

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025473.D
 Acq On : 19 Aug 2025 12:47
 Operator : CG/JU
 Sample : PB169244BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169244BSD

Manual Integrations
 APPROVED

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

Quant Time: Aug 19 13:10:51 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	172374	20.000	ng	0.00
21) Naphthalene-d8	10.555	136	704478	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	488785	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	1043571	20.000	ng	0.00
76) Chrysene-d12	21.654	240	1070063	20.000	ng	0.00
86) Perylene-d12	25.030	264	1176738	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1466573	141.294	ng	0.00
7) Phenol-d6	6.972	99	1870146	140.533	ng	0.00
23) Nitrobenzene-d5	8.931	82	1177998	84.587	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	948405	144.154	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2831786	79.179	ng	0.00
79) Terphenyl-d14	19.925	244	4922368	84.162	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	158108	38.889	ng	99
3) Pyridine	3.726	79	436550	39.230	ng	97
4) n-Nitrosodimethylamine	3.631	42	221517	48.284	ng	97
6) Aniline	7.119	93	672688	37.518	ng	99
8) 2-Chlorophenol	7.367	128	584248	49.881	ng	100
9) Benzaldehyde	6.937	77	263740	28.288	ng	98
10) Phenol	6.996	94	701844	50.262	ng	99
11) bis(2-Chloroethyl)ether	7.214	93	510577	46.912	ng	99
12) 1,3-Dichlorobenzene	7.684	146	601240	46.552	ng	99
13) 1,4-Dichlorobenzene	7.825	146	610323	46.233	ng	100
14) 1,2-Dichlorobenzene	8.137	146	589005	46.093	ng	99
15) Benzyl Alcohol	8.025	79	504404	47.704	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.308	45	689083	47.263	ng	98
17) 2-Methylphenol	8.225	107	482348	49.736	ng	99
18) Hexachloroethane	8.861	117	227208	46.811	ng	97
19) n-Nitroso-di-n-propyla...	8.584	70	393822	44.678	ng	98
20) 3+4-Methylphenols	8.549	107	660509	49.134	ng	97
22) Acetophenone	8.596	105	819556	46.389	ng	# 99
24) Nitrobenzene	8.972	77	591064	47.489	ng	99
25) Isophorone	9.496	82	1134513	46.032	ng	98
26) 2-Nitrophenol	9.678	139	314959	49.309	ng	97
27) 2,4-Dimethylphenol	9.737	122	558293	50.825	ng	100
28) bis(2-Chloroethoxy)met...	9.966	93	698931	46.914	ng	98
29) 2,4-Dichlorophenol	10.208	162	564908	51.769	ng	99
30) 1,2,4-Trichlorobenzene	10.419	180	553924	46.307	ng	99
31) Naphthalene	10.608	128	1710559	46.717	ng	99
32) Benzoic acid	9.896	122	439462	54.190	ng	98
33) 4-Chloroaniline	10.708	127	440457	27.233	ng	99
34) Hexachlorobutadiene	10.896	225	342743	46.008	ng	98
35) Caprolactam	11.502	113	210088m	52.506	ng	
36) 4-Chloro-3-methylphenol	11.837	107	646361	51.621	ng	99
37) 2-Methylnaphthalene	12.213	142	1107270	46.469	ng	100
38) 1-Methylnaphthalene	12.431	142	1168249	46.102	ng	100
40) 1,2,4,5-Tetrachloroben...	12.584	216	626241	44.362	ng	99
41) Hexachlorocyclopentadiene	12.566	237	771660	90.496	ng	98
43) 2,4,6-Trichlorophenol	12.825	196	479514	50.315	ng	99

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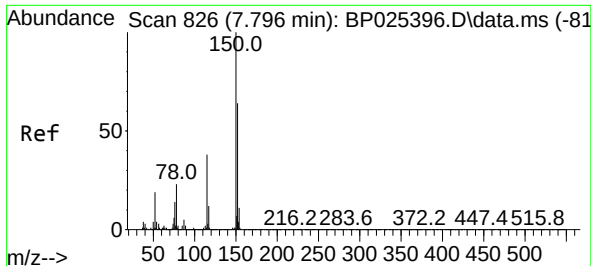
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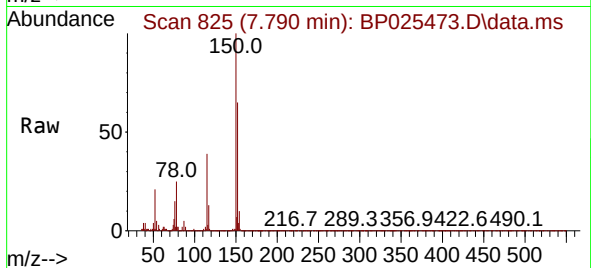
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	536382	51.353	ng	99
46) 1,1'-Biphenyl	13.225	154	1638603	46.160	ng	99
47) 2-Chloronaphthalene	13.266	162	1259783	45.586	ng	98
48) 2-Nitroaniline	13.466	65	415059	51.546	ng	98
49) Acenaphthylene	14.125	152	2177367	47.615	ng	100
50) Dimethylphthalate	13.854	163	1738994	48.585	ng	99
51) 2,6-Dinitrotoluene	13.966	165	395341	52.404	ng	98
52) Acenaphthene	14.472	154	1220137	45.457	ng	99
53) 3-Nitroaniline	14.296	138	300405	35.392	ng	97
54) 2,4-Dinitrophenol	14.513	184	495694	123.038	ng	99
55) Dibenzofuran	14.813	168	2007042	47.295	ng	100
56) 4-Nitrophenol	14.625	139	746663	107.051	ng	98
57) 2,4-Dinitrotoluene	14.766	165	583246	54.187	ng	99
58) Fluorene	15.466	166	1589403	47.465	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	472386	51.220	ng	100
60) Diethylphthalate	15.243	149	1844493	50.715	ng	99
61) 4-Chlorophenyl-phenyle...	15.460	204	789982	47.436	ng	98
62) 4-Nitroaniline	15.484	138	442261	50.825	ng	99
63) Azobenzene	15.754	77	1593888	51.181	ng	99
65) 4,6-Dinitro-2-methylph...	15.548	198	340236	52.303	ng	96
66) n-Nitrosodiphenylamine	15.678	169	1483025	46.603	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	531300	46.291	ng	96
68) Hexachlorobenzene	16.495	284	616466	46.335	ng	98
69) Atrazine	16.660	200	590070	49.512	ng	97
70) Pentachlorophenol	16.848	266	843937	100.486	ng	97
71) Phenanthrene	17.254	178	2687053	46.873	ng	99
72) Anthracene	17.348	178	2780840	47.501	ng	100
73) Carbazole	17.619	167	2645585	47.978	ng	99
74) Di-n-butylphthalate	18.213	149	3375219	49.751	ng	100
75) Fluoranthene	19.336	202	3282061	47.997	ng	99
77) Benzidine	19.519	184	1590772	43.560	ng	100
78) Pyrene	19.713	202	3315062	47.664	ng	100
80) Butylbenzylphthalate	20.654	149	1618023	51.331	ng	98
81) Benzo(a)anthracene	21.630	228	3439380	48.736	ng	99
82) 3,3'-Dichlorobenzidine	21.548	252	816647	30.701	ng	99
83) Chrysene	21.701	228	3127598	47.324	ng	99
84) Bis(2-ethylhexyl)phtha...	21.566	149	2323944	50.084	ng	98
85) Di-n-octyl phthalate	22.860	149	4076449	51.076	ng	99
87) Indeno(1,2,3-cd)pyrene	28.859	276	3998661m	46.336	ng	
88) Benzo(b)fluoranthene	23.954	252	3354449	48.343	ng	100
89) Benzo(k)fluoranthene	24.019	252	3390357	48.827	ng	99
90) Benzo(a)pyrene	24.854	252	3251341	48.136	ng	100
91) Dibenzo(a,h)anthracene	28.971	278	3297613	46.760	ng	97
92) Benzo(g,h,i)perylene	30.054	276	3230088	46.595	ng	98

(#) = 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: BP025473.D
 Acq: 19 Aug 2025 12:47

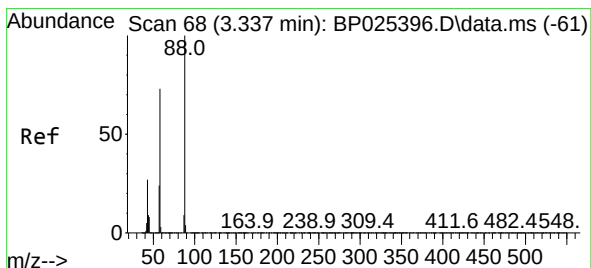
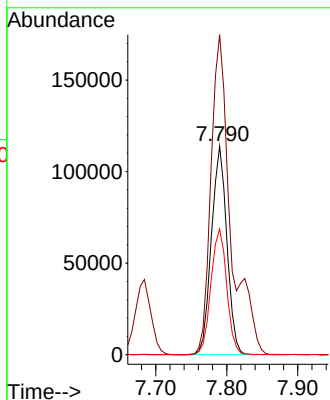
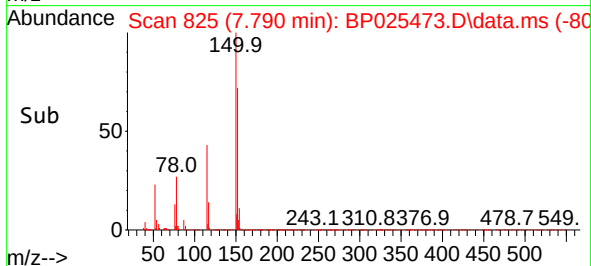
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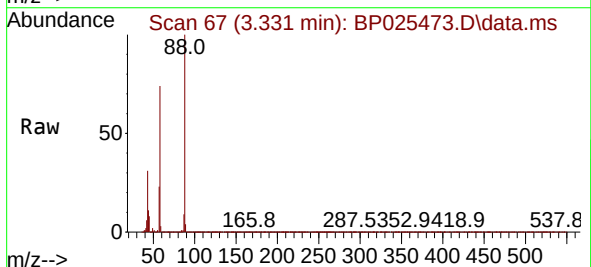
Tgt Ion:152 Resp: 172374
 Ion Ratio Lower Upper
 152 100
 150 153.4 125.9 188.9
 115 60.2 48.5 72.7

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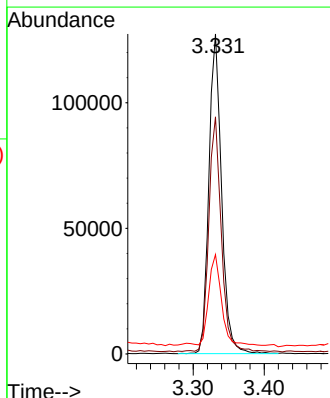
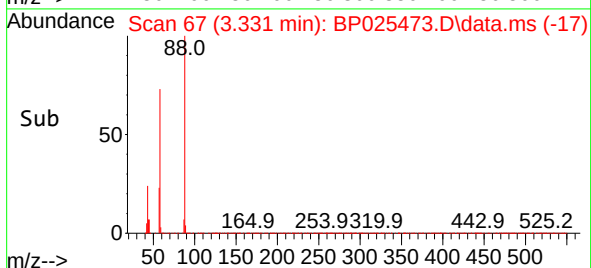
Reviewed By :Rahul Chavli 08/20/2025
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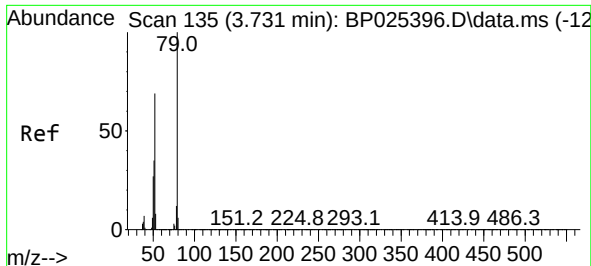


#2
 1,4-Dioxane
 Concen: 38.889 ng
 RT: 3.331 min Scan# 67
 Delta R.T. -0.006 min
 Lab File: BP025473.D
 Acq: 19 Aug 2025 12:47



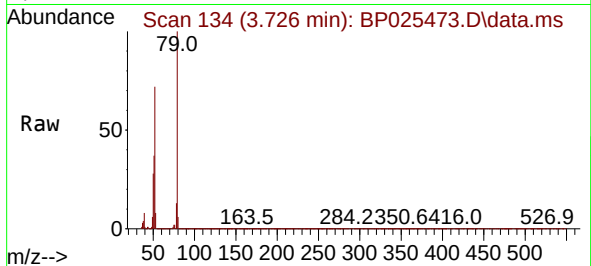
Tgt Ion: 88 Resp: 158108
 Ion Ratio Lower Upper
 88 100
 58 73.4 59.2 88.8
 43 28.3 21.7 32.5





#3
Pyridine
Concen: 39.230 ng
RT: 3.726 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

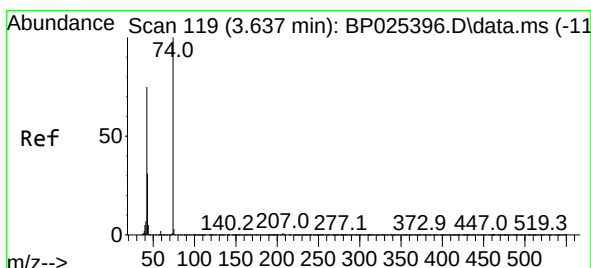
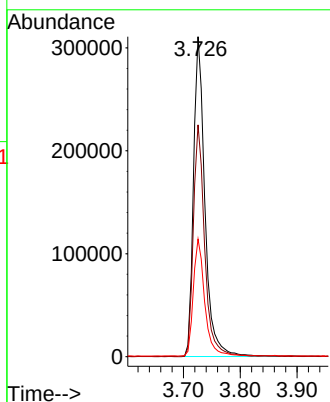
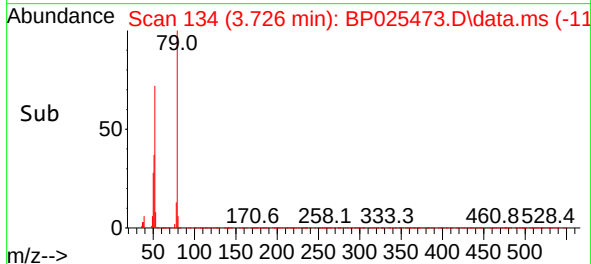
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BNA_P
ClientSampleId :
PB169244BSD



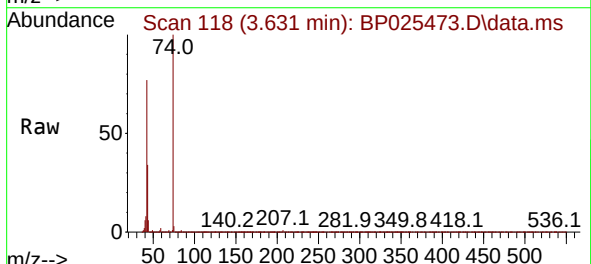
Tgt Ion: 79 Resp: 436550
Ion Ratio Lower Upper
79 100
52 72.5 55.5 83.3
51 36.8 28.3 42.5

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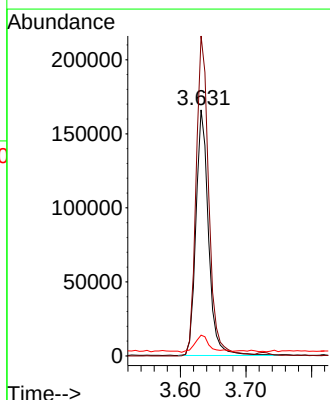
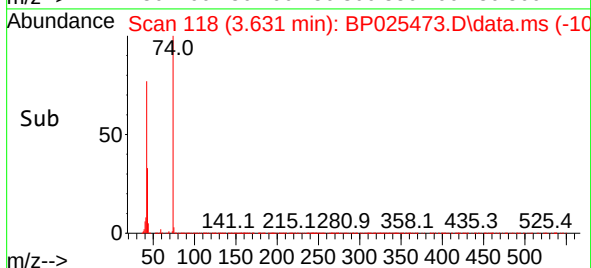
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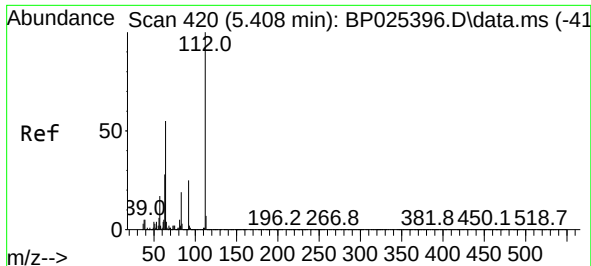


#4
n-Nitrosodimethylamine
Concen: 48.284 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47



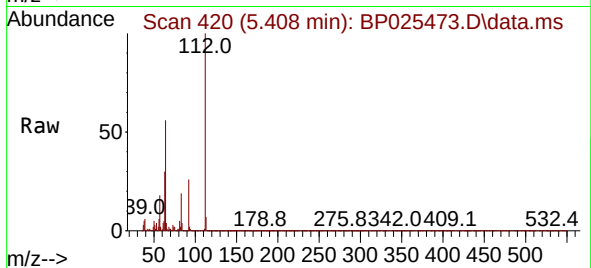
Tgt Ion: 42 Resp: 221517
Ion Ratio Lower Upper
42 100
74 130.0 107.0 160.4
44 8.4 6.2 9.4





#5
2-Fluorophenol
Concen: 141.294 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

