

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025472.D
 Acq On : 19 Aug 2025 12:06
 Operator : CG/JU
 Sample : PB169244BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169244BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/20/2025
 Supervised By :Jagrut Upadhyay 08/20/2025

Quant Time: Aug 19 12:52:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	161110	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	644957	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	415960	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	862003	20.000	ng	#-0.01
76) Chrysene-d12	21.642	240	910554	20.000	ng	0.00
86) Perylene-d12	25.001	264	1045081	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1337580	137.876	ng	0.00
7) Phenol-d6	6.972	99	1688269	135.735	ng	0.00
23) Nitrobenzene-d5	8.931	82	1050881	82.423	ng	0.00
42) 2,4,6-Tribromophenol	15.901	330	775299	138.474	ng	-0.01
45) 2-Fluorobiphenyl	13.013	172	2467804	81.083	ng	0.00
79) Terphenyl-d14	19.907	244	4077204	81.923	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	142275	37.441	ng	99
3) Pyridine	3.725	79	398620	38.325	ng	95
4) n-Nitrosodimethylamine	3.631	42	201784	47.058	ng	96
6) Aniline	7.119	93	625971	37.353	ng	99
8) 2-Chlorophenol	7.366	128	524831	47.941	ng	99
9) Benzaldehyde	6.937	77	239040	27.431	ng	98
10) Phenol	6.996	94	628743	48.175	ng	99
11) bis(2-Chloroethyl)ether	7.213	93	455153	44.744	ng	99
12) 1,3-Dichlorobenzene	7.684	146	543382	45.014	ng	99
13) 1,4-Dichlorobenzene	7.825	146	553701	44.876	ng	100
14) 1,2-Dichlorobenzene	8.137	146	534380	44.742	ng	97
15) Benzyl Alcohol	8.025	79	444471	44.974	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.307	45	615310	45.153	ng	98
17) 2-Methylphenol	8.225	107	424929	46.879	ng	98
18) Hexachloroethane	8.860	117	205091	45.209	ng	97
19) n-Nitroso-di-n-propyla...	8.584	70	347018	42.121	ng	97
20) 3+4-Methylphenols	8.549	107	585226	46.577	ng	98
22) Acetophenone	8.601	105	735041	45.445	ng	# 99
24) Nitrobenzene	8.972	77	531108	46.610	ng	100
25) Isophorone	9.496	82	993893	44.048	ng	99
26) 2-Nitrophenol	9.672	139	273836	46.827	ng	96
27) 2,4-Dimethylphenol	9.737	122	479387	47.669	ng	98
28) bis(2-Chloroethoxy)met...	9.972	93	613611	44.988	ng	99
29) 2,4-Dichlorophenol	10.213	162	491610	49.210	ng	99
30) 1,2,4-Trichlorobenzene	10.425	180	495197	45.218	ng	99
31) Naphthalene	10.607	128	1534568	45.778	ng	99
32) Benzoic acid	9.890	122	382681m	51.543	ng	
33) 4-Chloroaniline	10.707	127	389745	26.321	ng	99
34) Hexachlorobutadiene	10.896	225	306039	44.872	ng	99
35) Caprolactam	11.495	113	173914	47.476	ng	98
36) 4-Chloro-3-methylphenol	11.837	107	555661	48.473	ng	99
37) 2-Methylnaphthalene	12.213	142	992936	45.516	ng	100
38) 1-Methylnaphthalene	12.437	142	1029457	44.374	ng	98
40) 1,2,4,5-Tetrachloroben...	12.584	216	553975	46.113	ng	99
41) Hexachlorocyclopentadiene	12.566	237	670283	92.369	ng	98
43) 2,4,6-Trichlorophenol	12.825	196	408898	50.417	ng	99

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 QLast Update : Thu Aug 14 18:14:31 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	452804	50.941	ng	98
46) 1,1'-Biphenyl	13.231	154	1412174	46.746	ng	99
47) 2-Chloronaphthalene	13.272	162	1094908	46.557	ng	100
48) 2-Nitroaniline	13.466	65	353391	51.571	ng	98
49) Acenaphthylene	14.119	152	1874575	48.171	ng	99
50) Dimethylphthalate	13.860	163	1476660	48.478	ng	100
51) 2,6-Dinitrotoluene	13.966	165	320426	49.910	ng	97
52) Acenaphthene	14.466	154	1076858	47.143	ng	99
53) 3-Nitroaniline	14.295	138	254955	35.296	ng	96
54) 2,4-Dinitrophenol	14.513	184	397607	115.970	ng	98
55) Dibenzofuran	14.801	168	1703170	47.161	ng	100
56) 4-Nitrophenol	14.625	139	605113	101.946	ng	99
57) 2,4-Dinitrotoluene	14.760	165	473816	51.727	ng	97
58) Fluorene	15.460	166	1322243	46.400	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.031	232	396757	50.551	ng	99
60) Diethylphthalate	15.236	149	1517718	49.036	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	661344	46.664	ng	97
62) 4-Nitroaniline	15.478	138	353899	47.791	ng	99
63) Azobenzene	15.754	77	1322217	49.891	ng	99
65) 4,6-Dinitro-2-methylph...	15.536	198	272964	50.800	ng	99
66) n-Nitrosodiphenylamine	15.672	169	1246458	47.419	ng	99
67) 4-Bromophenyl-phenylether	16.360	248	451437	47.618	ng	95
68) Hexachlorobenzene	16.489	284	512163	46.604	ng	97
69) Atrazine	16.642	200	470922	47.838	ng	98
70) Pentachlorophenol	16.842	266	687032	99.034	ng	97
71) Phenanthrene	17.236	178	2253291	47.585	ng	99
72) Anthracene	17.330	178	2284335	47.239	ng	99
73) Carbazole	17.601	167	2155496	47.324	ng	99
74) Di-n-butylphthalate	18.201	149	2713180	48.416	ng	100
75) Fluoranthene	19.319	202	2675123	47.361	ng	99
77) Benzidine	19.507	184	1413258	45.479	ng	100
78) Pyrene	19.695	202	2762164	46.671	ng	99
80) Butylbenzylphthalate	20.642	149	1298221	48.400	ng	99
81) Benzo(a)anthracene	21.624	228	2834413	47.200	ng	99
82) 3,3'-Dichlorobenzidine	21.536	252	727758	32.152	ng	99
83) Chrysene	21.689	228	2644963	47.032	ng	99
84) Bis(2-ethylhexyl)phtha...	21.566	149	1936416	49.043	ng	99
85) Di-n-octyl phthalate	22.854	149	3437312	50.612	ng	99
87) Indeno(1,2,3-cd)pyrene	28.842	276	3500214	45.670	ng	98
88) Benzo(b)fluoranthene	23.954	252	2979641	48.351	ng	99
89) Benzo(k)fluoranthene	24.024	252	2940688	47.686	ng	99
90) Benzo(a)pyrene	24.865	252	2836165	47.279	ng	100
91) Dibenzo(a,h)anthracene	28.924	278	2878994	45.967	ng	99
92) Benzo(g,h,i)perylene	30.030	276	2809647	45.636	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Instrument :

BNA_P

ClientSampleId :

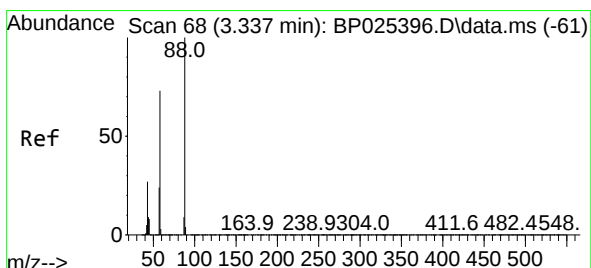
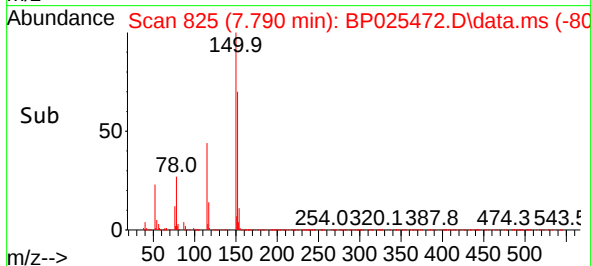
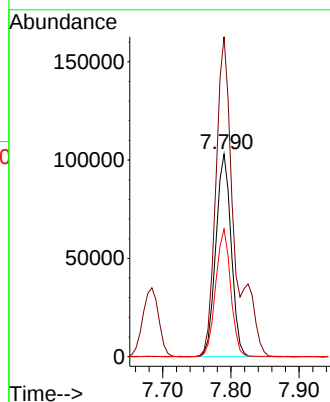
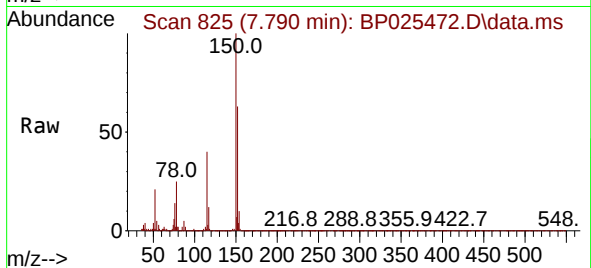
PB169244BS

Tgt Ion:152 Resp: 161110
Ion Ratio Lower Upper
152 100
150 157.9 125.9 188.9
115 62.9 48.5 72.7

Manual Integrations

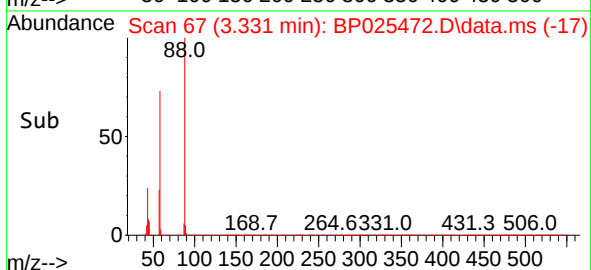
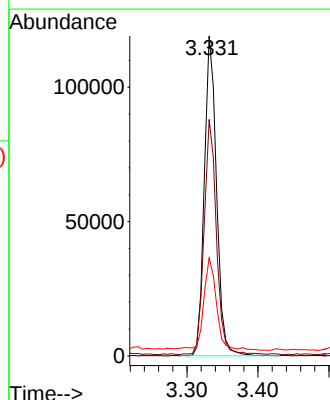
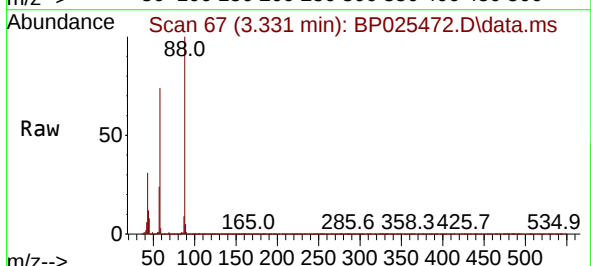
APPROVED

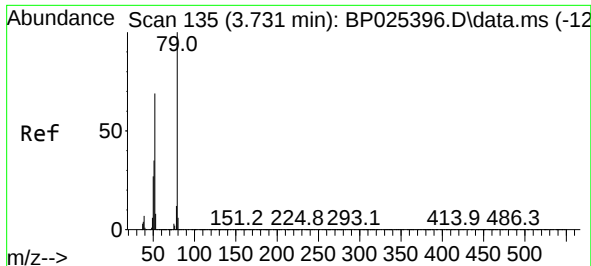
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#2
1,4-Dioxane
Concen: 37.441 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

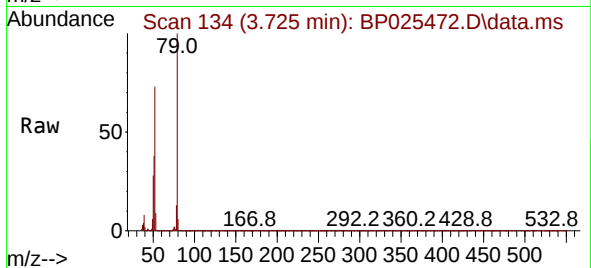
Tgt Ion: 88 Resp: 142275
Ion Ratio Lower Upper
88 100
58 74.1 59.2 88.8
43 28.2 21.7 32.5





#3
Pyridine
Concen: 38.325 ng
RT: 3.725 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

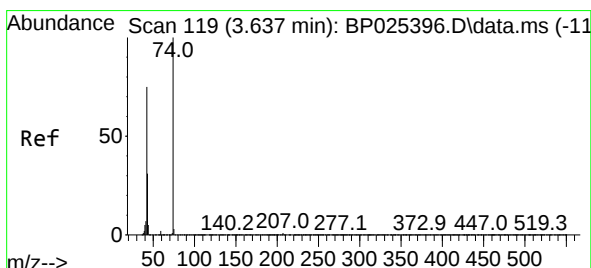
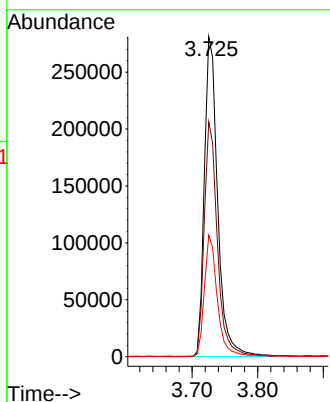
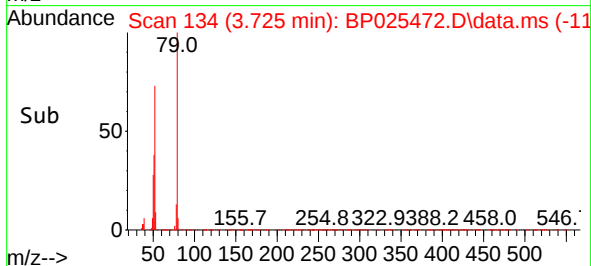
Instrument :
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ClientSampleId :
PB169244BS



Tgt Ion: 79 Resp: 398620
Ion Ratio Lower Upper
79 100
52 73.4 55.5 83.3
51 37.9 28.3 42.5

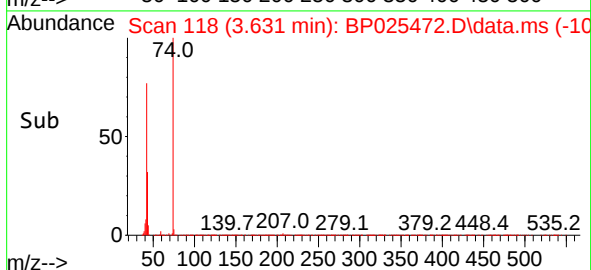
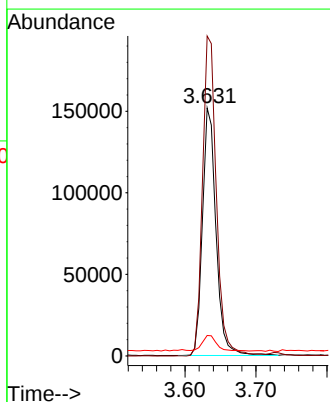
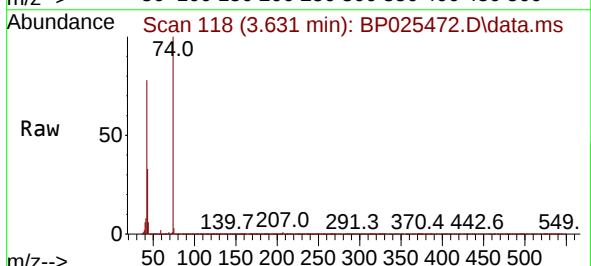
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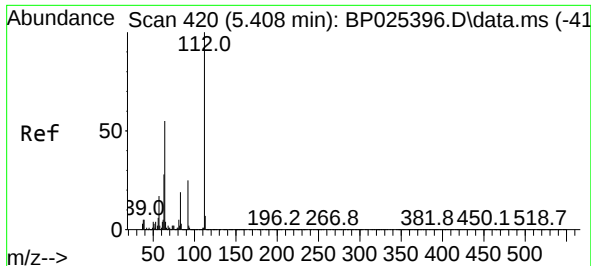
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#4
n-Nitrosodimethylamine
Concen: 47.058 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

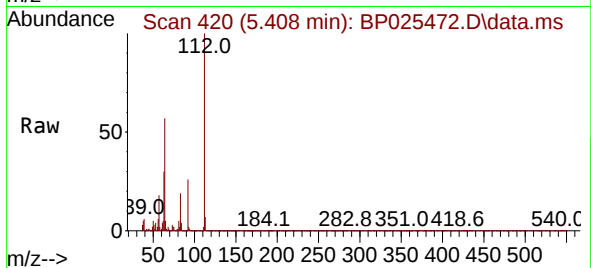
Tgt Ion: 42 Resp: 201784
Ion Ratio Lower Upper
42 100
74 129.0 107.0 160.4
44 8.2 6.2 9.4





#5
2-Fluorophenol
Concen: 137.876 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

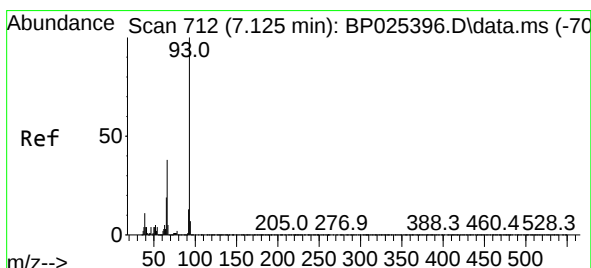
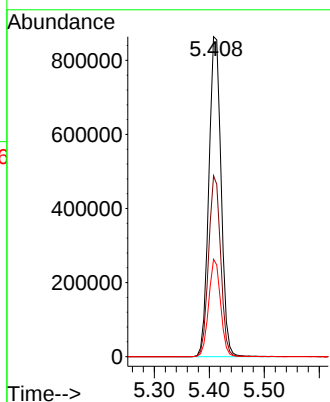
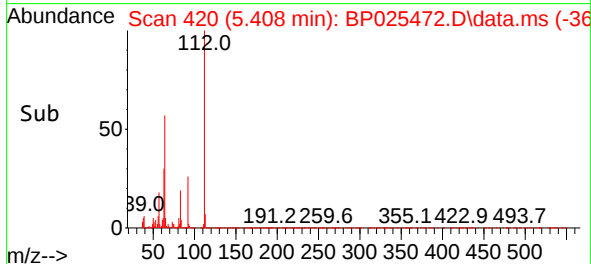
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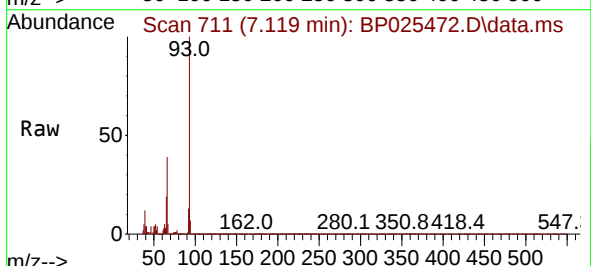
Tgt Ion: 112 Resp: 1337580
Ion Ratio Lower Upper
112 100
64 56.5 43.8 65.8
63 30.4 22.7 34.1

Manual Integrations
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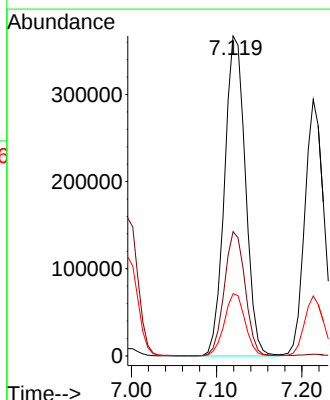
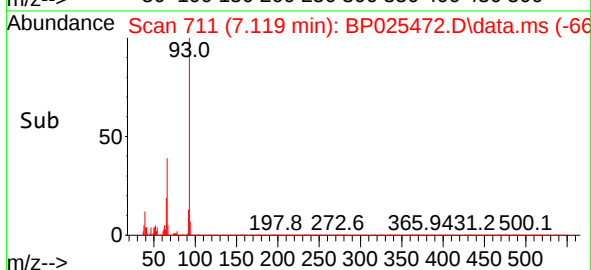
Reviewed By :Rahul Chavli 08/20/2025
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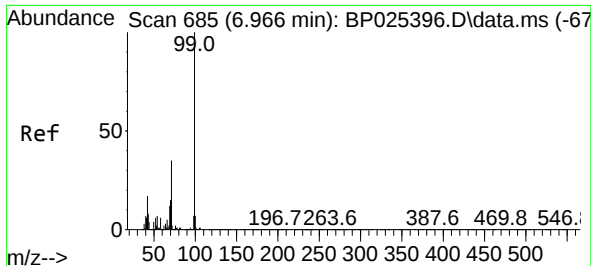


#6
Aniline
Concen: 37.353 ng
RT: 7.119 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06



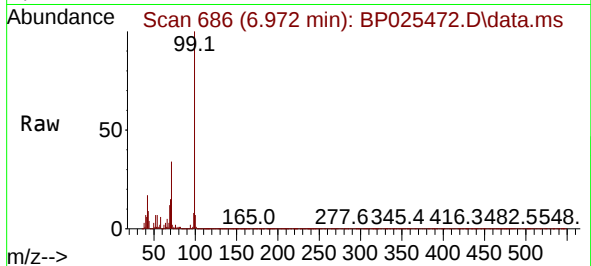
Tgt Ion: 93 Resp: 625971
Ion Ratio Lower Upper
93 100
66 38.9 30.4 45.6
65 19.4 15.3 22.9





#7
Phenol-d6
Concen: 135.735 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

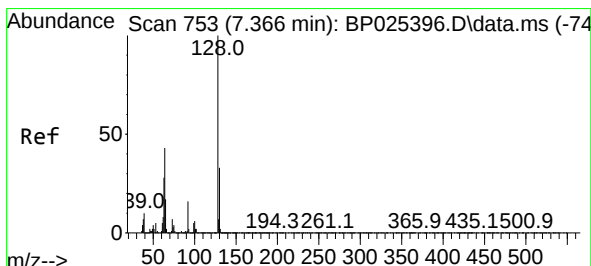
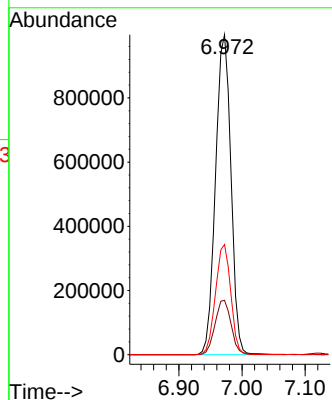
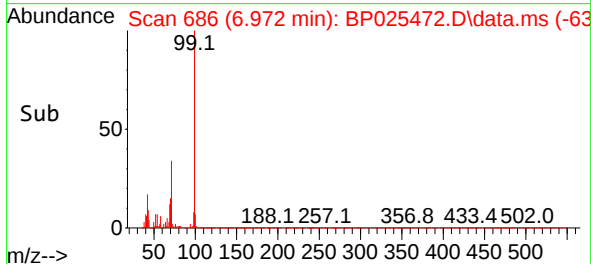
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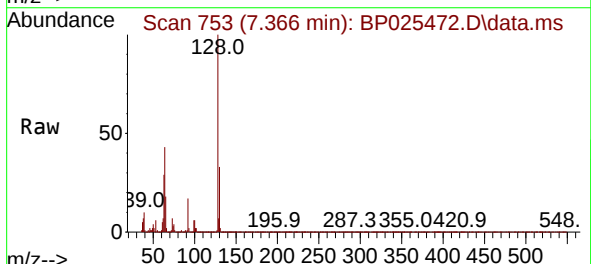
Tgt Ion: 99 Resp: 1688269
Ion Ratio Lower Upper
99 100
42 17.0 13.7 20.5
71 34.4 28.2 42.4

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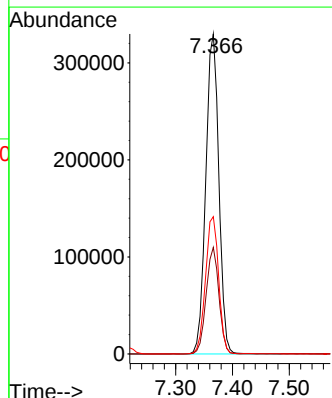
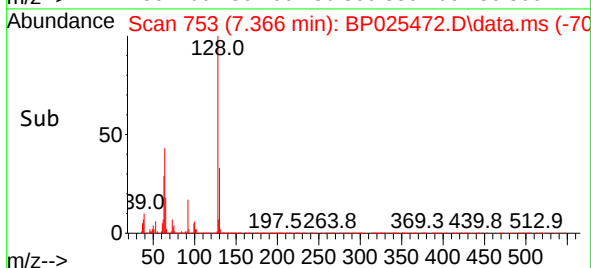
Reviewed By :Rahul Chavli 08/20/2025
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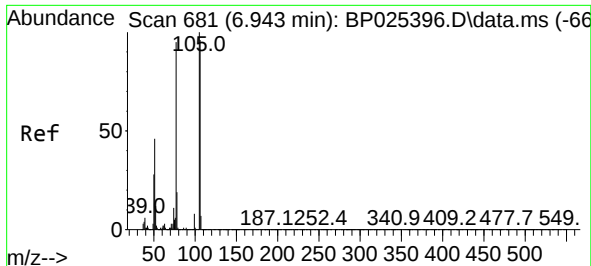


#8
2-Chlorophenol
Concen: 47.941 ng
RT: 7.366 min Scan# 753
Delta R.T. -0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06



Tgt Ion:128 Resp: 524831
Ion Ratio Lower Upper
128 100
130 33.3 12.6 52.6
64 42.9 23.4 63.4





#9
Benzaldehyde
Concen: 27.431 ng
RT: 6.937 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Instrument :

BNA_P

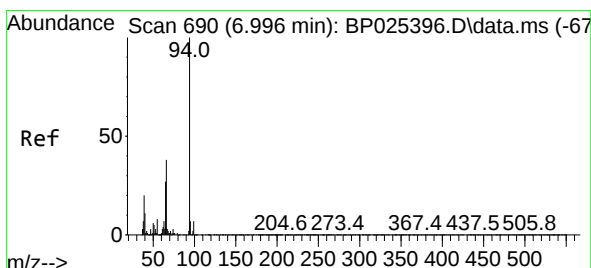
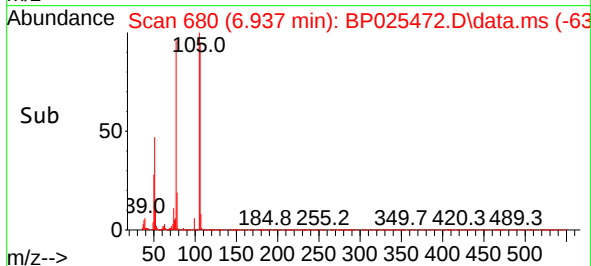
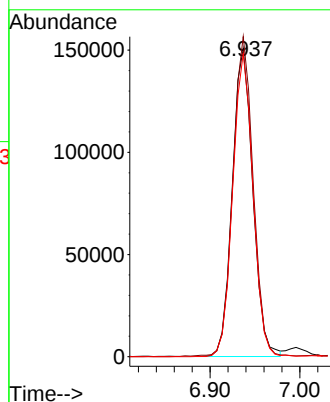
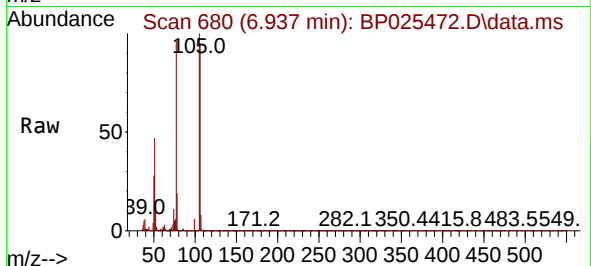
ClientSampleId :

