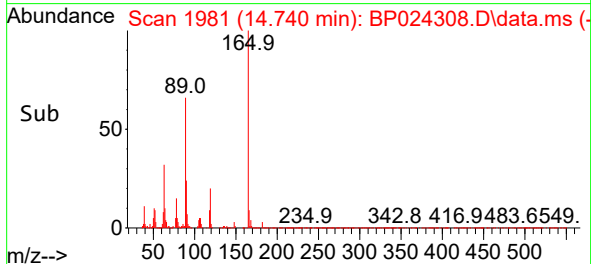
Instrument :
BNA_P
ClientSampleId :
PB167599BSD



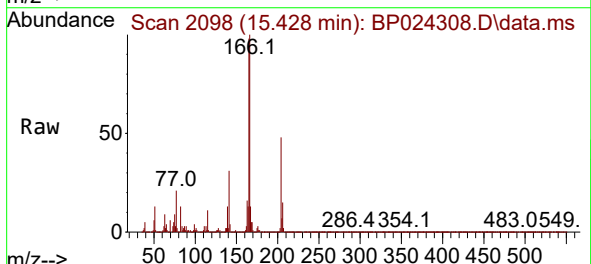
Tgt Ion:165 Resp: 556850
Ion Ratio Lower Upper
165 100
63 38.1 30.4 45.6
89 66.7 54.6 82.0
182 3.1 2.2 3.2

Manual Integrations
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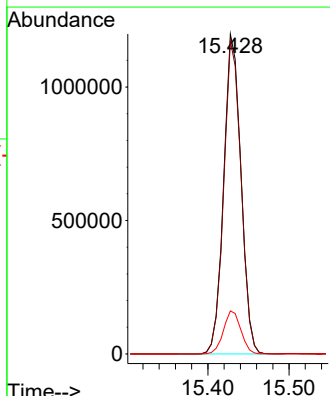
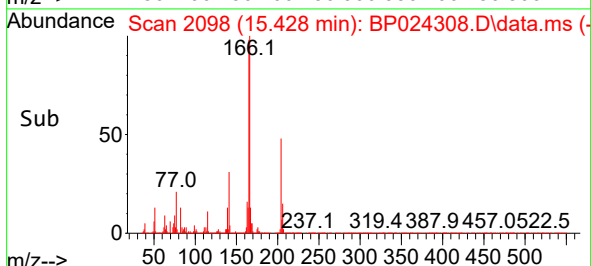
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

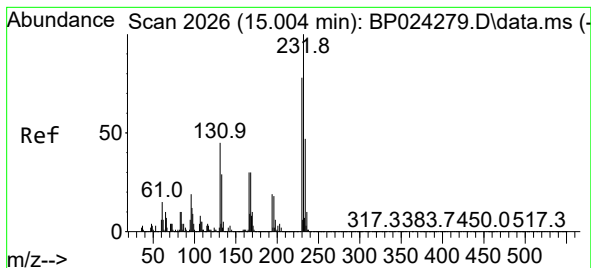


#58
Fluorene
Concen: 40.734 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26



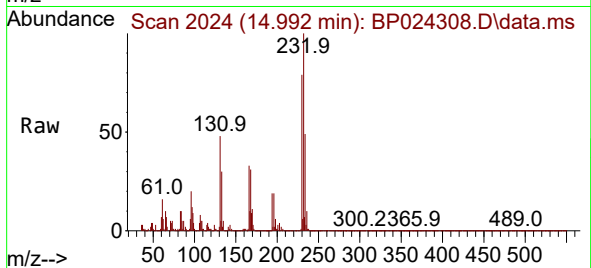
Tgt Ion:166 Resp: 1779287
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.376 ng
RT: 14.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

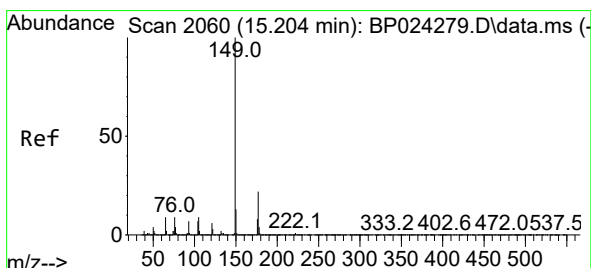
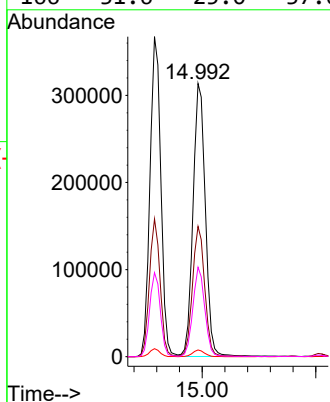
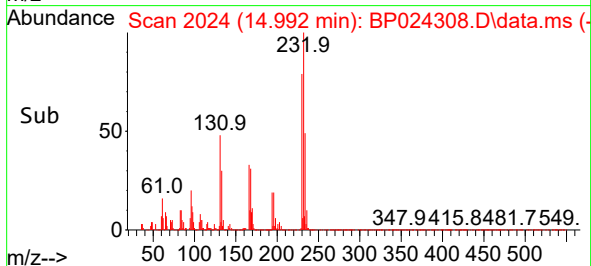
Instrument :
BNA_P
ClientSampleId :
PB167599BSD



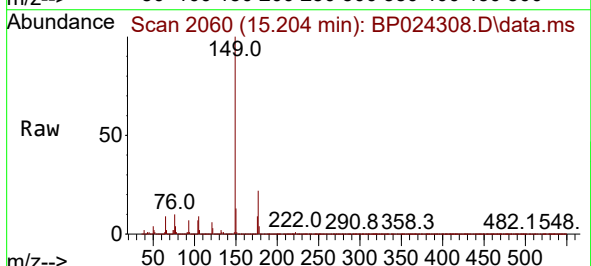
Tgt Ion:232 Resp: 474658
Ion Ratio Lower Upper
232 100
131 47.1 36.8 55.2
130 2.4 1.9 2.9
166 31.6 25.0 37.6

Manual Integrations
APPROVED

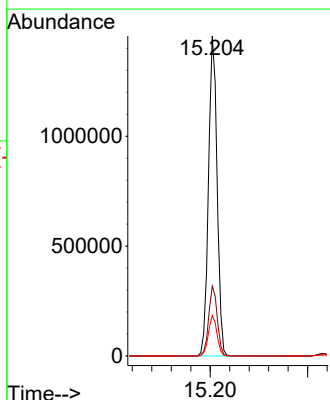
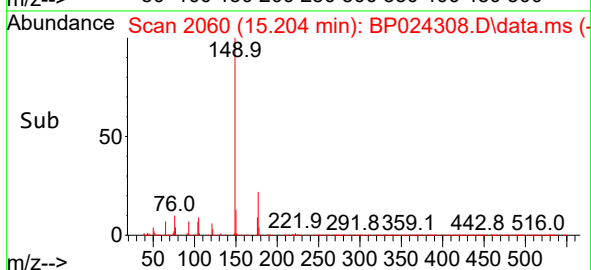
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

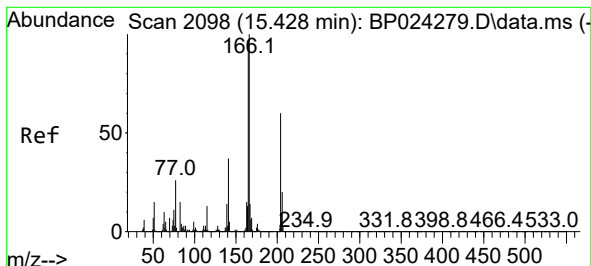


#60
Diethylphthalate
Concen: 37.582 ng
RT: 15.204 min Scan# 2060
Delta R.T. -0.018 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26



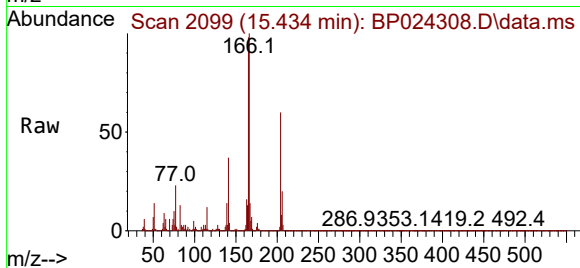
Tgt Ion:149 Resp: 1773064
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.2
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.097 ng
RT: 15.434 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

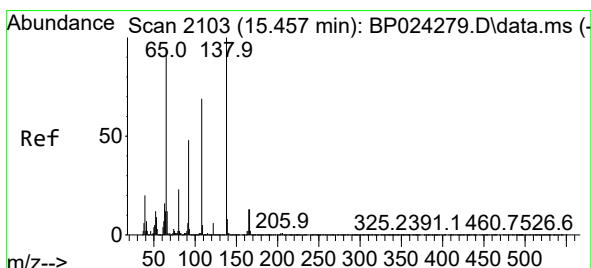
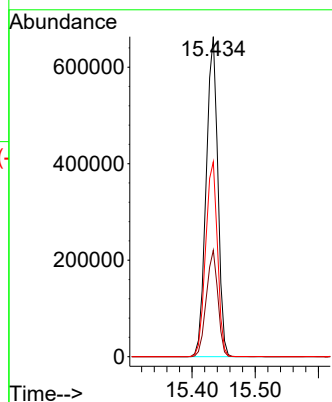
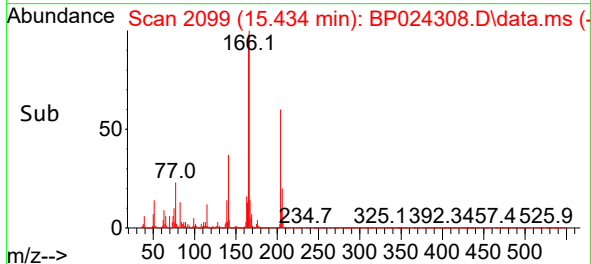
Instrument :
BNA_P
ClientSampleId :
PB167599BSD



Tgt Ion:204 Resp: 85051
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 60.9 49.4 74.0