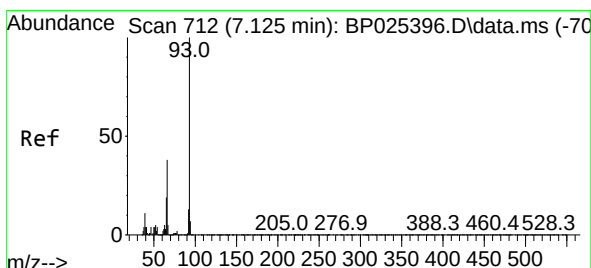
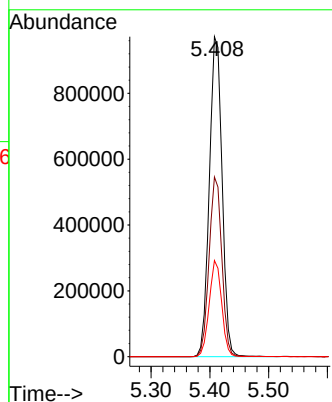
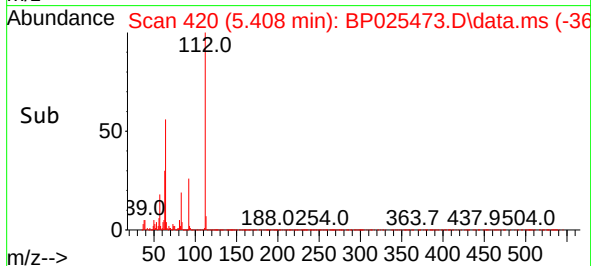
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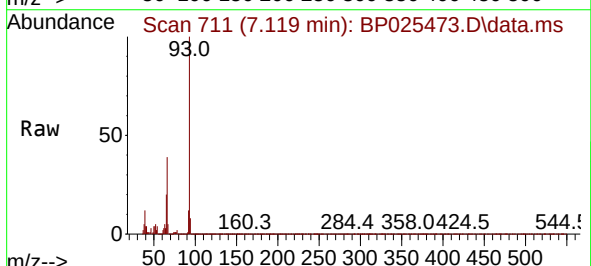
Tgt Ion: 112 Resp: 146657
Ion Ratio Lower Upper
112 100
64 56.2 43.8 65.8
63 30.0 22.7 34.1

Manual Integrations
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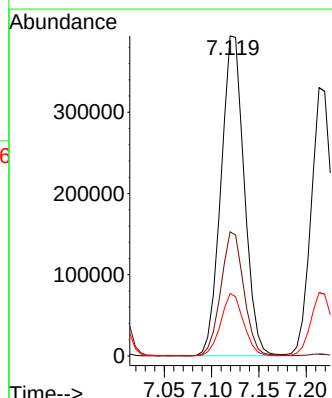
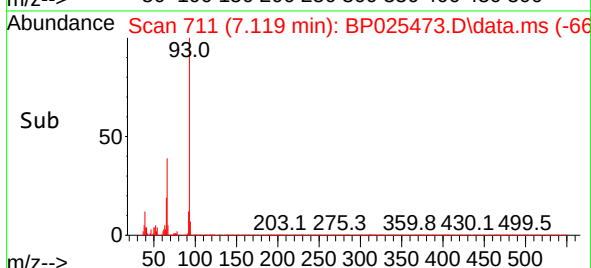
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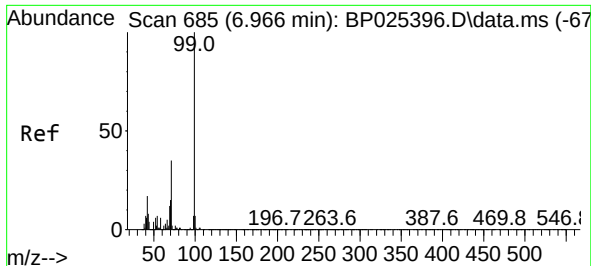


#6
Aniline
Concen: 37.518 ng
RT: 7.119 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47



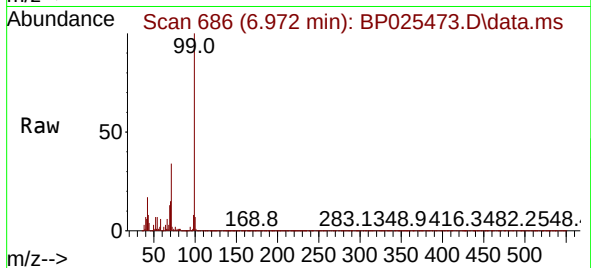
Tgt Ion: 93 Resp: 672688
Ion Ratio Lower Upper
93 100
66 38.8 30.4 45.6
65 19.5 15.3 22.9





#7
Phenol-d6
Concen: 140.533 ng
RT: 6.972 min Scan# 685
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

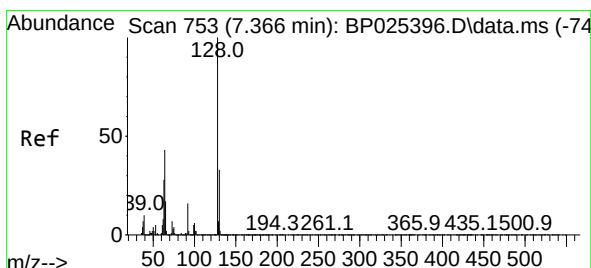
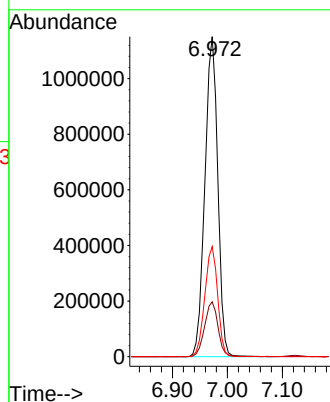
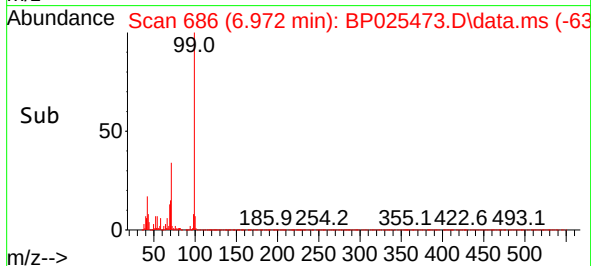
Instrument :
BNA_P
ClientSampleId :
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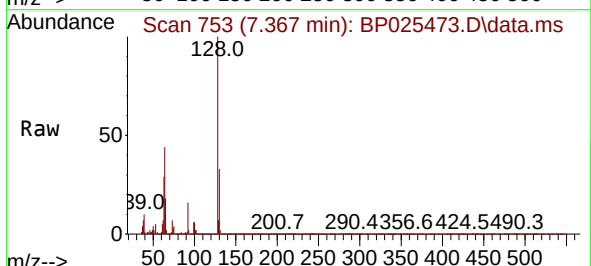
Tgt Ion: 99 Resp: 1870140
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 34.4 28.2 42.4

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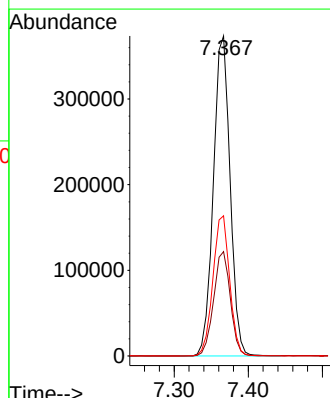
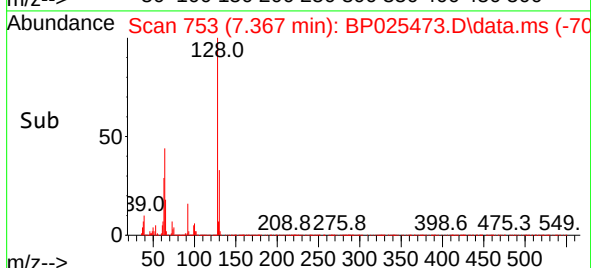
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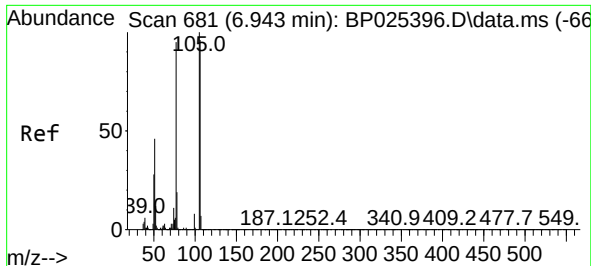


#8
2-Chlorophenol
Concen: 49.881 ng
RT: 7.367 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47



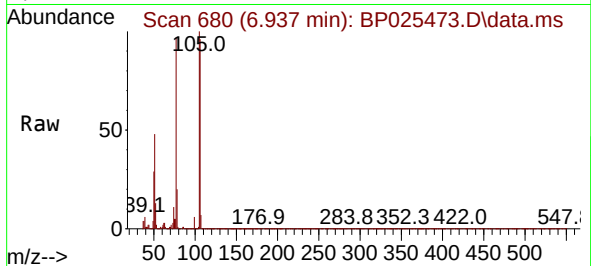
Tgt Ion:128 Resp: 584248
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 43.8 23.4 63.4





#9
Benzaldehyde
Concen: 28.288 ng
RT: 6.937 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

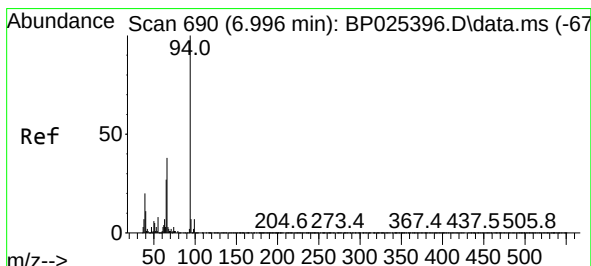
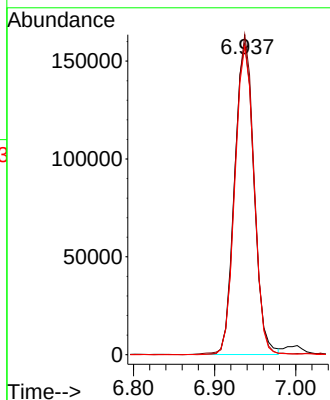
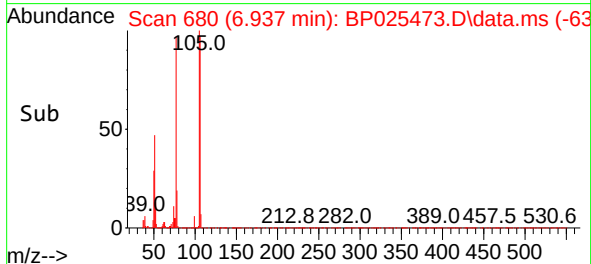
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 77 Resp: 263740
Ion Ratio Lower Upper
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105 102.9 84.8 124.8
106 99.2 80.5 120.5

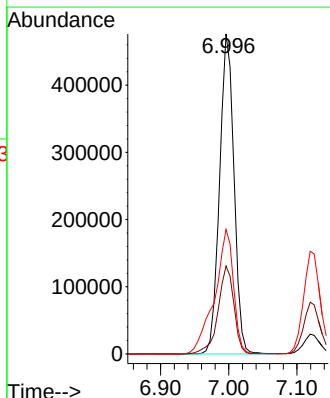
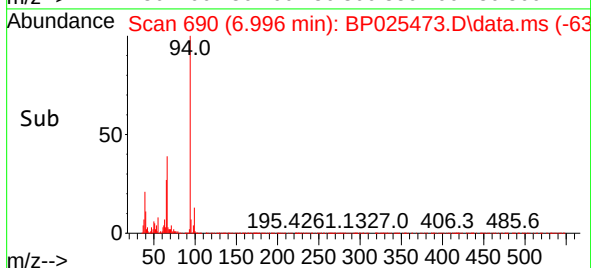
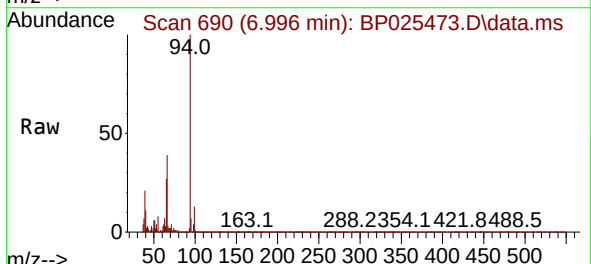
Manual Integrations
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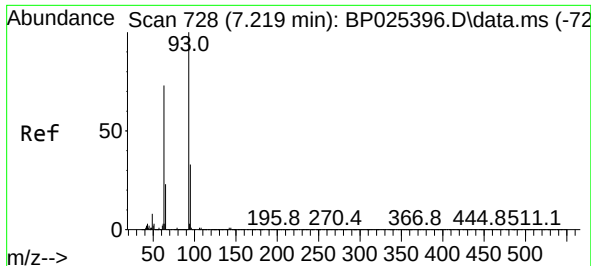
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#10
Phenol
Concen: 50.262 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

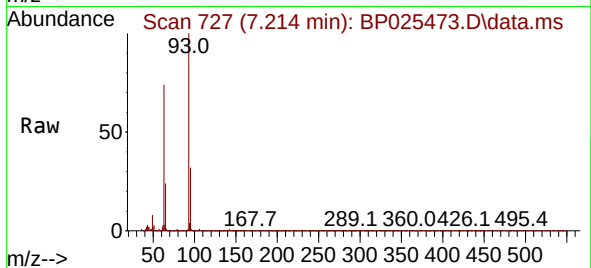
Tgt Ion: 94 Resp: 701844
Ion Ratio Lower Upper
94 100
65 27.5 6.8 46.8
66 38.9 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 46.912 ng
RT: 7.214 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

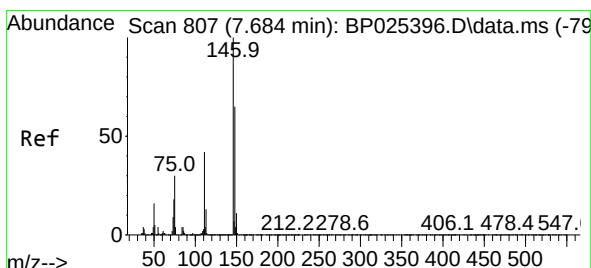
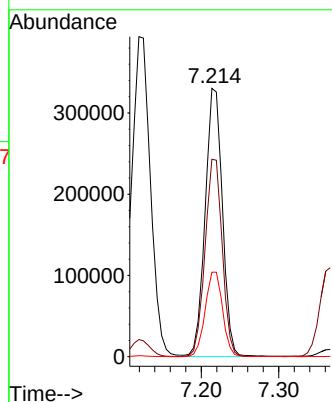
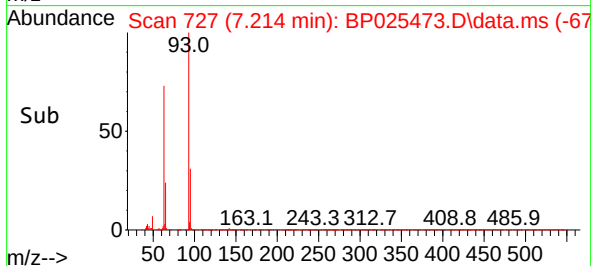
Instrument :
BNA_P
ClientSampleId :
PB169244BSD



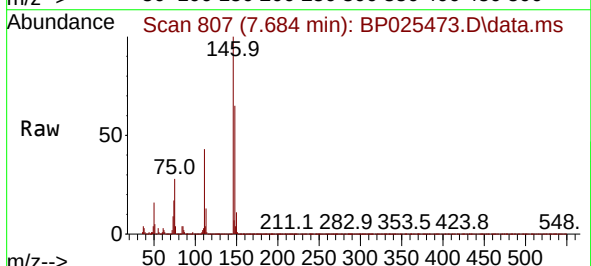
Tgt Ion: 93 Resp: 51057
Ion Ratio Lower Upper
93 100
63 73.6 52.6 92.6
95 31.5 12.7 52.7

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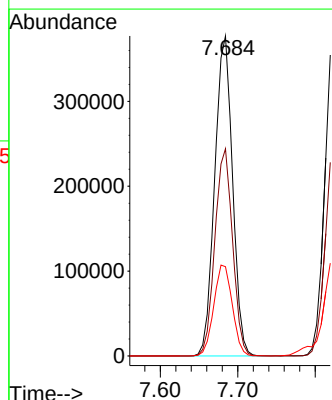
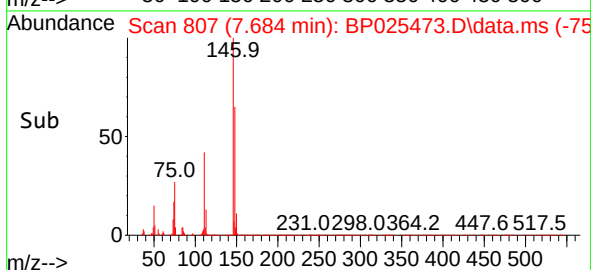
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

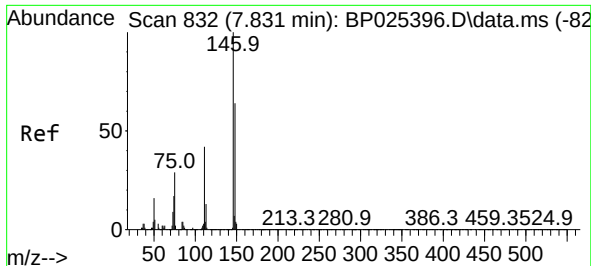


#12
1,3-Dichlorobenzene
Concen: 46.552 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47



Tgt Ion:146 Resp: 601240
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
75 27.9 23.7 35.5





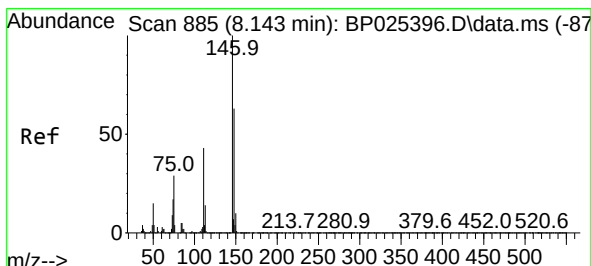
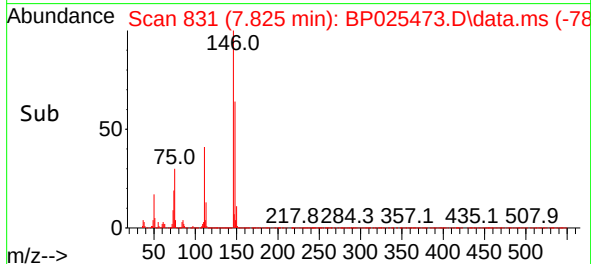
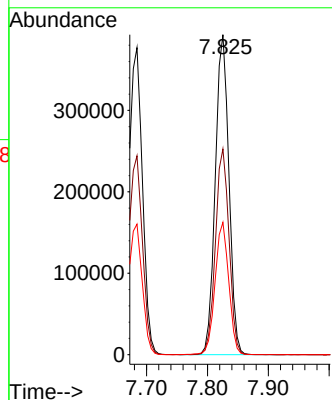
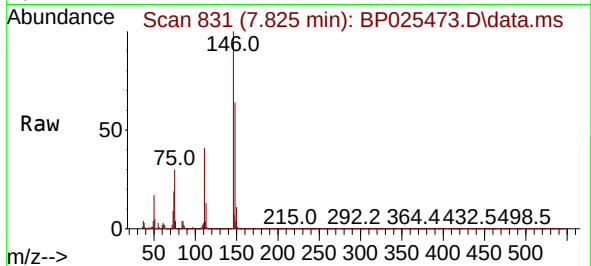
#13
1,4-Dichlorobenzene
Concen: 46.233 ng
RT: 7.825 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Instrument :
BNA_P
ClientSampleId :
PB169244BSD