PB169244BS

Tgt Ion: 77 Resp: 239040
Ion Ratio Lower Upper
77 100
105 103.8 84.8 124.8
106 98.4 80.5 120.5

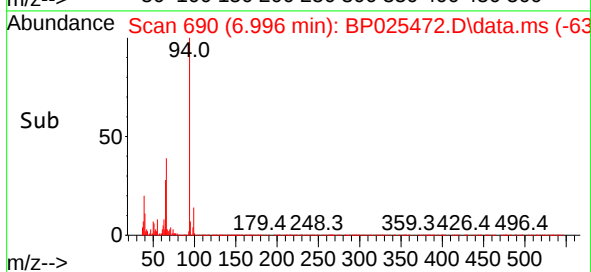
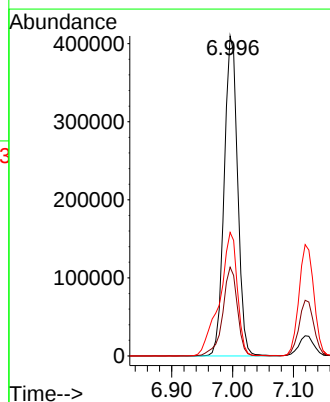
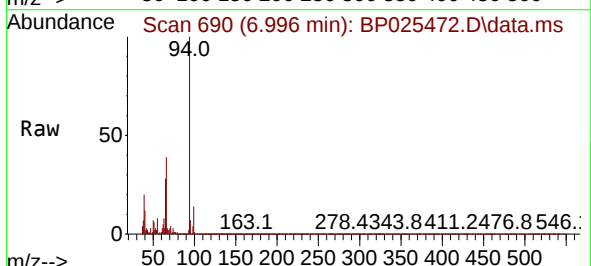
Manual Integrations
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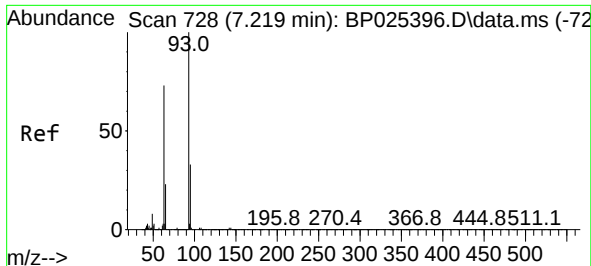
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#10
Phenol
Concen: 48.175 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

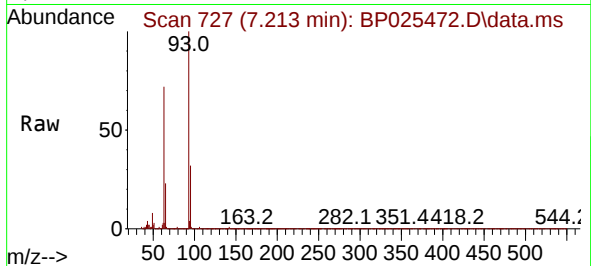
Tgt Ion: 94 Resp: 628743
Ion Ratio Lower Upper
94 100
65 27.7 6.8 46.8
66 38.6 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 44.744 ng
RT: 7.213 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

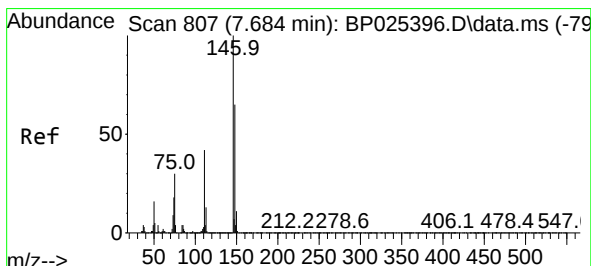
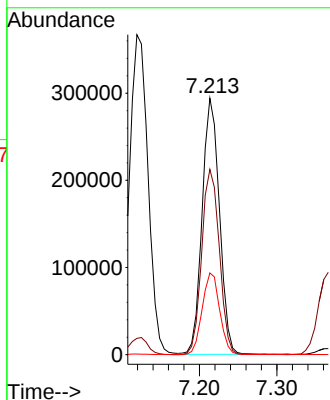
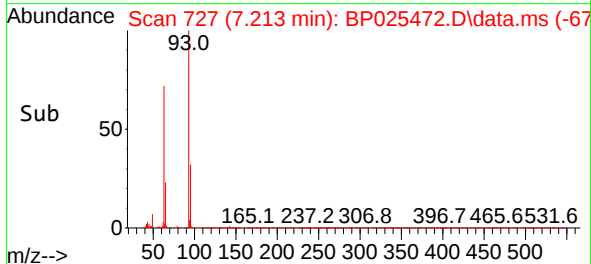
Instrument :
BNA_P
ClientSampleId :
PB169244BS



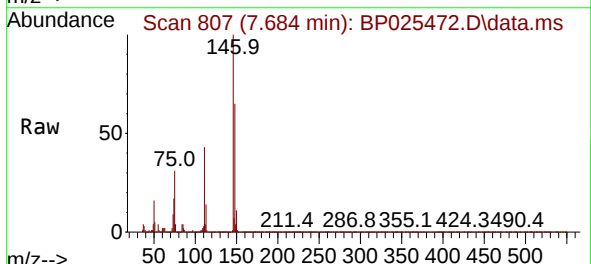
Tgt Ion: 93 Resp: 45515
Ion Ratio Lower Upper
93 100
63 72.2 52.6 92.6
95 31.9 12.7 52.7

Manual Integrations
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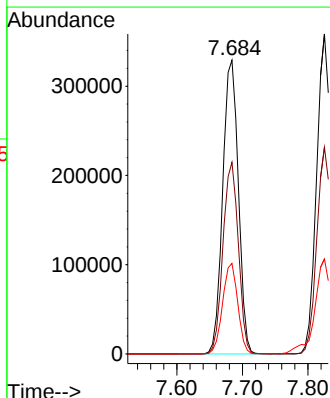
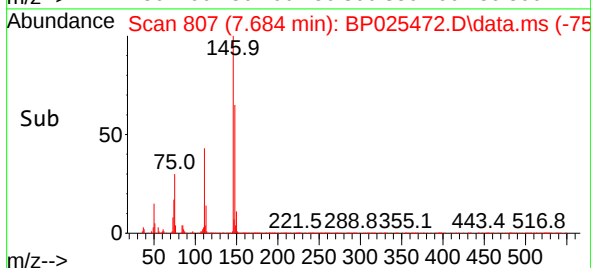
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

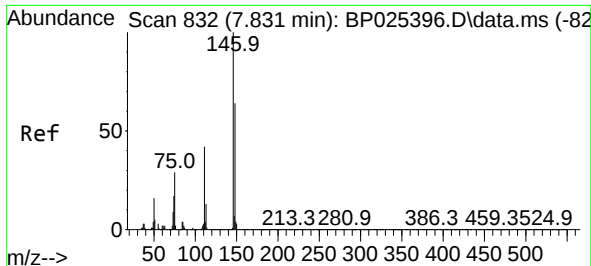


#12
1,3-Dichlorobenzene
Concen: 45.014 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06



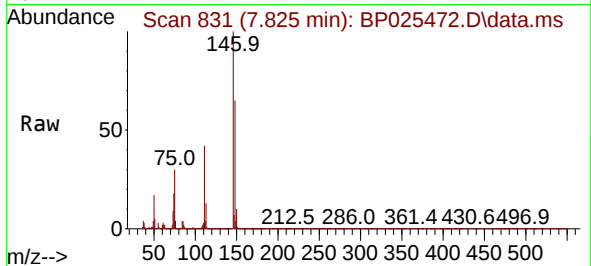
Tgt Ion:146 Resp: 543382
Ion Ratio Lower Upper
146 100
148 65.2 51.9 77.9
75 30.8 23.7 35.5





#13
1,4-Dichlorobenzene
Concen: 44.876 ng
RT: 7.825 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

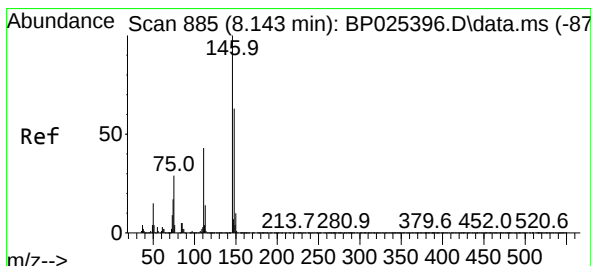
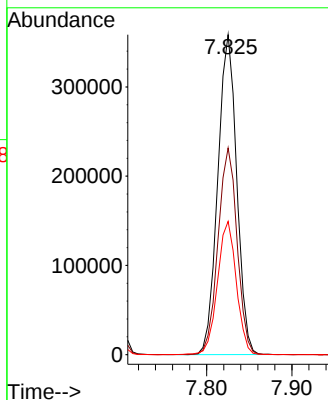
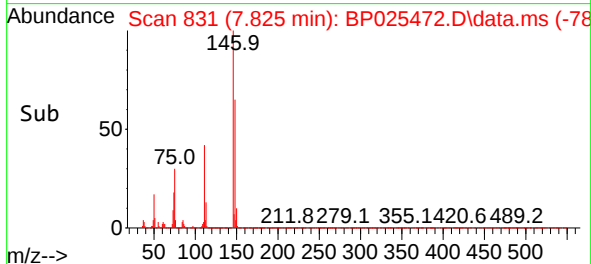
Instrument :
BNA_P
ClientSampleId :
PB169244BS



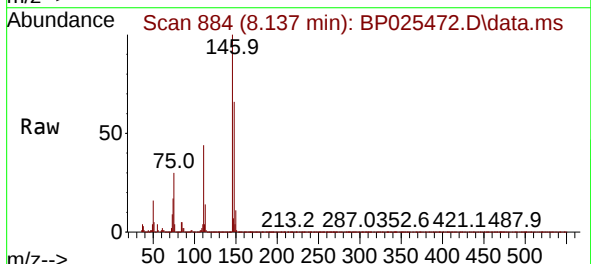
Tgt Ion:146 Resp: 55370
Ion Ratio Lower Upper
146 100
148 64.6 51.6 77.4
111 41.6 33.4 50.0

Manual Integrations
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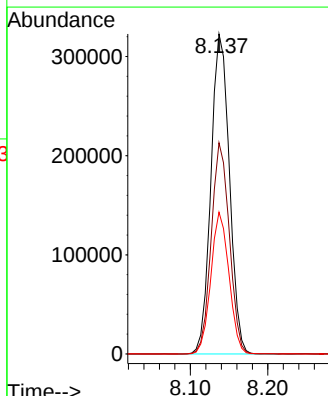
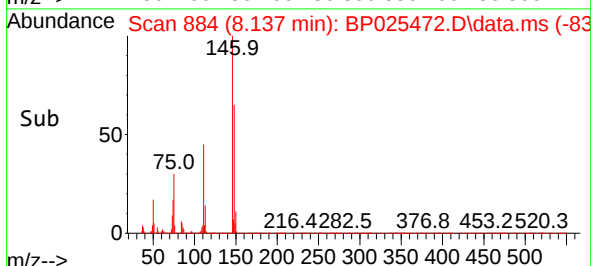
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

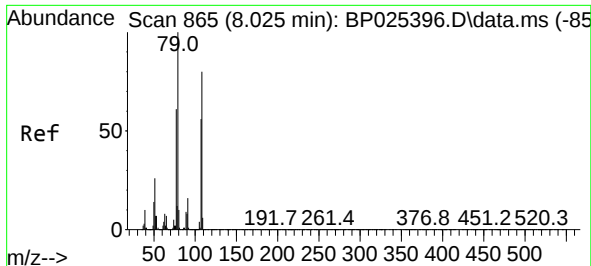


#14
1,2-Dichlorobenzene
Concen: 44.742 ng
RT: 8.137 min Scan# 884
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06



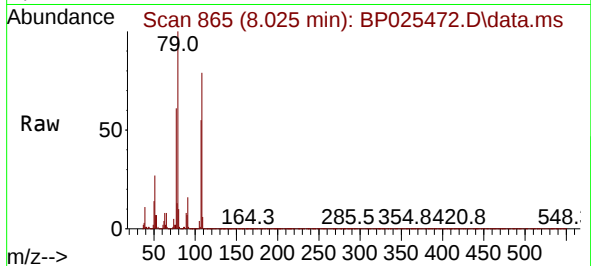
Tgt Ion:146 Resp: 534380
Ion Ratio Lower Upper
146 100
148 66.0 50.4 75.6
111 44.3 34.5 51.7





#15
Benzyl Alcohol
Concen: 44.974 ng
RT: 8.025 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

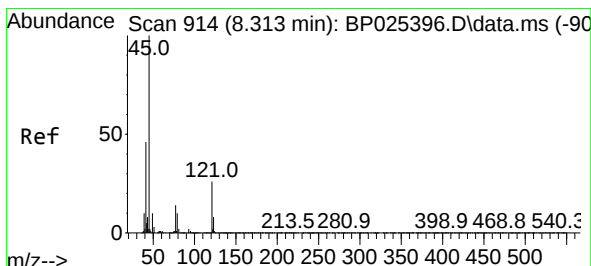
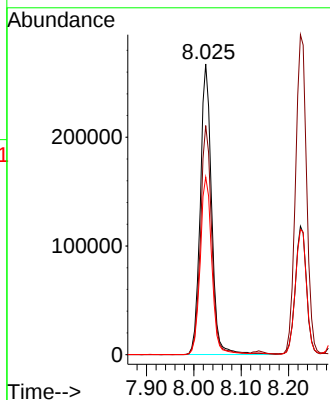
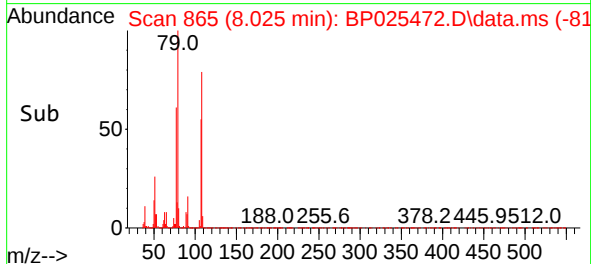
Instrument :
BNA_P
ClientSampleId :
PB169244BS



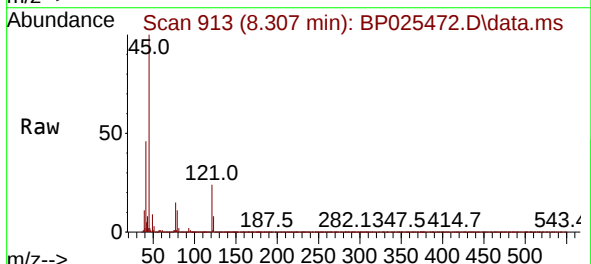
Tgt Ion: 79 Resp: 44447
Ion Ratio Lower Upper
79 100
108 78.8 63.8 95.6
77 61.1 49.0 73.4

Manual Integrations
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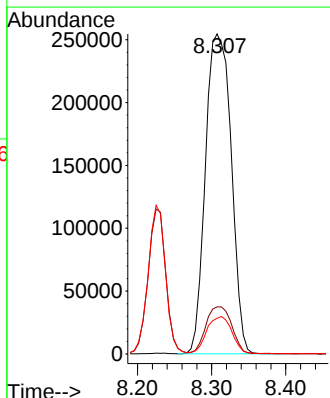
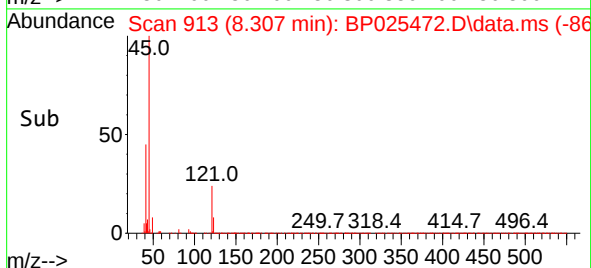
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

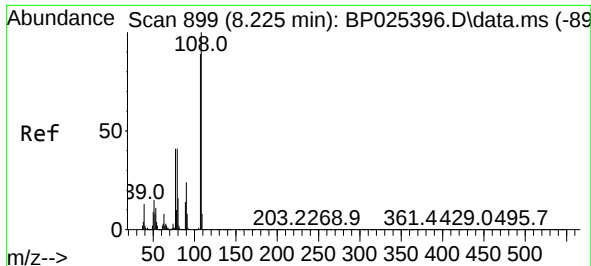


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.153 ng
RT: 8.307 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06



Tgt Ion: 45 Resp: 615310
Ion Ratio Lower Upper
45 100
77 14.7 0.0 35.3
79 11.1 0.0 31.8





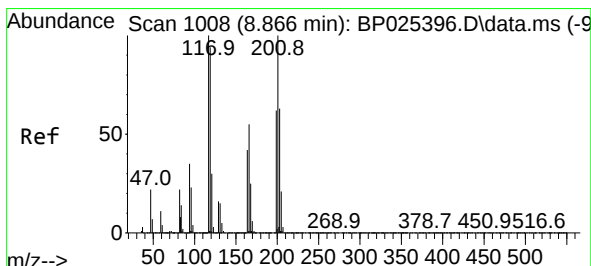
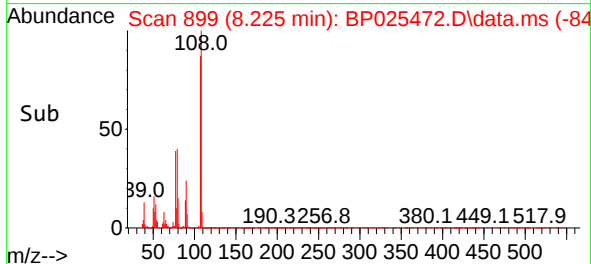
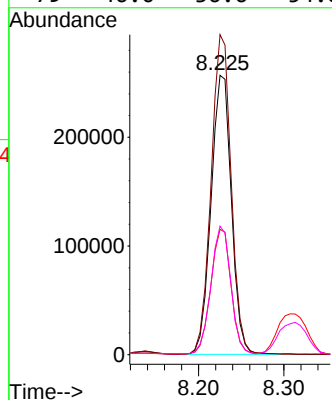
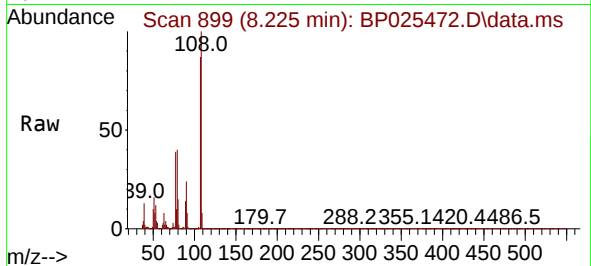
#17
2-Methylphenol
Concen: 46.879 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Instrument :
BNA_P
ClientSampleId :
PB169244BS

Tgt Ion:	107	Resp:	424929
Ion	Ratio	Lower	Upper
107	100		
108	114.5	89.4	134.0
77	44.9	36.3	54.5
79	46.0	36.6	54.8

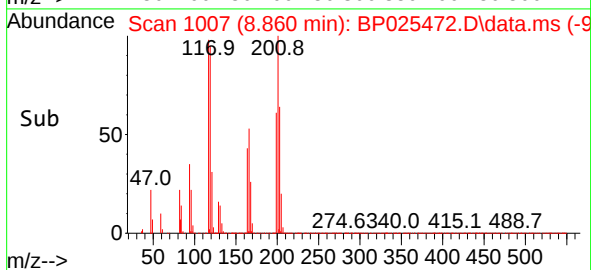
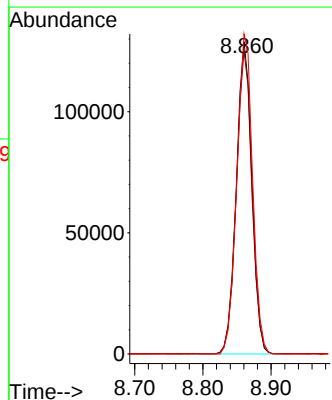
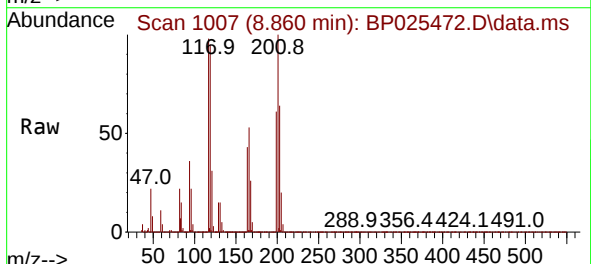
Manual Integrations
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Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#18
Hexachloroethane
Concen: 45.209 ng
RT: 8.860 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

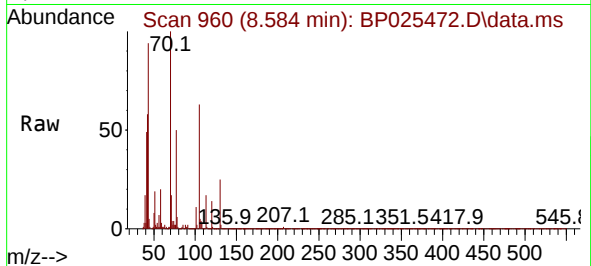
Tgt Ion:	117	Resp:	205091
Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.1	112.7
201	102.5	80.1	120.1





#19
n-Nitroso-di-n-propylamine
Concen: 42.121 ng
RT: 8.584 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

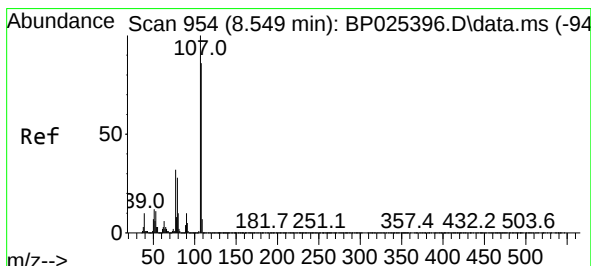
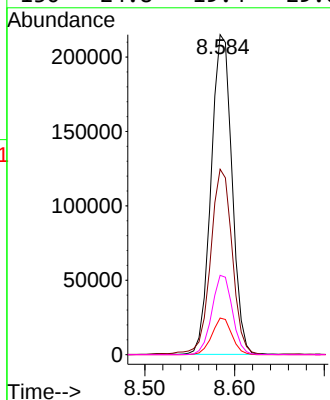
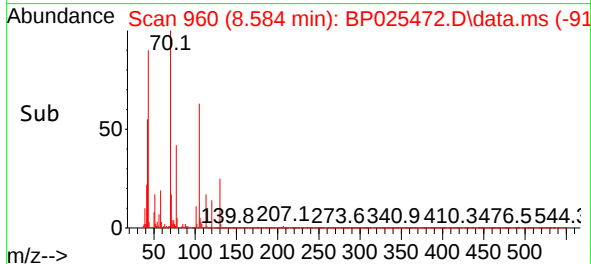
Instrument :
BNA_P
ClientSampleId :
PB169244BS



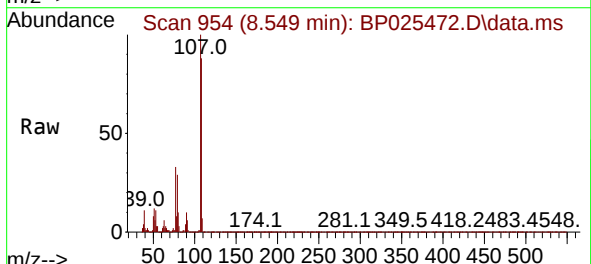
Tgt Ion: 70 Resp: 347018
Ion Ratio Lower Upper
70 100
42 58.0 43.8 65.6
101 11.4 8.5 12.7
130 24.8 19.4 29.0

Manual Integrations
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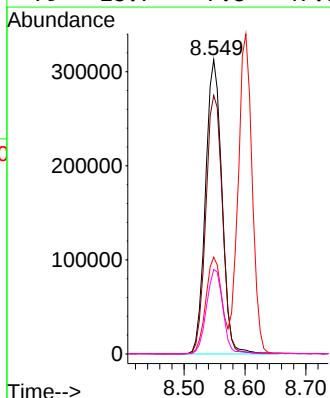
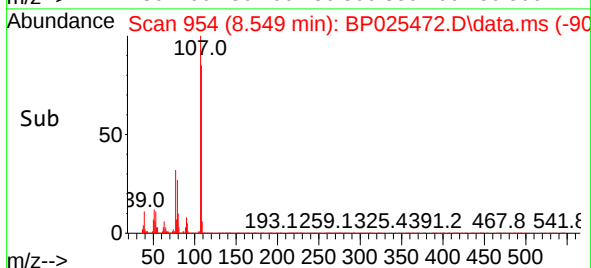
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

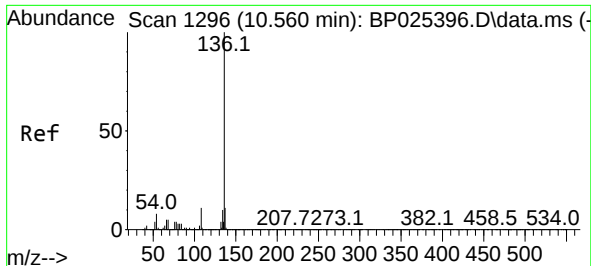


#20
3+4-Methylphenols
Concen: 46.577 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06



Tgt Ion:107 Resp: 585226
Ion Ratio Lower Upper
107 100
108 87.9 66.3 106.3
77 32.9 12.3 52.3
79 28.7 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Instrument :

BNA_P

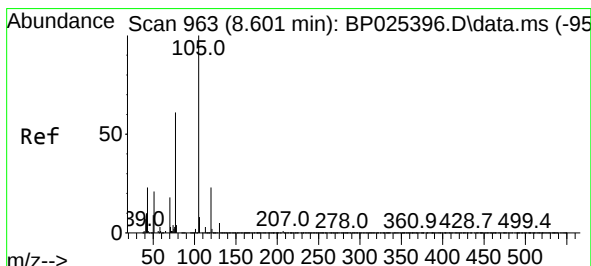
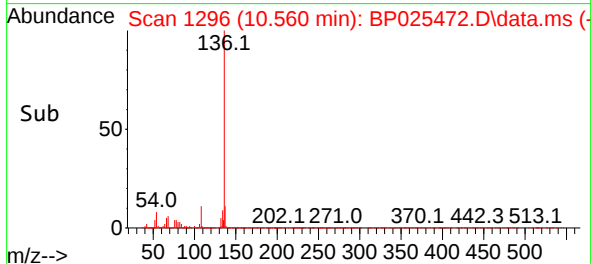
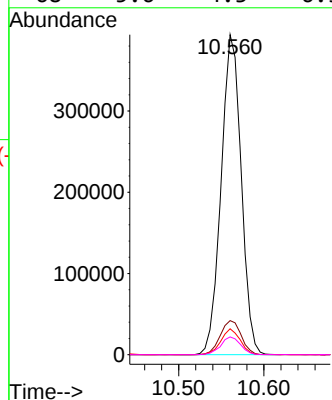
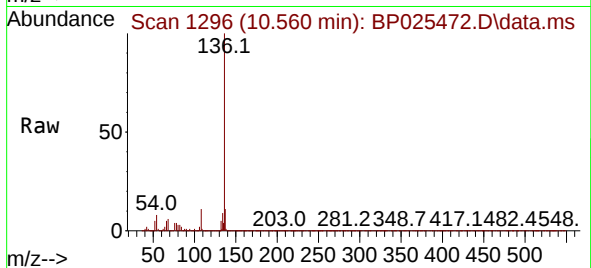
ClientSampleId :