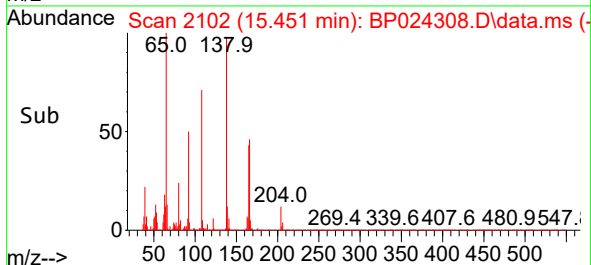
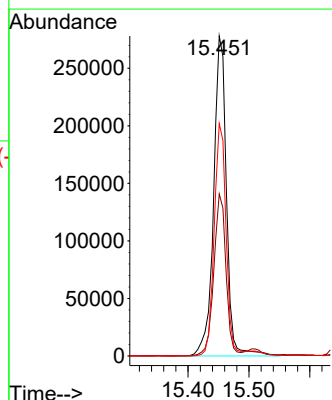
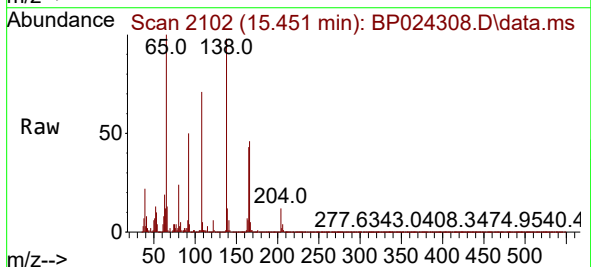
Manual Integrations
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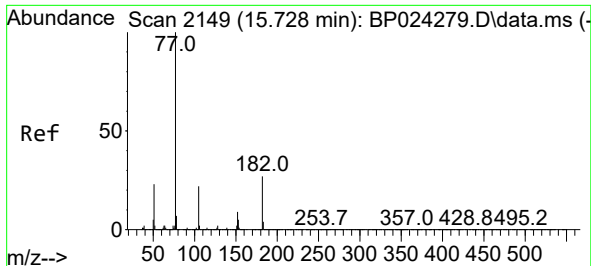
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025



#62
4-Nitroaniline
Concen: 37.750 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.018 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

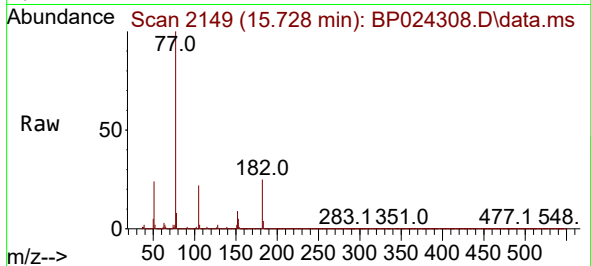
Tgt Ion:138 Resp: 408319
Ion Ratio Lower Upper
138 100
92 50.7 27.8 67.8
108 72.6 48.9 88.9





#63
Azobenzene
Concen: 39.229 ng
RT: 15.728 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

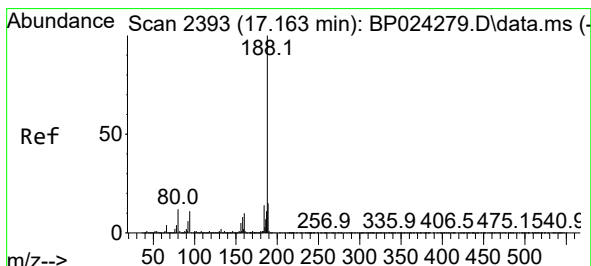
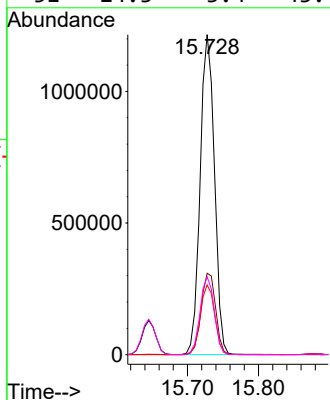
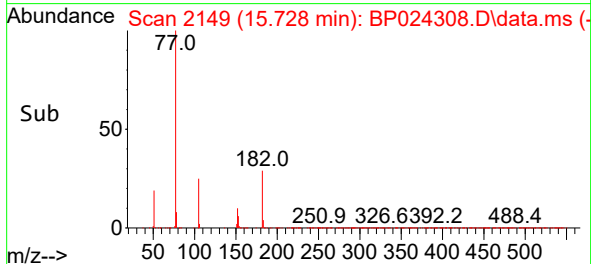
Instrument :
BNA_P
ClientSampleId :
PB167599BSD



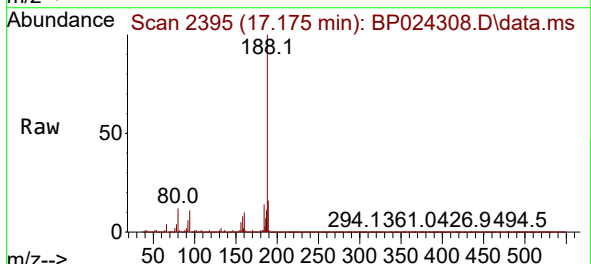
Tgt Ion: 77 Resp: 170107
Ion Ratio Lower Upper
77 100
182 25.5 7.3 47.3
105 21.8 2.3 42.3
51 24.3 3.4 43.4

Manual Integrations
APPROVED

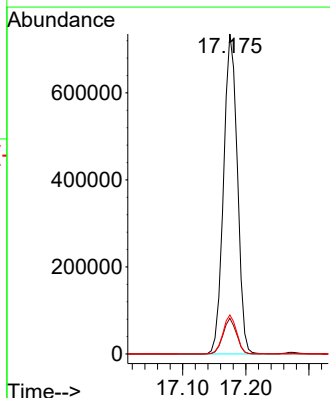
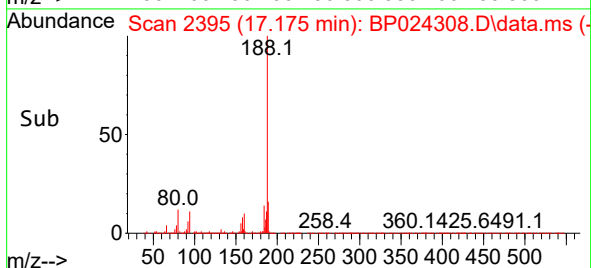
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

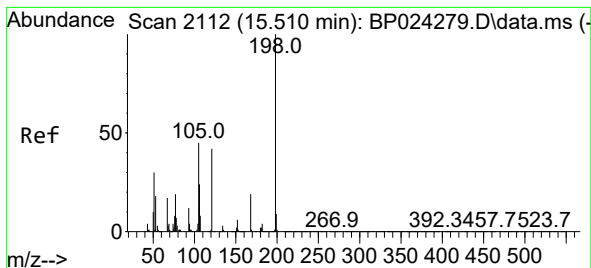


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26



Tgt Ion:188 Resp: 1114867
Ion Ratio Lower Upper
188 100
94 11.1 8.6 13.0
80 12.2 9.8 14.6





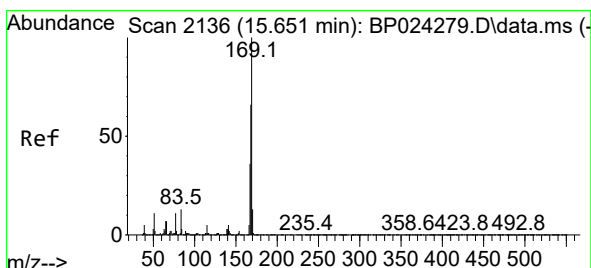
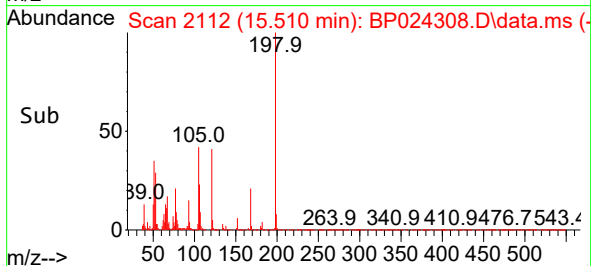
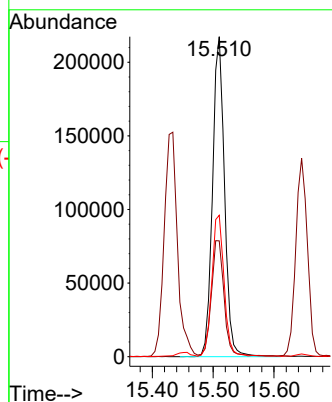
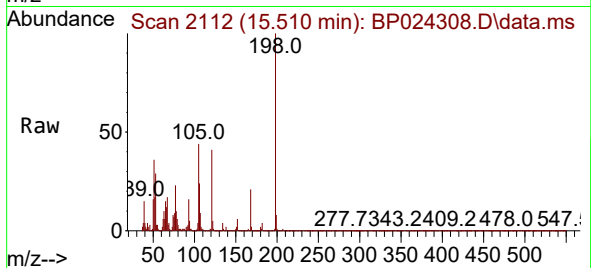
#65
4,6-Dinitro-2-methylphenol
Concen: 42.322 ng
RT: 15.510 min Scan# 2112
Delta R.T. -0.018 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

Instrument :
BNA_P
ClientSampleId :
PB167599BSD

Tgt Ion:198 Resp: 297472
Ion Ratio Lower Upper
198 100
51 36.2 18.4 58.4
105 44.2 26.5 66.5

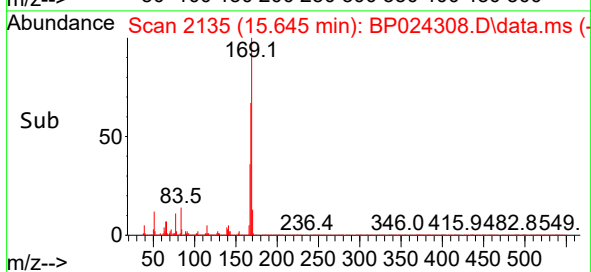
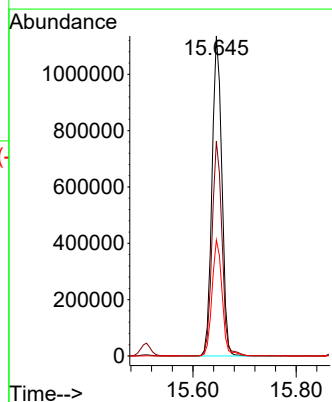
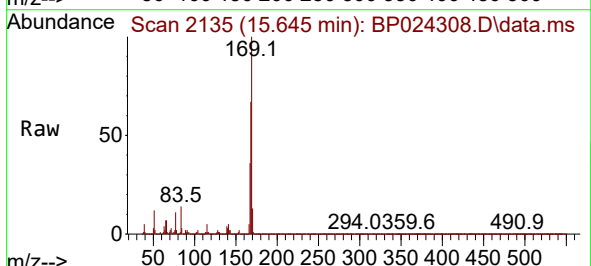
Manual Integrations
APPROVED