Tgt Ion:146 Resp: 61032
Ion Ratio Lower Upper
146 100
148 64.3 51.6 77.4
111 41.4 33.4 50.0

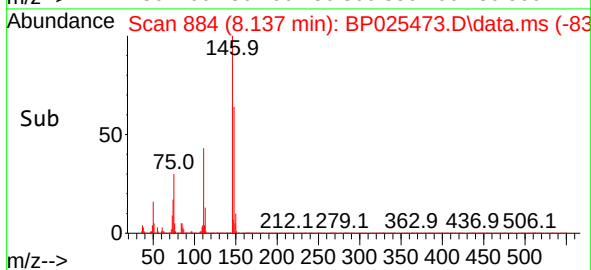
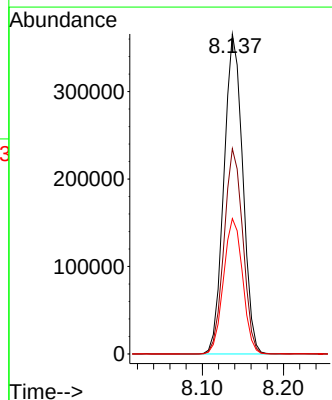
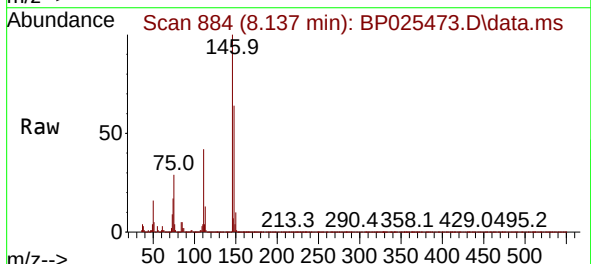
Manual Integrations
APPROVED

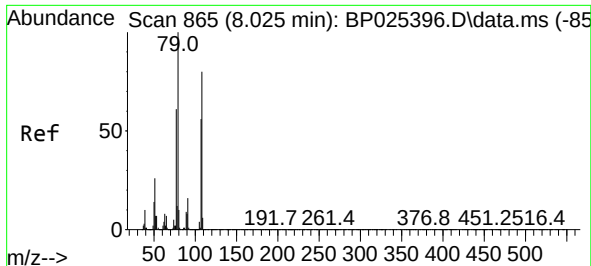
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#14
1,2-Dichlorobenzene
Concen: 46.093 ng
RT: 8.137 min Scan# 884
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

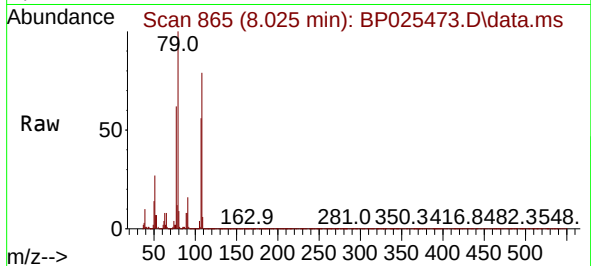
Tgt Ion:146 Resp: 589005
Ion Ratio Lower Upper
146 100
148 64.2 50.4 75.6
111 42.3 34.5 51.7





#15
Benzyl Alcohol
Concen: 47.704 ng
RT: 8.025 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

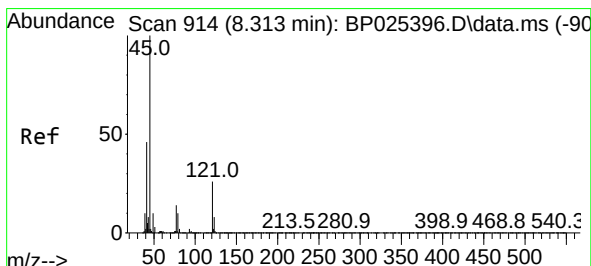
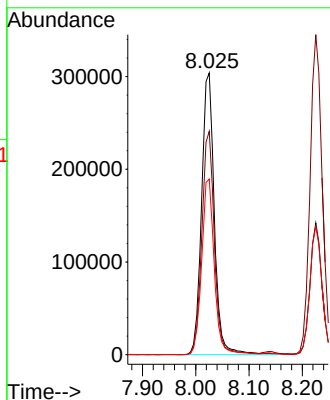
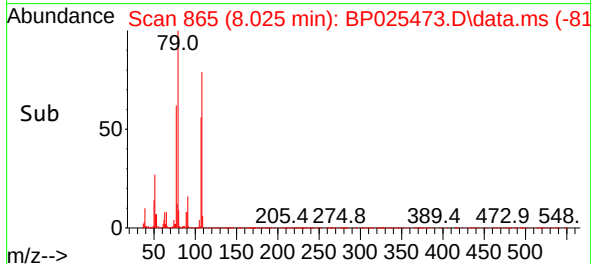
Instrument :
BNA_P
ClientSampleId :
PB169244BSD



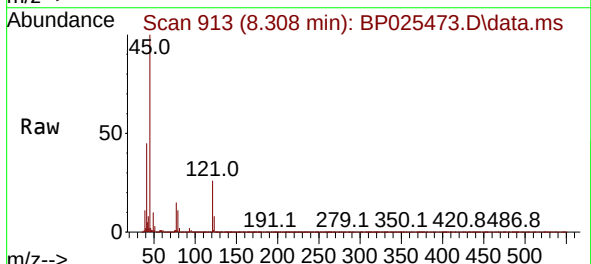
Tgt Ion: 79 Resp: 504404
Ion Ratio Lower Upper
79 100
108 79.2 63.8 95.6
77 62.4 49.0 73.4

Manual Integrations
APPROVED

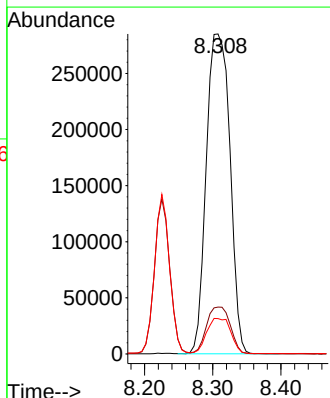
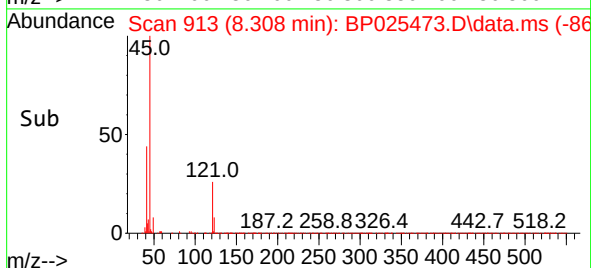
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

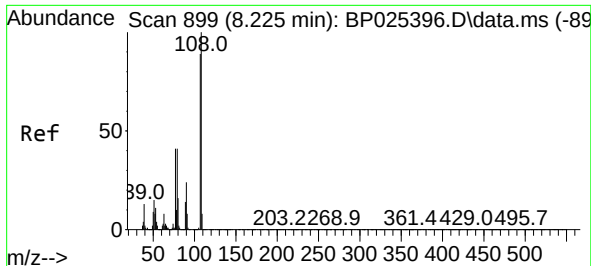


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.263 ng
RT: 8.308 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47



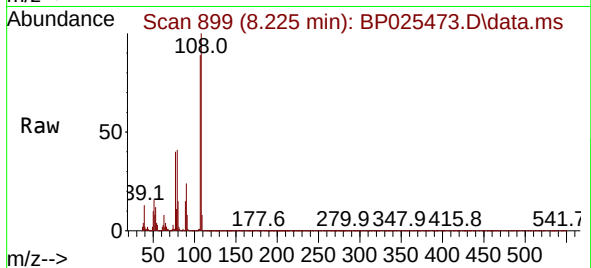
Tgt Ion: 45 Resp: 689083
Ion Ratio Lower Upper
45 100
77 14.6 0.0 35.3
79 11.1 0.0 31.8





#17
2-Methylphenol
Concen: 49.736 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

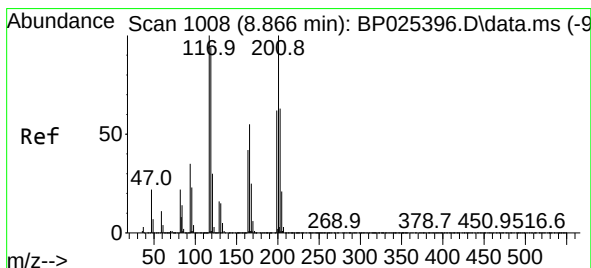
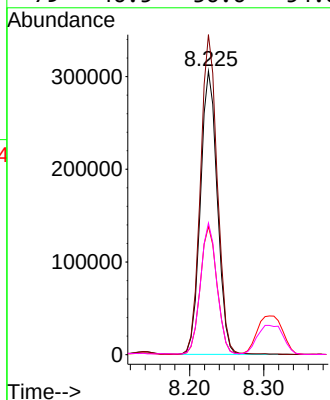
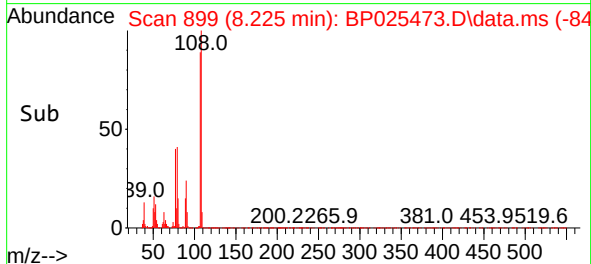
Instrument :
BNA_P
ClientSampleId :
PB169244BSD



Tgt Ion:107 Resp: 482348
Ion Ratio Lower Upper
107 100
108 112.9 89.4 134.0
77 45.2 36.3 54.5
79 46.5 36.6 54.8

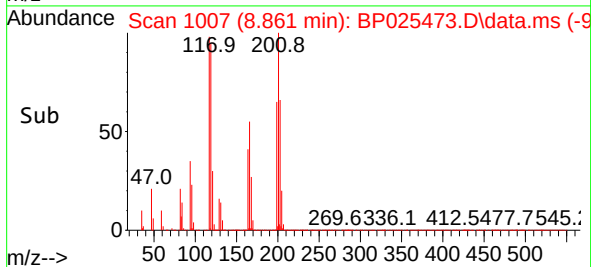
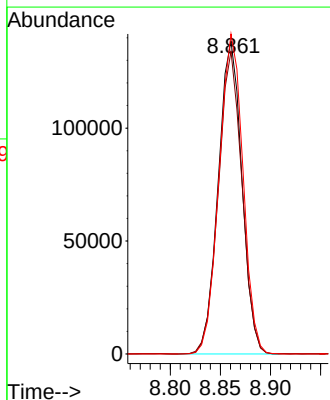
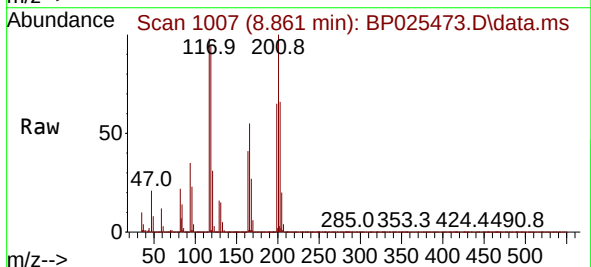
Manual Integrations
APPROVED

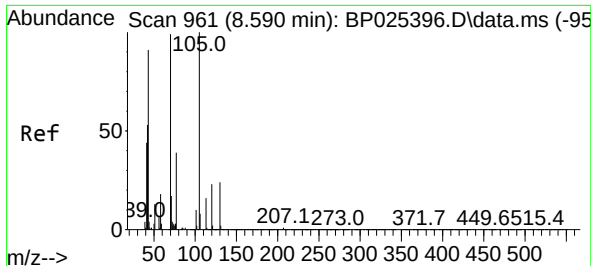
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#18
Hexachloroethane
Concen: 46.811 ng
RT: 8.861 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

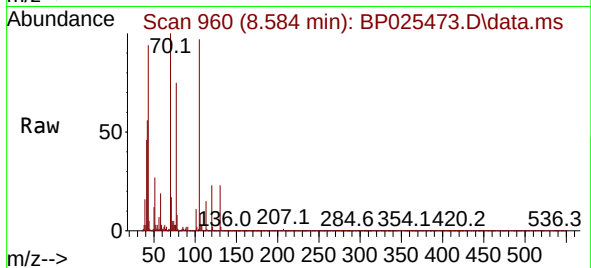
Tgt Ion:117 Resp: 227208
Ion Ratio Lower Upper
117 100
119 96.8 75.1 112.7
201 102.3 80.1 120.1





#19
n-Nitroso-di-n-propylamine
Concen: 44.678 ng
RT: 8.584 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

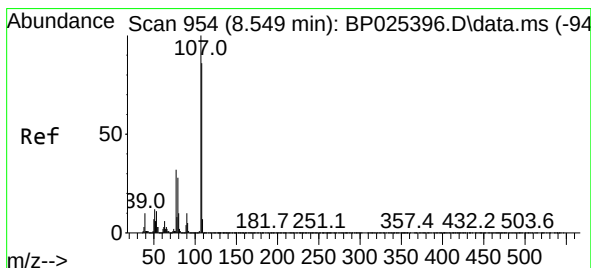
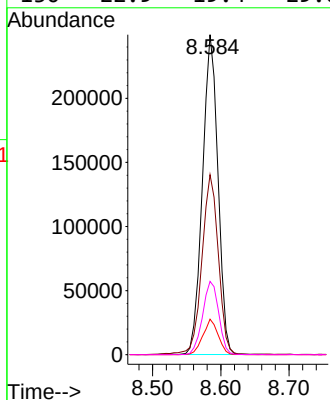
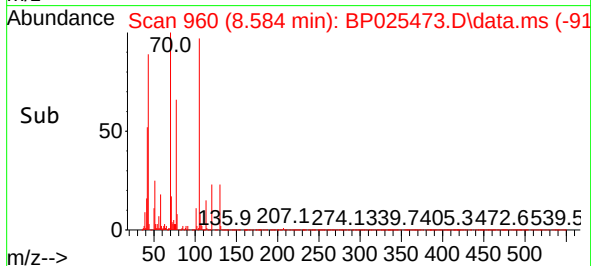
Instrument :
BNA_P
ClientSampleId :
PB169244BSD



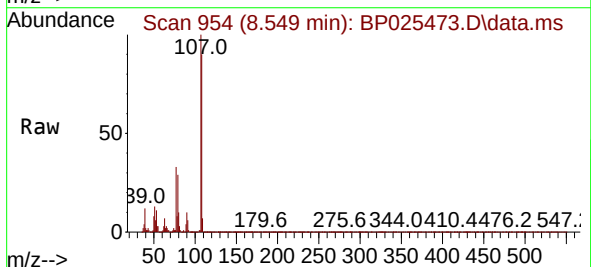
Tgt Ion: 70 Resp: 39382
Ion Ratio Lower Upper
70 100
42 56.2 43.8 65.6
101 11.1 8.5 12.7
130 22.9 19.4 29.0

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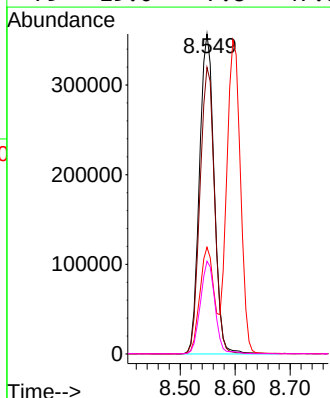
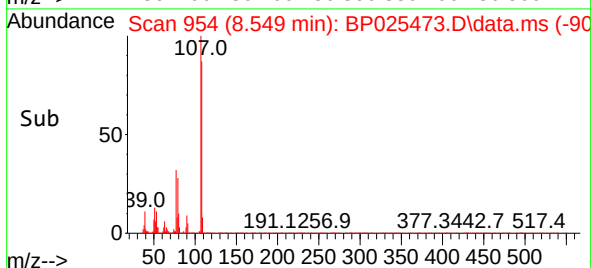
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

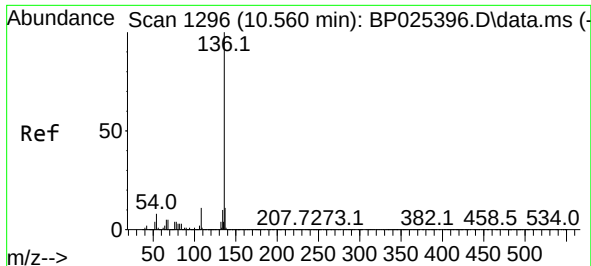


#20
3+4-Methylphenols
Concen: 49.134 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47



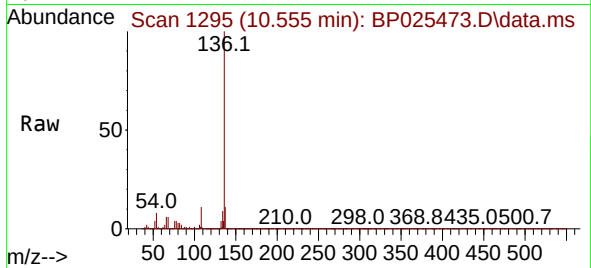
Tgt Ion:107 Resp: 660509
Ion Ratio Lower Upper
107 100
108 89.5 66.3 106.3
77 33.4 12.3 52.3
79 29.0 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