PB169244BS

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	8.1	6.0	9.0
68	5.6	4.3	6.5

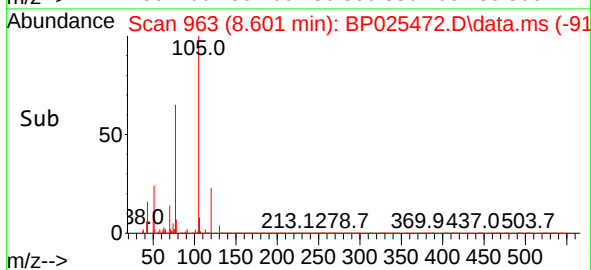
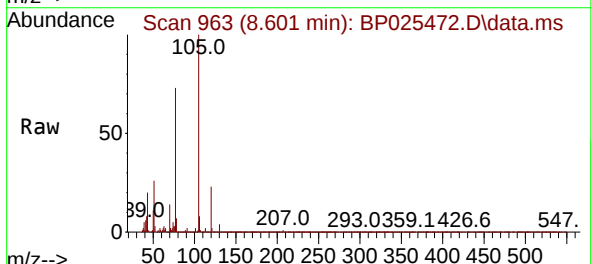
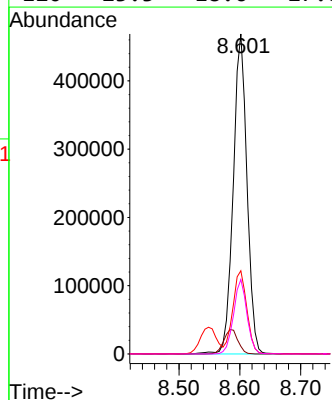
Manual Integrations
APPROVED

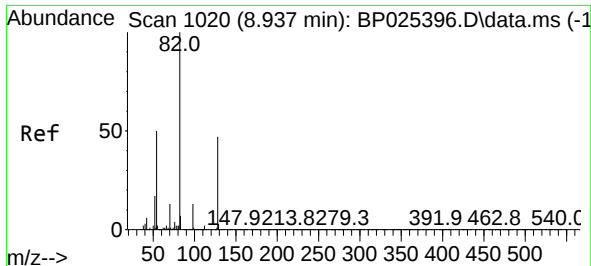
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#22
Acetophenone
Concen: 45.445 ng
RT: 8.601 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

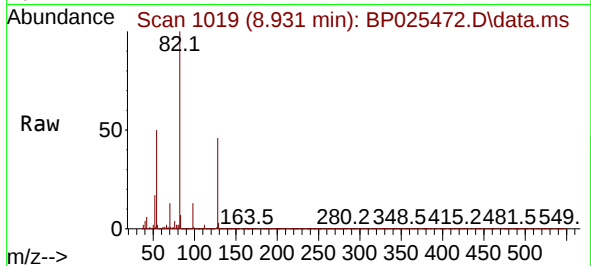
Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.4	2.6	4.0
51	26.0	20.6	30.8
120	23.3	18.6	27.8





#23
Nitrobenzene-d5
Concen: 82.423 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

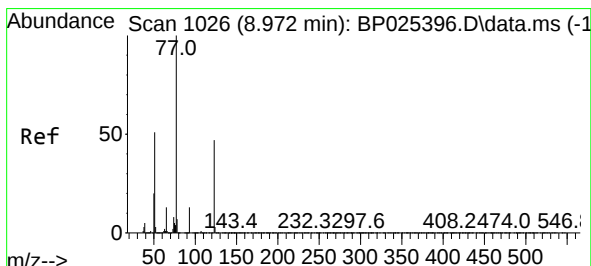
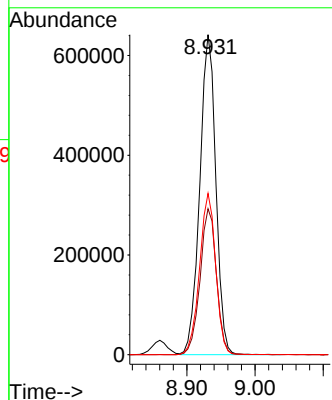
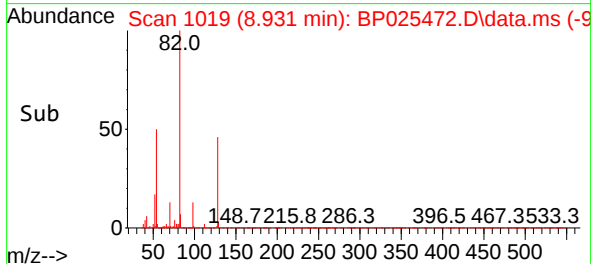
Instrument :
BNA_P
ClientSampleId :
PB169244BS



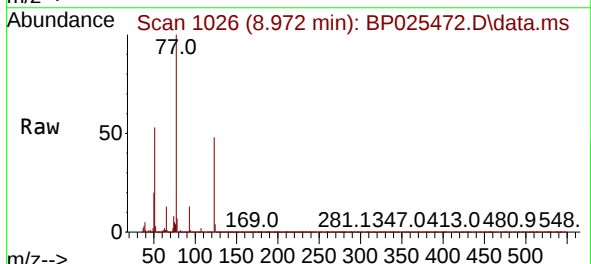
Tgt Ion: 82 Resp: 105088
Ion Ratio Lower Upper
82 100
128 45.6 37.7 56.5
54 50.4 39.8 59.6

Manual Integrations
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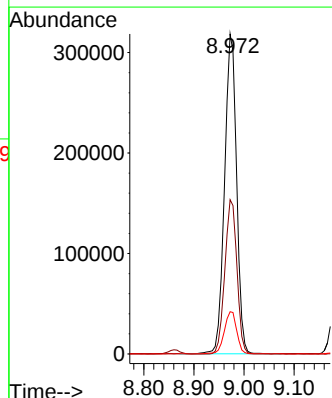
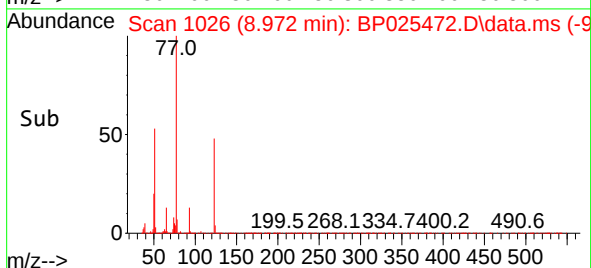
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

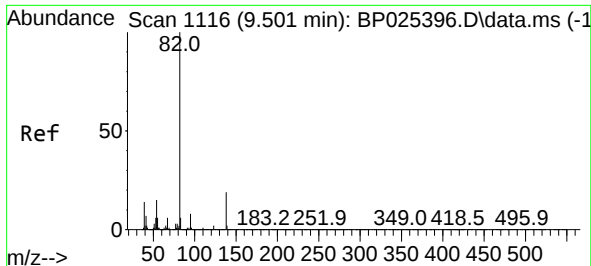


#24
Nitrobenzene
Concen: 46.610 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06



Tgt Ion: 77 Resp: 531108
Ion Ratio Lower Upper
77 100
123 48.2 38.6 58.0
65 13.2 10.6 15.8





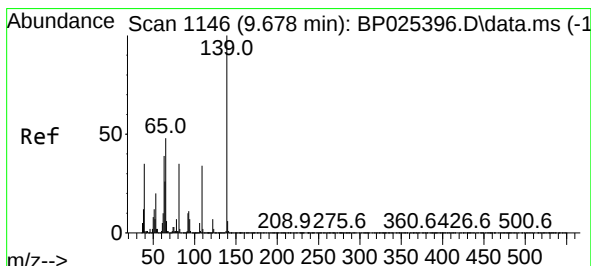
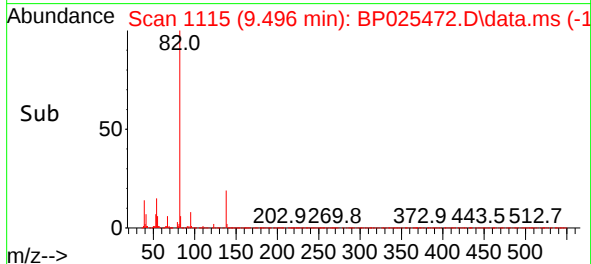
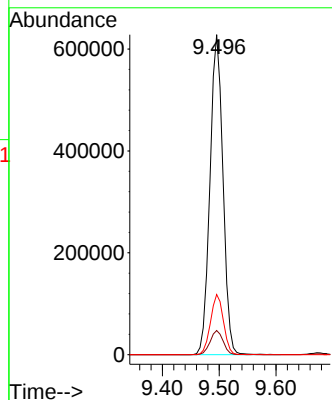
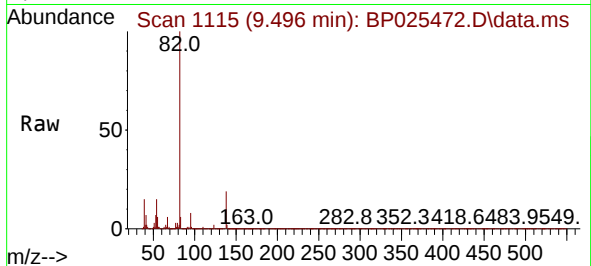
#25
Isophorone
Concen: 44.048 ng
RT: 9.496 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Instrument :
BNA_P
ClientSampleId :
PB169244BS

Tgt Ion: 82 Resp: 99389
Ion Ratio Lower Upper
82 100
95 7.5 6.4 9.6
138 18.8 15.4 23.0

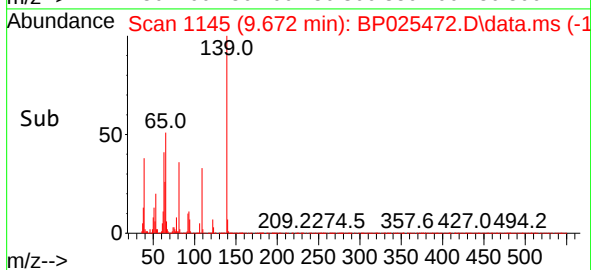
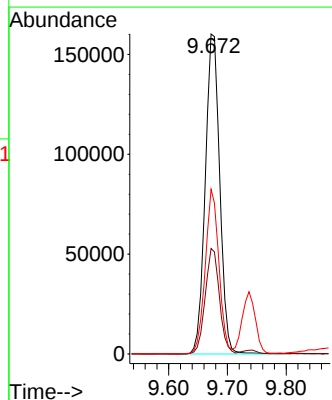
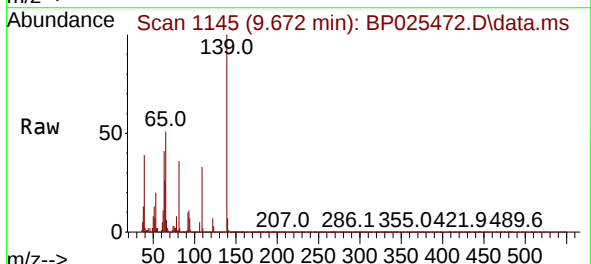
Manual Integrations
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Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#26
2-Nitrophenol
Concen: 46.827 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Tgt Ion:139 Resp: 273836
Ion Ratio Lower Upper
139 100
109 32.9 26.9 40.3
65 51.5 38.3 57.5





#27
2,4-Dimethylphenol
Concen: 47.669 ng
RT: 9.737 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Instrument :

BNA_P

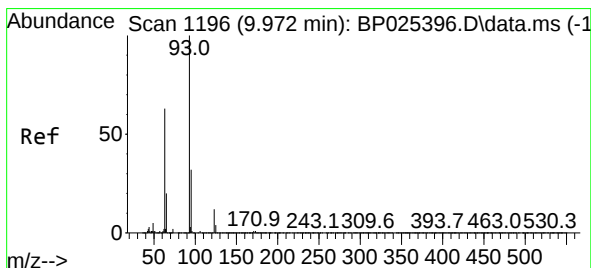
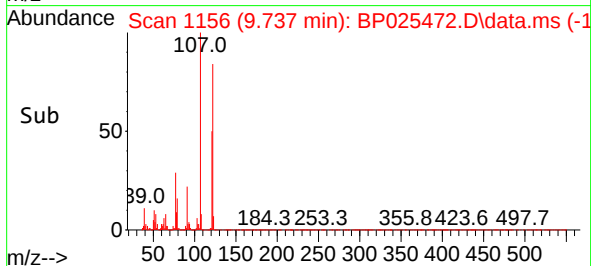
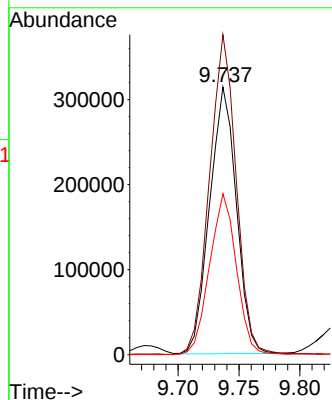
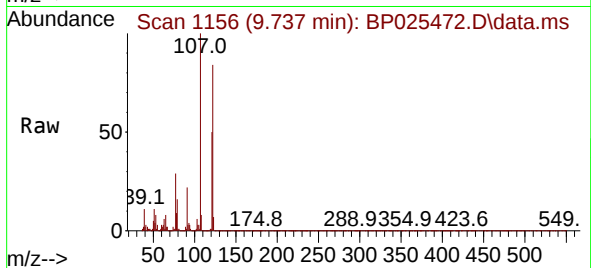
ClientSampleId :

PB169244BS

Tgt Ion:122 Resp: 47938
Ion Ratio Lower Upper
122 100
107 119.5 93.7 140.5
121 60.1 46.6 69.8

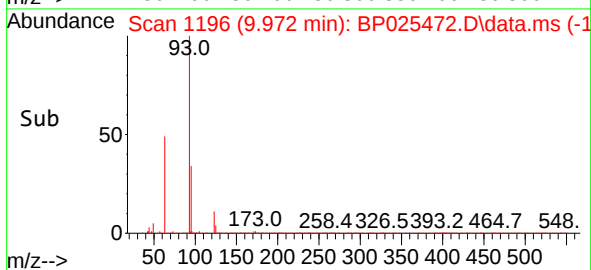
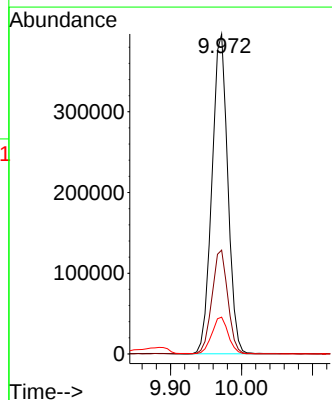
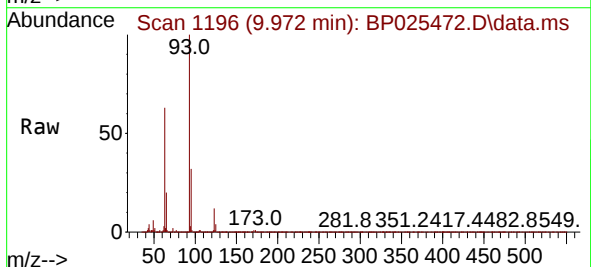
Manual Integrations
APPROVED

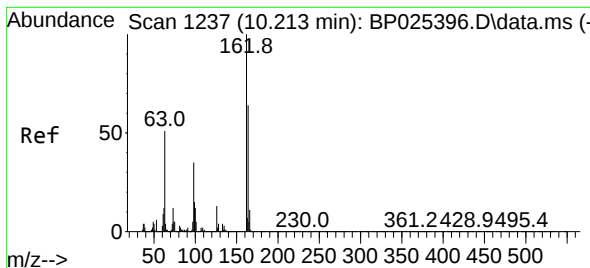
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#28
bis(2-Chloroethoxy)methane
Concen: 44.988 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Tgt Ion: 93 Resp: 613611
Ion Ratio Lower Upper
93 100
95 32.4 25.4 38.0
123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 49.210 ng

RT: 10.213 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BP025472.D

Acq: 19 Aug 2025 12:06

Instrument :

BNA_P

ClientSampleId :

PB169244BS

Tgt Ion:162 Resp: 491610

Ion Ratio Lower Upper

162 100

164 63.1 44.4 84.4

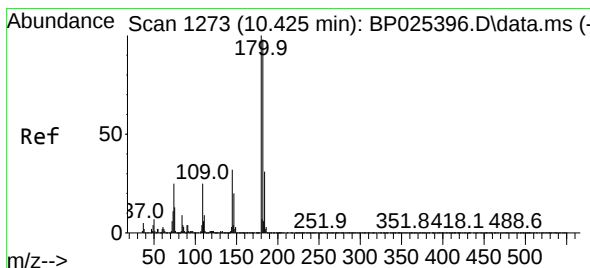
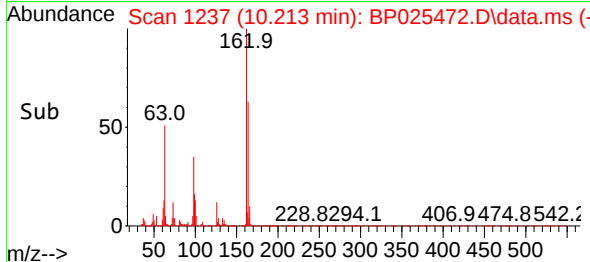
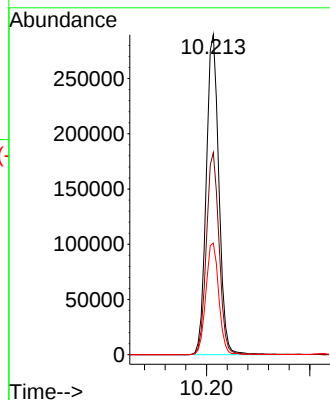
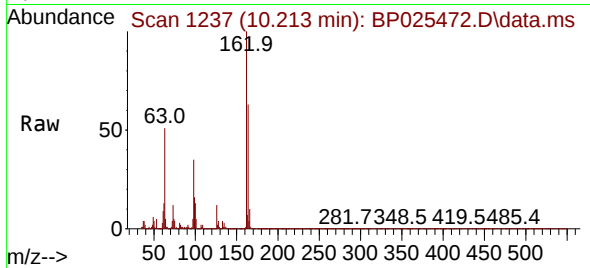
98 34.9 14.9 54.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#30

1,2,4-Trichlorobenzene

Concen: 45.218 ng

RT: 10.425 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BP025472.D

Acq: 19 Aug 2025 12:06

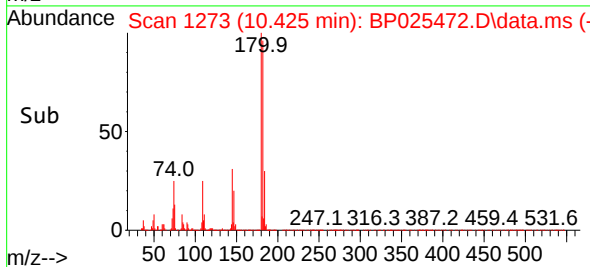
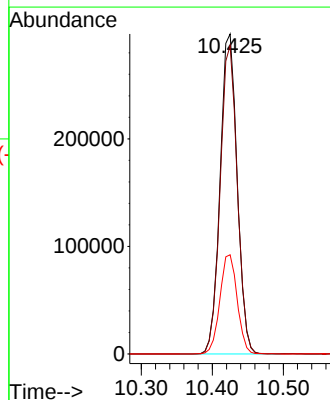
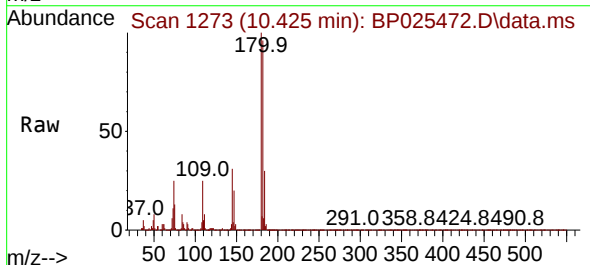
Tgt Ion:180 Resp: 495197

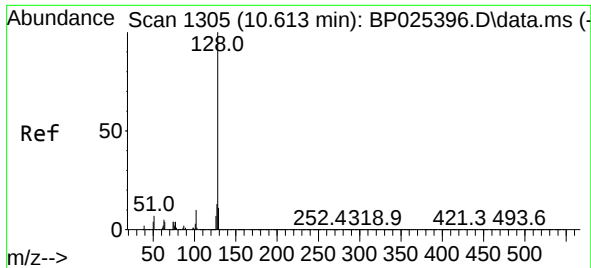
Ion Ratio Lower Upper

180 100

182 96.4 78.0 117.0

145 31.0 25.9 38.9





#31
Naphthalene
Concen: 45.778 ng
RT: 10.607 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Instrument :

BNP_P

ClientSampleId :

PB169244BS

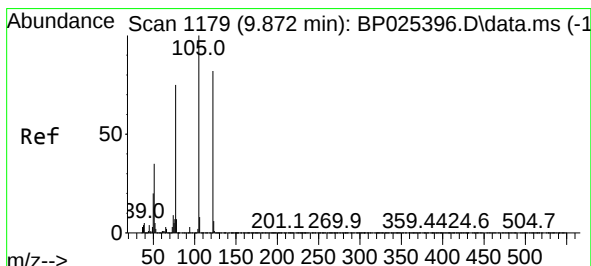
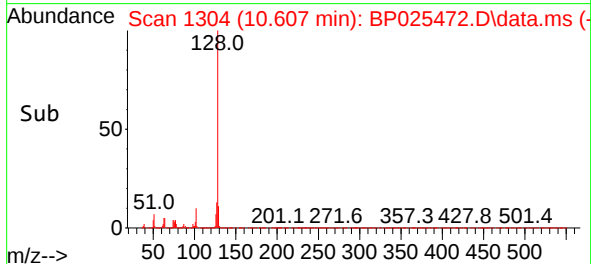
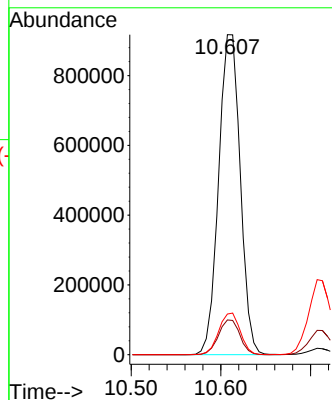
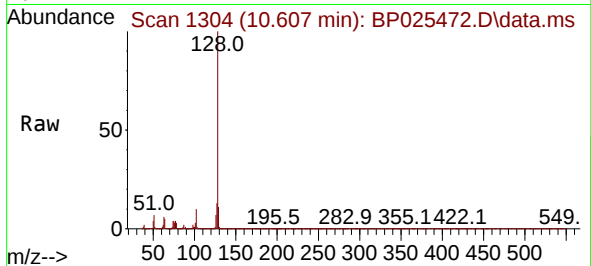
Tgt Ion:128 Resp: 153456
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.7 10.7 16.1

Manual Integrations

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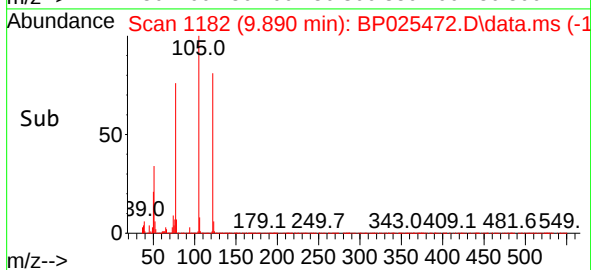
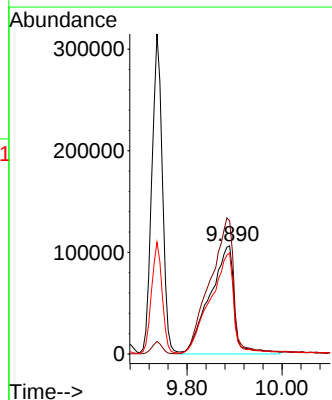
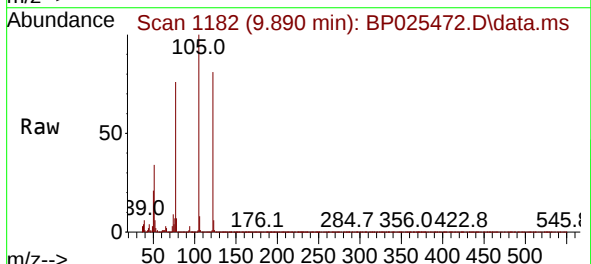
Reviewed By :Rahul Chavli 08/20/2025

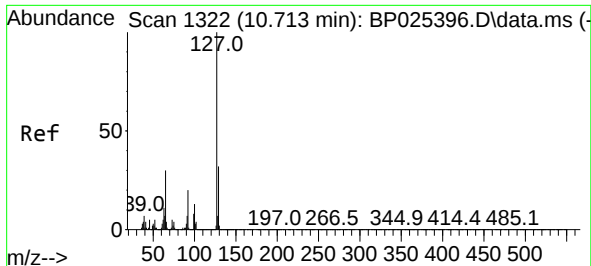
Supervised By :Jagrut Upadhyay 08/20/2025



#32
Benzoic acid
Concen: 51.543 ng m
RT: 9.890 min Scan# 1182
Delta R.T. 0.018 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Tgt Ion:122 Resp: 382681
Ion Ratio Lower Upper
122 100
105 123.0 100.6 140.6
77 93.3 71.5 111.5





#33
4-Chloroaniline
Concen: 26.321 ng
RT: 10.707 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Instrument :

BNA_P

ClientSampleId :

PB169244BS

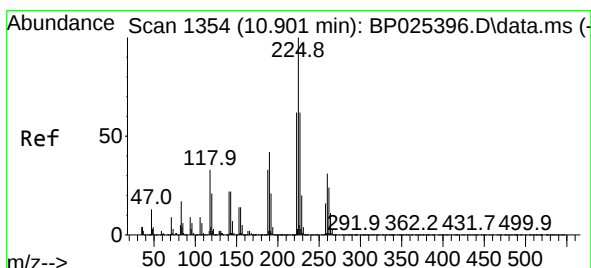
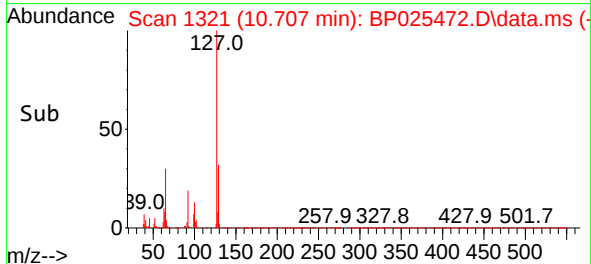
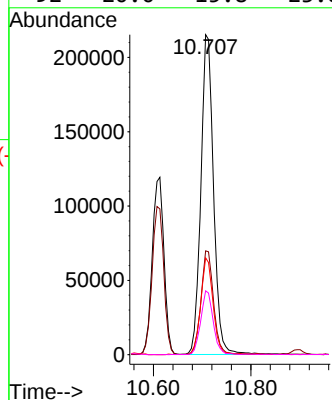
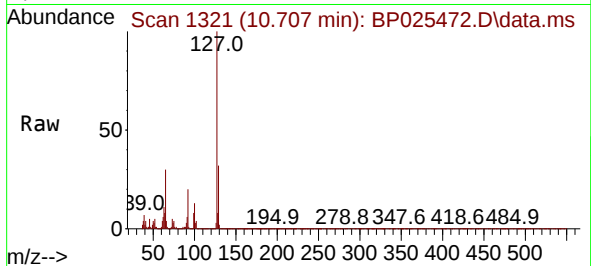
Tgt Ion:127 Resp: 38974
Ion Ratio Lower Upper
127 100
129 32.4 25.4 38.2
65 30.3 23.8 35.6
92 20.0 15.8 23.8