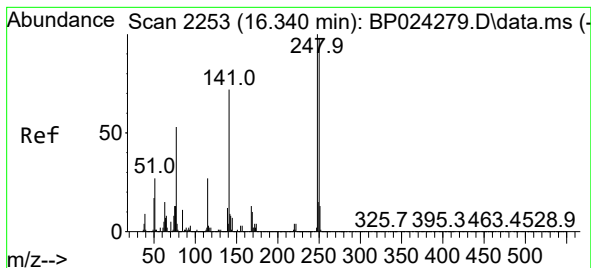
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025



#66
n-Nitrosodiphenylamine
Concen: 45.063 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

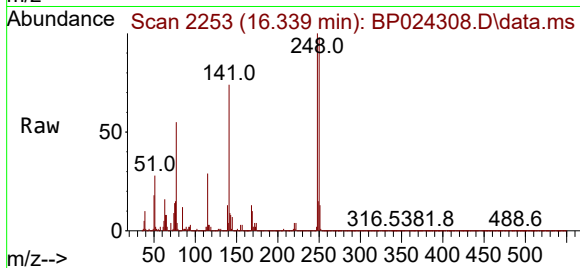
Tgt Ion:169 Resp: 1499526
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.4
167 36.2 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 44.625 ng
RT: 16.339 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

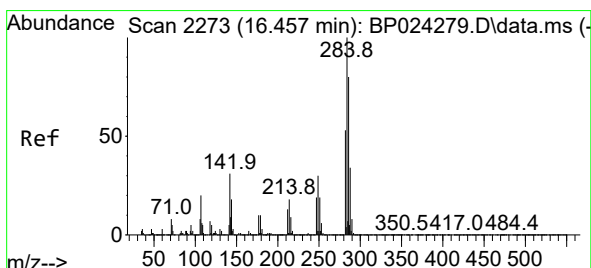
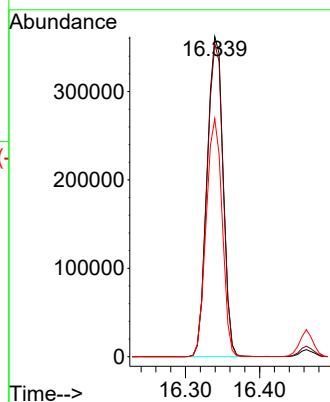
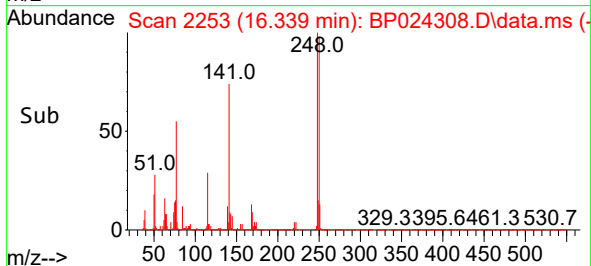
Instrument :
BNA_P
ClientSampleId :
PB167599BSD



Tgt Ion:248 Resp: 544115
Ion Ratio Lower Upper
248 100
250 97.8 78.2 117.4
141 74.3 57.7 86.5

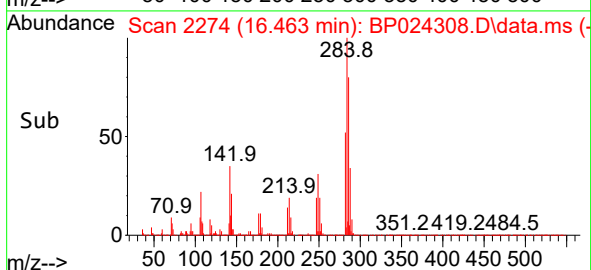
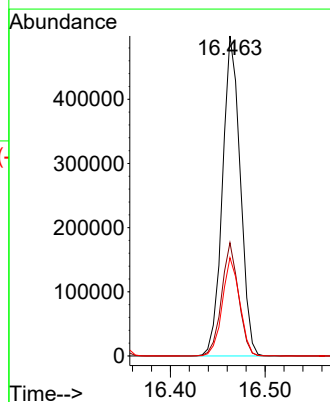
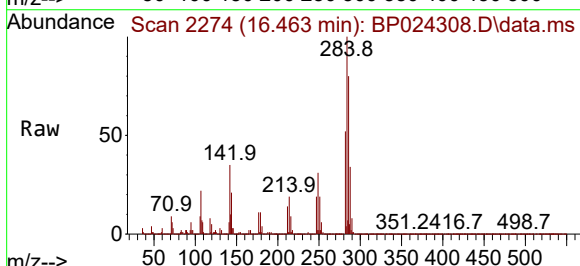
Manual Integrations
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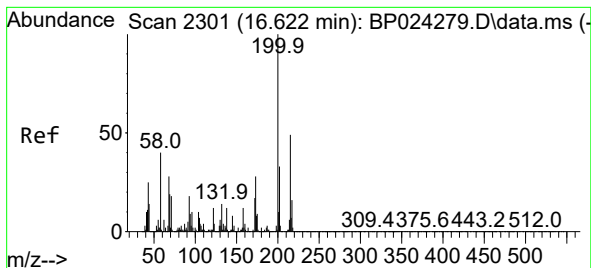
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025



#68
Hexachlorobenzene
Concen: 44.969 ng
RT: 16.463 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

Tgt Ion:284 Resp: 651546
Ion Ratio Lower Upper
284 100
142 35.4 24.6 37.0
249 30.7 23.8 35.6





#69

Atrazine

Concen: 58.523 ng

RT: 16.628 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024308.D

Acq: 16 Apr 2025 12:26

Instrument :

BNA_P

ClientSampleId :

PB167599BSD

Tgt Ion:200 Resp: 49598

Ion Ratio Lower Upper

200 100

173 26.8 7.5 47.5

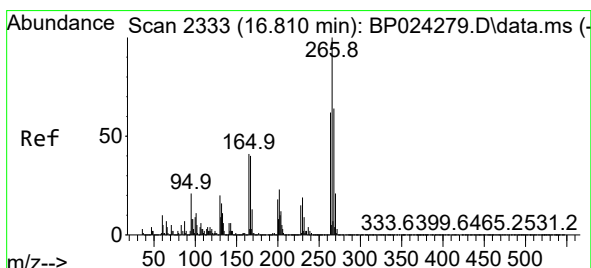
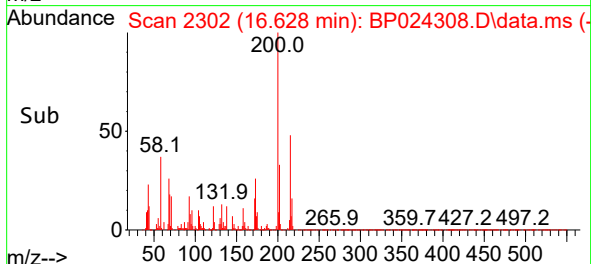
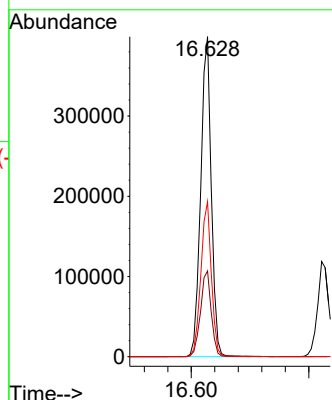
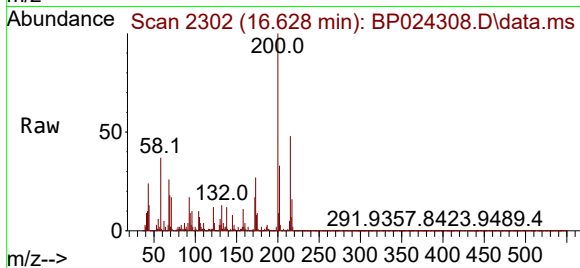
215 48.4 28.8 68.8

Manual Integrations

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Reviewed By :Rahul Chavli 04/17/2025

Supervised By :Jagrut Upadhyay 04/17/2025



#70

Pentachlorophenol

Concen: 86.900 ng

RT: 16.822 min Scan# 2335

Delta R.T. -0.006 min

Lab File: BP024308.D

Acq: 16 Apr 2025 12:26

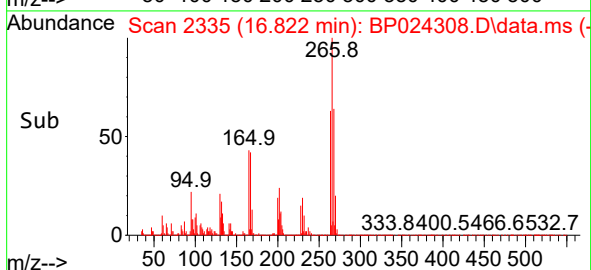
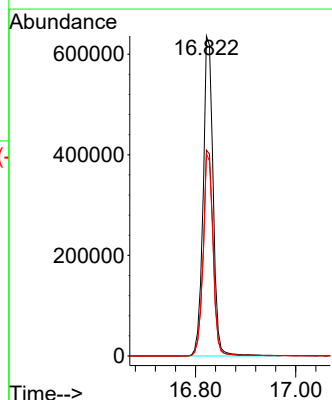
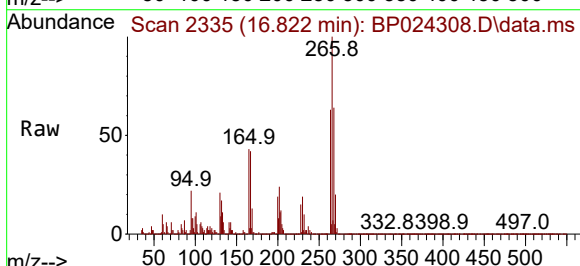
Tgt Ion:266 Resp: 878367