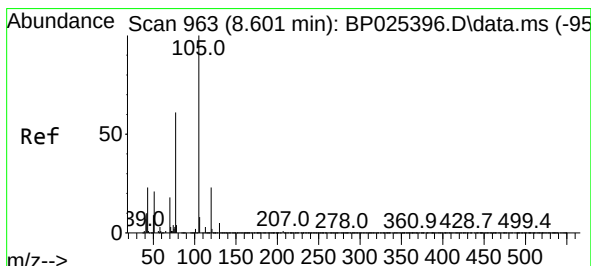
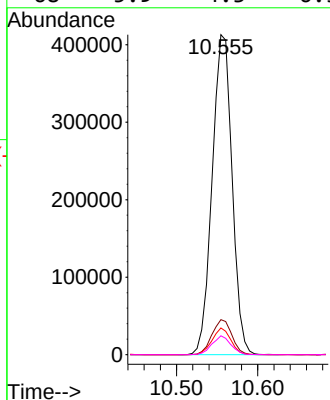
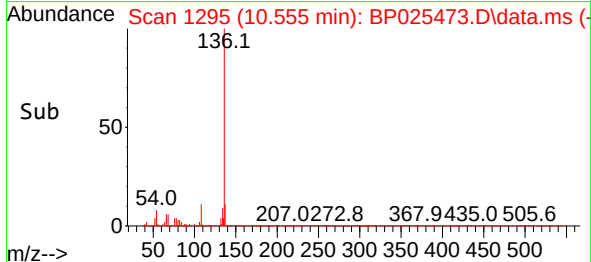
Instrument :
BNA_P
ClientSampleId :
PB169244BSD



Tgt Ion:136 Resp: 704478
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 8.4 6.0 9.0
68 5.9 4.3 6.5

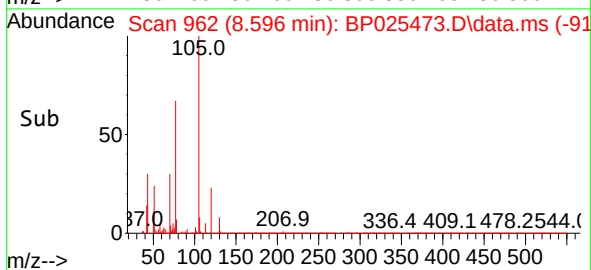
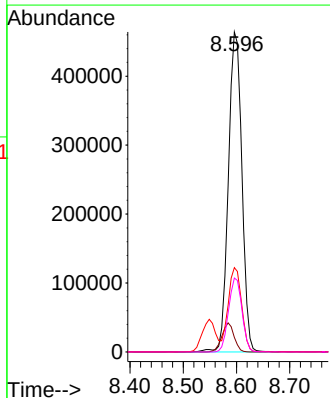
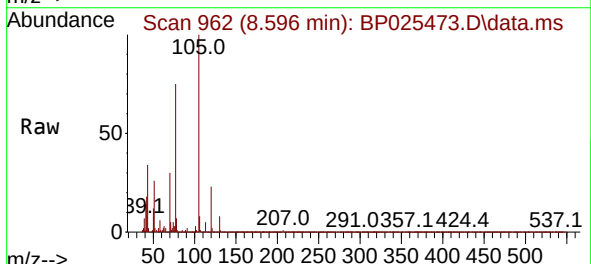
Manual Integrations
APPROVED

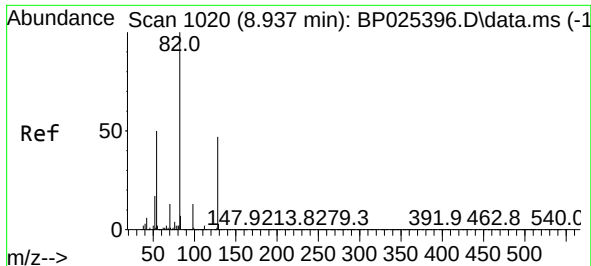
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#22
Acetophenone
Concen: 46.389 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

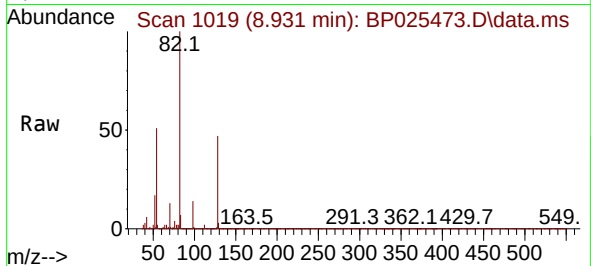
Tgt Ion:105 Resp: 819556
Ion Ratio Lower Upper
105 100
71 4.5 2.6 4.0#
51 26.4 20.6 30.8
120 23.1 18.6 27.8





#23
Nitrobenzene-d5
Concen: 84.587 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

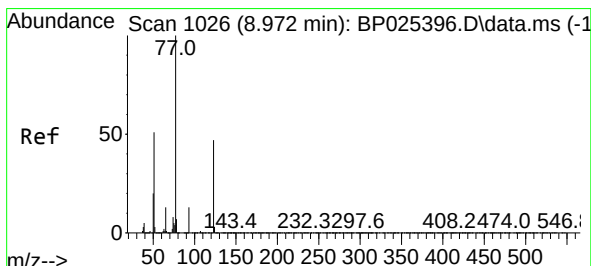
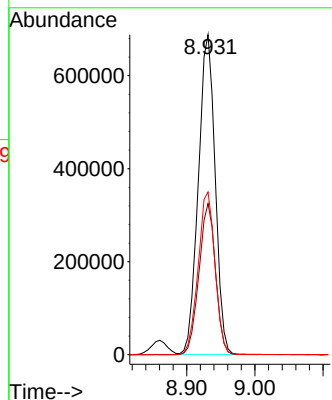
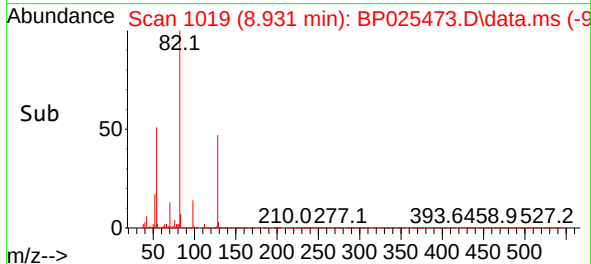
Instrument :
BNA_P
ClientSampleId :
PB169244BSD



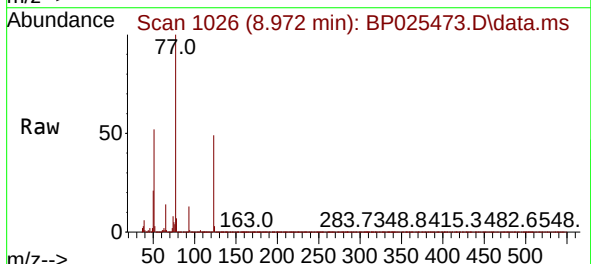
Tgt Ion: 82 Resp: 1177998
Ion Ratio Lower Upper
82 100
128 47.3 37.7 56.5
54 50.9 39.8 59.6

Manual Integrations
APPROVED

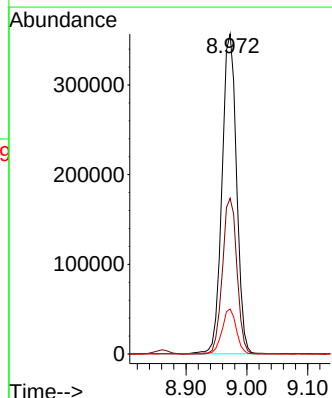
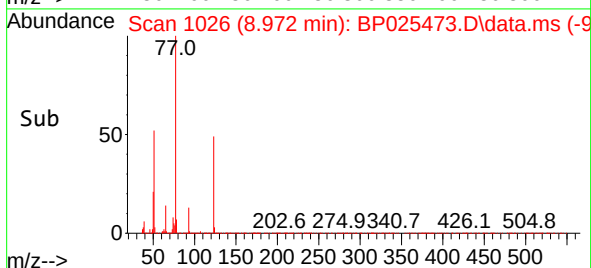
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

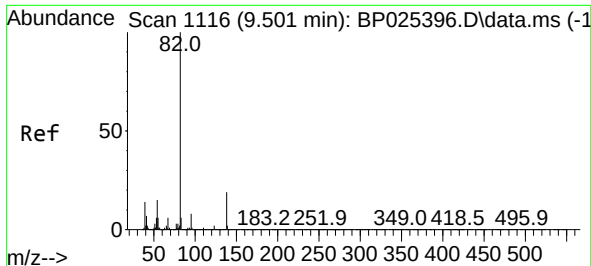


#24
Nitrobenzene
Concen: 47.489 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47



Tgt Ion: 77 Resp: 591064
Ion Ratio Lower Upper
77 100
123 48.7 38.6 58.0
65 14.1 10.6 15.8





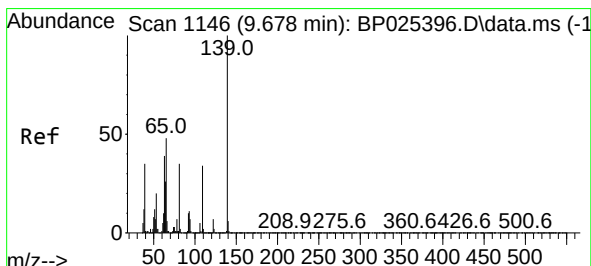
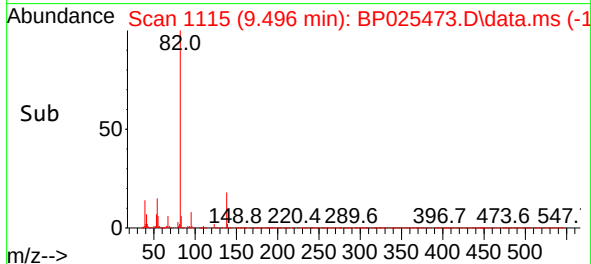
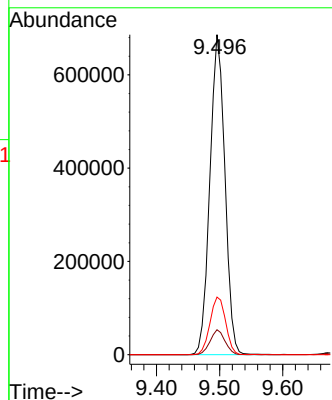
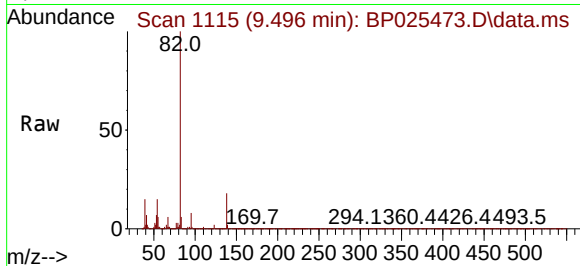
#25
Isophorone
Concen: 46.032 ng
RT: 9.496 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Instrument :
BNA_P
ClientSampleId :
PB169244BSD

Tgt Ion: 82 Resp: 113451
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.0 15.4 23.0

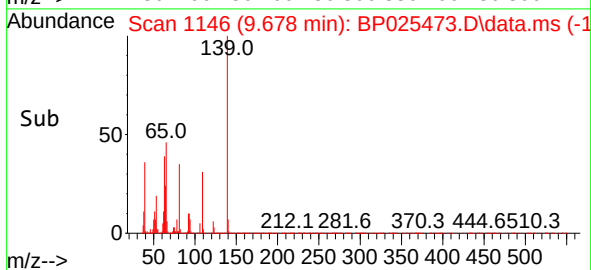
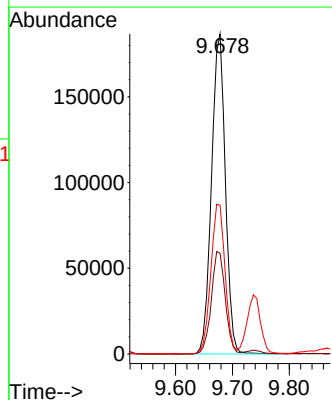
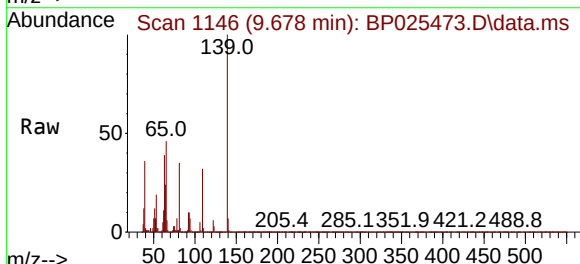
Manual Integrations
APPROVED

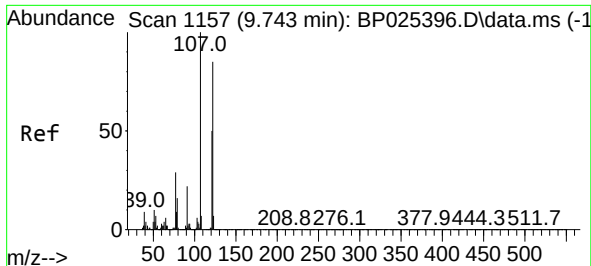
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#26
2-Nitrophenol
Concen: 49.309 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:139 Resp: 314959
Ion Ratio Lower Upper
139 100
109 31.5 26.9 40.3
65 46.5 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 50.825 ng

RT: 9.737 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

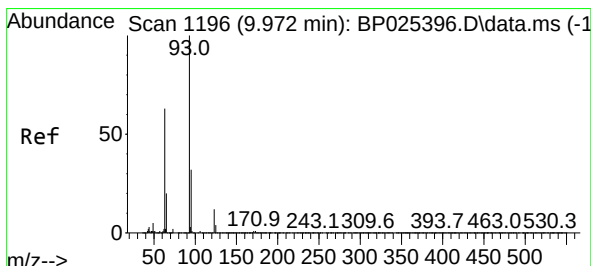
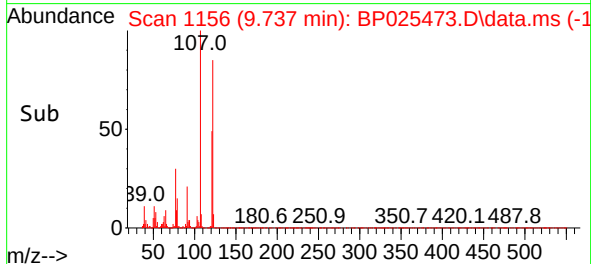
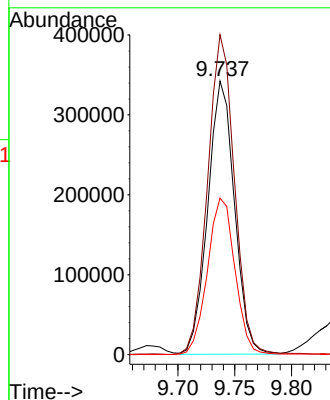
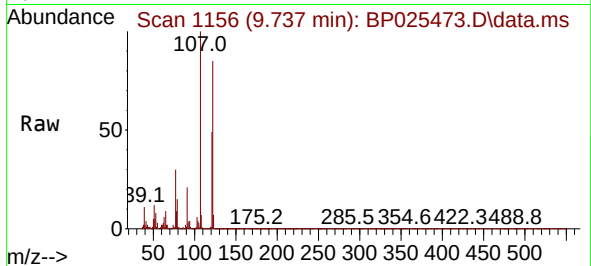
Tgt Ion:	122	Resp:	55829
Ion Ratio	Lower	Upper	
122	100		
107	117.0	93.7	140.5
121	57.3	46.6	69.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#28

bis(2-Chloroethoxy)methane

Concen: 46.914 ng

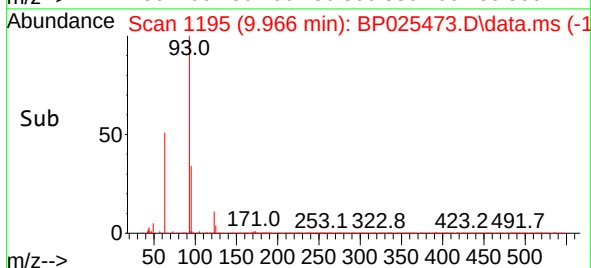
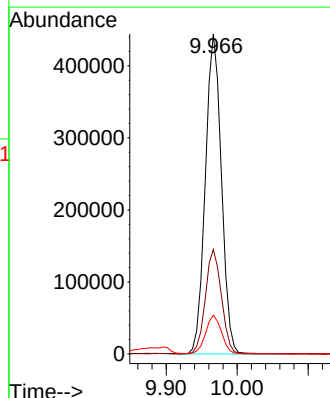
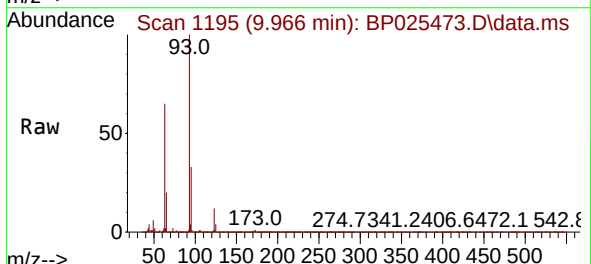
RT: 9.966 min Scan# 1195

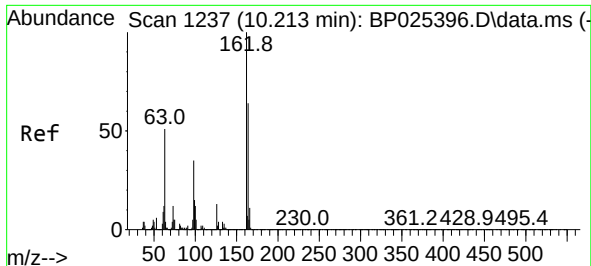
Delta R.T. -0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