Manual Integrations

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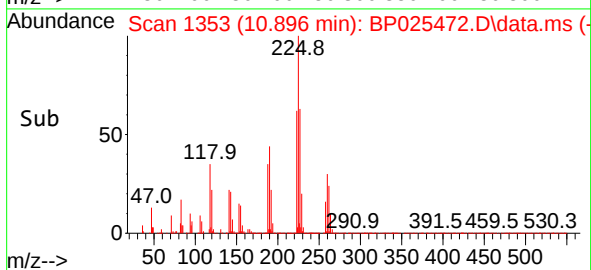
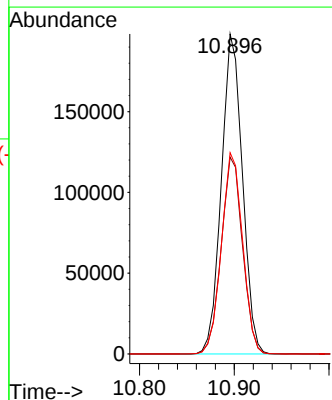
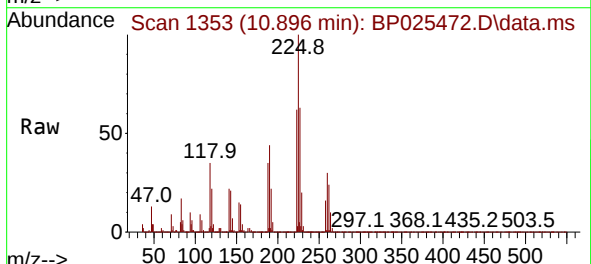
Reviewed By :Rahul Chavli 08/20/2025

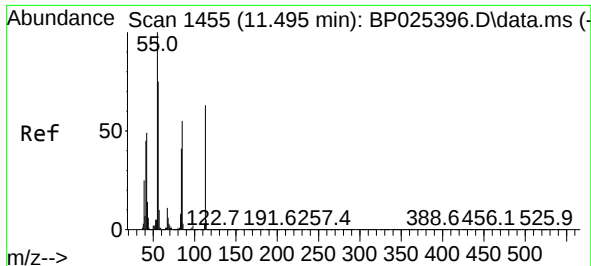
Supervised By :Jagrut Upadhyay 08/20/2025



#34
Hexachlorobutadiene
Concen: 44.872 ng
RT: 10.896 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

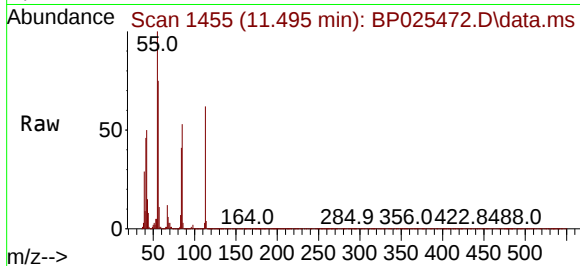
Tgt Ion:225 Resp: 306039
Ion Ratio Lower Upper
225 100
223 61.5 50.0 75.0
227 62.9 49.7 74.5





#35
Caprolactam
Concen: 47.476 ng
RT: 11.495 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

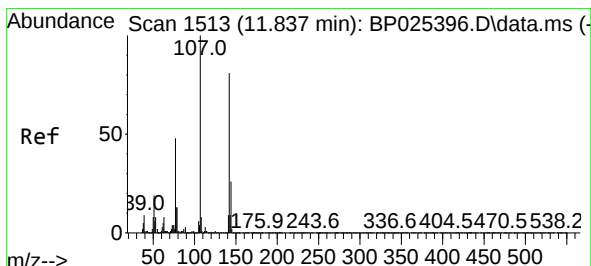
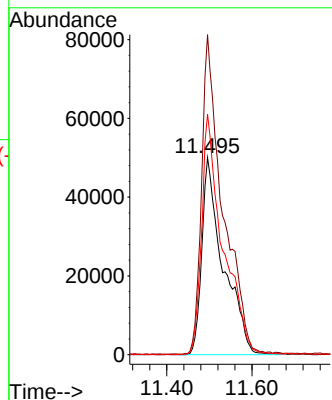
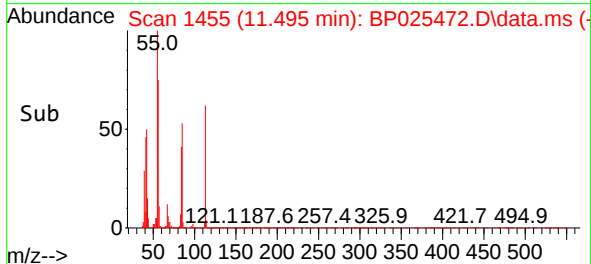
Instrument :
BNA_P
ClientSampleId :
PB169244BS



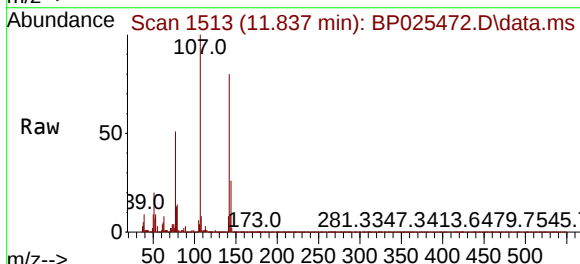
Tgt Ion:113 Resp: 173914
Ion Ratio Lower Upper
113 100
55 162.3 140.0 180.0
56 122.1 100.0 140.0

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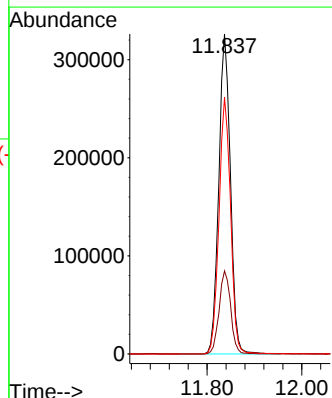
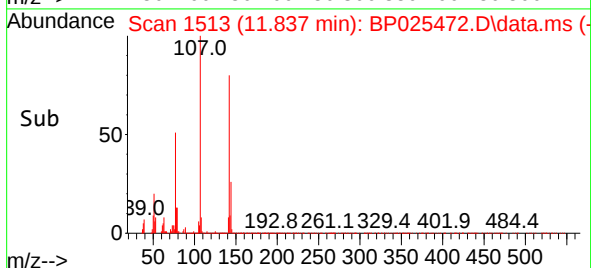
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

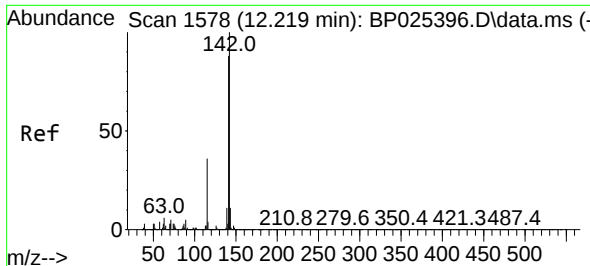


#36
4-Chloro-3-methylphenol
Concen: 48.473 ng
RT: 11.837 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06



Tgt Ion:107 Resp: 555661
Ion Ratio Lower Upper
107 100
144 25.9 21.0 31.4
142 80.1 64.6 97.0





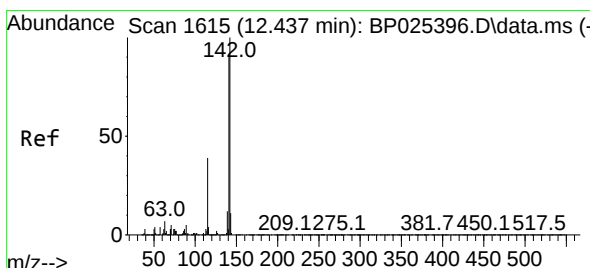
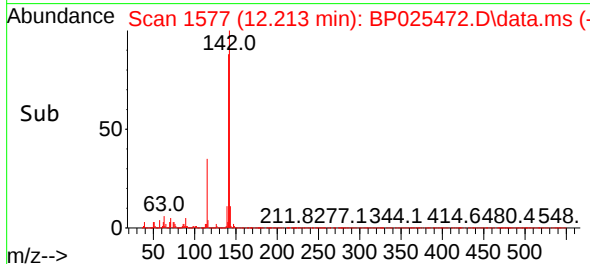
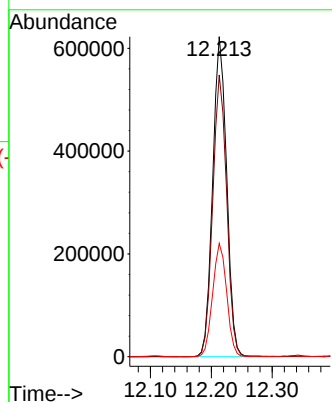
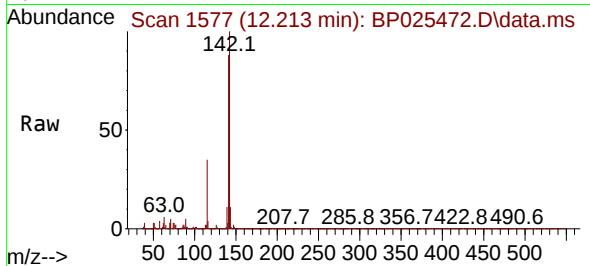
#37
2-Methylnaphthalene
Concen: 45.516 ng
RT: 12.213 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Instrument :
BNA_P
ClientSampleId :
PB169244BS

Tgt Ion:142 Resp: 992930
Ion Ratio Lower Upper
142 100
141 88.0 70.3 105.5
115 35.4 28.9 43.3

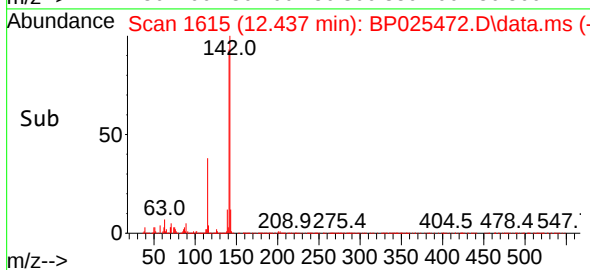
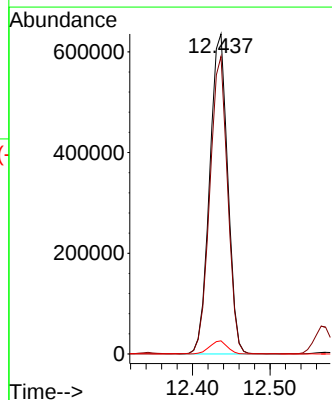
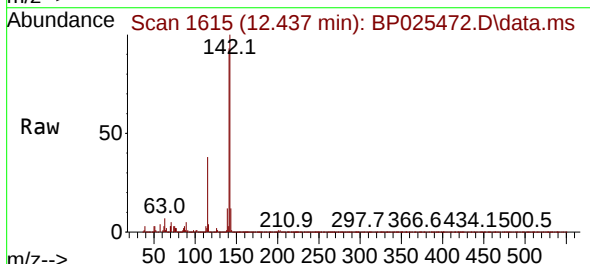
Manual Integrations
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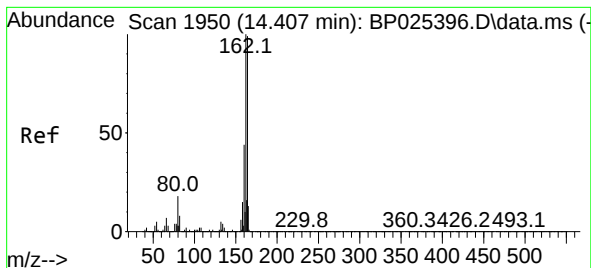
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#38
1-Methylnaphthalene
Concen: 44.374 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Tgt Ion:142 Resp: 1029457
Ion Ratio Lower Upper
142 100
141 92.9 73.1 109.7
116 4.1 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.401 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP025472.D

Acq: 19 Aug 2025 12:06

Instrument :

BNA_P

ClientSampleId :

PB169244BS

Tgt Ion:164 Resp: 415960

Ion Ratio Lower Upper

164 100

162 100.5 81.0 121.6

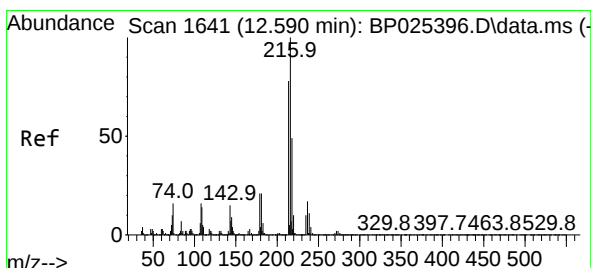
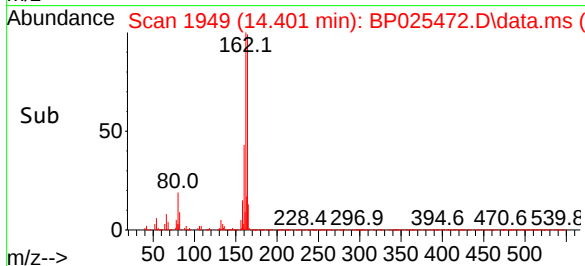
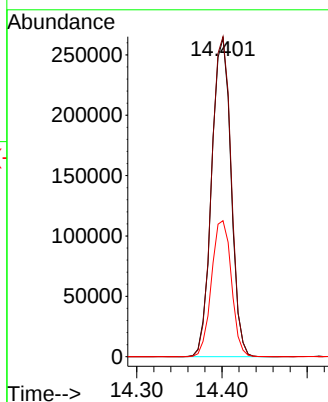
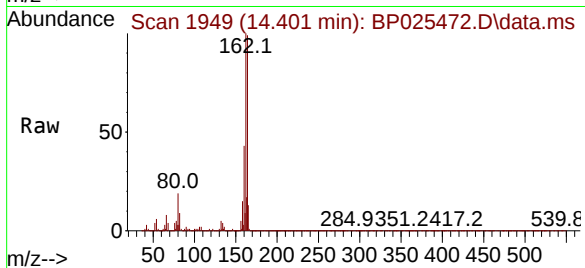
160 42.7 35.4 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.113 ng

RT: 12.584 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BP025472.D

Acq: 19 Aug 2025 12:06

Tgt Ion:216 Resp: 553975

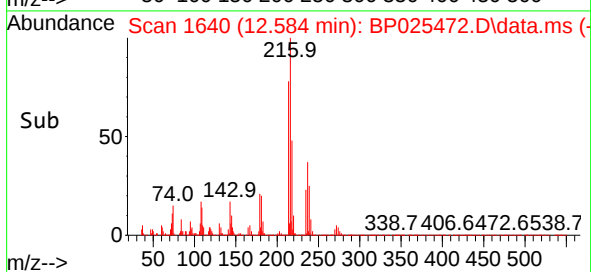
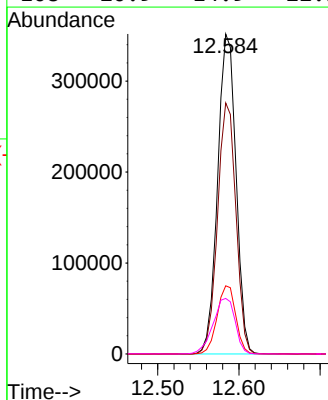
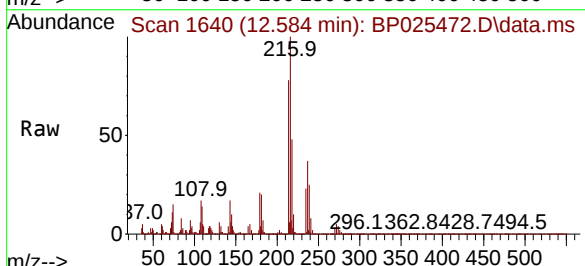
Ion Ratio Lower Upper

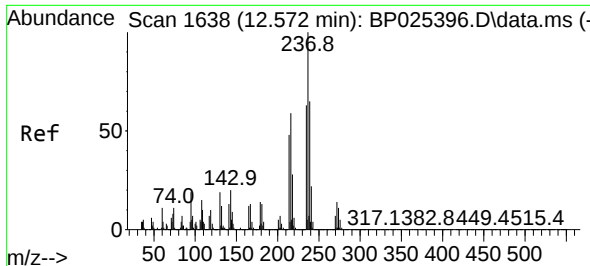
216 100

214 78.5 63.0 94.4

179 21.6 17.1 25.7

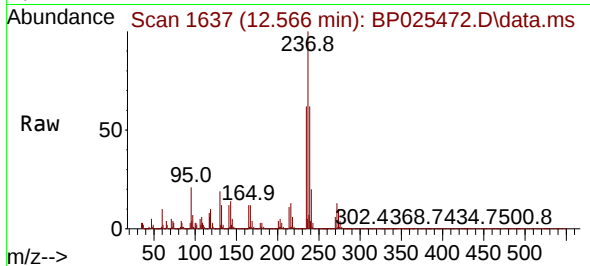
108 20.9 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 92.369 ng
RT: 12.566 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

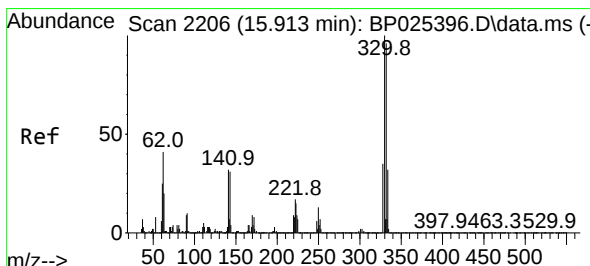
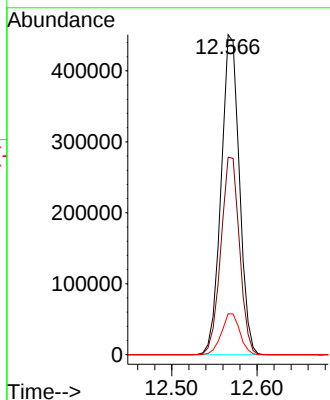
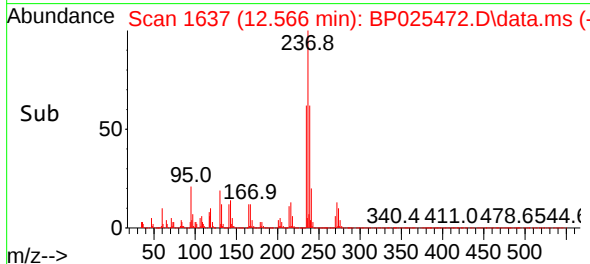
Instrument :
BNA_P
ClientSampleId :
PB169244BS



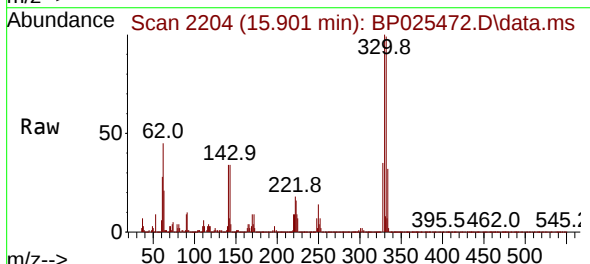
Tgt Ion: 237 Resp: 67028
Ion Ratio Lower Upper
237 100
235 61.7 42.7 82.7
272 12.8 0.0 34.0

Manual Integrations
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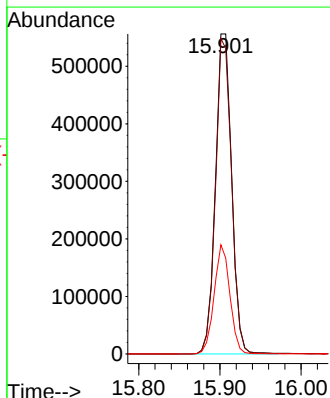
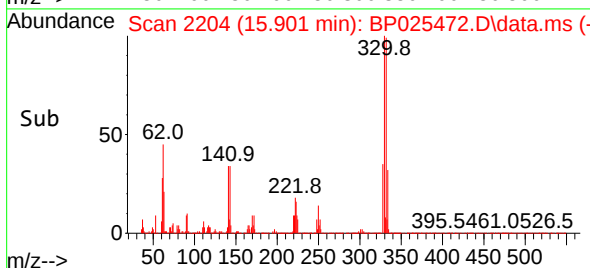
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

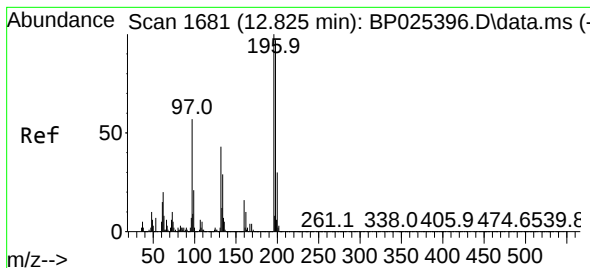


#42
2,4,6-Tribromophenol
Concen: 138.474 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06



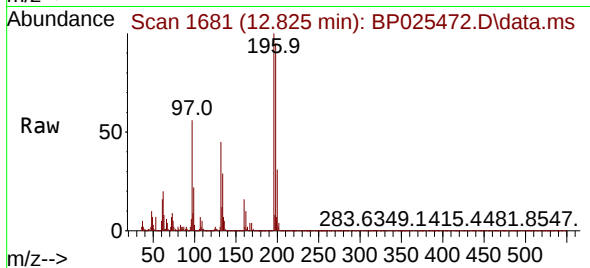
Tgt Ion: 330 Resp: 775299
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 33.1 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 50.417 ng
RT: 12.825 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

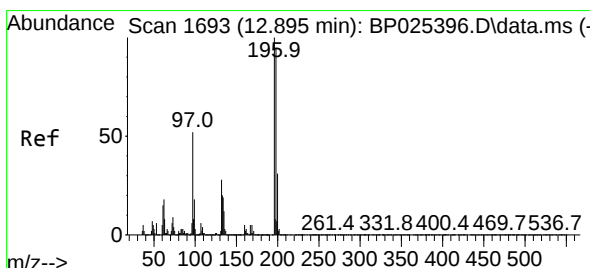
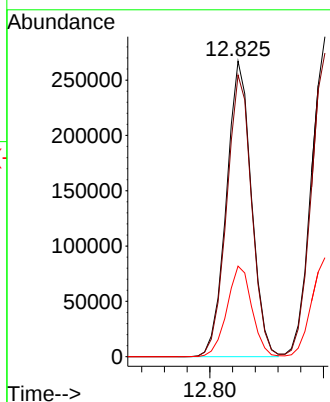
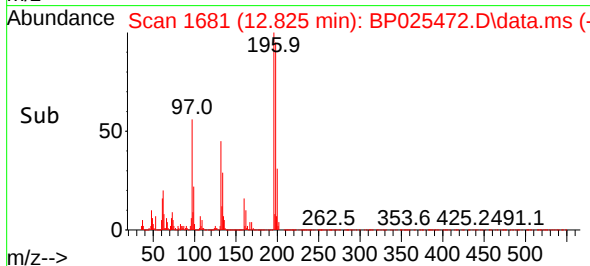
Instrument :
BNA_P
ClientSampleId :
PB169244BS



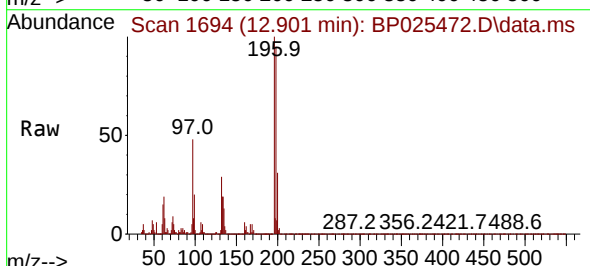
Tgt Ion:196 Resp: 408898
Ion Ratio Lower Upper
196 100
198 95.3 77.2 115.8
200 30.7 23.9 35.9

Manual Integrations
APPROVED

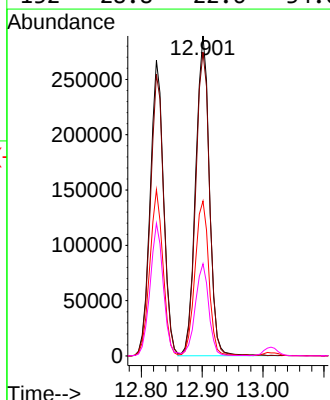
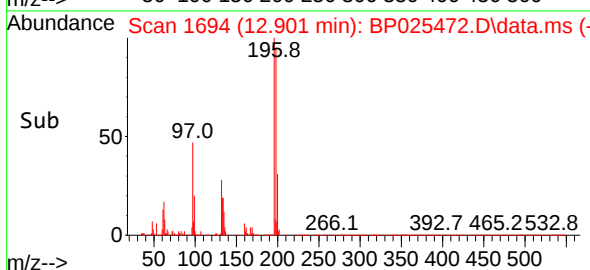
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

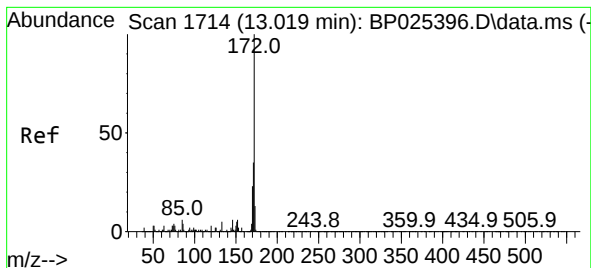


#44
2,4,5-Trichlorophenol
Concen: 50.941 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06



Tgt Ion:196 Resp: 452804
Ion Ratio Lower Upper
196 100
198 94.9 76.2 114.2
97 48.4 41.2 61.8
132 28.8 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 81.083 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Instrument :

BNA_P

ClientSampleId :