Ion Ratio Lower Upper

266 100

268 64.4 51.0 76.6

264 63.3 49.8 74.6





#71

Phenanthrene

Concen: 42.947 ng

RT: 17.222 min Scan# 2403

Delta R.T. -0.006 min

Lab File: BP024308.D

Acq: 16 Apr 2025 12:26

Instrument :

BNA_P

ClientSampleId :

PB167599BSD

Tgt Ion:178 Resp: 261198

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

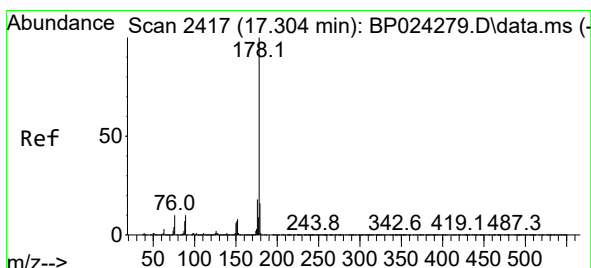
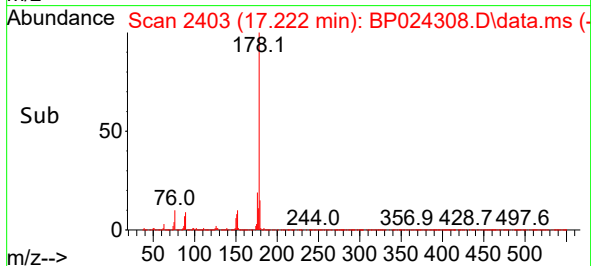
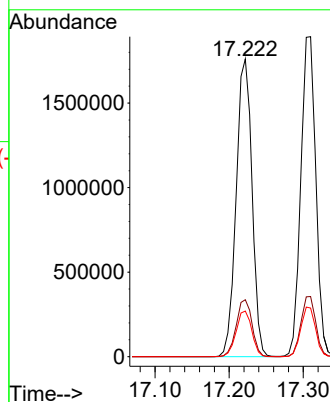
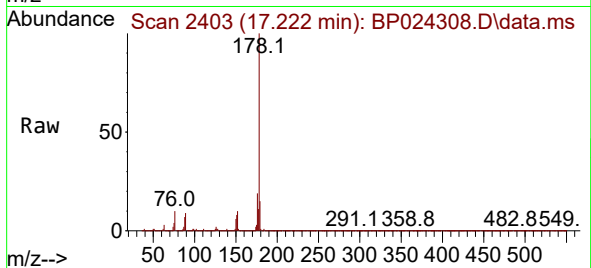
179 15.3 12.5 18.7

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Reviewed By :Rahul Chavli 04/17/2025

Supervised By :Jagrut Upadhyay 04/17/2025



#72

Anthracene

Concen: 45.533 ng

RT: 17.310 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BP024308.D

Acq: 16 Apr 2025 12:26

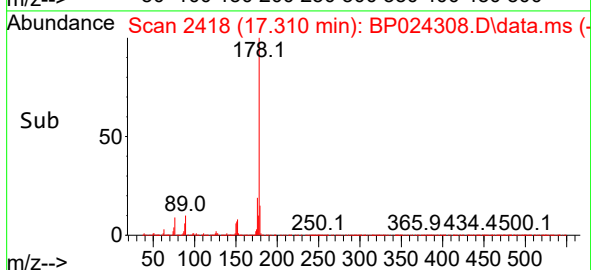
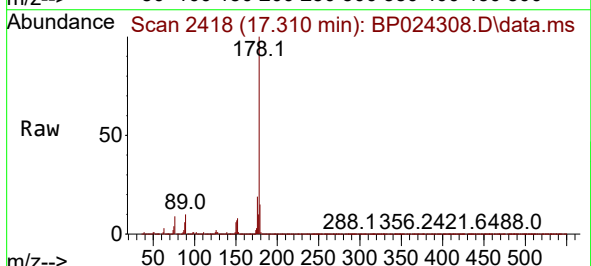
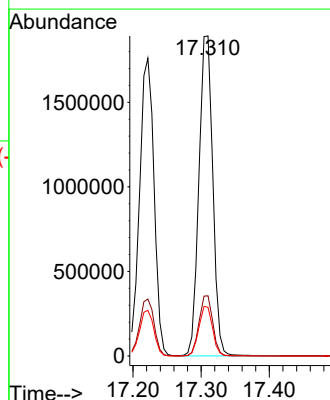
Tgt Ion:178 Resp: 2669025

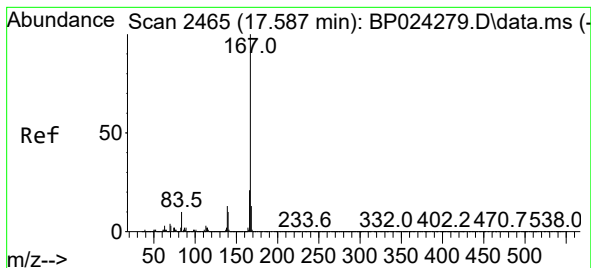
Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

179 15.2 12.4 18.6





#73

Carbazole

Concen: 42.496 ng

RT: 17.598 min Scan# 2467

Delta R.T. -0.006 min

Lab File: BP024308.D

Acq: 16 Apr 2025 12:26

Instrument :

BNA_P

ClientSampleId :

PB167599BSD

Tgt Ion:167 Resp: 2433924

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

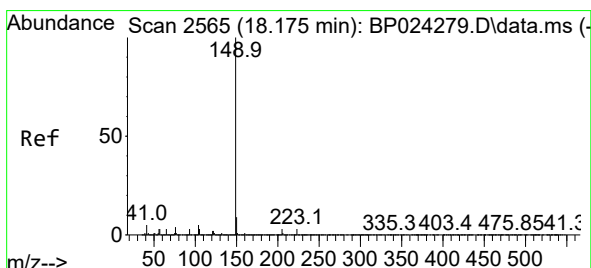
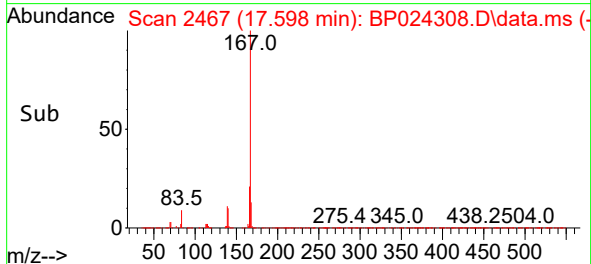
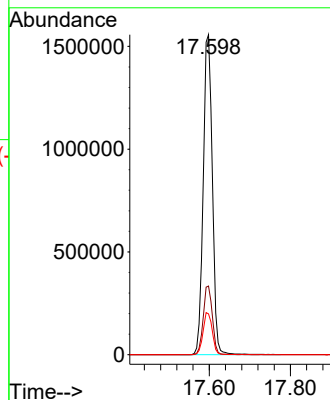
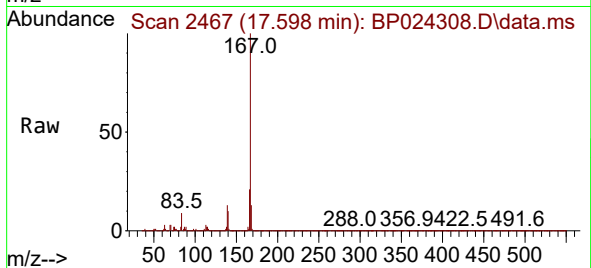
139 12.8 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 04/17/2025

Supervised By :Jagrut Upadhyay 04/17/2025



#74

Di-n-butylphthalate

Concen: 40.907 ng

RT: 18.186 min Scan# 2567

Delta R.T. -0.006 min

Lab File: BP024308.D

Acq: 16 Apr 2025 12:26

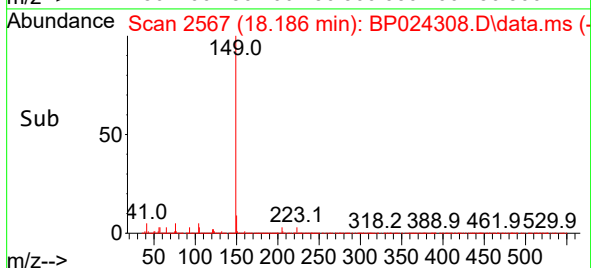
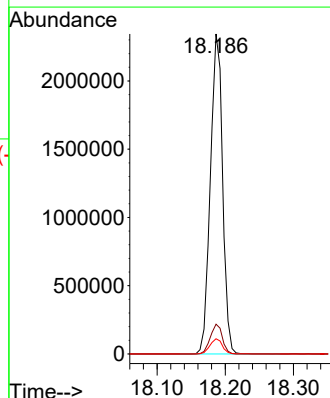
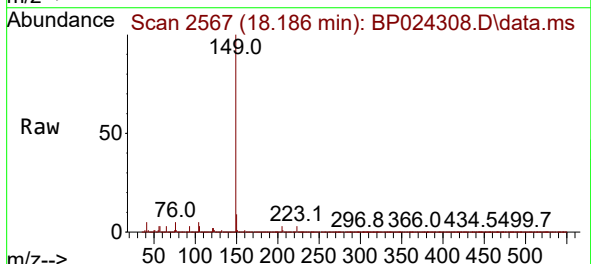
Tgt Ion:149 Resp: 2918940

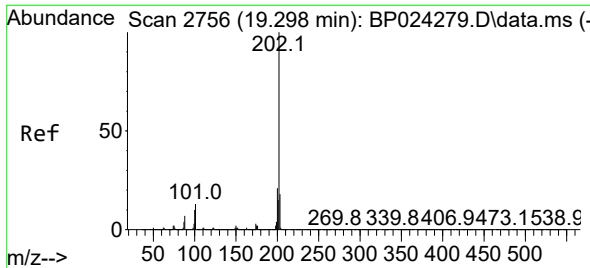
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