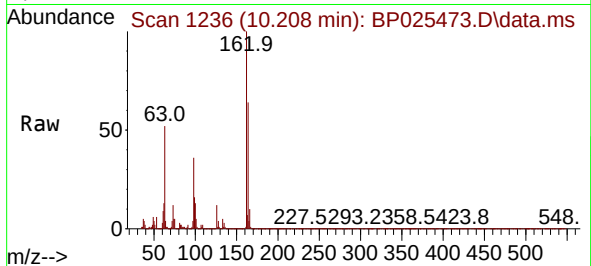
Tgt Ion:	93	Resp:	698931
Ion Ratio	Lower	Upper	
93	100		
95	32.7	25.4	38.0
123	12.1	9.4	14.0





#29
2,4-Dichlorophenol
Concen: 51.769 ng
RT: 10.208 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

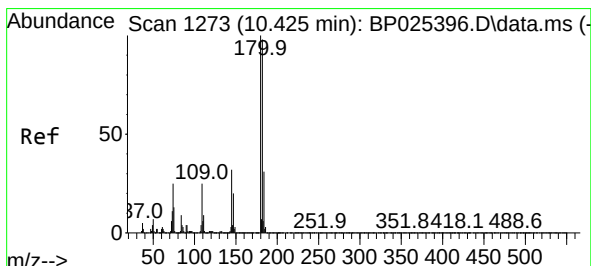
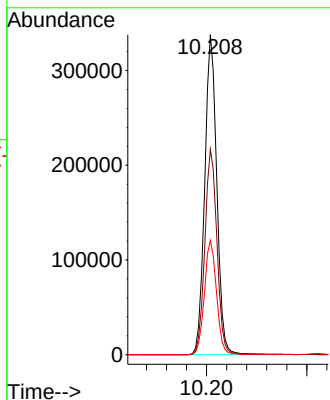
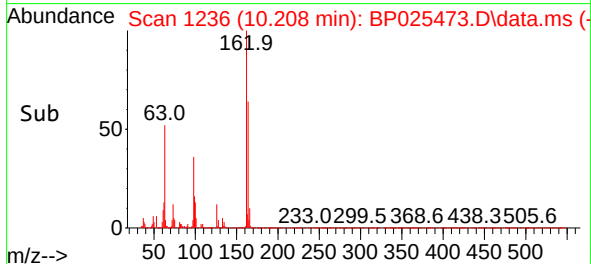
Instrument :
BNA_P
ClientSampleId :
PB169244BSD



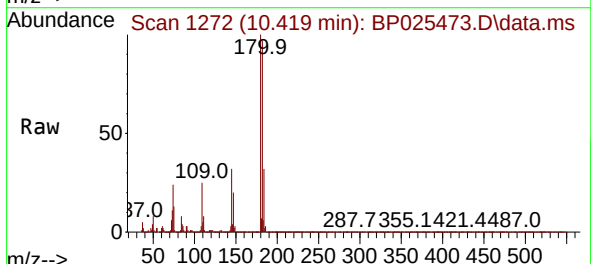
Tgt Ion:162 Resp: 564908
Ion Ratio Lower Upper
162 100
164 64.2 44.4 84.4
98 35.7 14.9 54.9

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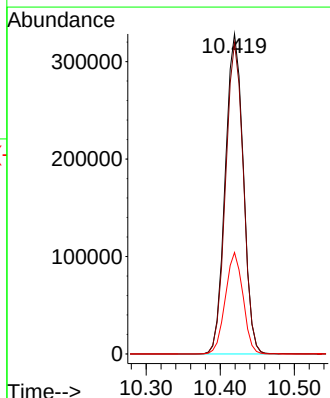
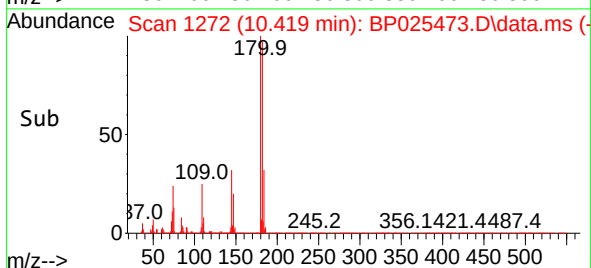
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

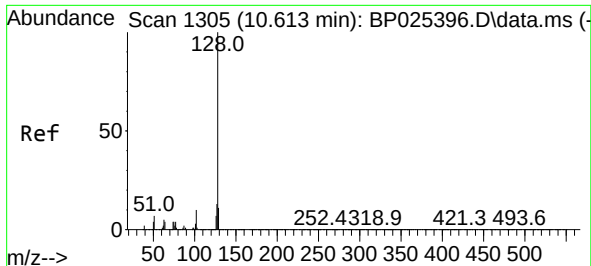


#30
1,2,4-Trichlorobenzene
Concen: 46.307 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47



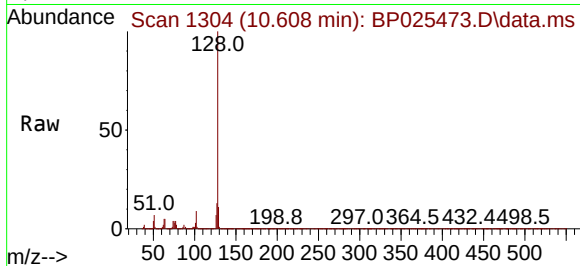
Tgt Ion:180 Resp: 553924
Ion Ratio Lower Upper
180 100
182 97.2 78.0 117.0
145 31.7 25.9 38.9





#31
Naphthalene
Concen: 46.717 ng
RT: 10.608 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

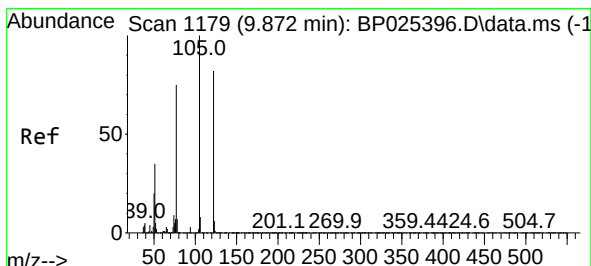
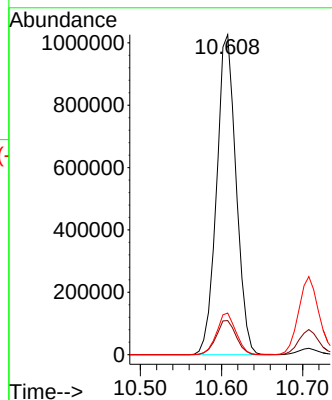
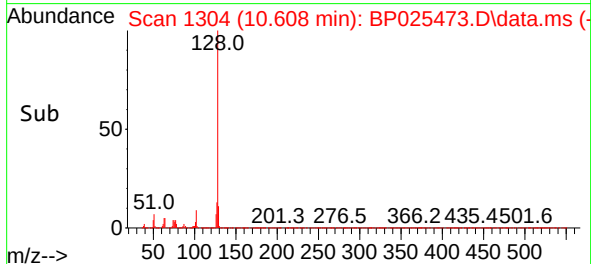
Instrument :
BNA_P
ClientSampleId :
PB169244BSD



Tgt Ion:128 Resp: 1710559
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.0 10.7 16.1

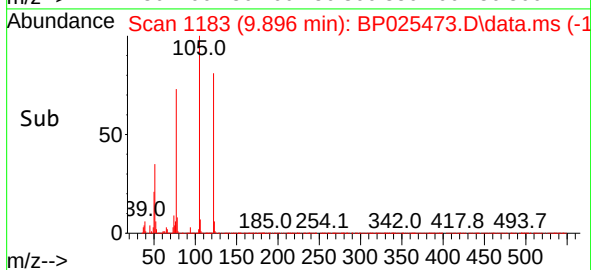
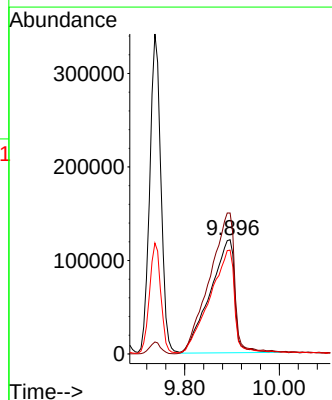
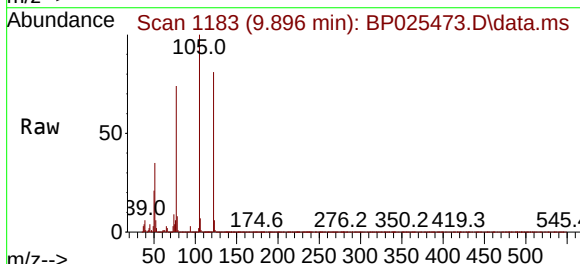
Manual Integrations
APPROVED

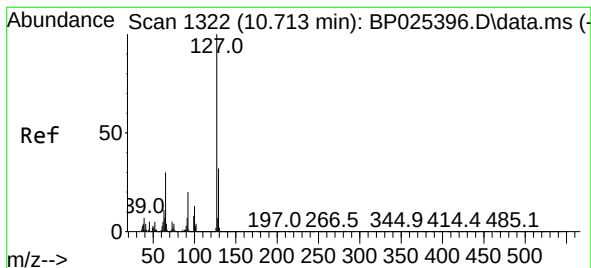
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#32
Benzoic acid
Concen: 54.190 ng
RT: 9.896 min Scan# 1183
Delta R.T. 0.024 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:122 Resp: 439462
Ion Ratio Lower Upper
122 100
105 123.3 100.6 140.6
77 90.8 71.5 111.5





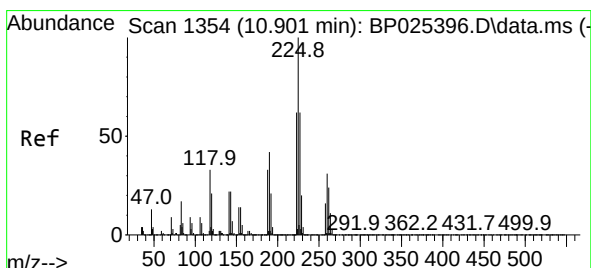
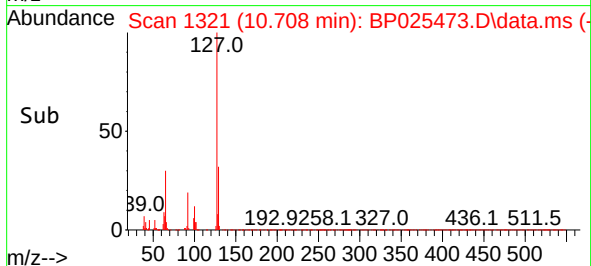
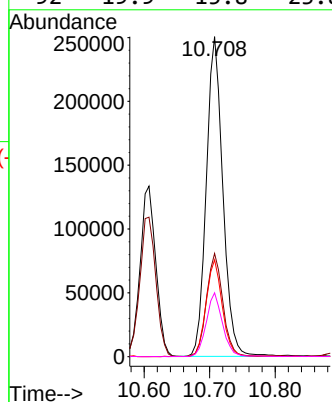
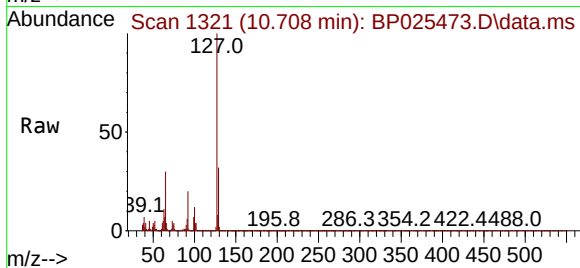
#33
4-Chloroaniline
Concen: 27.233 ng
RT: 10.708 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Instrument :
BNA_P
ClientSampleId :
PB169244BSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	30.3	23.8	35.6
92	19.9	15.8	23.8

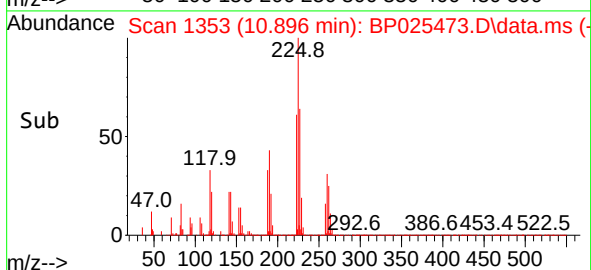
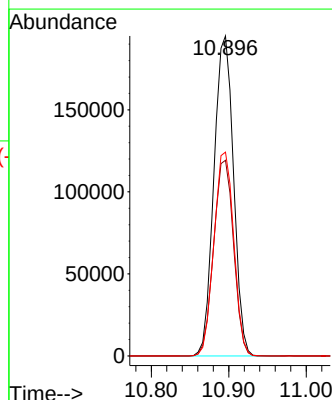
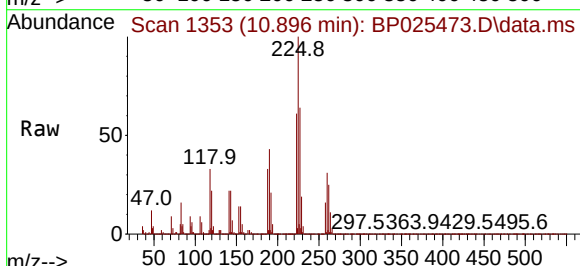
Manual Integrations
APPROVED

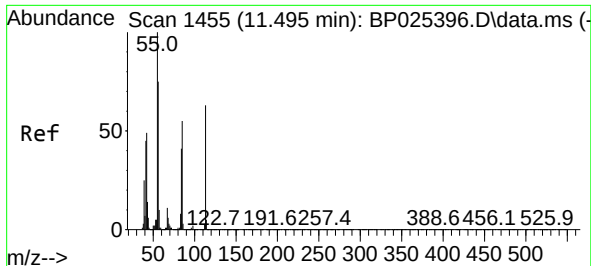
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#34
Hexachlorobutadiene
Concen: 46.008 ng
RT: 10.896 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

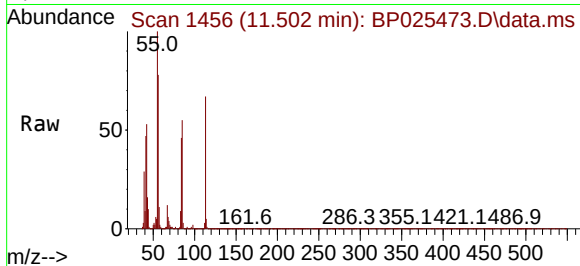
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.0	75.0
227	63.7	49.7	74.5





#35
Caprolactam
Concen: 52.506 ng m
RT: 11.502 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

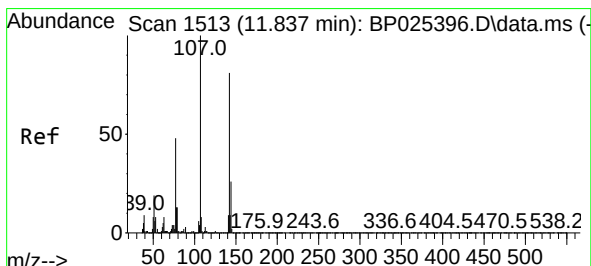
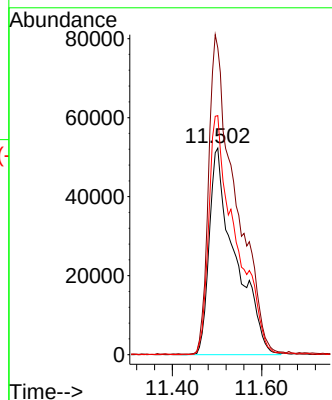
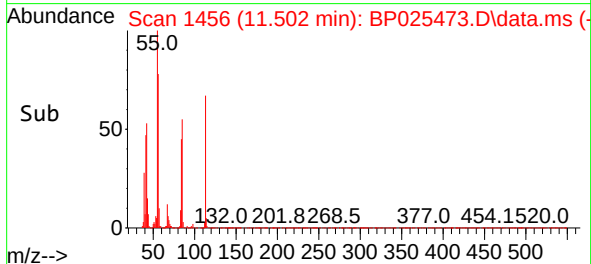
Instrument :
BNA_P
ClientSampleId :
PB169244BSD



Tgt Ion:113 Resp: 21088
Ion Ratio Lower Upper
113 100
55 148.5 140.0 180.0
56 115.7 100.0 140.0

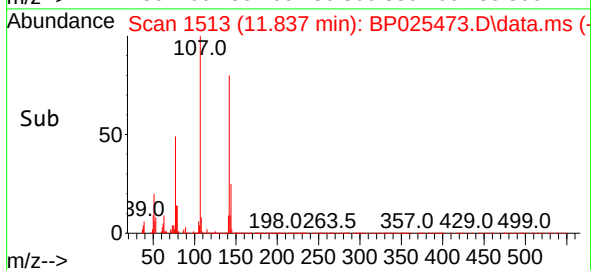
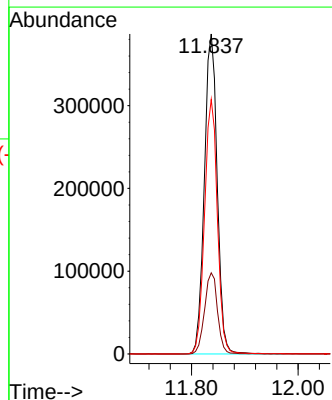
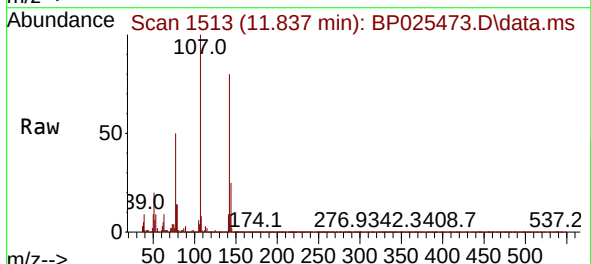
Manual Integrations
APPROVED

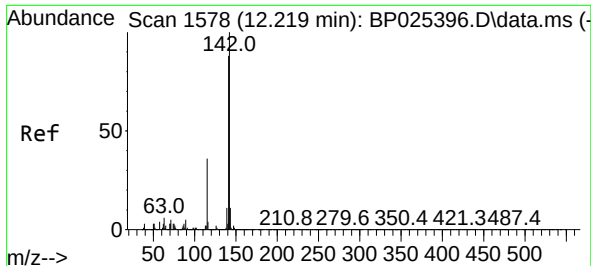
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#36
4-Chloro-3-methylphenol
Concen: 51.621 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:107 Resp: 646361
Ion Ratio Lower Upper
107 100
144 25.3 21.0 31.4
142 79.5 64.6 97.0