PB169244BS

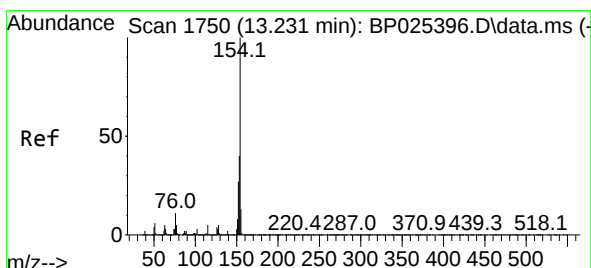
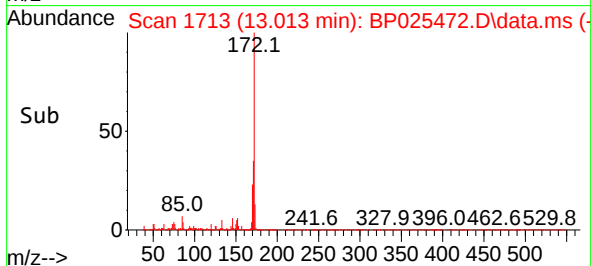
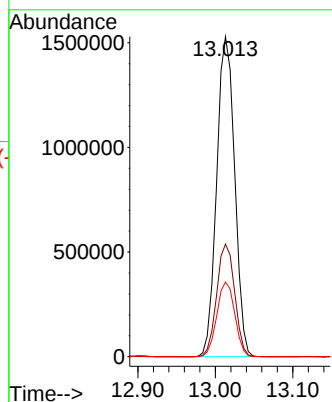
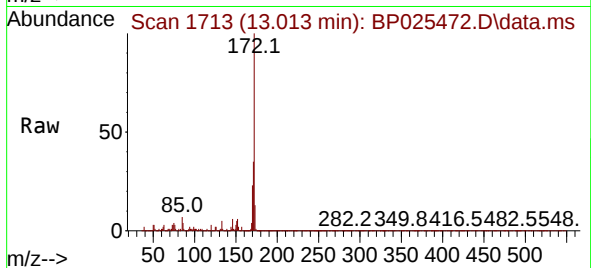
Tgt Ion:172 Resp: 2467804
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.3 18.6 28.0

Manual Integrations

APPROVED

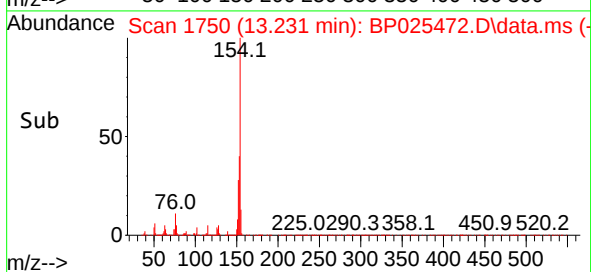
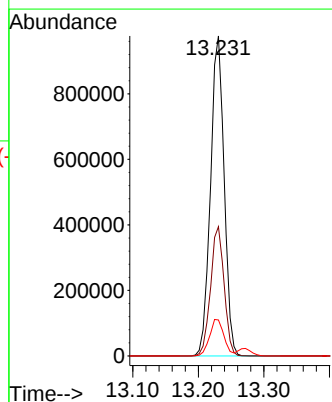
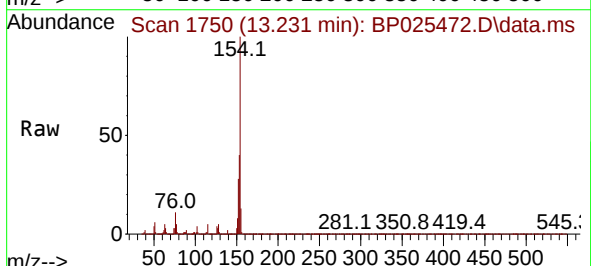
Reviewed By :Rahul Chavli 08/20/2025

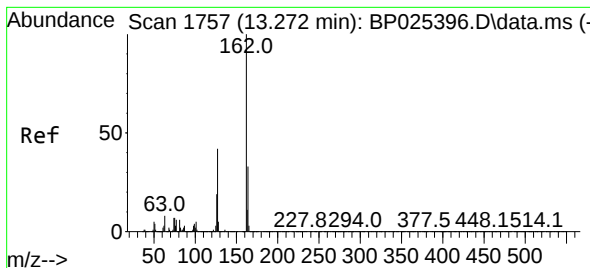
Supervised By :Jagrut Upadhyay 08/20/2025



#46
1,1'-Biphenyl
Concen: 46.746 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Tgt Ion:154 Resp: 1412174
Ion Ratio Lower Upper
154 100
153 40.4 19.5 59.5
76 11.3 0.0 31.1





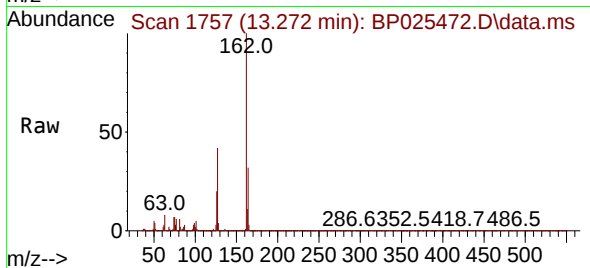
#47
2-Chloronaphthalene
Concen: 46.557 ng
RT: 13.272 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Instrument :

BNA_P

ClientSampleId :

PB169244BS



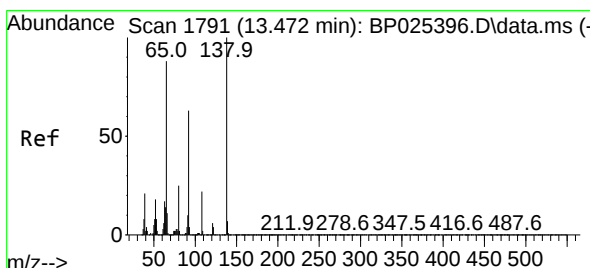
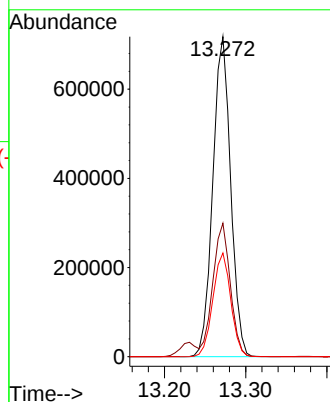
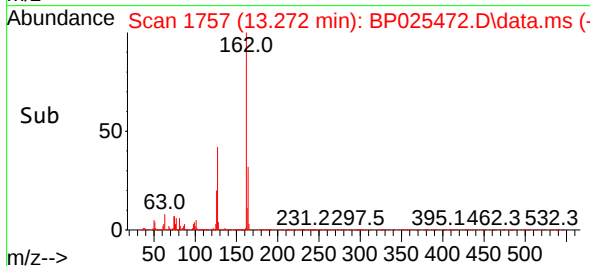
Tgt Ion:162 Resp: 1094908
Ion Ratio Lower Upper
162 100
127 41.7 33.4 50.2
164 32.4 26.2 39.2

Manual Integrations

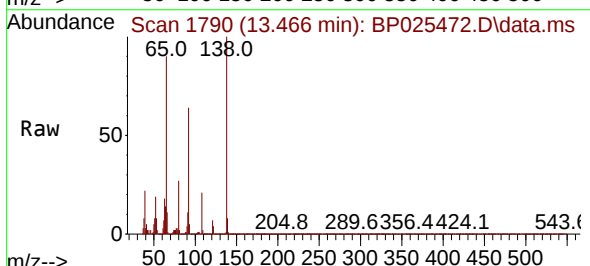
APPROVED

Reviewed By :Rahul Chavli 08/20/2025

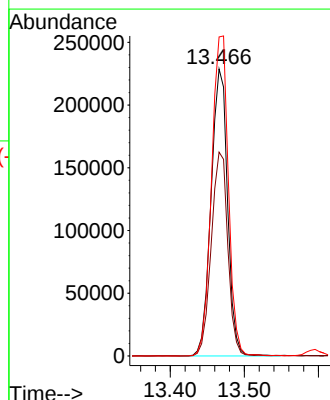
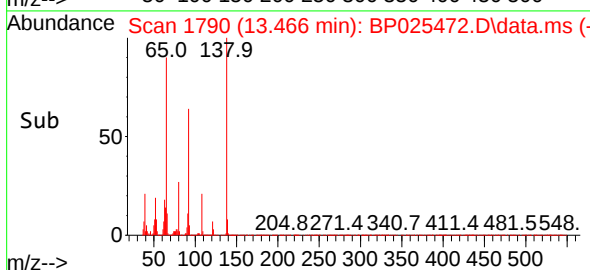
Supervised By :Jagrut Upadhyay 08/20/2025

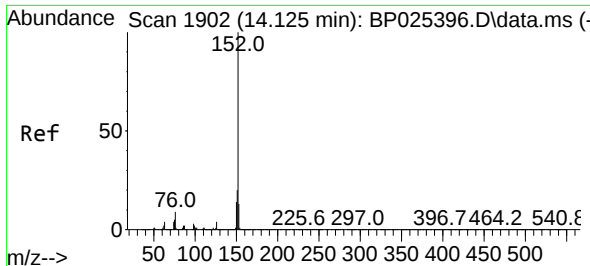


#48
2-Nitroaniline
Concen: 51.571 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06



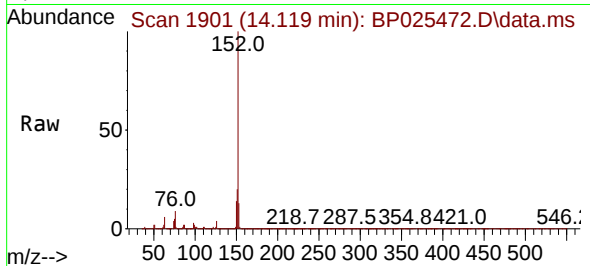
Tgt Ion: 65 Resp: 353391
Ion Ratio Lower Upper
65 100
92 71.0 57.6 86.4
138 111.2 91.0 136.6





#49
Acenaphthylene
Concen: 48.171 ng
RT: 14.119 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

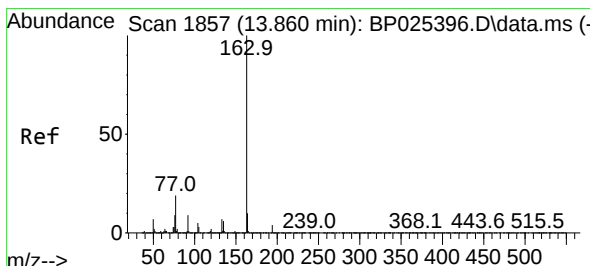
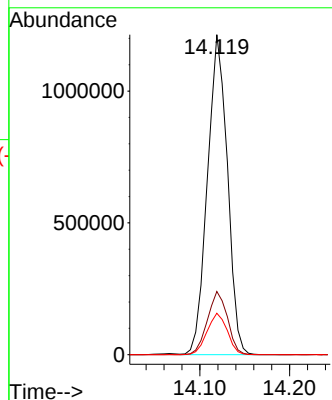
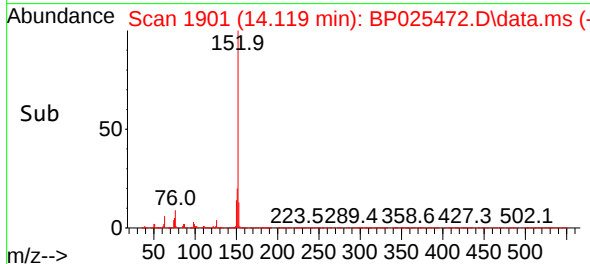
Instrument :
BNA_P
ClientSampleId :
PB169244BS



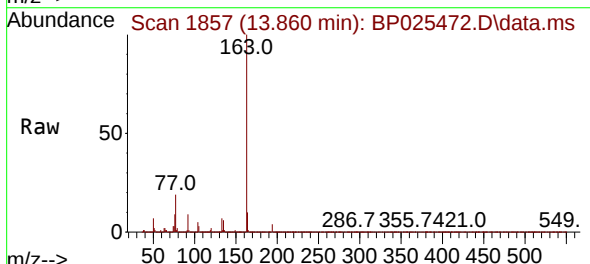
Tgt Ion:152 Resp: 187457
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.0 10.6 15.8

Manual Integrations
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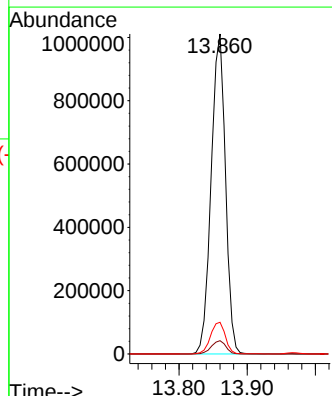
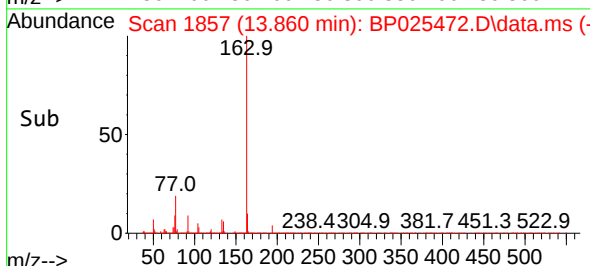
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

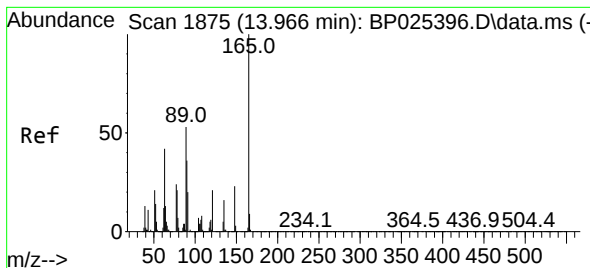


#50
Dimethylphthalate
Concen: 48.478 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06



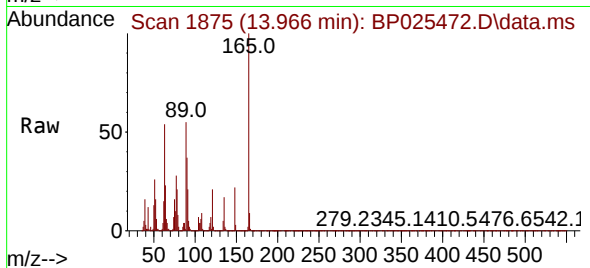
Tgt Ion:163 Resp: 1476660
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.9 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 49.910 ng
RT: 13.966 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

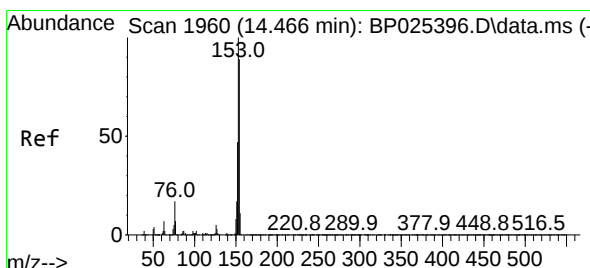
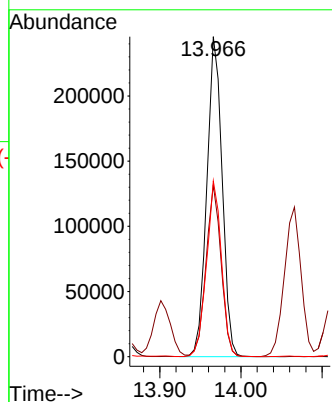
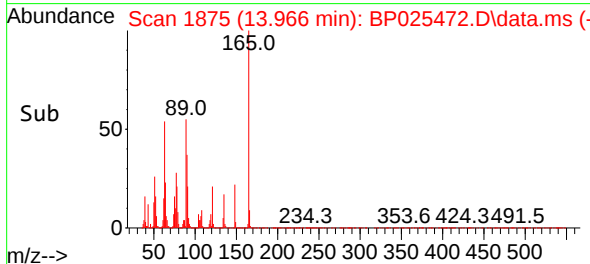
Instrument :
BNA_P
ClientSampleId :
PB169244BS



Tgt Ion:165 Resp: 320420
Ion Ratio Lower Upper
165 100
63 53.6 40.9 61.3
89 54.9 42.1 63.1

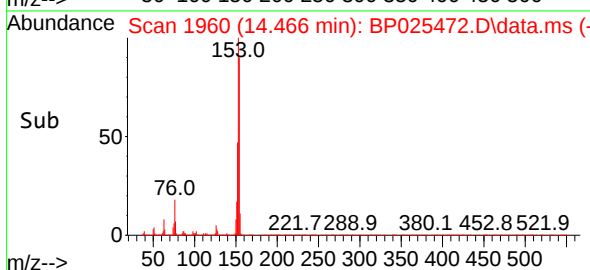
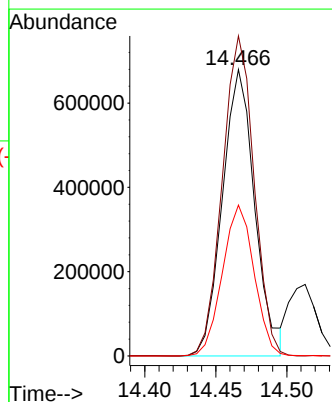
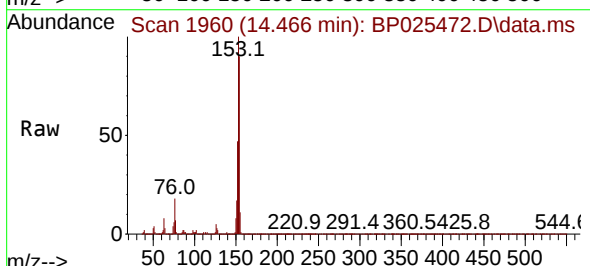
Manual Integrations
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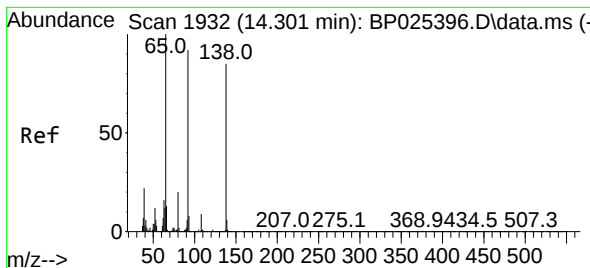
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#52
Acenaphthene
Concen: 47.143 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

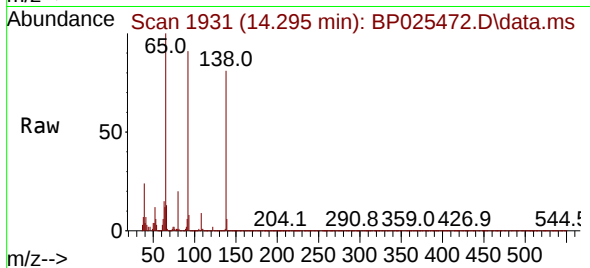
Tgt Ion:154 Resp: 1076858
Ion Ratio Lower Upper
154 100
153 111.7 90.2 135.2
152 52.7 42.1 63.1





#53
3-Nitroaniline
Concen: 35.296 ng
RT: 14.295 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

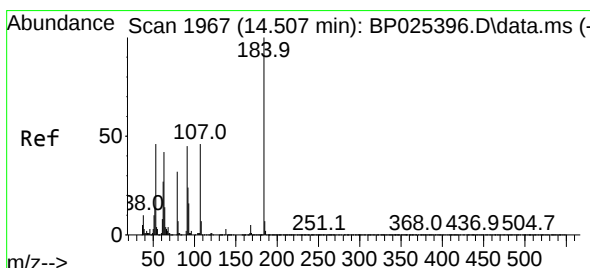
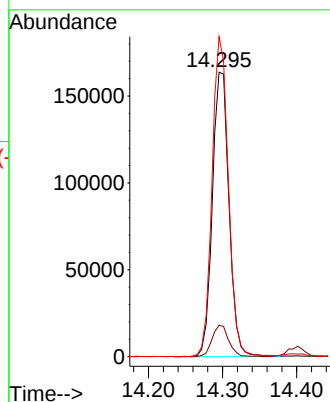
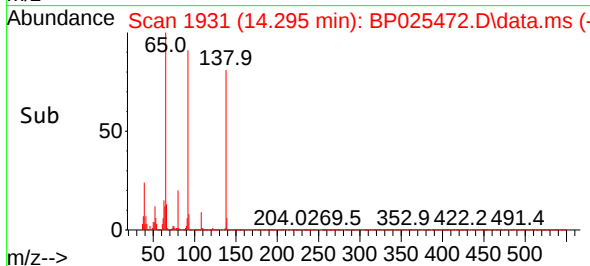
Instrument :
BNA_P
ClientSampleId :
PB169244BS



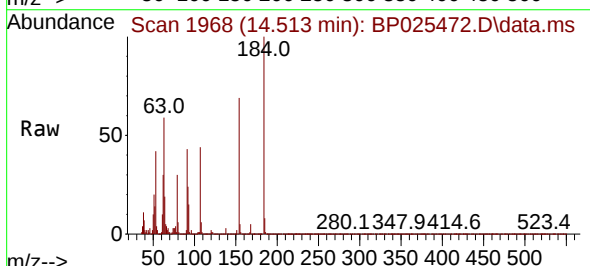
Tgt Ion:138 Resp: 25495
Ion Ratio Lower Upper
138 100
108 11.0 8.3 12.5
92 112.5 86.2 129.2

Manual Integrations
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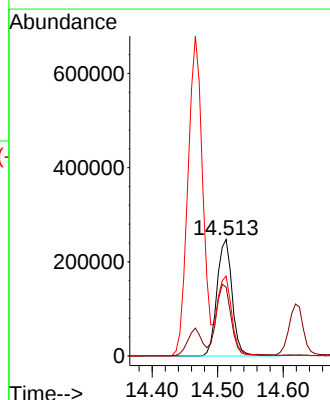
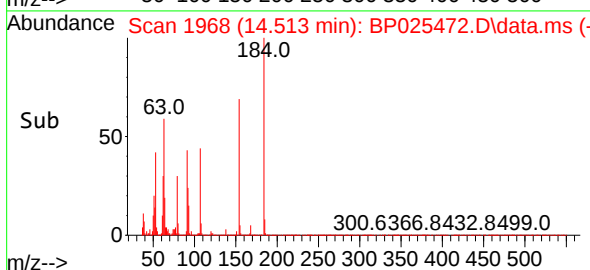
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

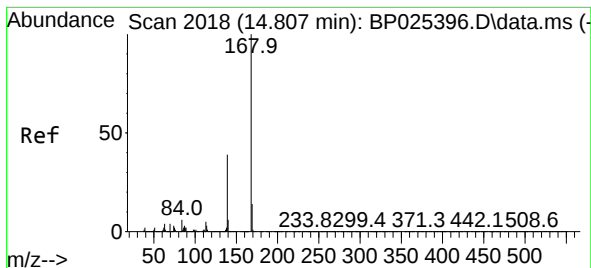


#54
2,4-Dinitrophenol
Concen: 115.970 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06



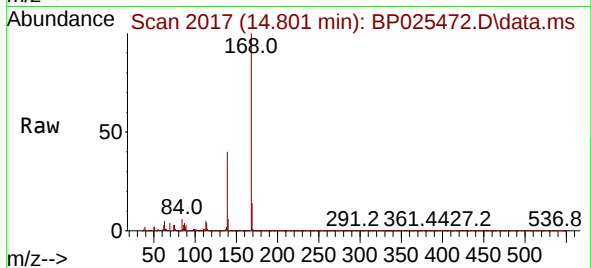
Tgt Ion:184 Resp: 397607
Ion Ratio Lower Upper
184 100
63 59.0 49.4 74.2
154 68.5 54.6 82.0





#55
Dibenzenofuran
Concen: 47.161 ng
RT: 14.801 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

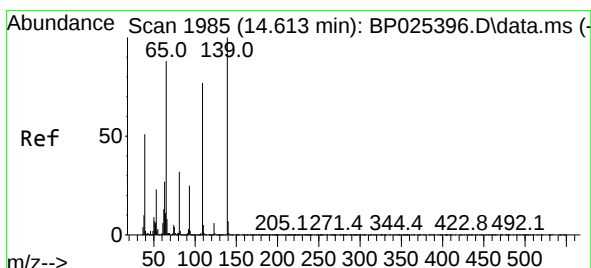
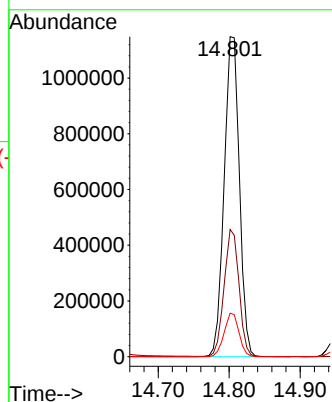
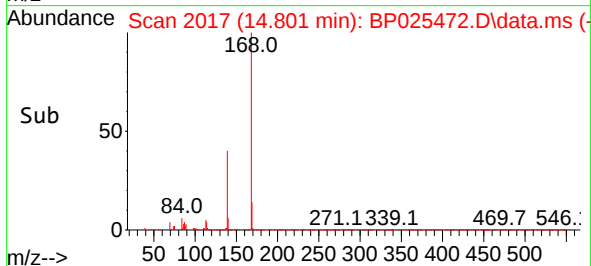
Instrument :
BNA_P
ClientSampleId :
PB169244BS



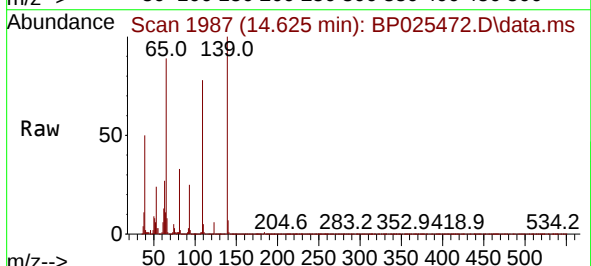
Tgt Ion:168 Resp: 1703170
Ion Ratio Lower Upper
168 100
139 39.7 31.5 47.3
169 13.6 10.9 16.3

Manual Integrations
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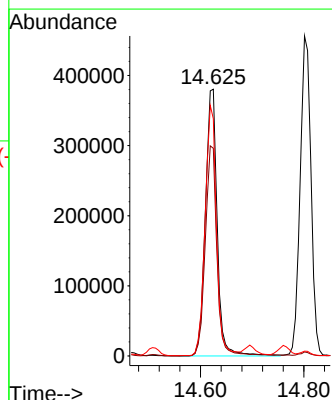
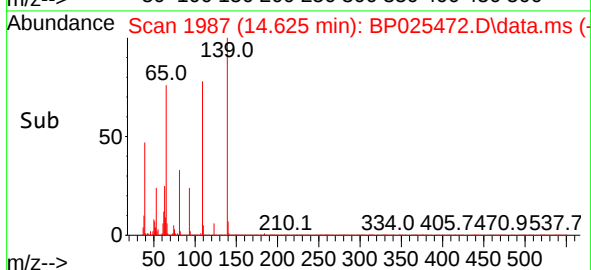
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

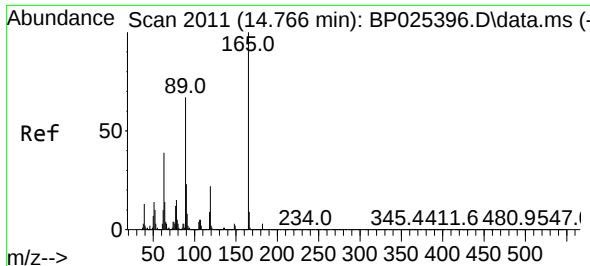


#56
4-Nitrophenol
Concen: 101.946 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06



Tgt Ion:139 Resp: 605113
Ion Ratio Lower Upper
139 100
109 77.8 56.6 96.6
65 89.0 68.2 108.2