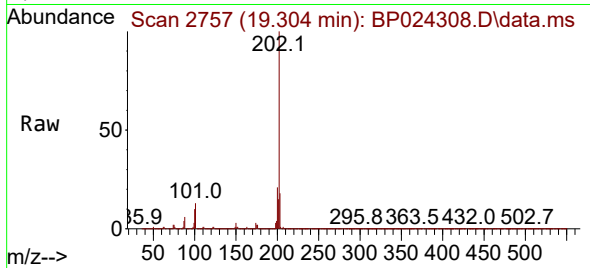
104 4.8 3.9 5.9





#75
Fluoranthene
Concen: 40.545 ng
RT: 19.304 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

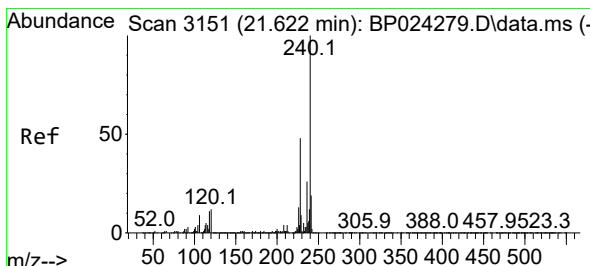
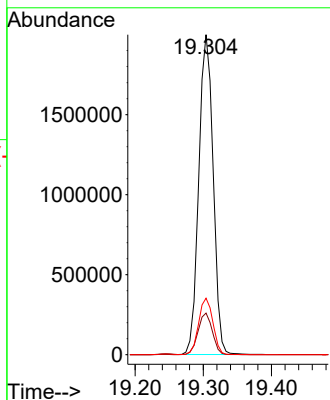
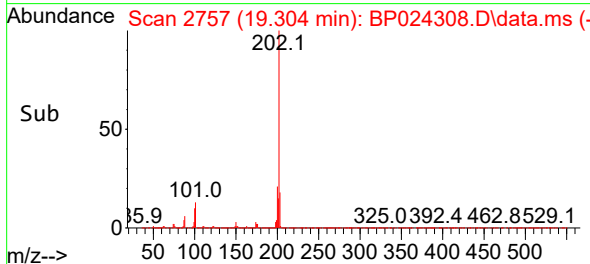
Instrument :
BNA_P
ClientSampleId :
PB167599BSD



Tgt Ion:202 Resp: 293278
Ion Ratio Lower Upper
202 100
101 13.0 0.0 33.2
203 17.6 0.0 37.7

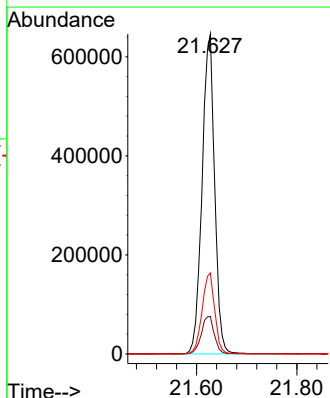
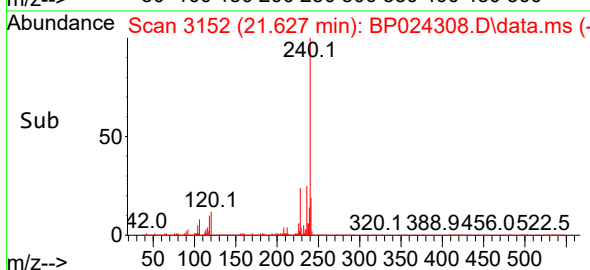
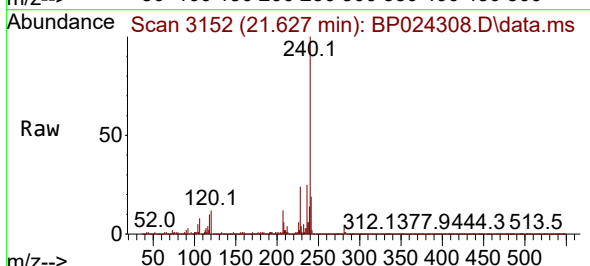
Manual Integrations
APPROVED

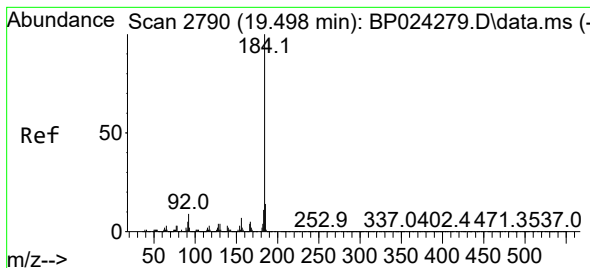
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.627 min Scan# 3152
Delta R.T. 0.006 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

Tgt Ion:240 Resp: 1123456
Ion Ratio Lower Upper
240 100
120 11.8 9.8 14.8
236 25.4 20.9 31.3





#77

Benzidine

Concen: 75.104 ng

RT: 19.504 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024308.D

Acq: 16 Apr 2025 12:26

Instrument :

BNA_P

ClientSampleId :

PB167599BSD

Tgt Ion:184 Resp: 106954

Ion Ratio Lower Upper

184 100

185 14.6 11.6 17.4

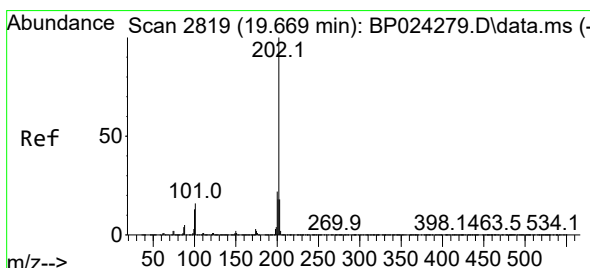
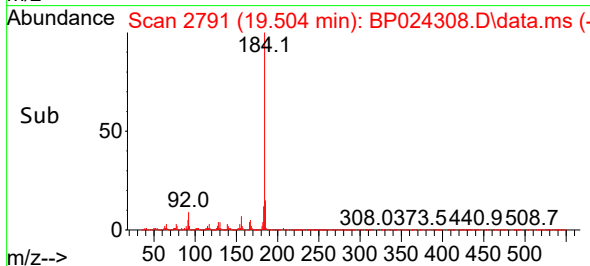
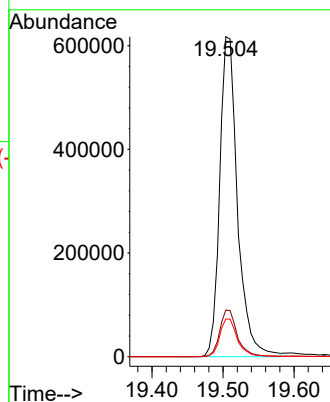
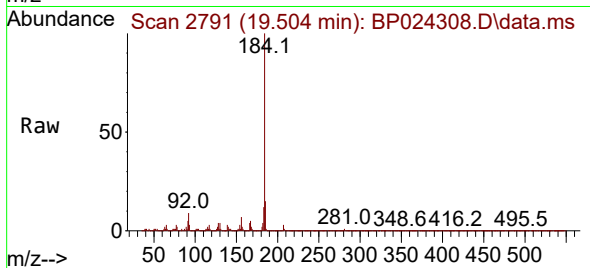
183 11.8 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/17/2025

Supervised By :Jagrut Upadhyay 04/17/2025



#78

Pyrene

Concen: 42.731 ng

RT: 19.680 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BP024308.D

Acq: 16 Apr 2025 12:26

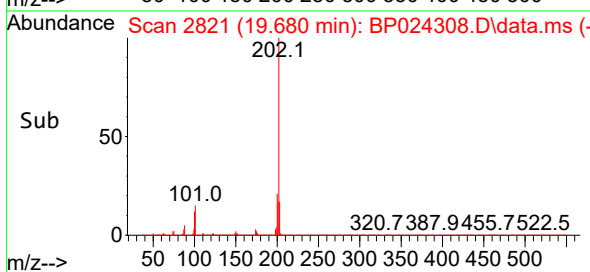
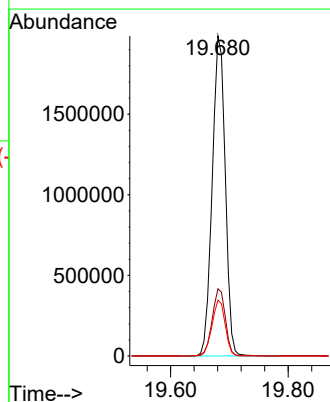
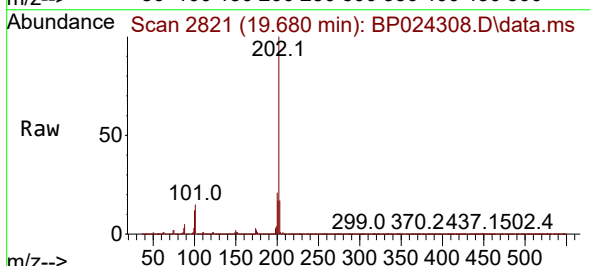
Tgt Ion:202 Resp: 3050823

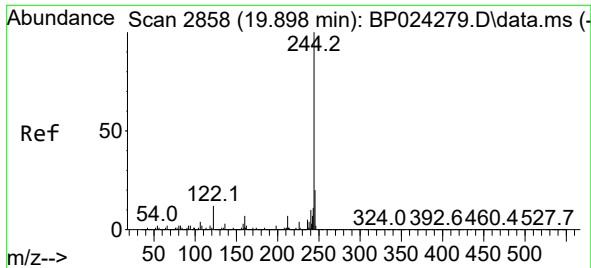
Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

203 17.4 14.4 21.6





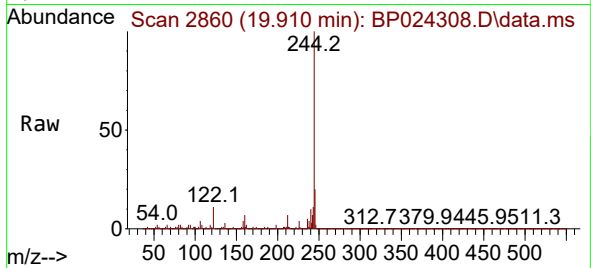
#79
 Terphenyl-d14
 Concen: 86.354 ng
 RT: 19.910 min Scan# 2860
 Delta R.T. -0.012 min
 Lab File: BP024308.D
 Acq: 16 Apr 2025 12:26

Instrument :

BNA_P

ClientSampleId :