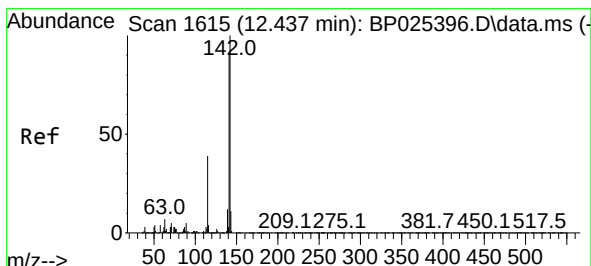
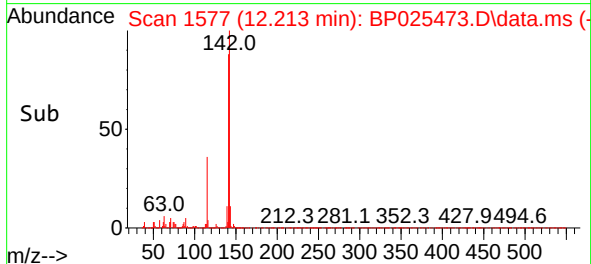
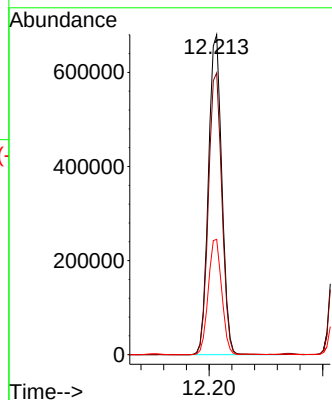
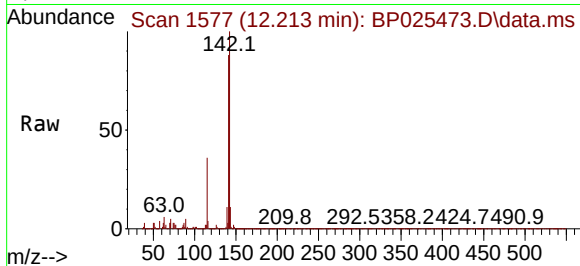
#37
2-Methylnaphthalene
Concen: 46.469 ng
RT: 12.213 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Instrument :
BNA_P
ClientSampleId :
PB169244BSD

Tgt Ion:142 Resp: 1107270
Ion Ratio Lower Upper
142 100
141 88.1 70.3 105.5
115 36.1 28.9 43.3

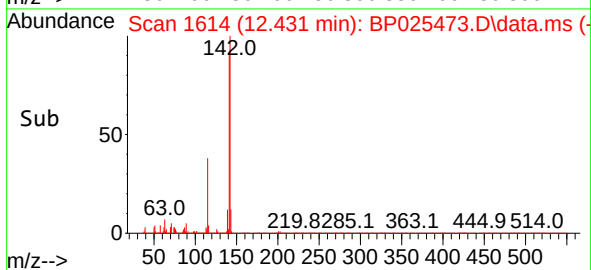
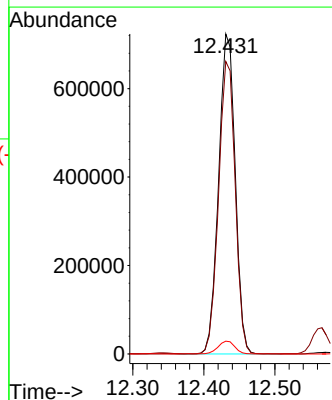
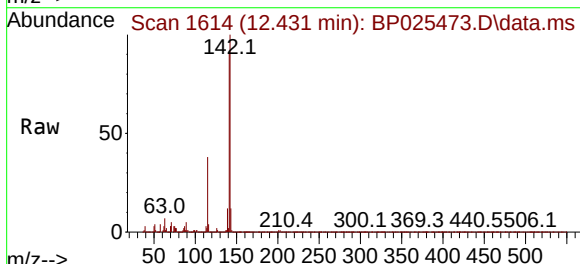
Manual Integrations
APPROVED

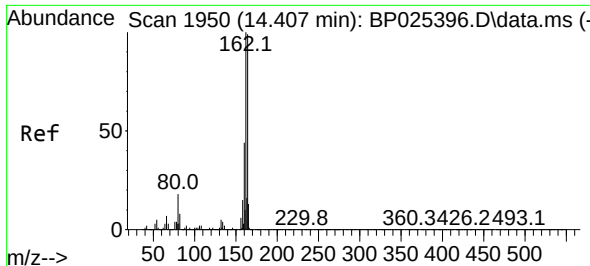
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#38
1-Methylnaphthalene
Concen: 46.102 ng
RT: 12.431 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

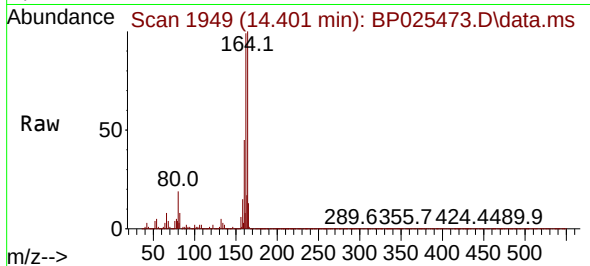
Tgt Ion:142 Resp: 1168249
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7
116 4.0 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

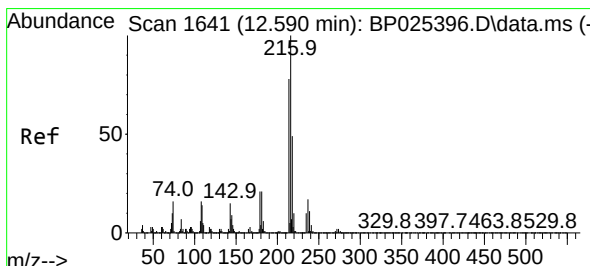
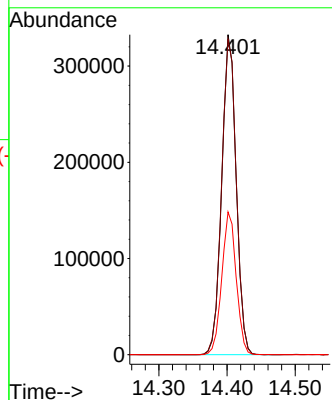
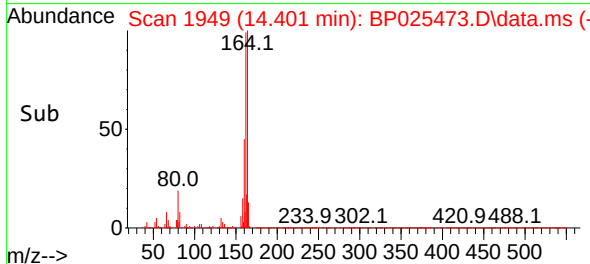
Instrument :
BNA_P
ClientSampleId :
PB169244BSD



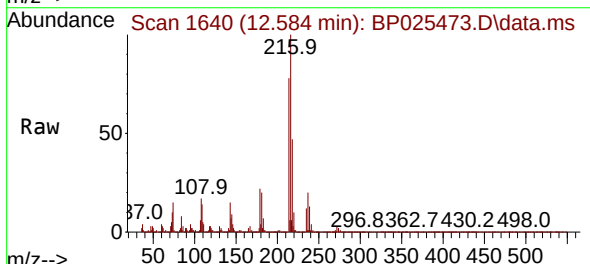
Tgt Ion:164 Resp: 488785
Ion Ratio Lower Upper
164 100
162 98.6 81.0 121.6
160 44.6 35.4 53.2

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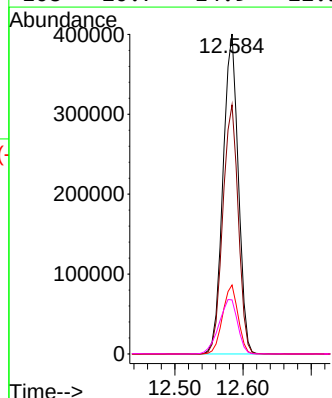
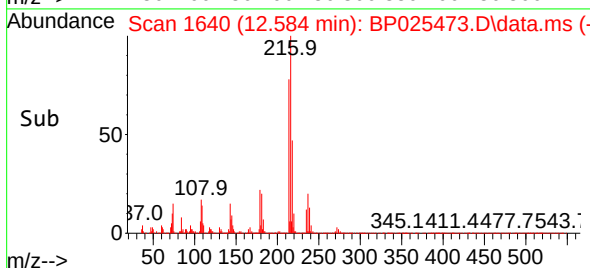
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

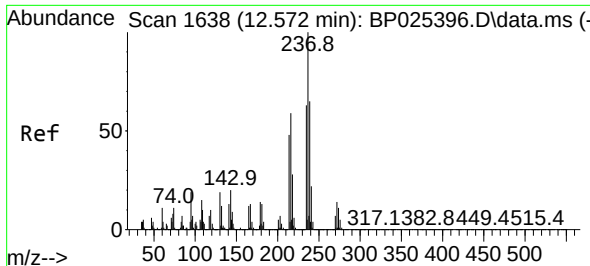


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.362 ng
RT: 12.584 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47



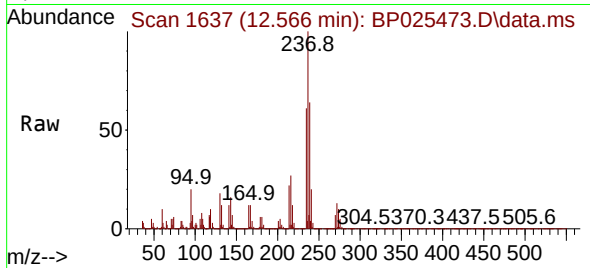
Tgt Ion:216 Resp: 626241
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.4
179 21.7 17.1 25.7
108 20.7 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 90.496 ng
RT: 12.566 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

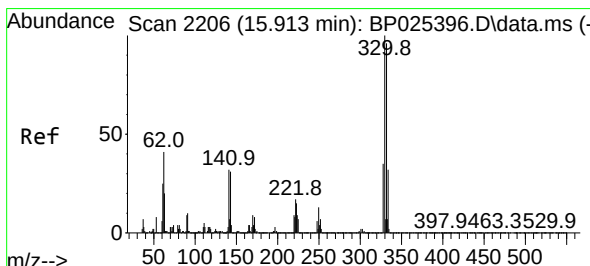
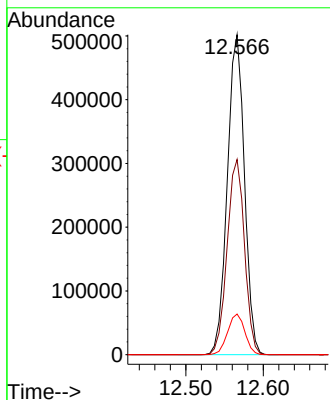
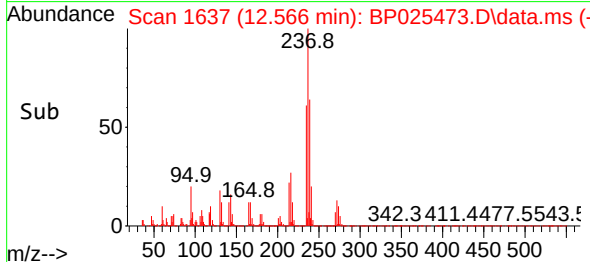
Instrument :
BNA_P
ClientSampleId :
PB169244BSD



Tgt Ion:237 Resp: 771660
Ion Ratio Lower Upper
237 100
235 61.0 42.7 82.7
272 12.7 0.0 34.0

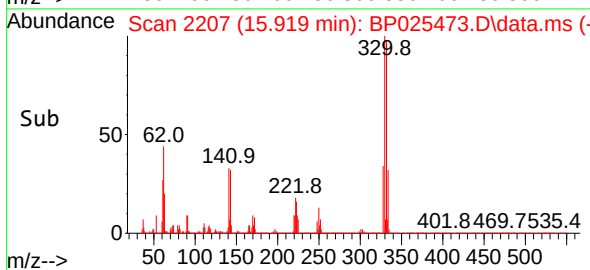
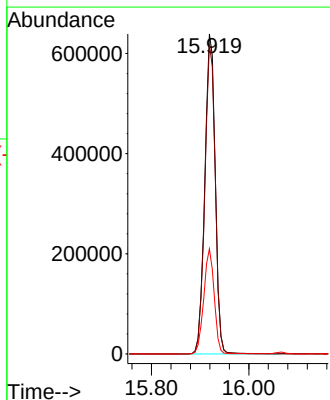
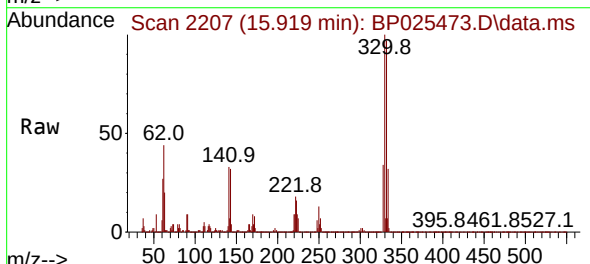
Manual Integrations
APPROVED

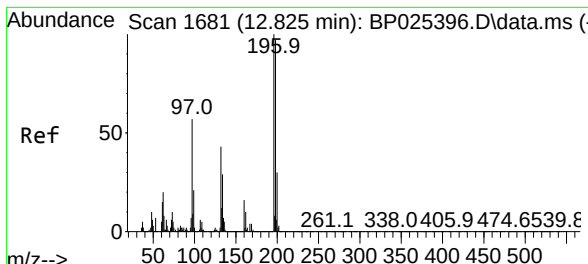
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#42
2,4,6-Tribromophenol
Concen: 144.154 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:330 Resp: 948405
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 32.9 26.6 39.8



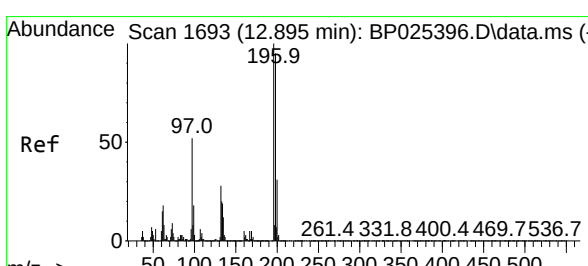
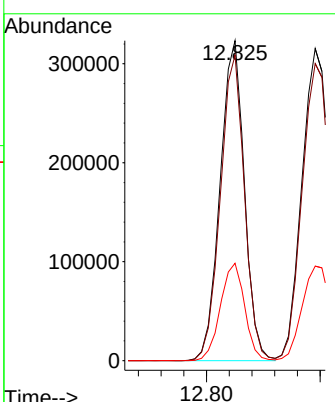
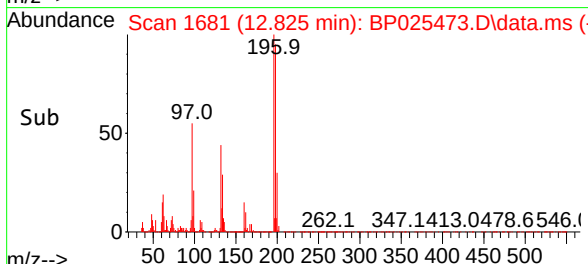
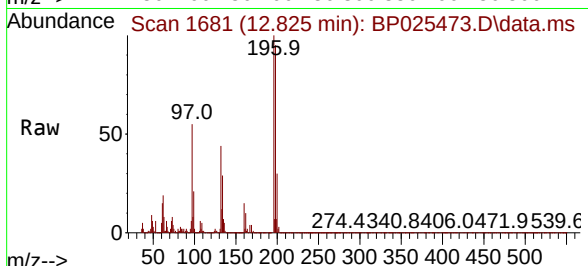


#43
 2,4,6-Trichlorophenol
 Concen: 50.315 ng
 RT: 12.825 min Scan# 1681
 Delta R.T. 0.000 min
 Lab File: BP025473.D
 Acq: 19 Aug 2025 12:47

Instrument : BNA_P
 ClientSampleId : PB169244BSD

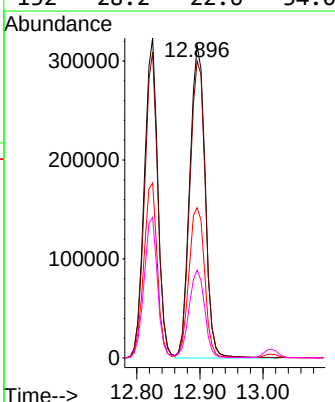
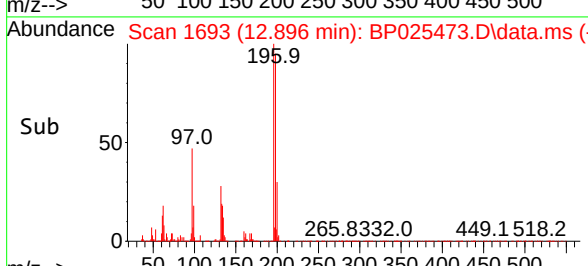
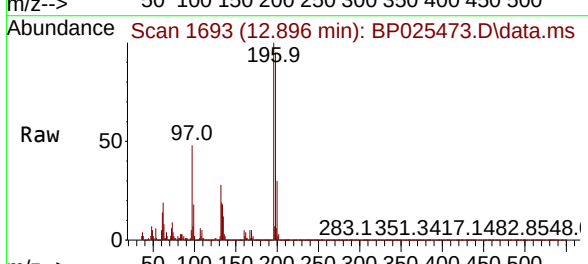
Tgt Ion:	196	Resp:	479514
Ion Ratio	Lower	Upper	
196	100		
198	95.5	77.2	115.8
200	30.4	23.9	35.9

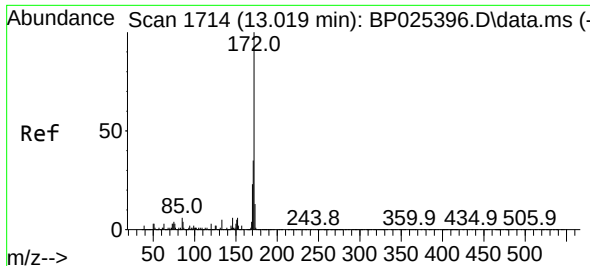
Manual Integrations
APPROVED
 Reviewed By :Rahul Chavli 08/20/2025
 Supervised By :Jagrut Upadhyay 08/20/2025