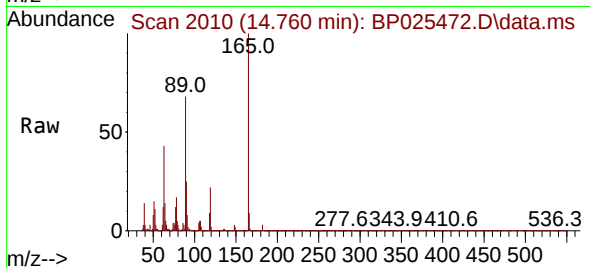
#57
2,4-Dinitrotoluene
Concen: 51.727 ng
RT: 14.760 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Instrument :

BNA_P

ClientSampleId :

PB169244BS

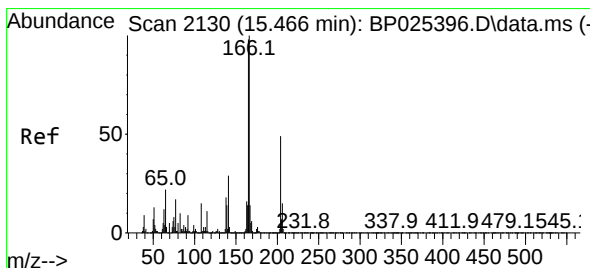
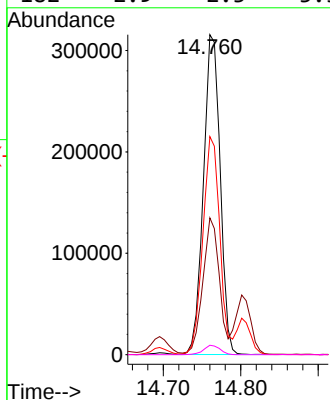
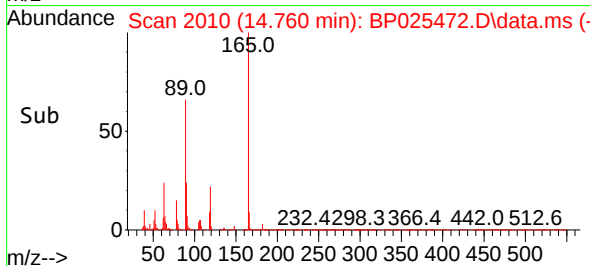


Tgt Ion:165 Resp: 473810
Ion Ratio Lower Upper
165 100
63 42.7 31.4 47.2
89 68.2 53.3 79.9
182 2.9 2.3 3.5

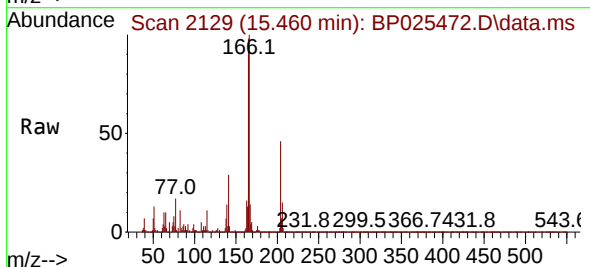
Manual Integrations

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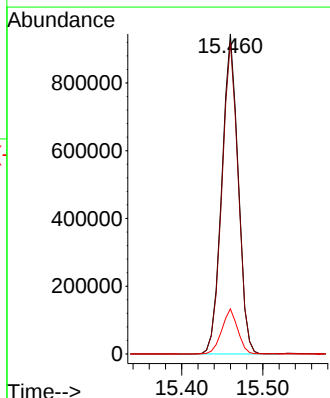
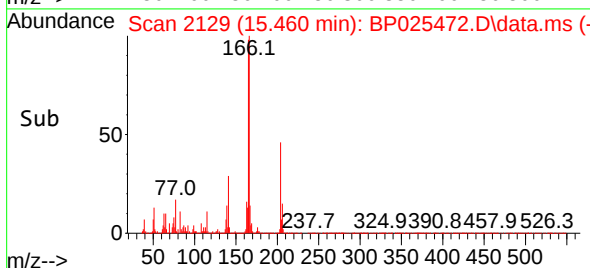
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

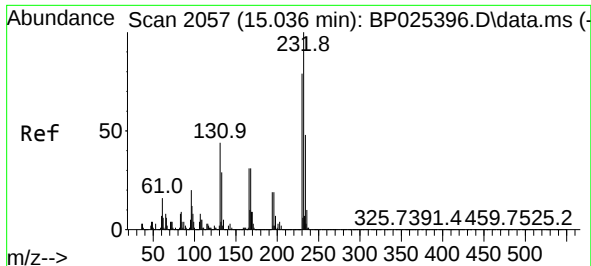


#58
Fluorene
Concen: 46.400 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06



Tgt Ion:166 Resp: 1322243
Ion Ratio Lower Upper
166 100
165 97.5 78.8 118.2
167 14.1 11.0 16.4





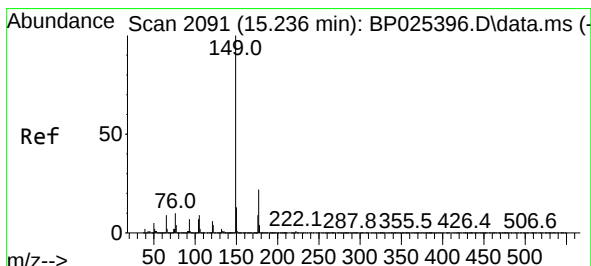
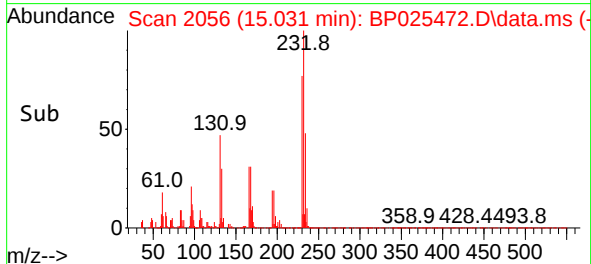
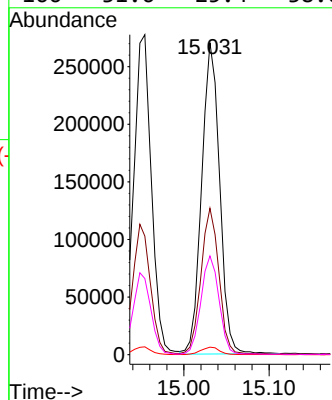
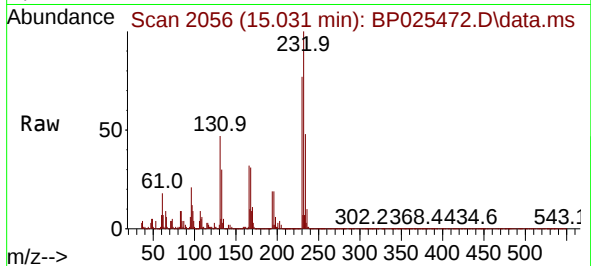
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.551 ng
RT: 15.031 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Instrument :
BNA_P
ClientSampleId :
PB169244BS

Tgt Ion:232 Resp: 396751
Ion Ratio Lower Upper
232 100
131 46.9 37.0 55.6
130 2.5 1.9 2.9
166 31.6 25.4 38.0

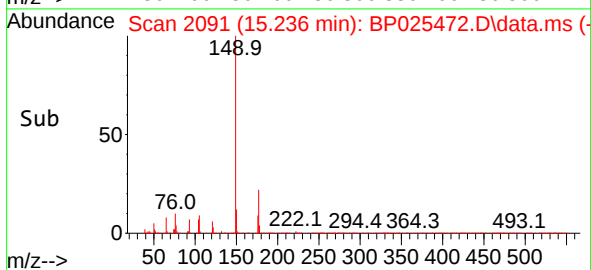
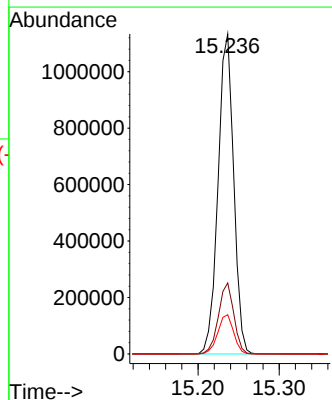
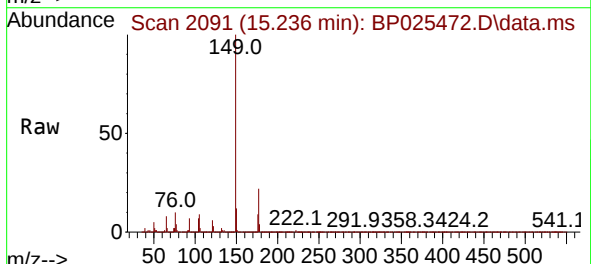
Manual Integrations
APPROVED

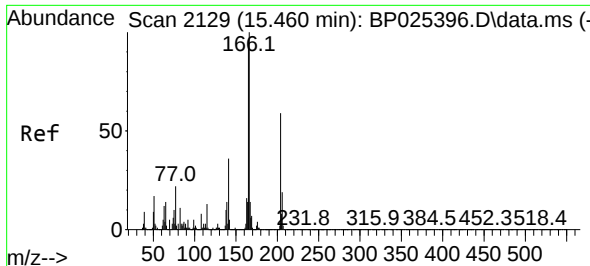
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#60
Diethylphthalate
Concen: 49.036 ng
RT: 15.236 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

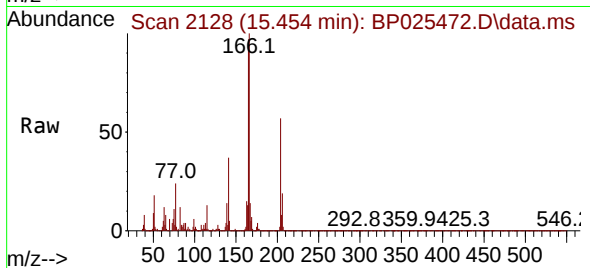
Tgt Ion:149 Resp: 1517718
Ion Ratio Lower Upper
149 100
177 22.2 17.3 25.9
150 12.3 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 46.664 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

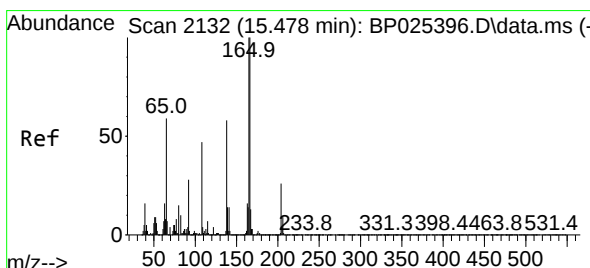
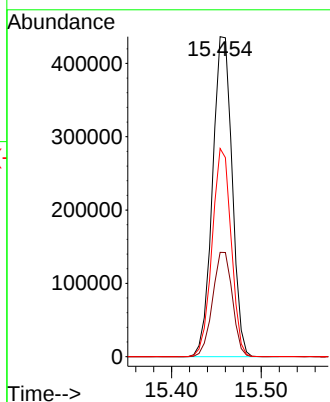
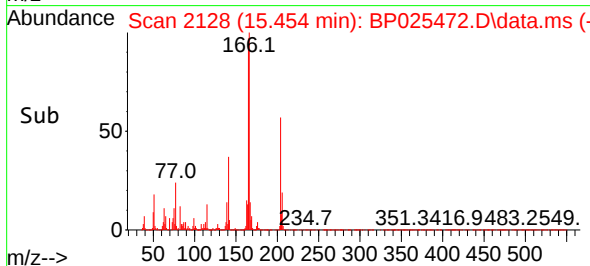
Instrument :
BNA_P
ClientSampleId :
PB169244BS



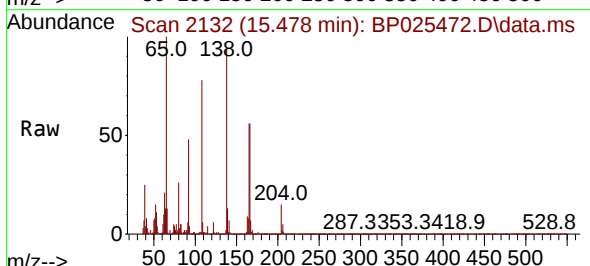
Tgt Ion:204 Resp: 661344
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 65.0 49.4 74.2

Manual Integrations
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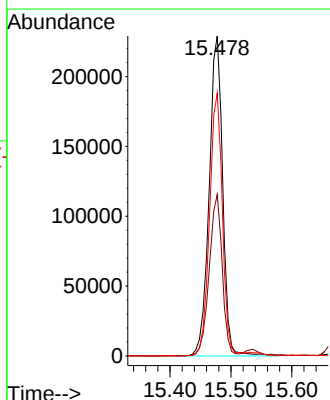
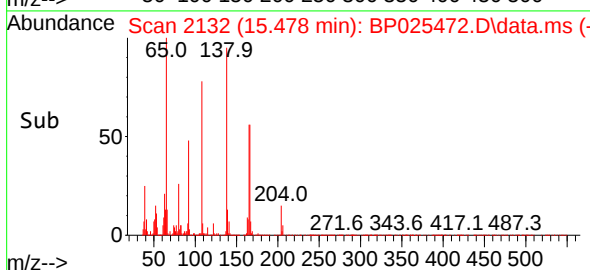
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

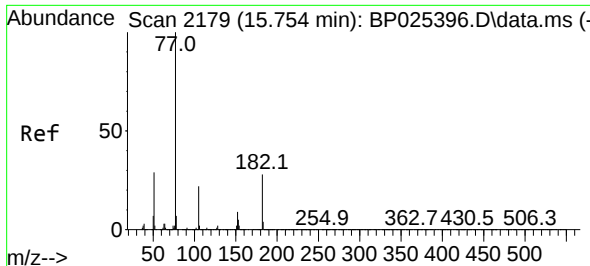


#62
4-Nitroaniline
Concen: 47.791 ng
RT: 15.478 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06



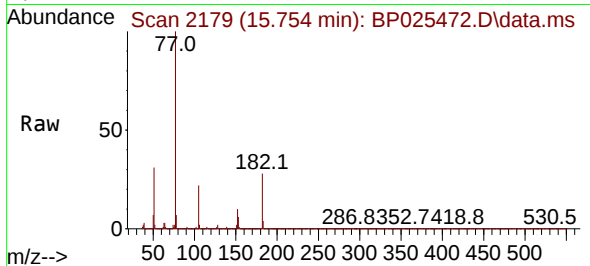
Tgt Ion:138 Resp: 353899
Ion Ratio Lower Upper
138 100
92 50.5 29.1 69.1
108 82.2 61.5 101.5





#63
Azobenzene
Concen: 49.891 ng
RT: 15.754 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

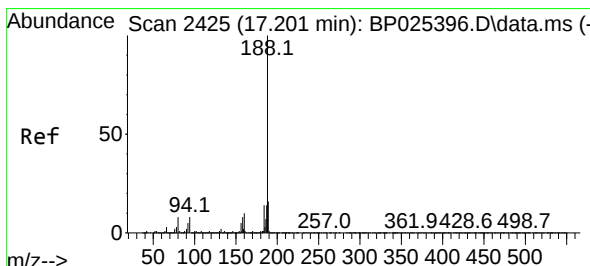
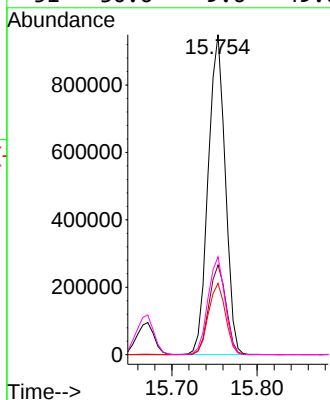
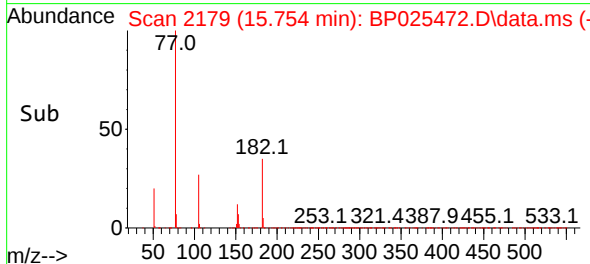
Instrument :
BNA_P
ClientSampleId :
PB169244BS



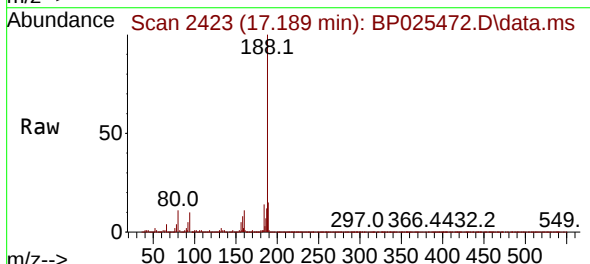
Tgt Ion: 77 Resp: 132221
Ion Ratio Lower Upper
77 100
182 28.1 7.5 47.5
105 22.3 2.1 42.1
51 30.6 9.6 49.6

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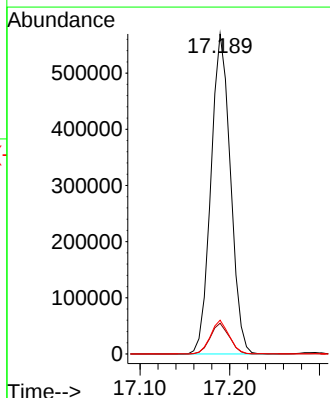
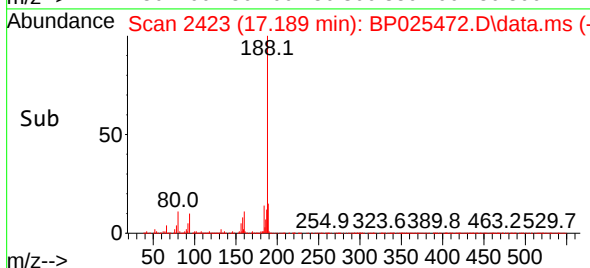
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

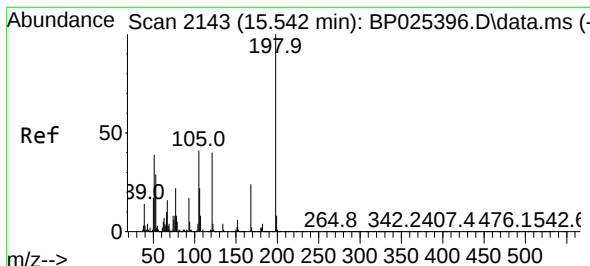


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06



Tgt Ion:188 Resp: 862003
Ion Ratio Lower Upper
188 100
94 9.6 6.6 10.0
80 10.5 6.7 10.1#





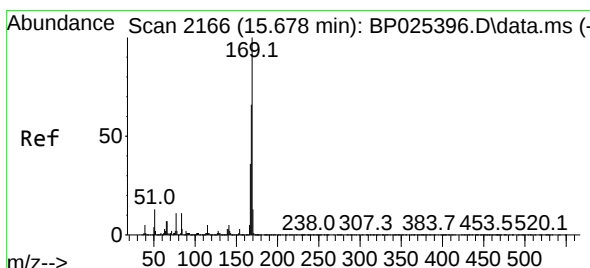
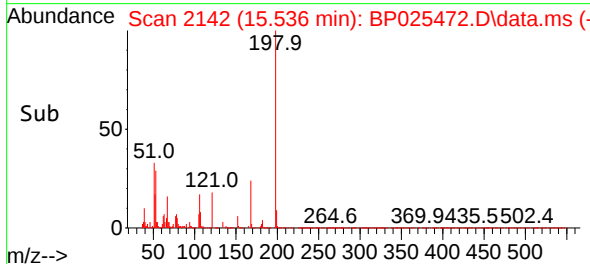
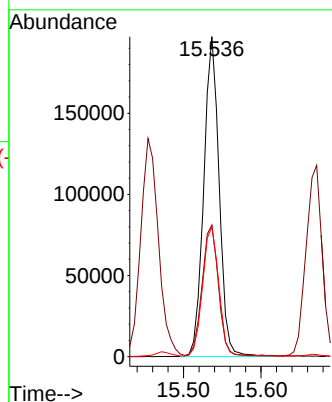
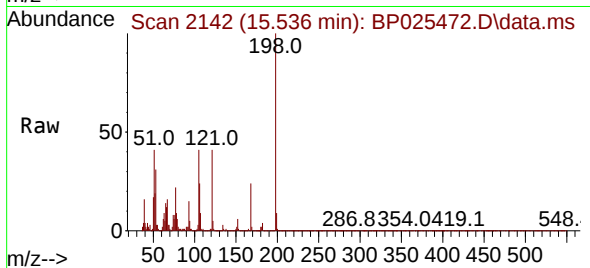
#65
4,6-Dinitro-2-methylphenol
Concen: 50.800 ng
RT: 15.536 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Instrument :
BNA_P
ClientSampleId :
PB169244BS

Tgt Ion:198 Resp: 272964
Ion Ratio Lower Upper
198 100
51 41.2 19.6 59.6
105 40.6 20.9 60.9

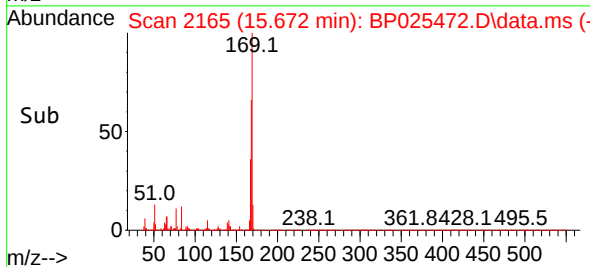
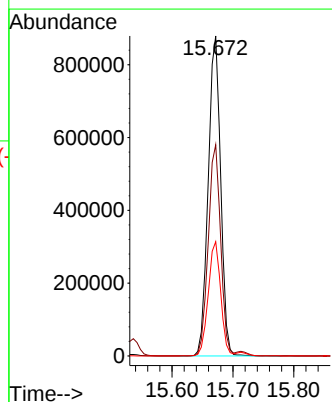
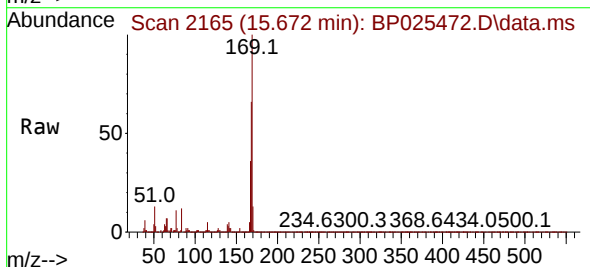
Manual Integrations
APPROVED

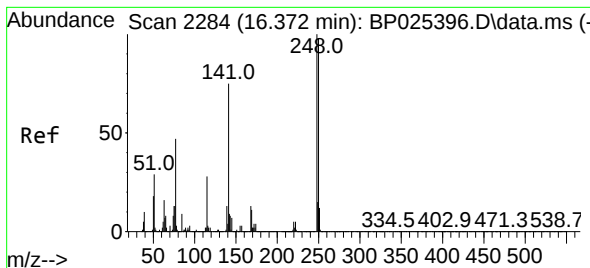
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#66
n-Nitrosodiphenylamine
Concen: 47.419 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Tgt Ion:169 Resp: 1246458
Ion Ratio Lower Upper
169 100
168 66.0 53.2 79.8
167 35.7 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 47.618 ng
RT: 16.360 min Scan# 211
Delta R.T. -0.012 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Instrument :

BNA_P

ClientSampleId :

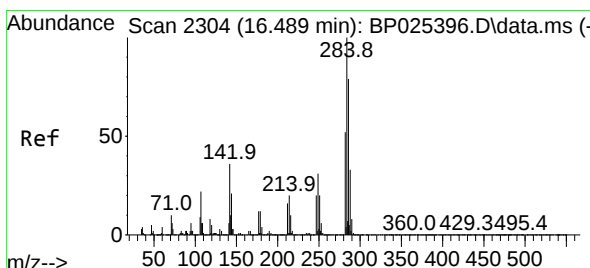
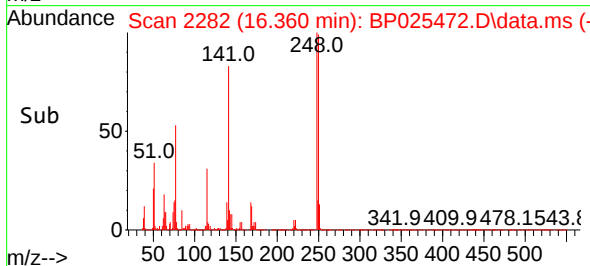
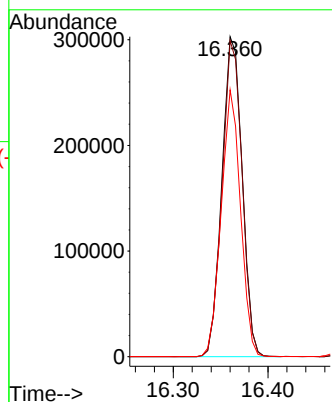
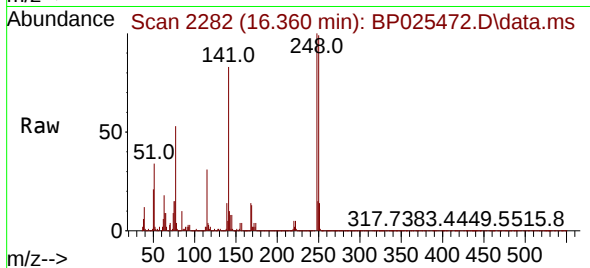
PB169244BS

Tgt Ion:248 Resp: 45143
Ion Ratio Lower Upper
248 100
250 98.8 78.2 117.2
141 83.4 59.6 89.4

Manual Integrations

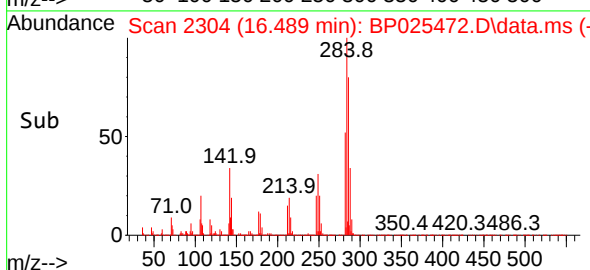
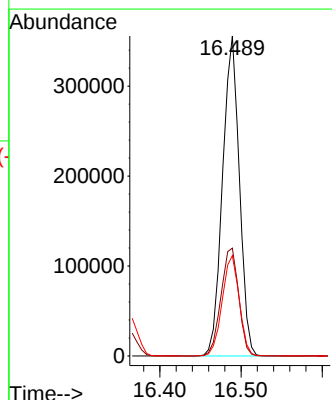
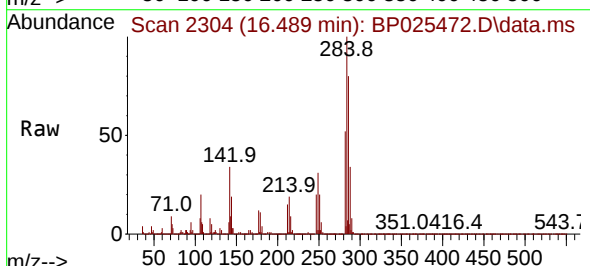
APPROVED