PB167599BSD



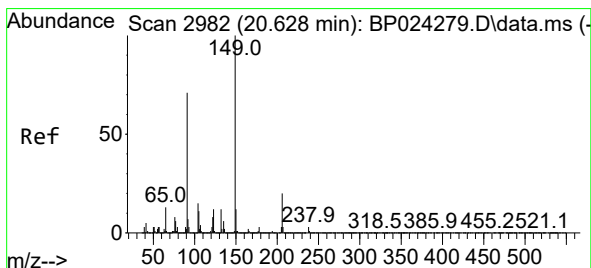
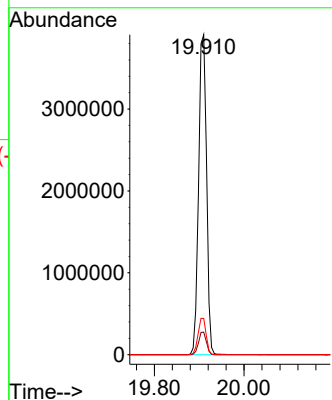
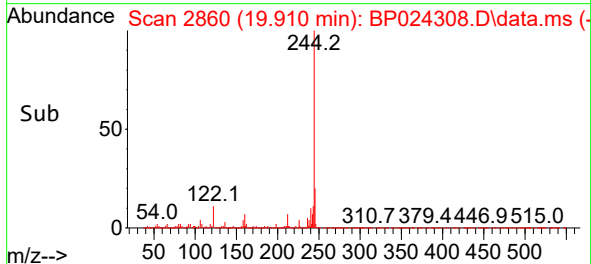
Tgt Ion:244 Resp: 4813130
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.4 9.4 14.0

Manual Integrations

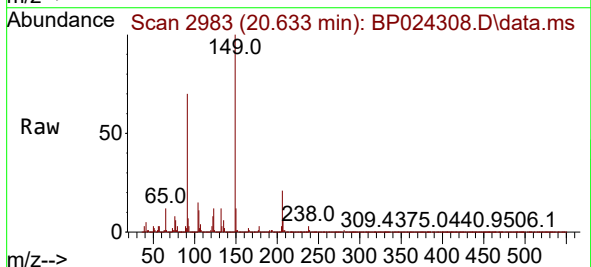
APPROVED

Reviewed By :Rahul Chavli 04/17/2025

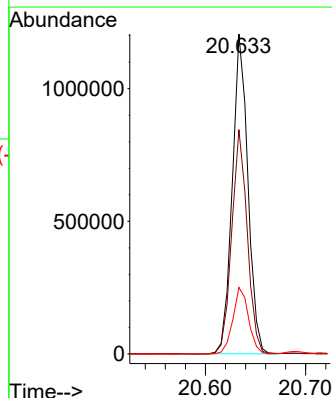
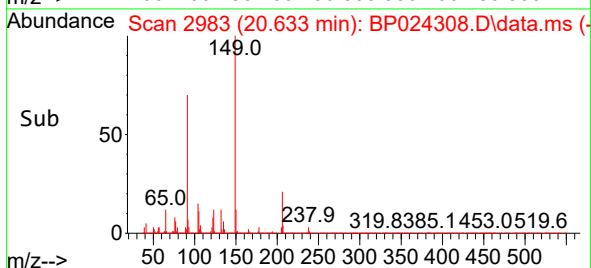
Supervised By :Jagrut Upadhyay 04/17/2025



#80
 Butylbenzylphthalate
 Concen: 42.598 ng
 RT: 20.633 min Scan# 2983
 Delta R.T. -0.012 min
 Lab File: BP024308.D
 Acq: 16 Apr 2025 12:26



Tgt Ion:149 Resp: 1302696
 Ion Ratio Lower Upper
 149 100
 91 70.1 56.4 84.6
 206 20.8 16.3 24.5





#81

Benzo(a)anthracene

Concen: 43.675 ng

RT: 21.604 min Scan# 3147

Delta R.T. 0.000 min

Lab File: BP024308.D

Acq: 16 Apr 2025 12:26

Instrument :

BNA_P

ClientSampleId :

PB167599BSD

Tgt Ion:228 Resp: 304981

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

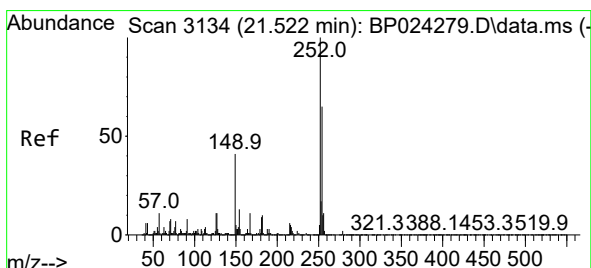
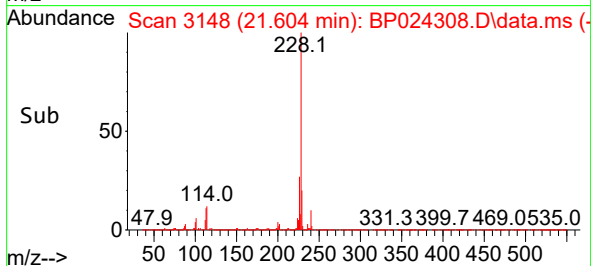
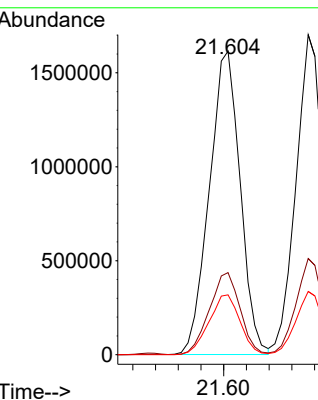
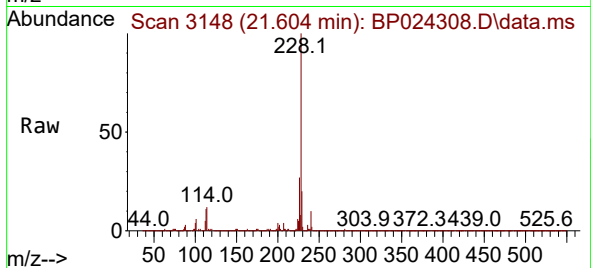
229 19.7 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/17/2025

Supervised By :Jagrut Upadhyay 04/17/2025



#82

3,3'-Dichlorobenzidine

Concen: 29.014 ng

RT: 21.533 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BP024308.D

Acq: 16 Apr 2025 12:26

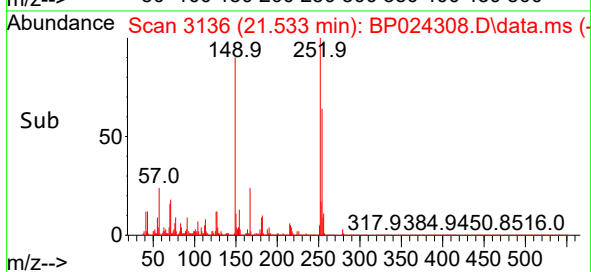
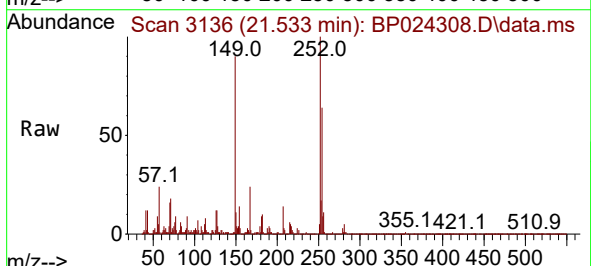
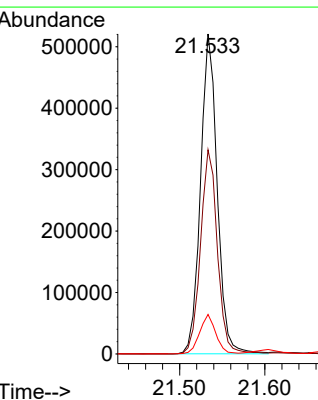
Tgt Ion:252 Resp: 711112

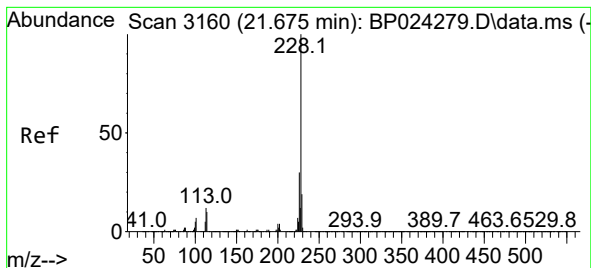
Ion Ratio Lower Upper

252 100

254 63.8 51.7 77.5

126 12.3 8.8 13.2





#83

Chrysene

Concen: 42.338 ng

RT: 21.674 min Scan# 3160

Delta R.T. -0.006 min

Lab File: BP024308.D

Acq: 16 Apr 2025 12:26

Instrument :

BNA_P

ClientSampleId :

PB167599BSD

Tgt Ion:228 Resp: 2832420

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

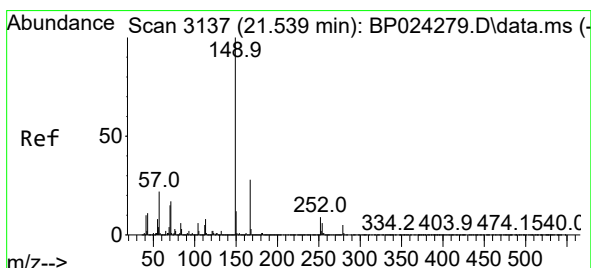
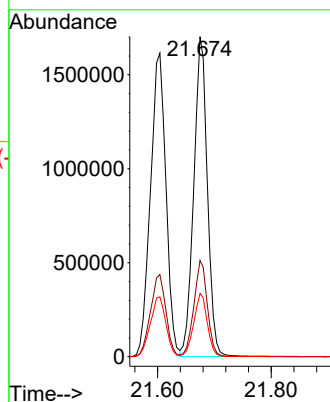
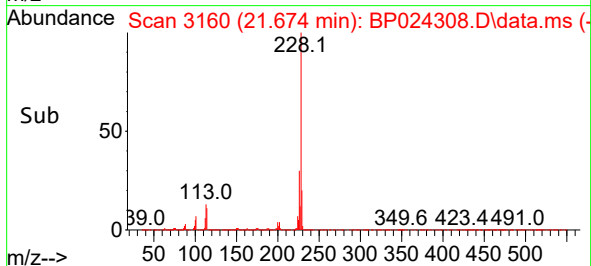
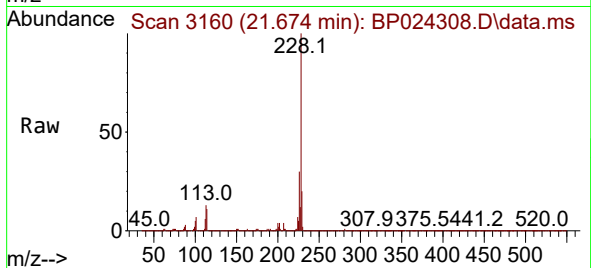
229 19.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/17/2025