#44
 2,4,5-Trichlorophenol
 Concen: 51.353 ng
 RT: 12.896 min Scan# 1693
 Delta R.T. 0.000 min
 Lab File: BP025473.D
 Acq: 19 Aug 2025 12:47

Tgt Ion:	196	Resp:	536382
Ion Ratio	Lower	Upper	
196	100		
198	95.2	76.2	114.2
97	48.1	41.2	61.8
132	28.2	22.6	34.0





#45
2-Fluorobiphenyl
Concen: 79.179 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

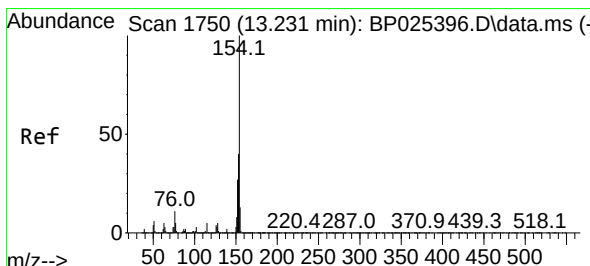
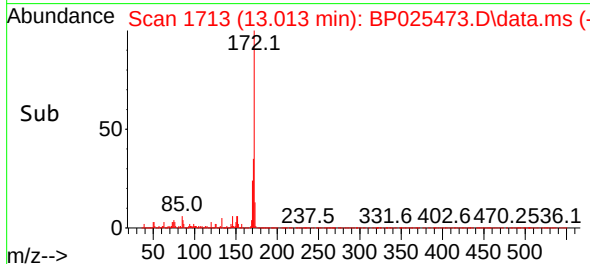
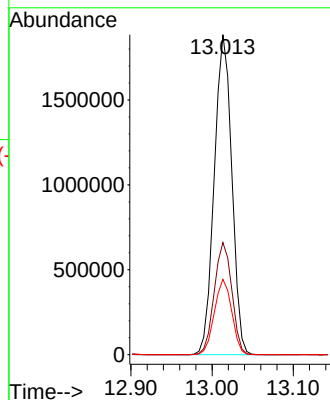
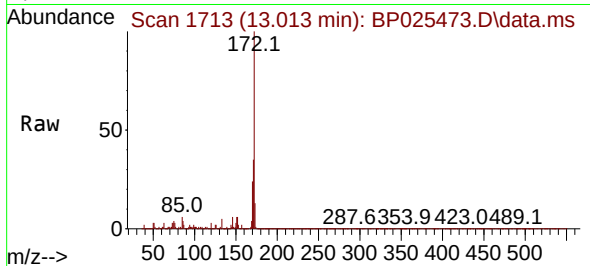
Tgt Ion:172 Resp: 2831780
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.5 18.6 28.0

Manual Integrations

APPROVED

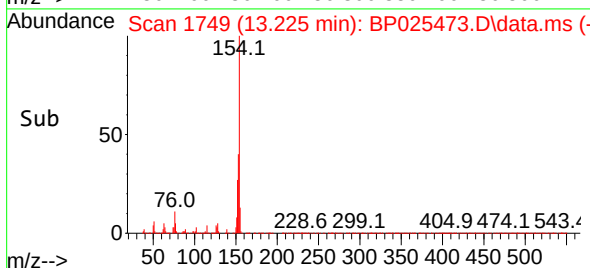
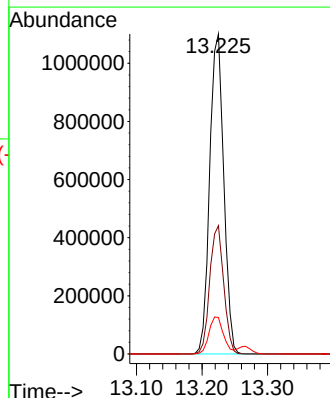
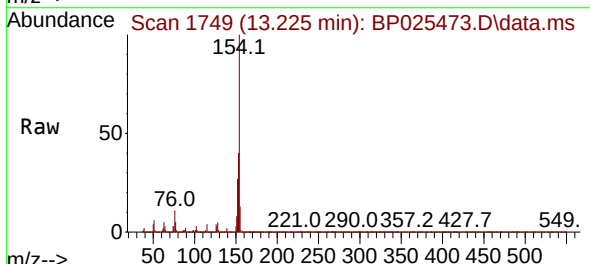
Reviewed By :Rahul Chavli 08/20/2025

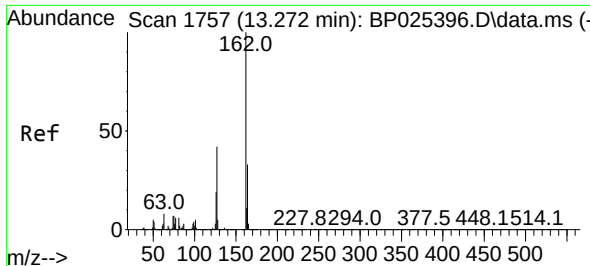
Supervised By :Jagrut Upadhyay 08/20/2025



#46
1,1'-Biphenyl
Concen: 46.160 ng
RT: 13.225 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:154 Resp: 1638603
Ion Ratio Lower Upper
154 100
153 40.1 19.5 59.5
76 11.4 0.0 31.1





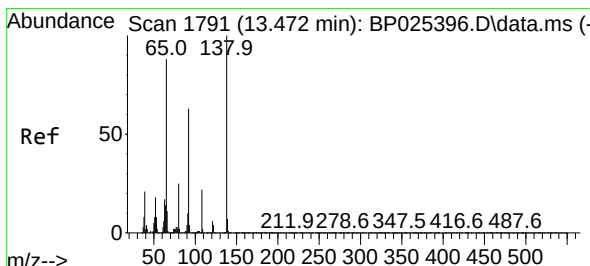
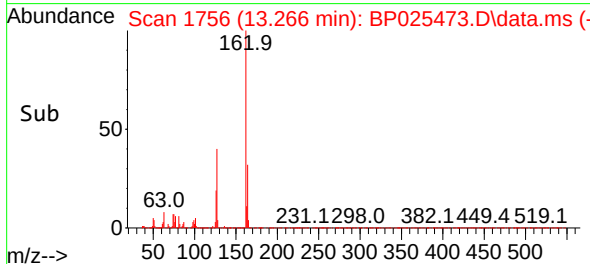
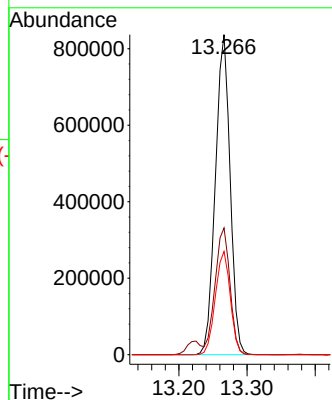
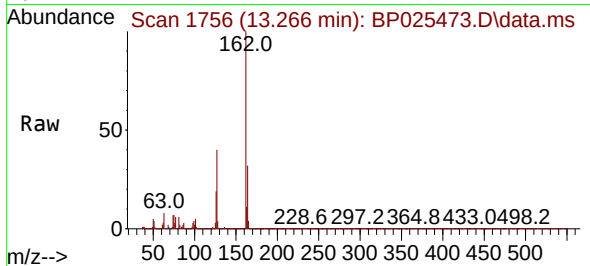
#47
2-Chloronaphthalene
Concen: 45.586 ng
RT: 13.266 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Instrument :
BNA_P
ClientSampleId :
PB169244BSD

Tgt Ion:162 Resp: 125978
Ion Ratio Lower Upper
162 100
127 39.6 33.4 50.2
164 32.2 26.2 39.2

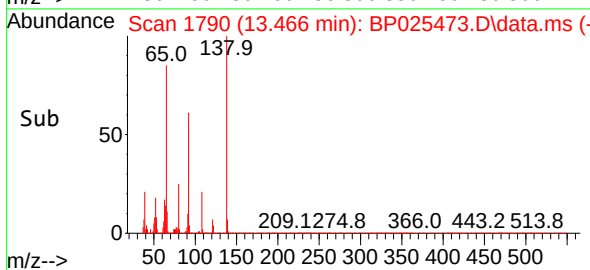
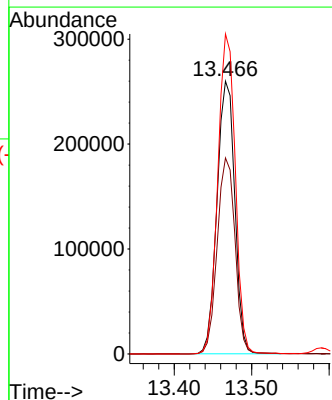
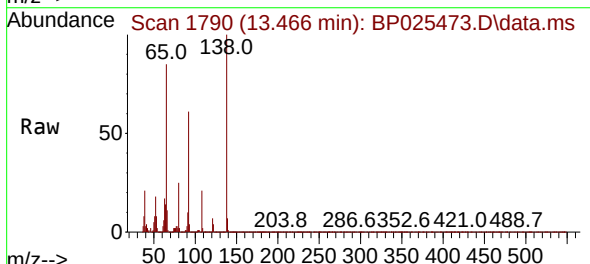
Manual Integrations
APPROVED

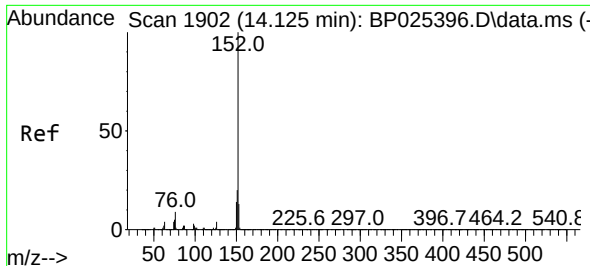
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#48
2-Nitroaniline
Concen: 51.546 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

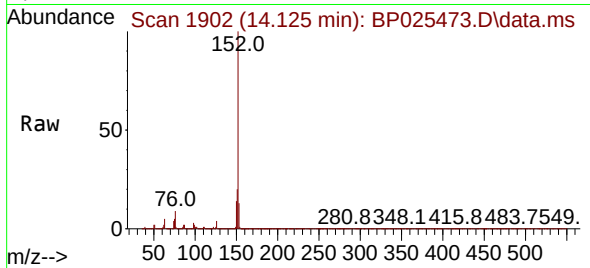
Tgt Ion: 65 Resp: 415059
Ion Ratio Lower Upper
65 100
92 71.9 57.6 86.4
138 117.3 91.0 136.6





#49
Acenaphthylene
Concen: 47.615 ng
RT: 14.125 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

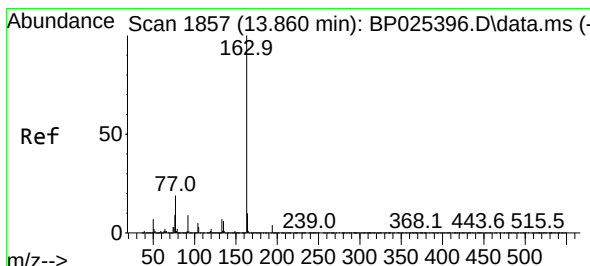
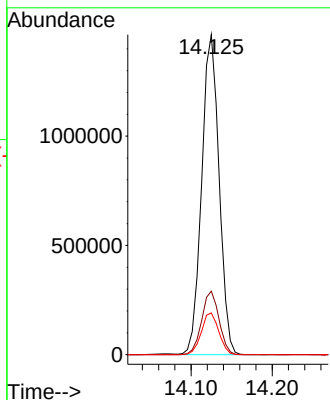
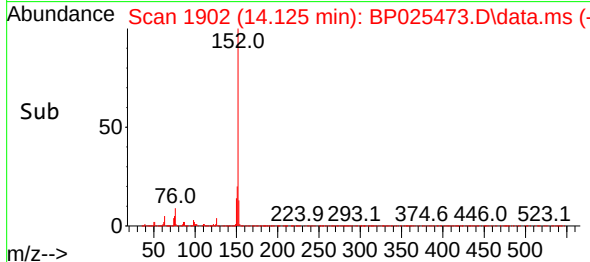
Instrument :
BNA_P
ClientSampleId :
PB169244BSD



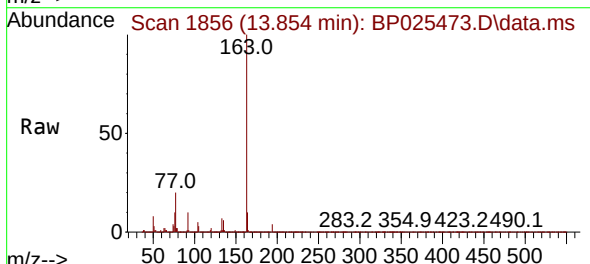
Tgt Ion:152 Resp: 217736
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.0 10.6 15.8

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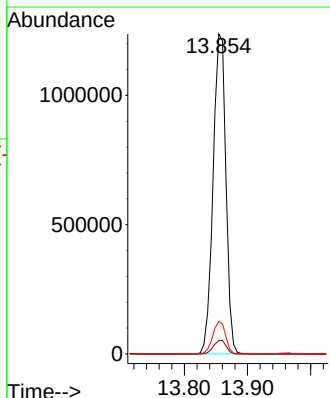
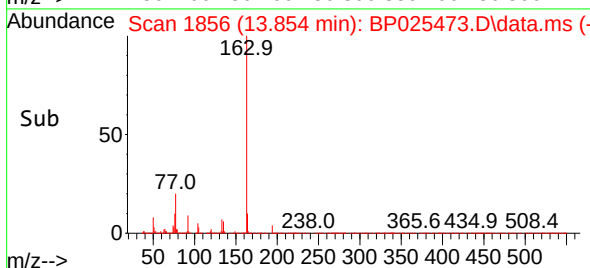
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

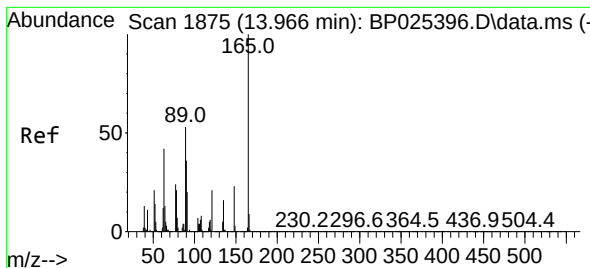


#50
Dimethylphthalate
Concen: 48.585 ng
RT: 13.854 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47



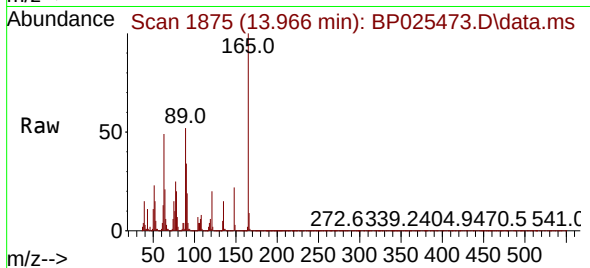
Tgt Ion:163 Resp: 1738994
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 52.404 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

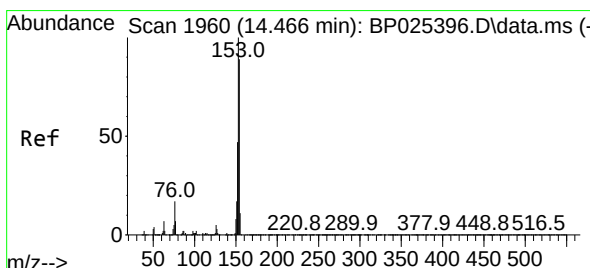
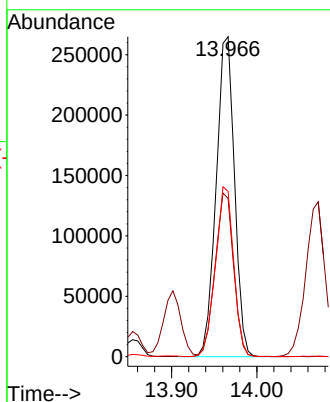
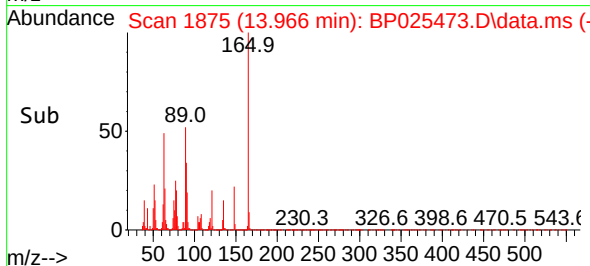
Instrument :
BNA_P
ClientSampleId :
PB169244BSD



Tgt Ion:165 Resp: 39534
Ion Ratio Lower Upper
165 100
63 49.4 40.9 61.3
89 51.6 42.1 63.1

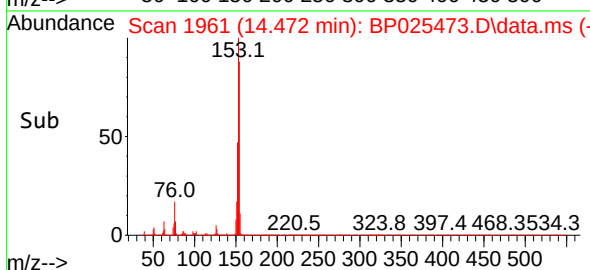
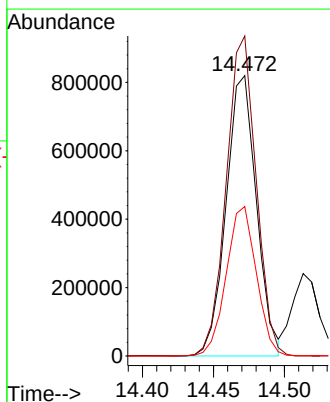
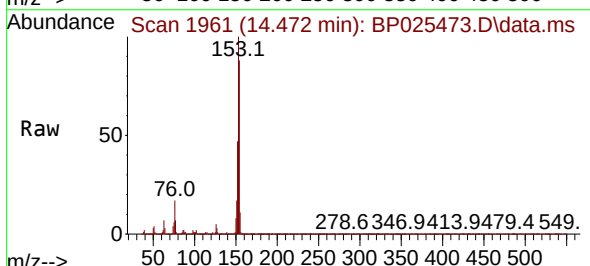
Manual Integrations
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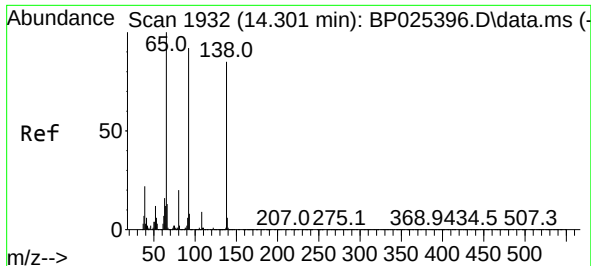
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#52
Acenaphthene
Concen: 45.457 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