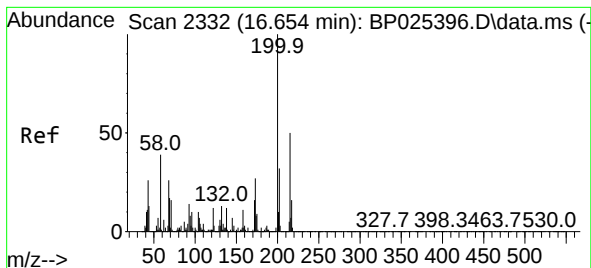
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#68
Hexachlorobenzene
Concen: 46.604 ng
RT: 16.489 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Tgt Ion:284 Resp: 512163
Ion Ratio Lower Upper
284 100
142 33.7 29.1 43.7
249 31.3 25.0 37.4





#69

Atrazine

Concen: 47.838 ng

RT: 16.642 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025472.D

Acq: 19 Aug 2025 12:06

Instrument :

BNA_P

ClientSampleId :

PB169244BS

Tgt Ion:200 Resp: 47092

Ion Ratio Lower Upper

200 100

173 25.6 6.7 46.7

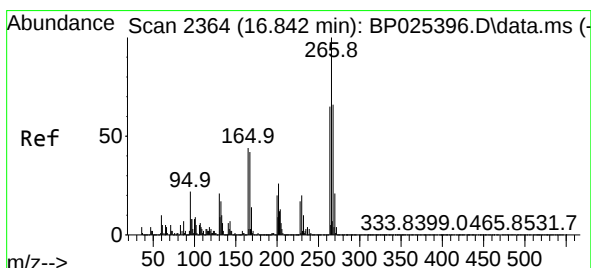
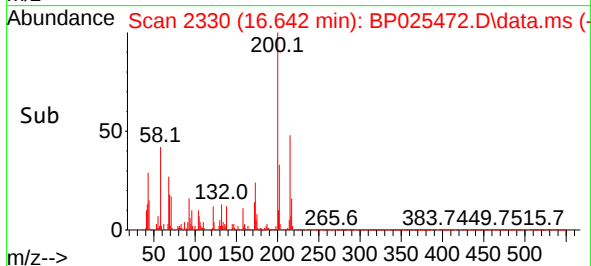
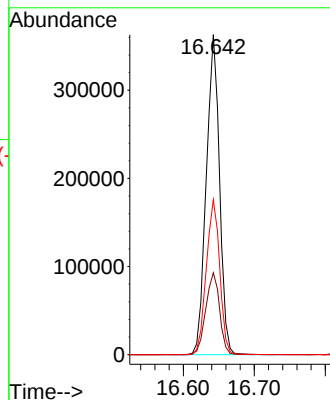
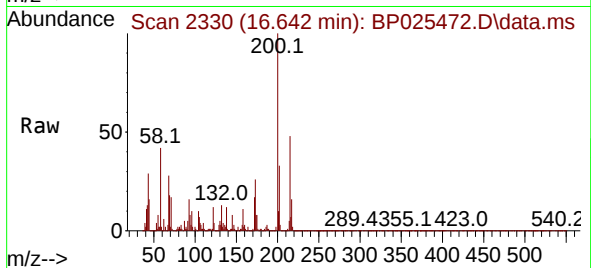
215 48.4 29.7 69.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#70

Pentachlorophenol

Concen: 99.034 ng

RT: 16.842 min Scan# 2364

Delta R.T. 0.000 min

Lab File: BP025472.D

Acq: 19 Aug 2025 12:06

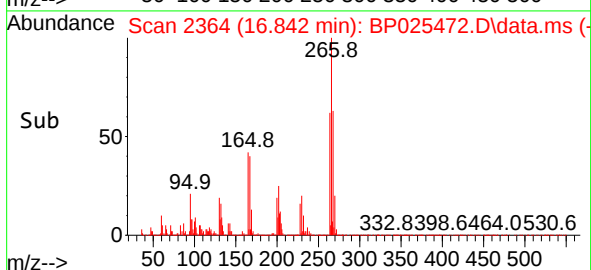
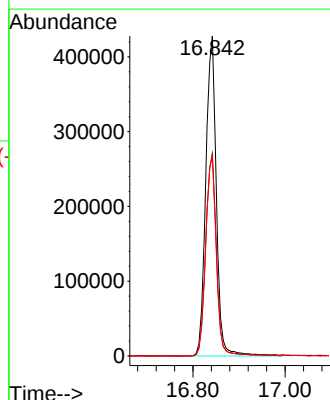
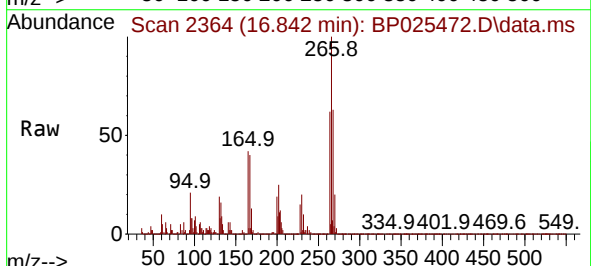
Tgt Ion:266 Resp: 687032

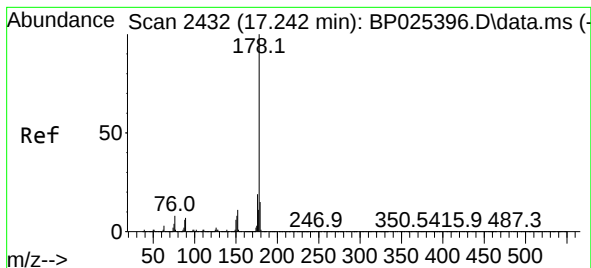
Ion Ratio Lower Upper

266 100

268 63.2 52.6 79.0

264 62.2 52.0 78.0





#71

Phenanthrene

Concen: 47.585 ng

RT: 17.236 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BP025472.D

Acq: 19 Aug 2025 12:06

Instrument :

BNA_P

ClientSampleId :

PB169244BS

Tgt Ion:178 Resp: 225329

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

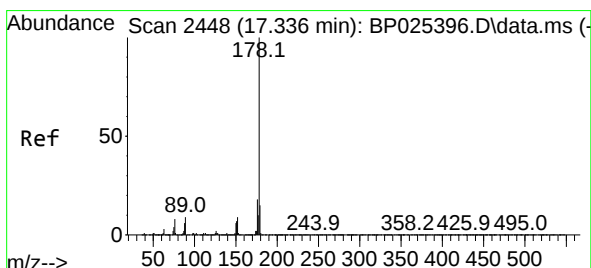
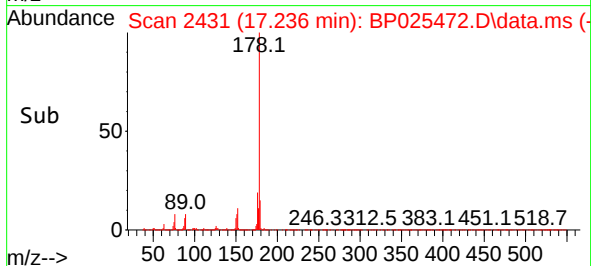
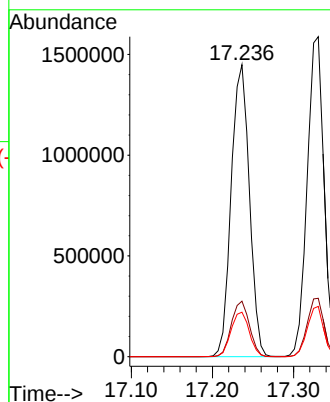
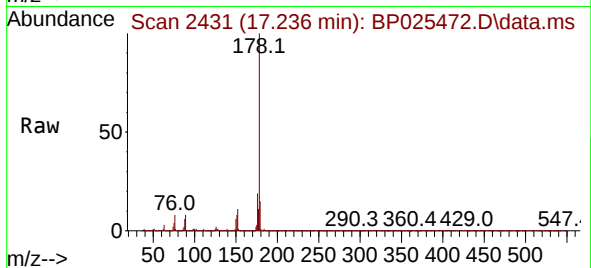
179 15.2 12.2 18.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#72

Anthracene

Concen: 47.239 ng

RT: 17.330 min Scan# 2447

Delta R.T. -0.006 min

Lab File: BP025472.D

Acq: 19 Aug 2025 12:06

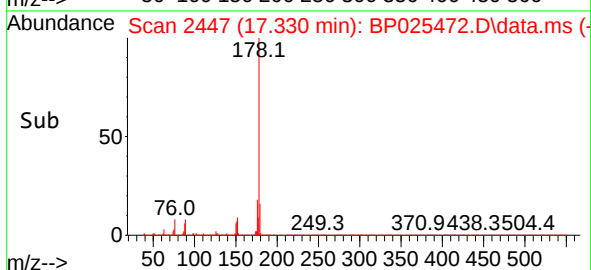
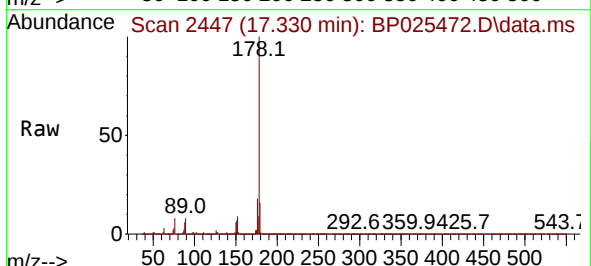
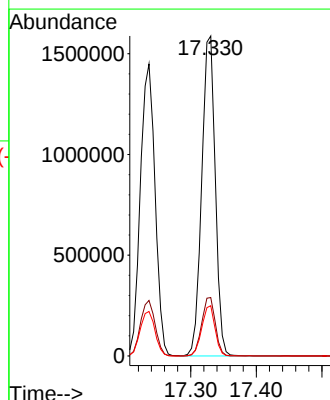
Tgt Ion:178 Resp: 2284335

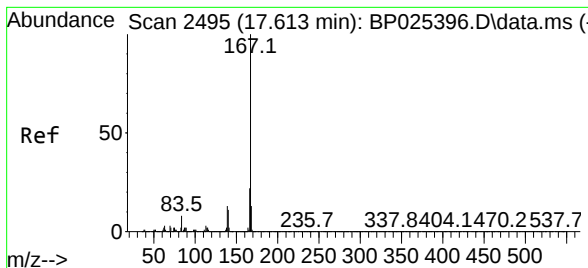
Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

179 15.7 12.2 18.2





#73

Carbazole

Concen: 47.324 ng

RT: 17.601 min Scan# 2495

Delta R.T. -0.012 min

Lab File: BP025472.D

Acq: 19 Aug 2025 12:06

Instrument :

BNA_P

ClientSampleId :

PB169244BS

Tgt Ion:167 Resp: 2155490

Ion Ratio Lower Upper

167 100

166 21.2 17.5 26.3

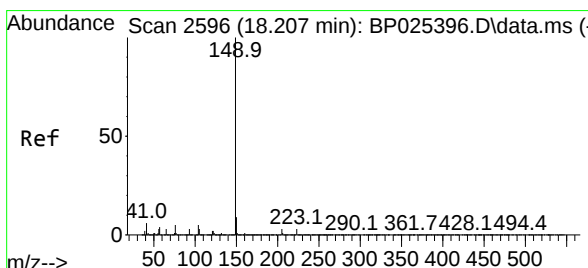
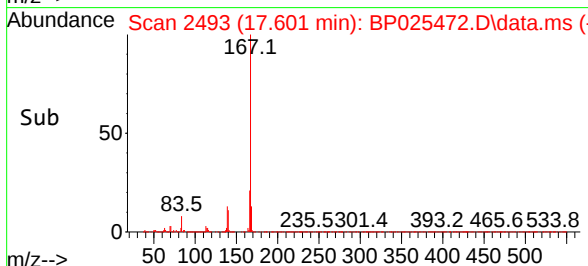
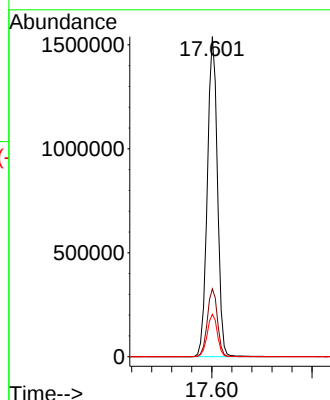
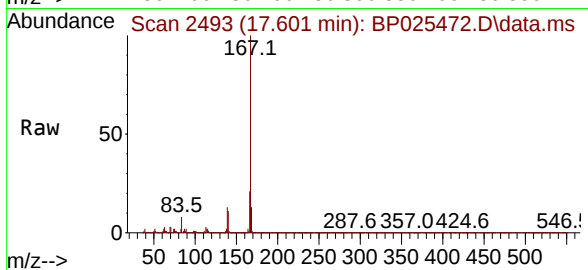
139 13.2 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#74

Di-n-butylphthalate

Concen: 48.416 ng

RT: 18.201 min Scan# 2595

Delta R.T. -0.006 min

Lab File: BP025472.D

Acq: 19 Aug 2025 12:06

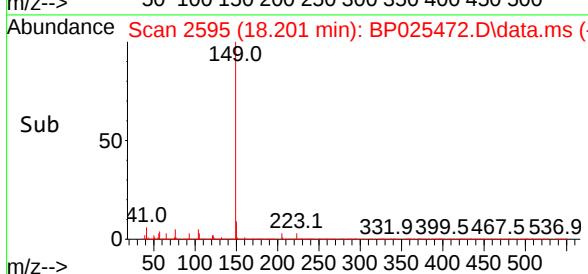
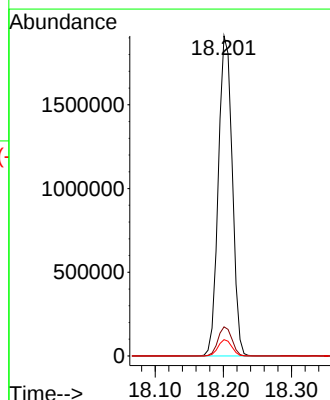
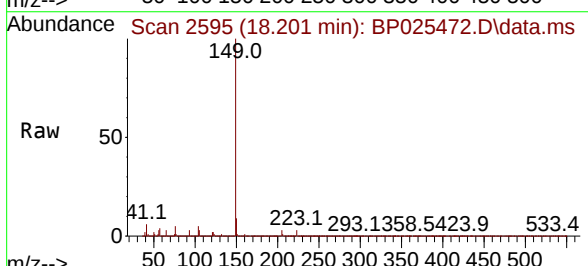
Tgt Ion:149 Resp: 2713180

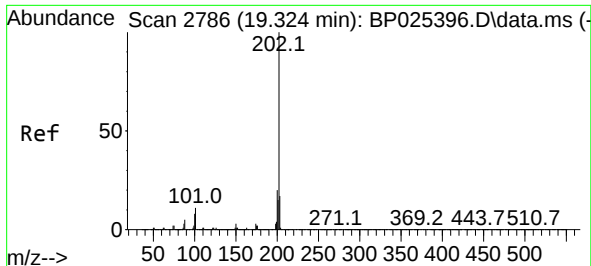
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 47.361 ng
RT: 19.319 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Instrument :

BNA_P

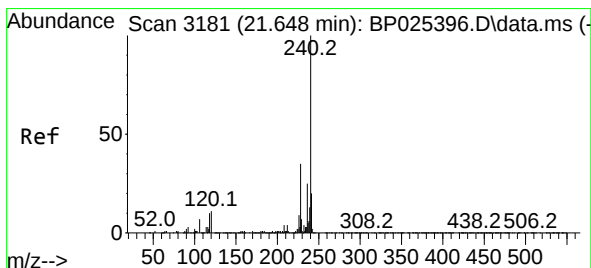
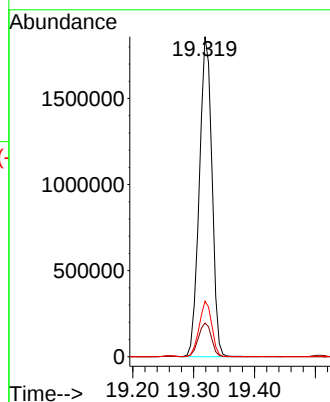
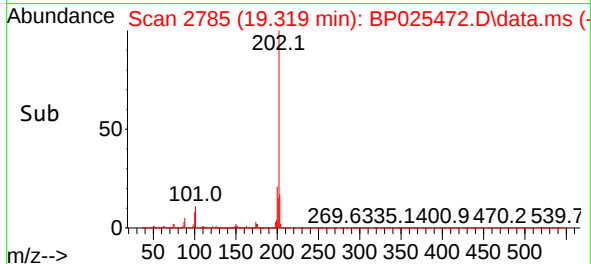
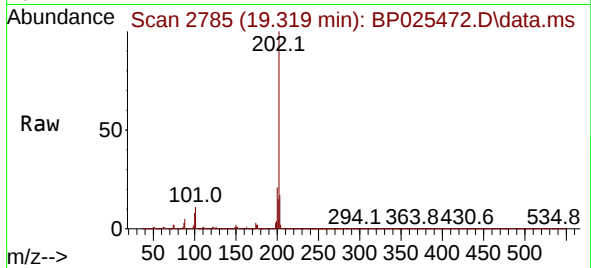
ClientSampleId :

PB169244BS

Tgt Ion:202 Resp: 267512
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.1
203 17.4 0.0 37.3

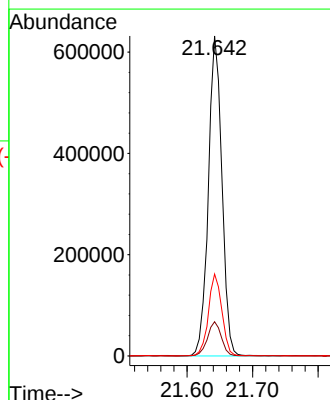
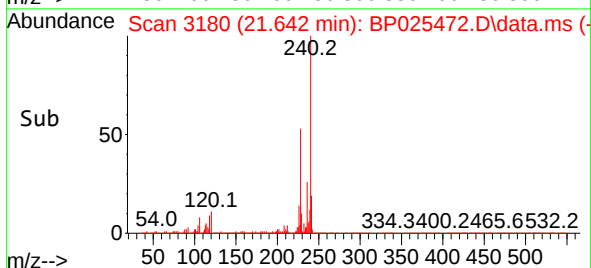
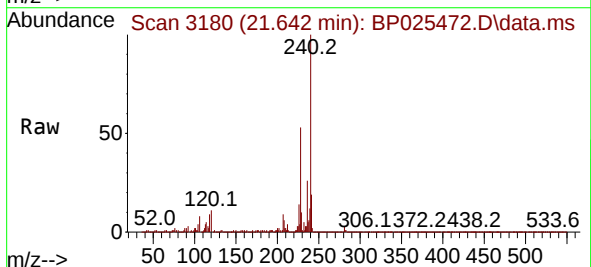
Manual Integrations
APPROVED

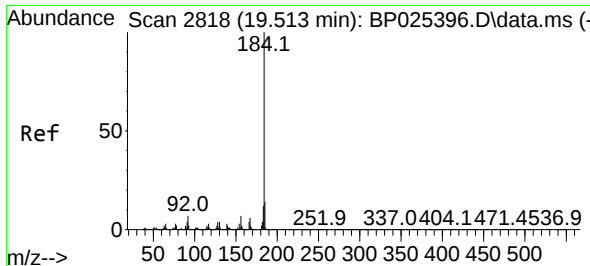
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Tgt Ion:240 Resp: 910554
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 25.6 19.8 29.8





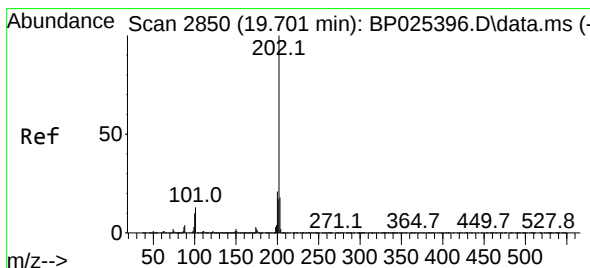
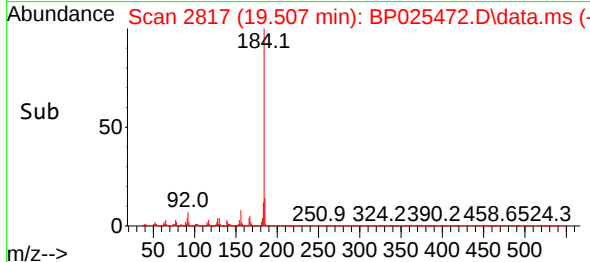
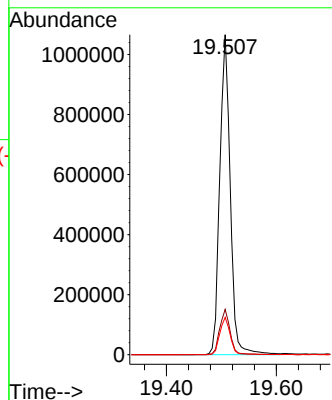
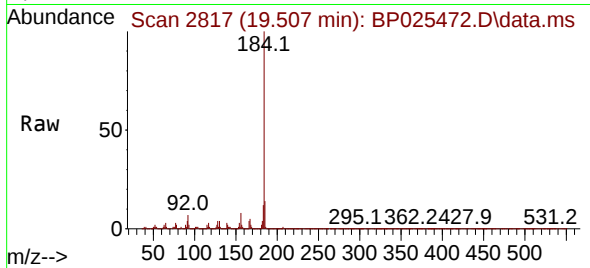
#77
Benzidine
Concen: 45.479 ng
RT: 19.507 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Instrument :
BNA_P
ClientSampleId :
PB169244BS

Tgt Ion:184 Resp: 1413258
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.7 9.4 14.2

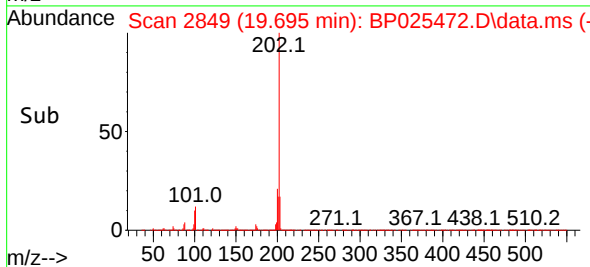
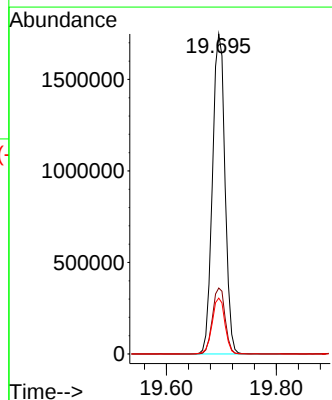
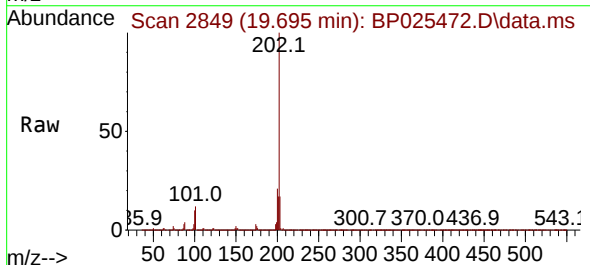
Manual Integrations
APPROVED

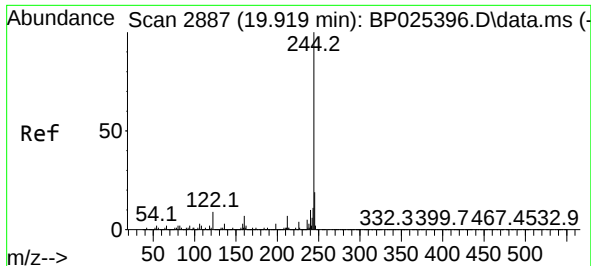
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#78
Pyrene
Concen: 46.671 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

Tgt Ion:202 Resp: 2762164
Ion Ratio Lower Upper
202 100
200 20.6 16.9 25.3
203 17.4 14.2 21.2





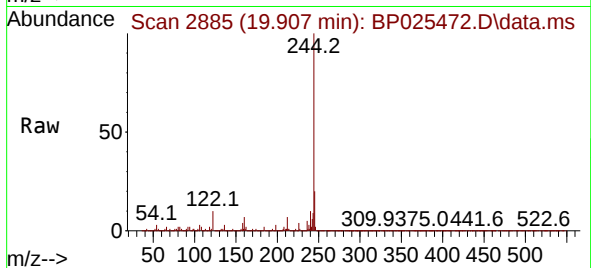
#79
 Terphenyl-d14
 Concen: 81.923 ng
 RT: 19.907 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP025472.D
 Acq: 19 Aug 2025 12:06

Instrument :

BNA_P

ClientSampleId :

PB169244BS



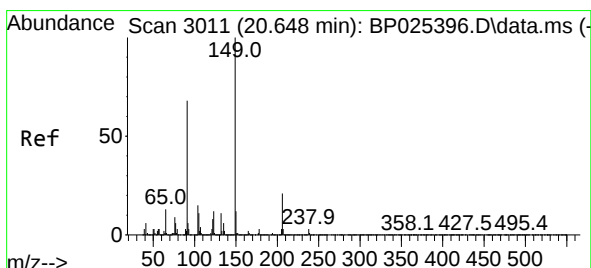
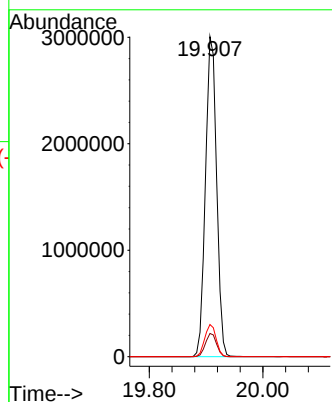
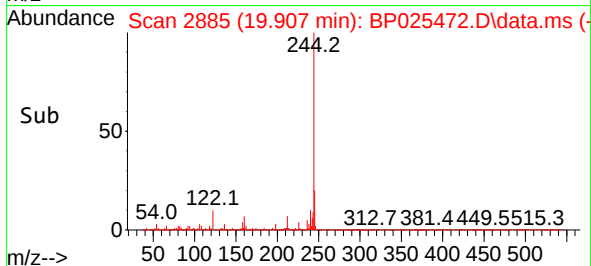
Tgt Ion:244 Resp: 4077204
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 10.1 7.4 11.2

Manual Integrations

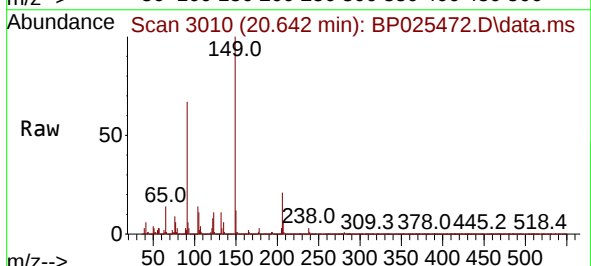
APPROVED

Reviewed By :Rahul Chavli 08/20/2025

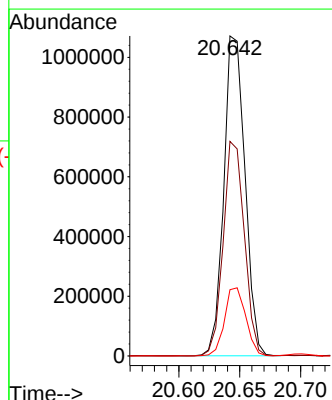
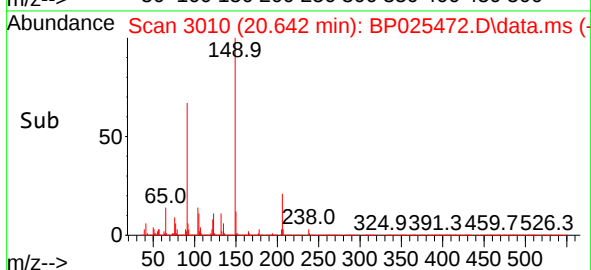
Supervised By :Jagrut Upadhyay 08/20/2025