Supervised By :Jagrut Upadhyay 04/17/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.048 ng

RT: 21.545 min Scan# 3138

Delta R.T. 0.000 min

Lab File: BP024308.D

Acq: 16 Apr 2025 12:26

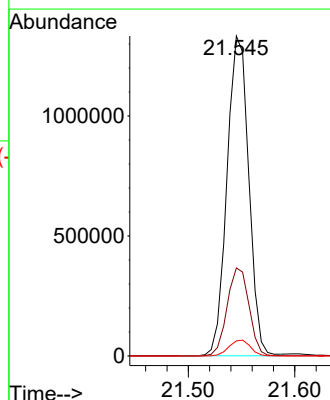
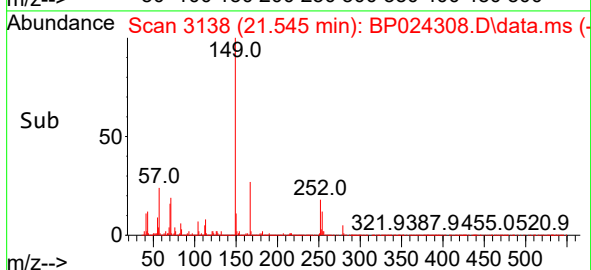
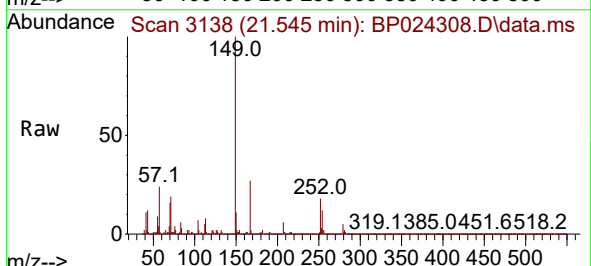
Tgt Ion:149 Resp: 1885015

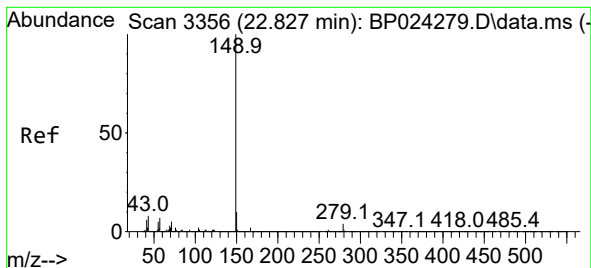
Ion Ratio Lower Upper

149 100

167 27.5 22.4 33.6

279 4.7 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 45.151 ng

RT: 22.827 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024308.D

Acq: 16 Apr 2025 12:26

Instrument :

BNA_P

ClientSampleId :

PB167599BSD

Tgt Ion:149 Resp: 329064

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

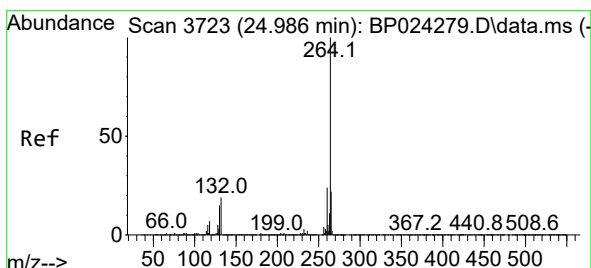
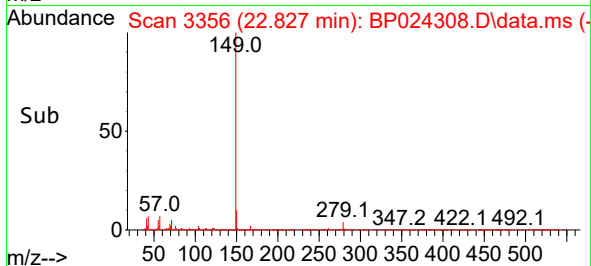
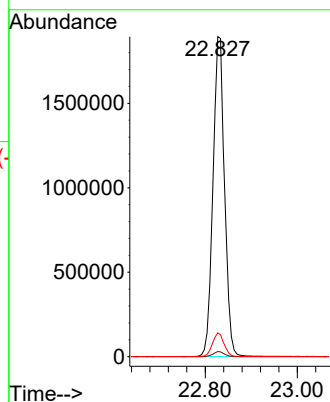
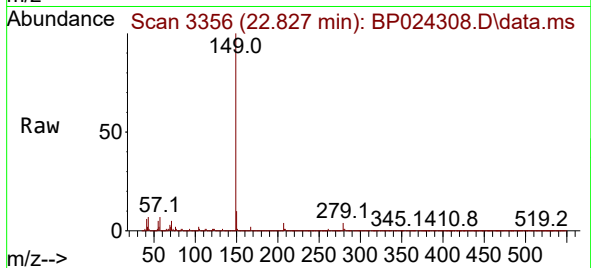
43 7.5 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/17/2025

Supervised By :Jagrut Upadhyay 04/17/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.980 min Scan# 3722

Delta R.T. -0.006 min

Lab File: BP024308.D

Acq: 16 Apr 2025 12:26

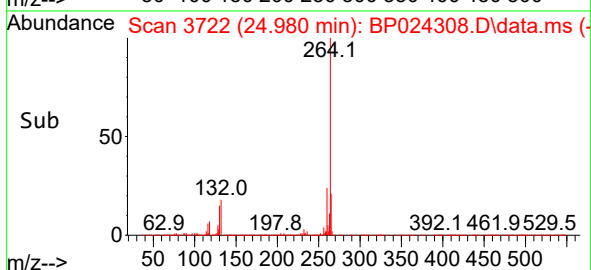
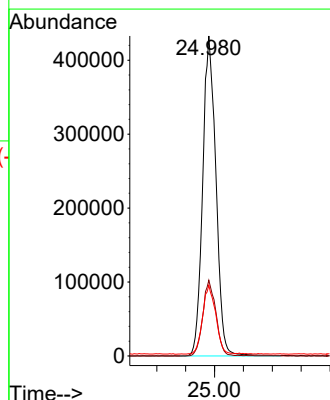
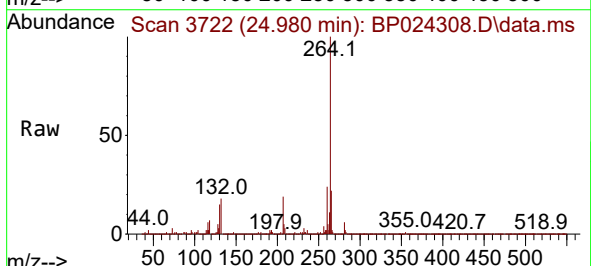
Tgt Ion:264 Resp: 1378114

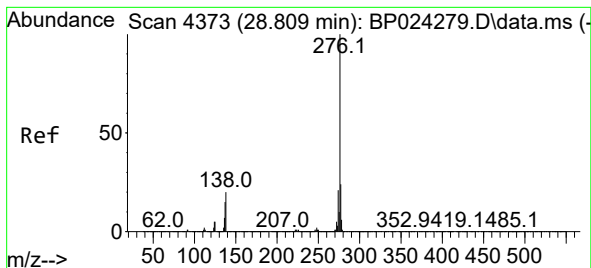
Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.1 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.441 ng m

RT: 28.792 min Scan# 41

Delta R.T. -0.023 min

Lab File: BP024308.D

Acq: 16 Apr 2025 12:26

Instrument :

BNA_P

ClientSampleId :

PB167599BSD

Tgt Ion:276 Resp: 453889

Ion Ratio Lower Upper

276 100

138 17.4 14.5 21.7

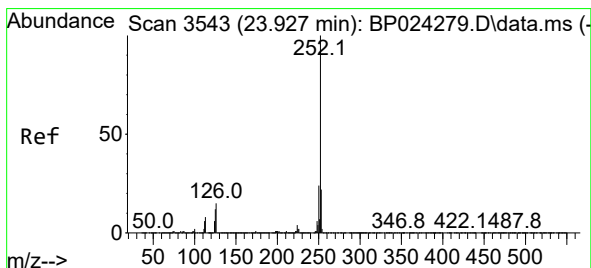
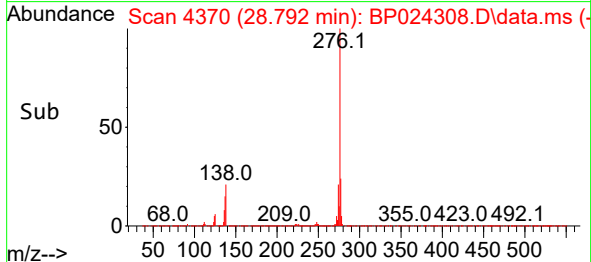
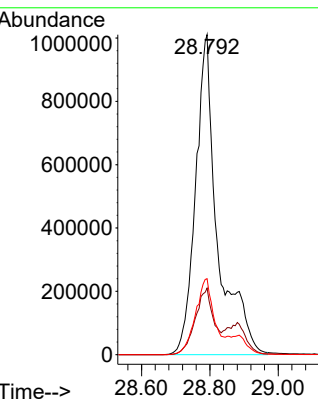
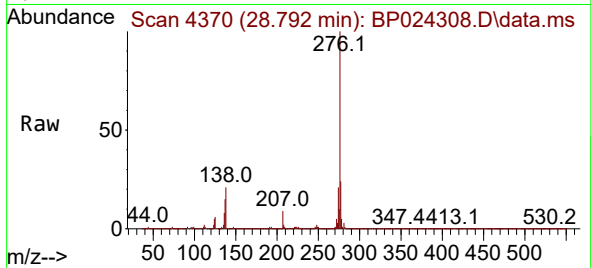
277 20.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/17/2025