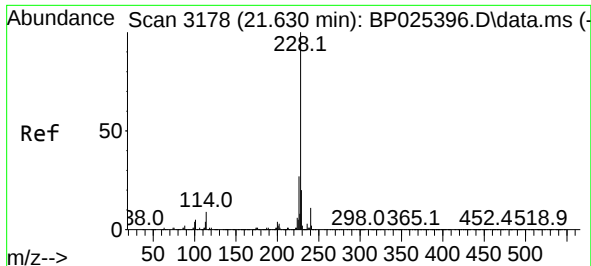


#80
 Butylbenzylphthalate
 Concen: 48.400 ng
 RT: 20.642 min Scan# 3010
 Delta R.T. -0.006 min
 Lab File: BP025472.D
 Acq: 19 Aug 2025 12:06



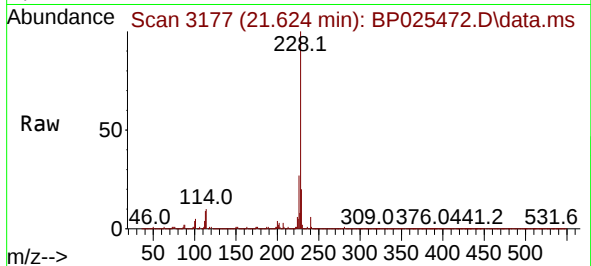
Tgt Ion:149 Resp: 1298221
 Ion Ratio Lower Upper
 149 100
 91 67.1 54.2 81.2
 206 20.7 16.6 24.8





#81
Benzo(a)anthracene
Concen: 47.200 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

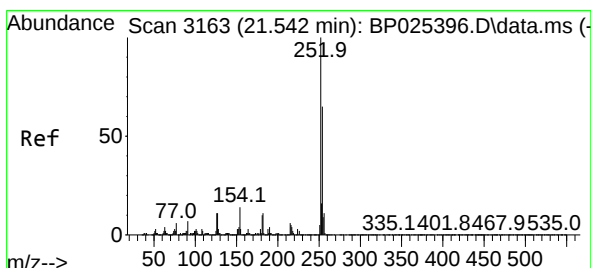
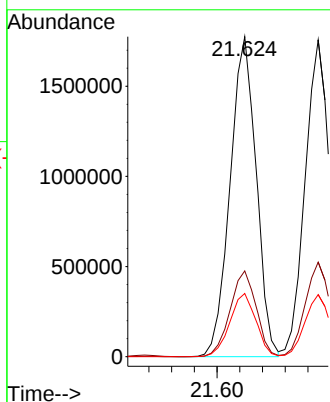
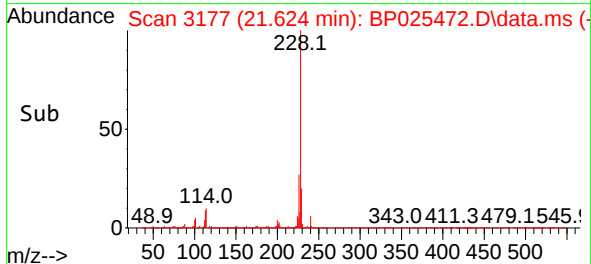
Instrument : BNA_P
ClientSampleId : PB169244BS



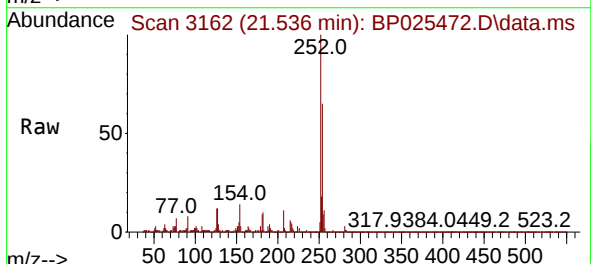
Tgt Ion: 228 Resp: 283441
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 19.8 15.6 23.4

Manual Integrations
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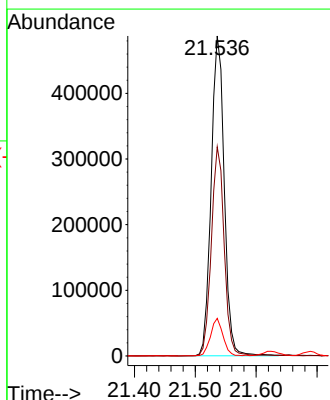
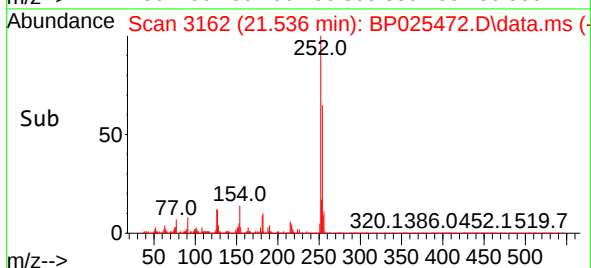
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

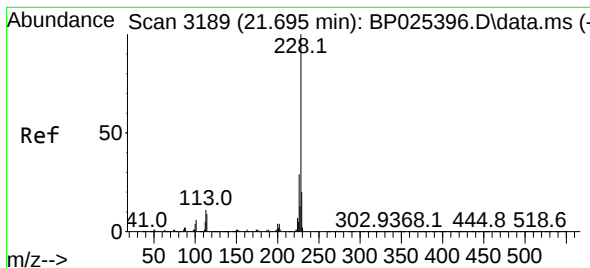


#82
3,3'-Dichlorobenzidine
Concen: 32.152 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06



Tgt Ion: 252 Resp: 727758
Ion Ratio Lower Upper
252 100
254 65.3 51.8 77.6
126 11.8 9.1 13.7





#83

Chrysene

Concen: 47.032 ng

RT: 21.689 min Scan# 3188

Delta R.T. -0.006 min

Lab File: BP025472.D

Acq: 19 Aug 2025 12:06

Instrument :

BNA_P

ClientSampleId :

PB169244BS

Tgt Ion:228 Resp: 264496

Ion Ratio Lower Upper

228 100

226 29.9 23.2 34.8

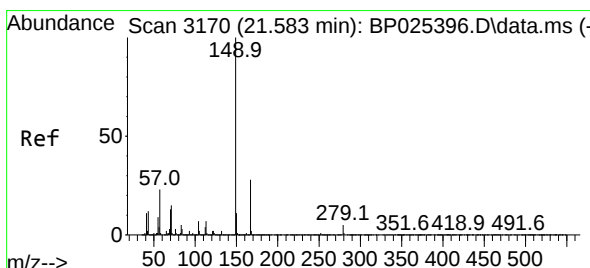
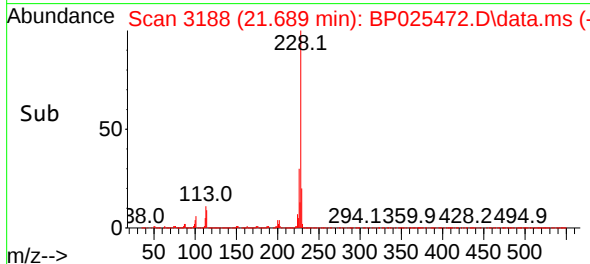
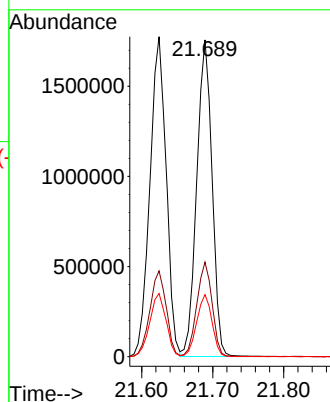
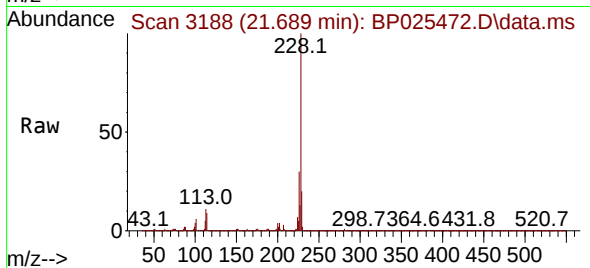
229 19.6 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.043 ng

RT: 21.566 min Scan# 3167

Delta R.T. -0.018 min

Lab File: BP025472.D

Acq: 19 Aug 2025 12:06

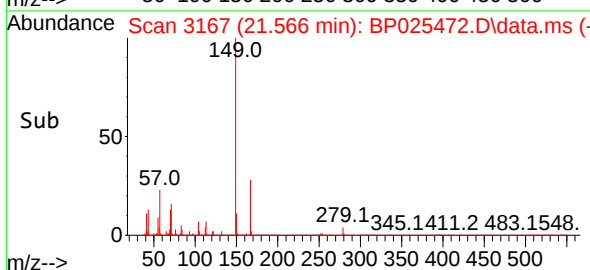
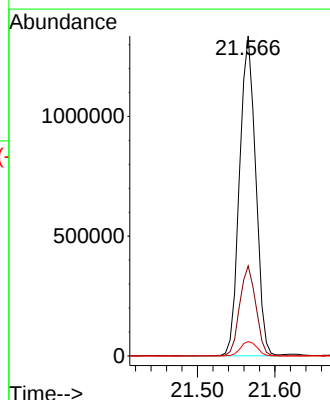
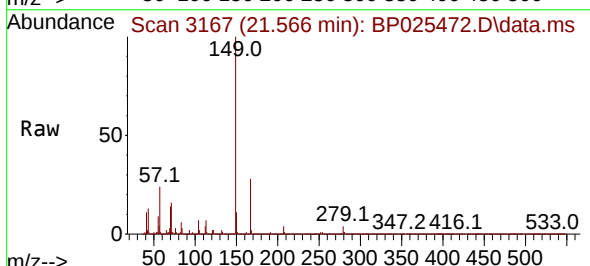
Tgt Ion:149 Resp: 1936416

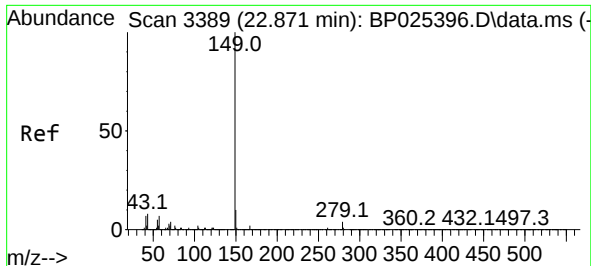
Ion Ratio Lower Upper

149 100

167 28.2 22.1 33.1

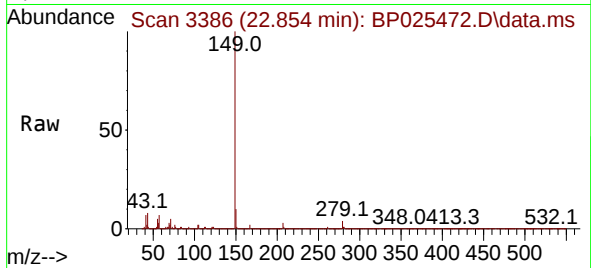
279 4.5 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 50.612 ng
RT: 22.854 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

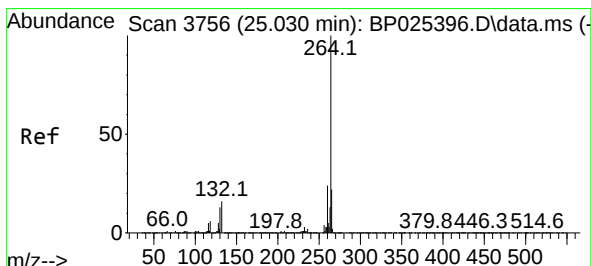
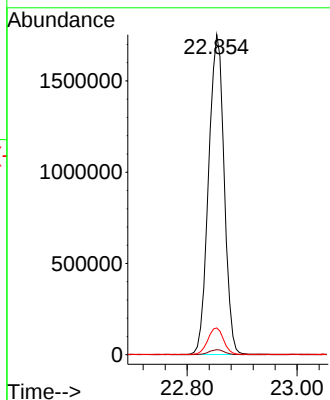
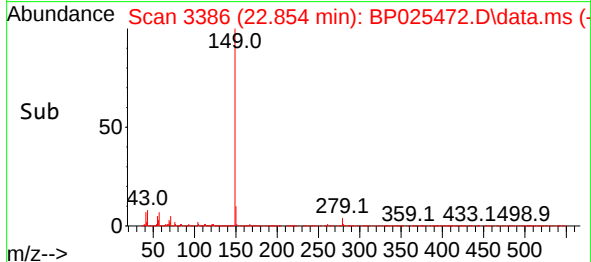
Instrument :
BNA_P
ClientSampleId :
PB169244BS



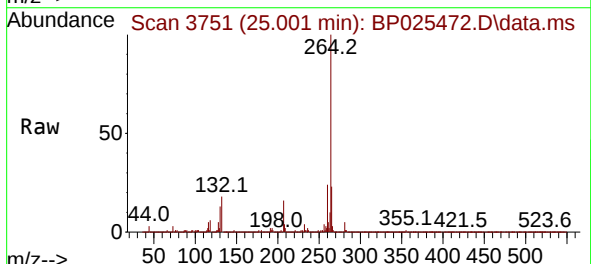
Tgt Ion:149 Resp: 343731
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.3 6.3 9.5

Manual Integrations
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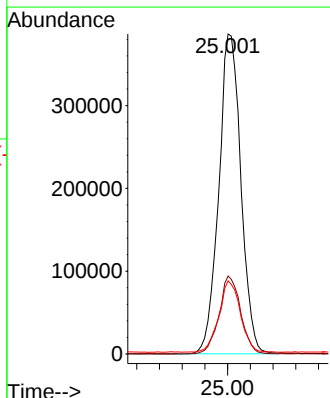
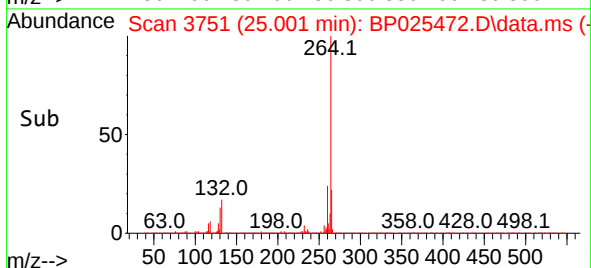
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

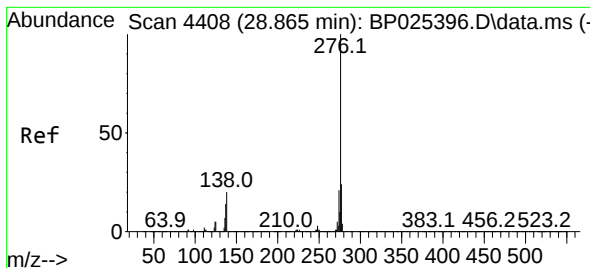


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.029 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06



Tgt Ion:264 Resp: 1045081
Ion Ratio Lower Upper
264 100
260 24.4 19.3 28.9
265 22.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.670 ng

RT: 28.842 min Scan# 4408

Delta R.T. -0.024 min

Lab File: BP025472.D

Acq: 19 Aug 2025 12:06

Instrument :

BNA_P

ClientSampleId :

PB169244BS

Tgt Ion:276 Resp: 3500214

Ion Ratio Lower Upper

276 100

138 16.9 12.9 19.3

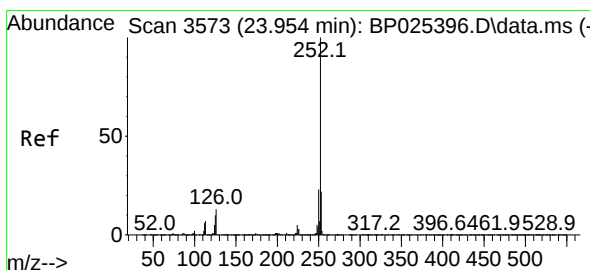
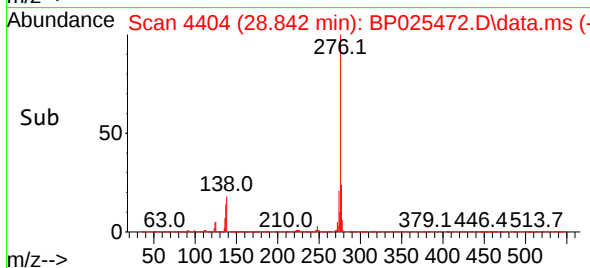
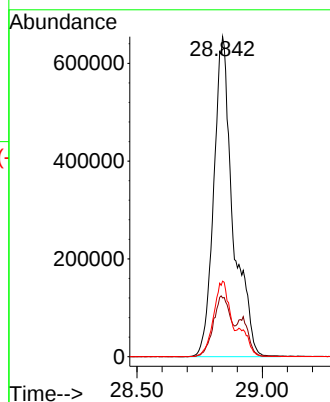
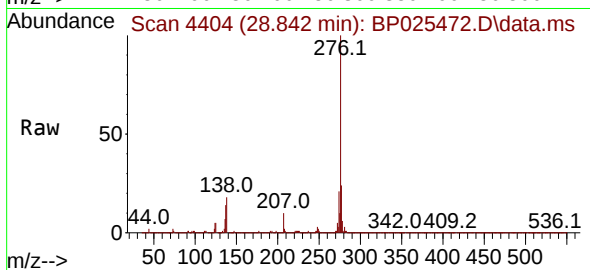
277 20.2 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#88

Benzo(b)fluoranthene

Concen: 48.351 ng

RT: 23.954 min Scan# 3573

Delta R.T. 0.000 min

Lab File: BP025472.D

Acq: 19 Aug 2025 12:06

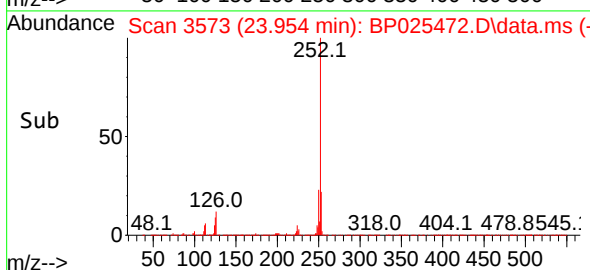
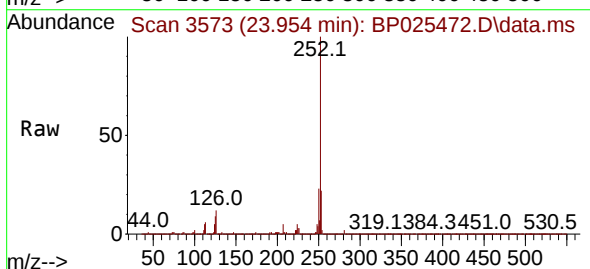
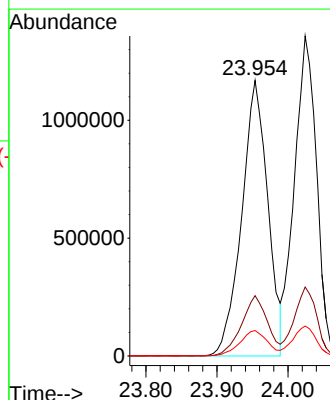
Tgt Ion:252 Resp: 2979641

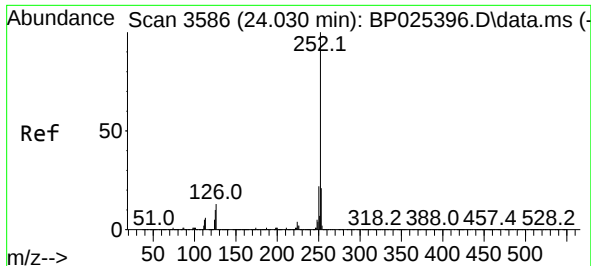
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

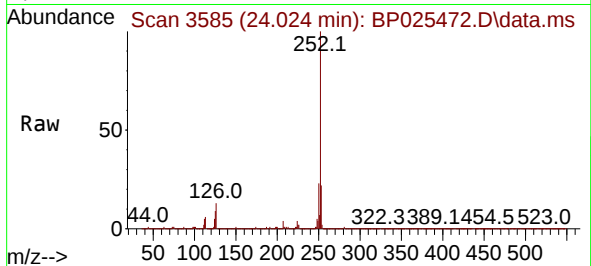
125 9.3 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 47.686 ng
RT: 24.024 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06

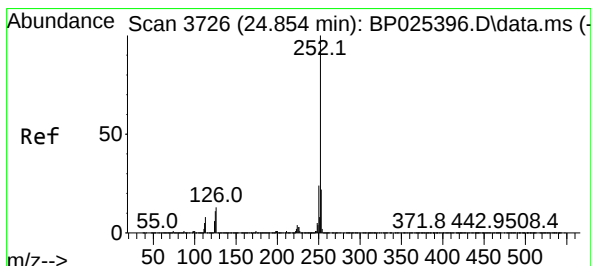
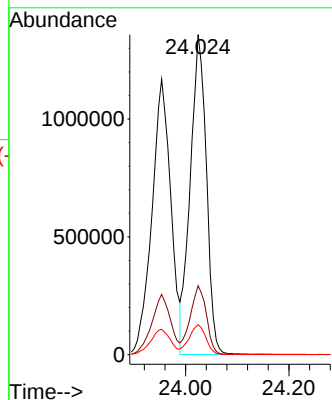
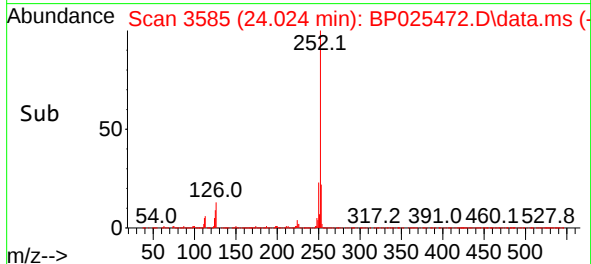
Instrument :
BNA_P
ClientSampleId :
PB169244BS



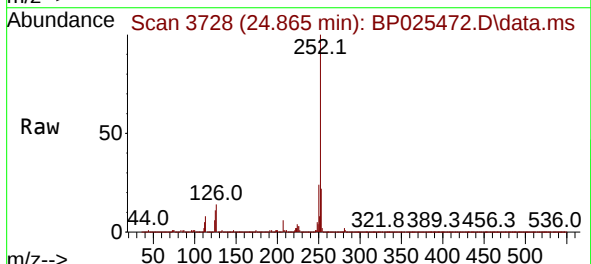
Tgt Ion:252 Resp: 2940688
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 9.4 7.8 11.6

Manual Integrations
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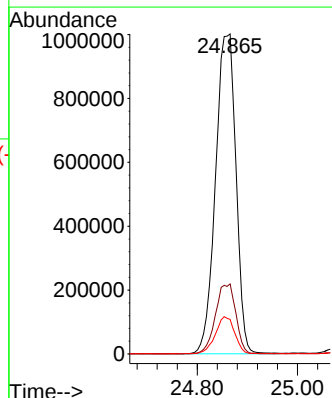
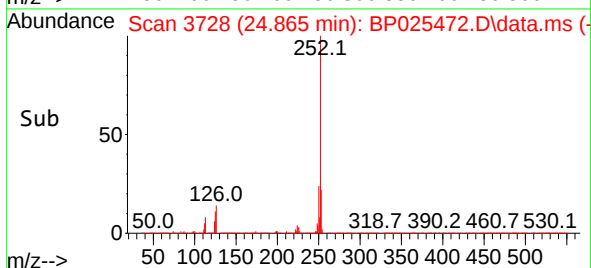
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

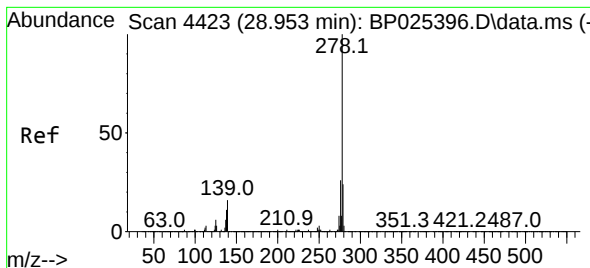


#90
Benzo(a)pyrene
Concen: 47.279 ng
RT: 24.865 min Scan# 3728
Delta R.T. 0.012 min
Lab File: BP025472.D
Acq: 19 Aug 2025 12:06



Tgt Ion:252 Resp: 2836165
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.8 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 45.967 ng

RT: 28.924 min Scan# 44

Delta R.T. -0.029 min

Lab File: BP025472.D

Acq: 19 Aug 2025 12:06

Instrument :

BNA_P

ClientSampleId :

PB169244BS

Tgt Ion:278 Resp: 2878994

Ion Ratio Lower Upper

278 100

139 15.5 13.0 19.4

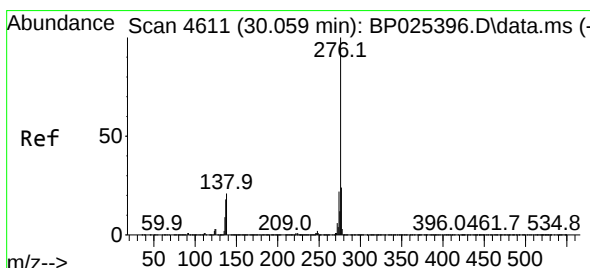
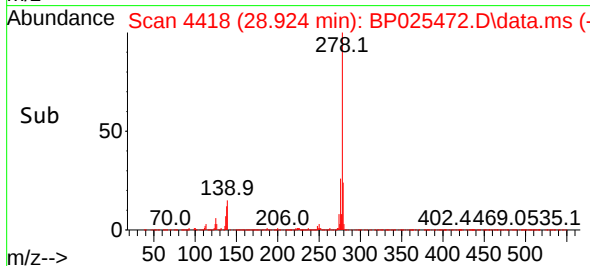
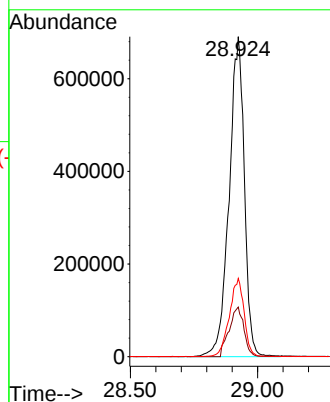
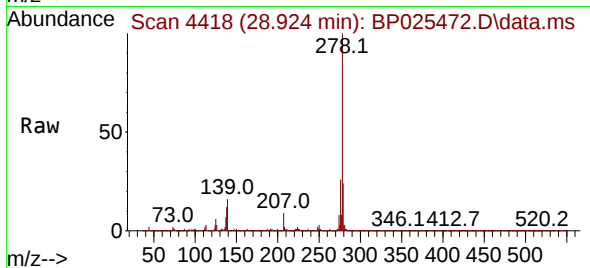
279 24.5 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#92

Benzo(g,h,i)perylene

Concen: 45.636 ng

RT: 30.030 min Scan# 4606

Delta R.T. -0.029 min

Lab File: BP025472.D

Acq: 19 Aug 2025 12:06

Tgt Ion:276 Resp: 2809647

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.0

138 20.4 16.7 25.1