Supervised By :Jagrut Upadhyay 04/17/2025



#88

Benzo(b)fluoranthene

Concen: 40.289 ng

RT: 23.916 min Scan# 3541

Delta R.T. -0.018 min

Lab File: BP024308.D

Acq: 16 Apr 2025 12:26

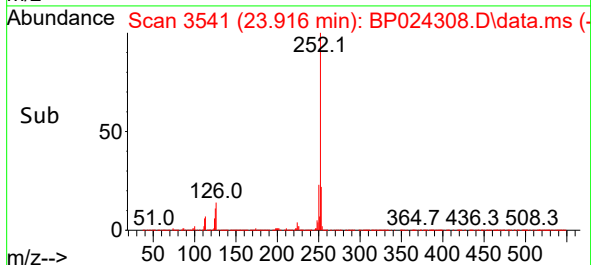
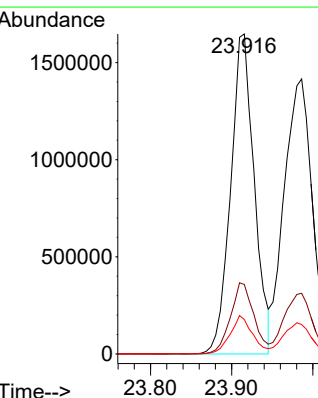
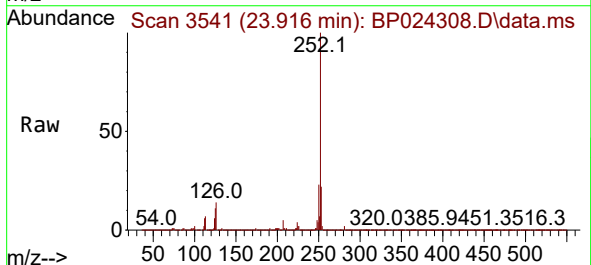
Tgt Ion:252 Resp: 3328058

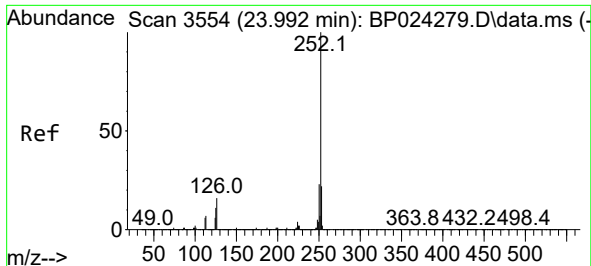
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

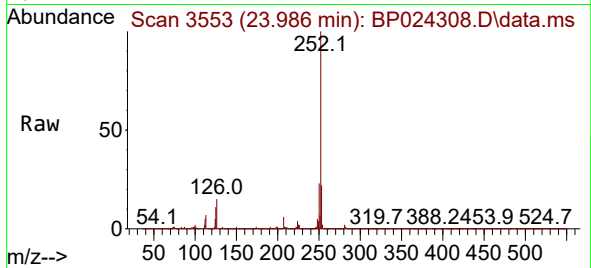
125 10.8 9.4 14.0





#89
Benzo(k)fluoranthene
Concen: 42.916 ng
RT: 23.986 min Scan# 3554
Delta R.T. -0.012 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26

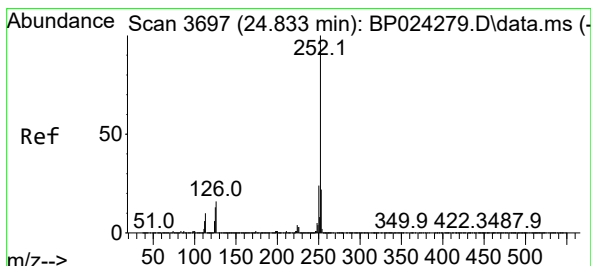
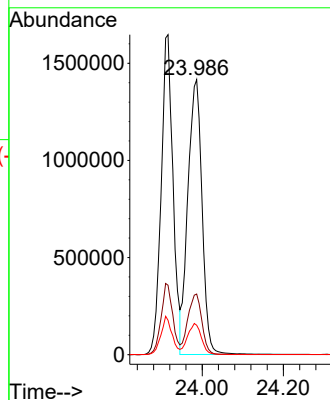
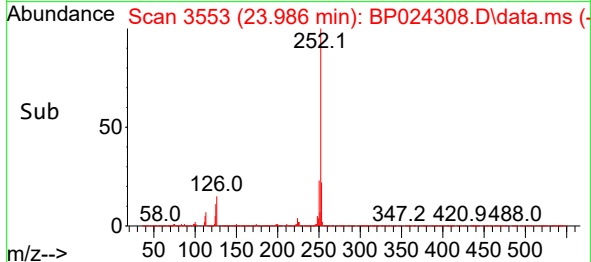
Instrument :
BNA_P
ClientSampleId :
PB167599BSD



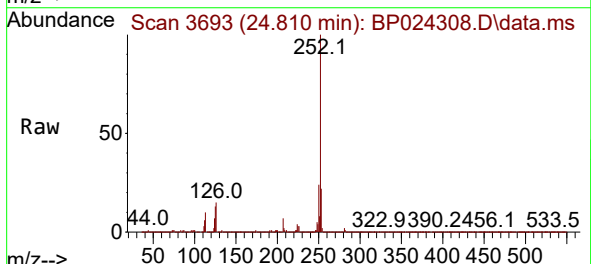
Tgt Ion:252 Resp: 3424379
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.7 9.1 13.7

Manual Integrations
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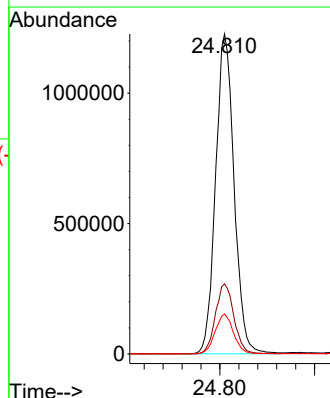
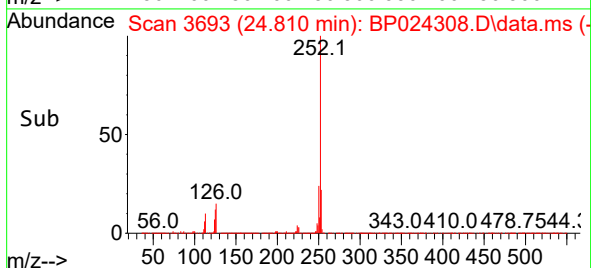
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

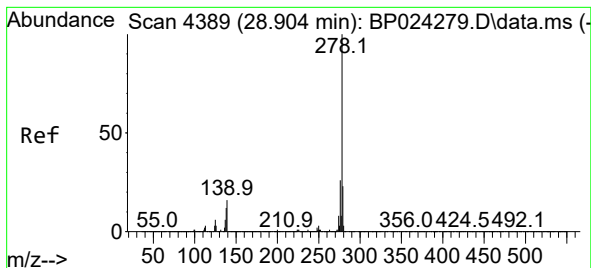


#90
Benzo(a)pyrene
Concen: 46.629 ng
RT: 24.810 min Scan# 3693
Delta R.T. -0.023 min
Lab File: BP024308.D
Acq: 16 Apr 2025 12:26



Tgt Ion:252 Resp: 3322549
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 12.5 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 47.425 ng

RT: 28.886 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP024308.D

Acq: 16 Apr 2025 12:26

Instrument :

BNA_P

ClientSampleId :

PB167599BSD

Tgt Ion:278 Resp: 376614

Ion Ratio Lower Upper

278 100

139 16.4 12.6 19.0

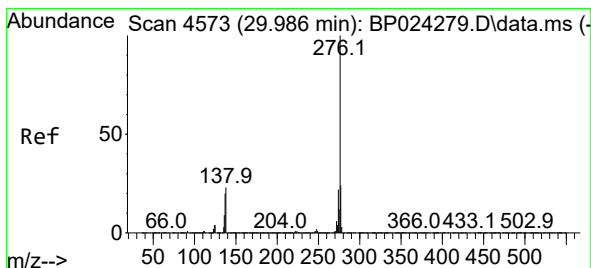
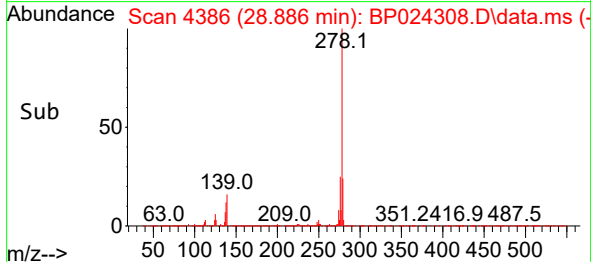
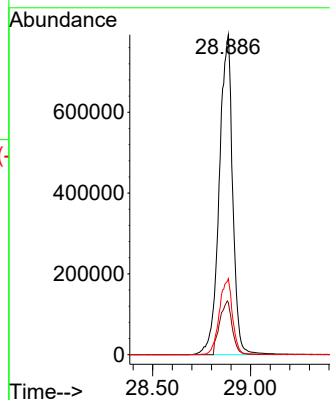
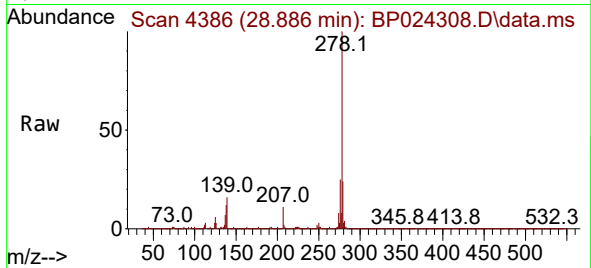
279 23.8 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/17/2025

Supervised By :Jagrut Upadhyay 04/17/2025



#92

Benzo(g,h,i)perylene

Concen: 45.385 ng

RT: 29.986 min Scan# 4573

Delta R.T. -0.012 min

Lab File: BP024308.D

Acq: 16 Apr 2025 12:26

Tgt Ion:276 Resp: 3668533

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 21.2 18.7 28.1