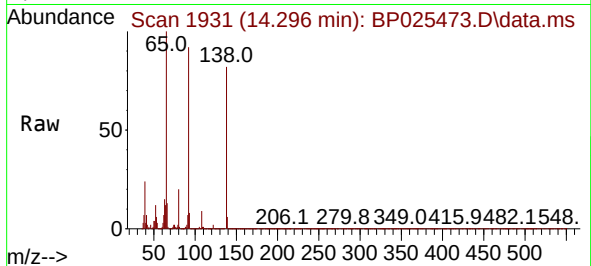
Tgt Ion:154 Resp: 1220137
Ion Ratio Lower Upper
154 100
153 114.1 90.2 135.2
152 53.3 42.1 63.1





#53
3-Nitroaniline
Concen: 35.392 ng
RT: 14.296 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

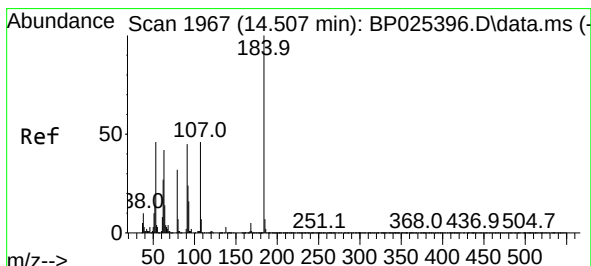
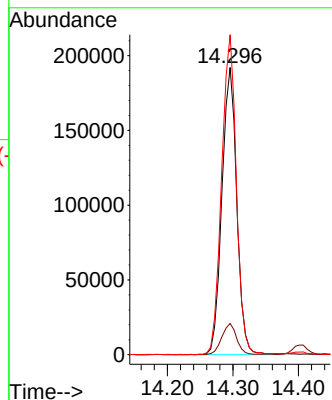
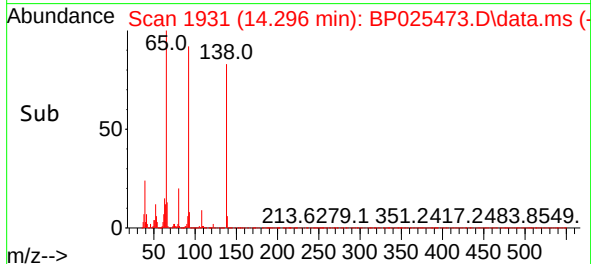
Instrument :
BNA_P
ClientSampleId :
PB169244BSD



Tgt Ion:138 Resp: 300409
Ion Ratio Lower Upper
138 100
108 10.9 8.3 12.5
92 111.4 86.2 129.2

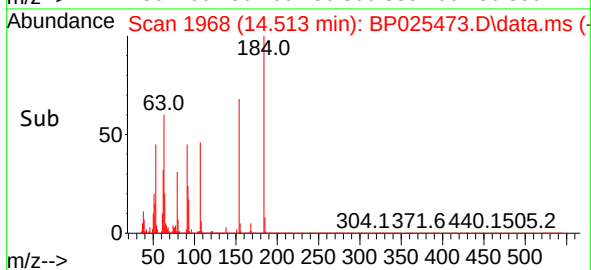
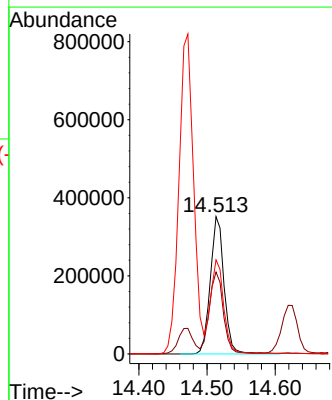
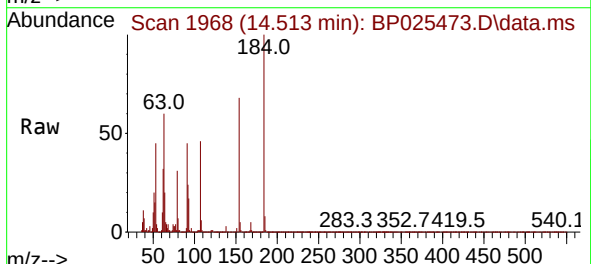
Manual Integrations
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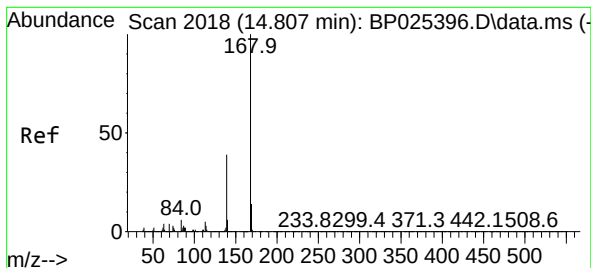
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#54
2,4-Dinitrophenol
Concen: 123.038 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:184 Resp: 495694
Ion Ratio Lower Upper
184 100
63 59.7 49.4 74.2
154 68.5 54.6 82.0





#55

Dibenzenofuran

Concen: 47.295 ng

RT: 14.813 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

Tgt Ion:168 Resp: 200704

Ion Ratio Lower Upper

168 100

139 39.3 31.5 47.3

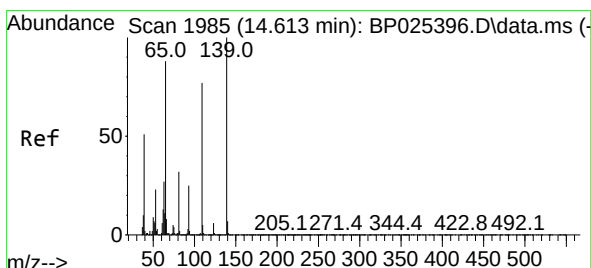
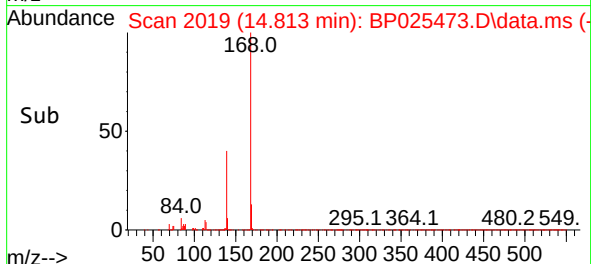
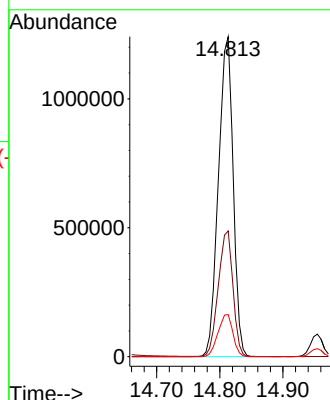
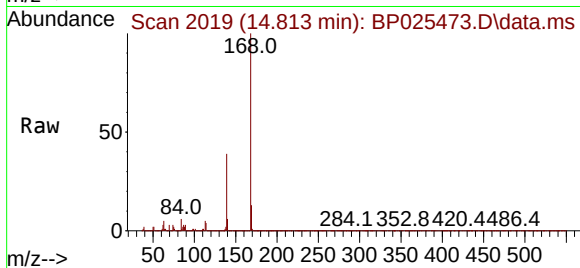
169 13.2 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#56

4-Nitrophenol

Concen: 107.051 ng

RT: 14.625 min Scan# 1987

Delta R.T. 0.012 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

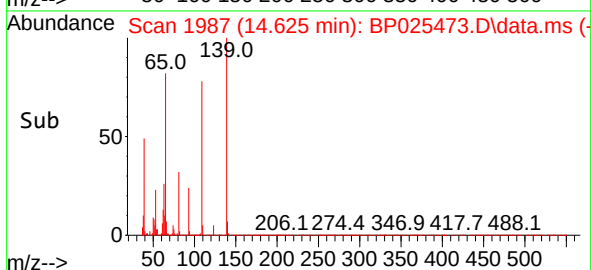
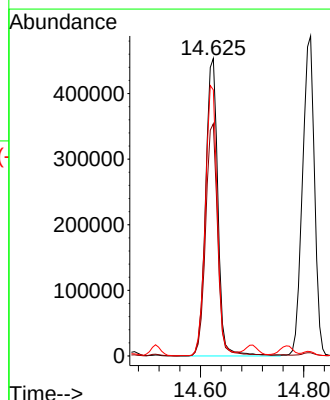
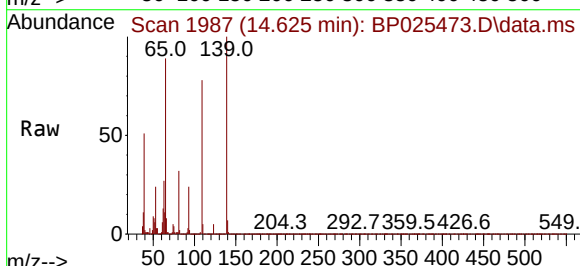
Tgt Ion:139 Resp: 746663

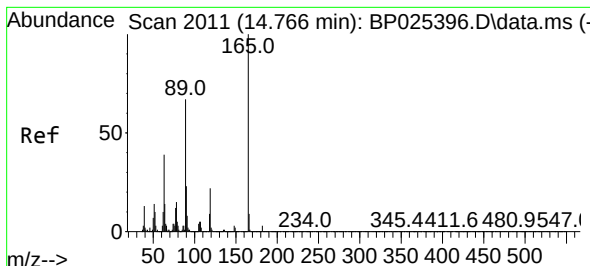
Ion Ratio Lower Upper

139 100

109 78.0 56.6 96.6

65 89.5 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 54.187 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

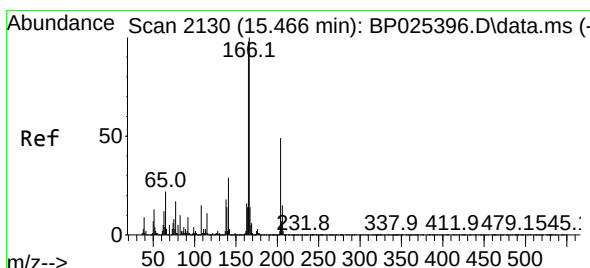
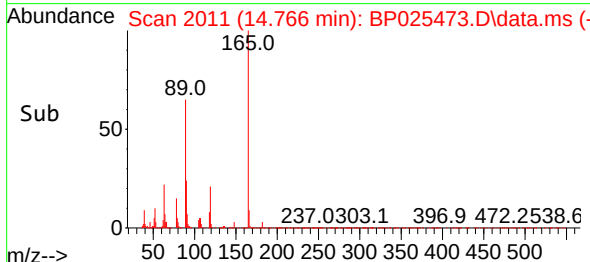
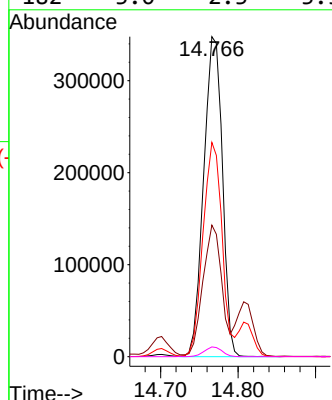
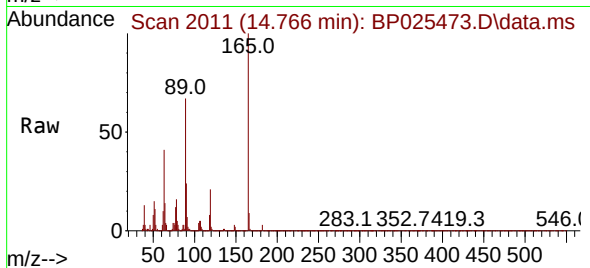
PB169244BSD

Tgt Ion:165 Resp: 583240
Ion Ratio Lower Upper
165 100
63 41.1 31.4 47.2
89 67.0 53.3 79.9
182 3.0 2.3 3.5

Manual Integrations

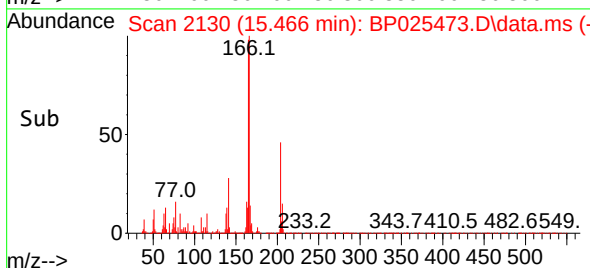
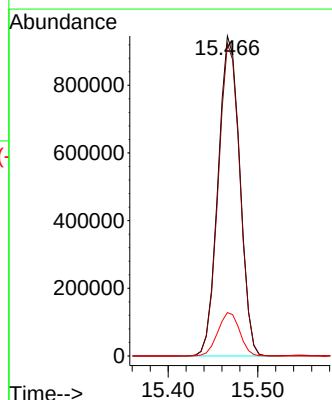
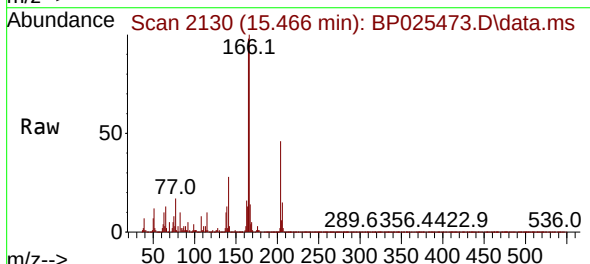
APPROVED

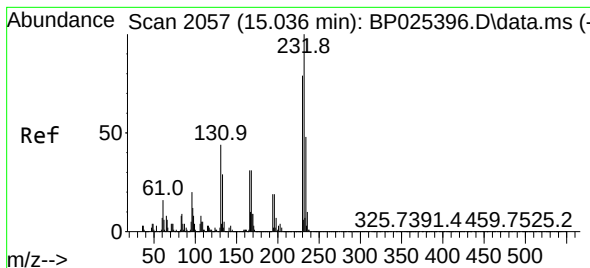
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#58
Fluorene
Concen: 47.465 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

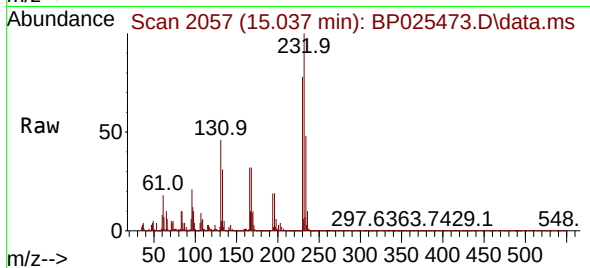
Tgt Ion:166 Resp: 1589403
Ion Ratio Lower Upper
166 100
165 97.7 78.8 118.2
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.220 ng
RT: 15.037 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

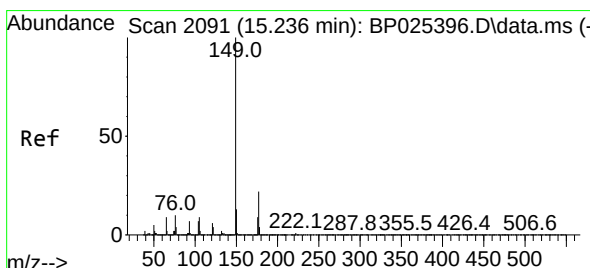
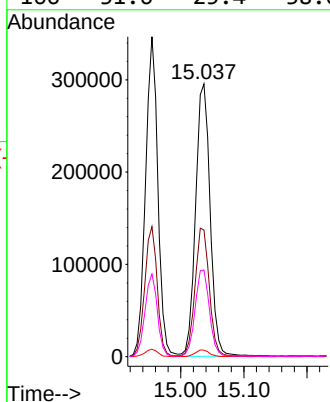
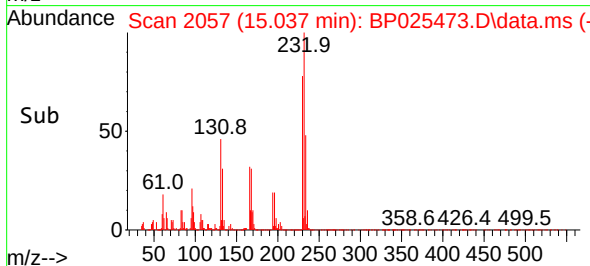
Instrument :
BNA_P
ClientSampleId :
PB169244BSD



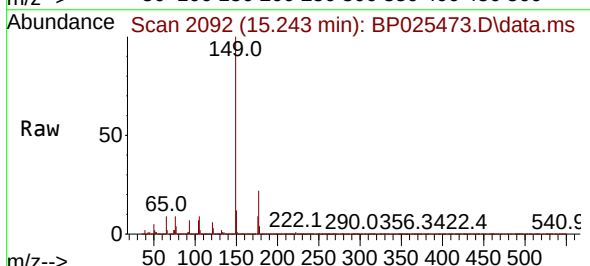
Tgt Ion:232 Resp: 472380
Ion Ratio Lower Upper
232 100
131 46.3 37.0 55.6
130 2.4 1.9 2.9
166 31.6 25.4 38.0

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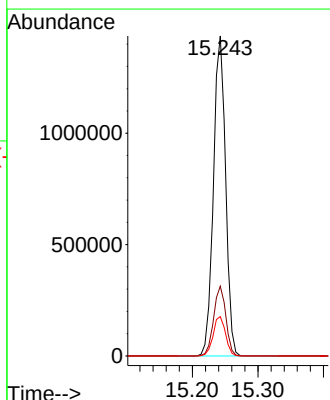
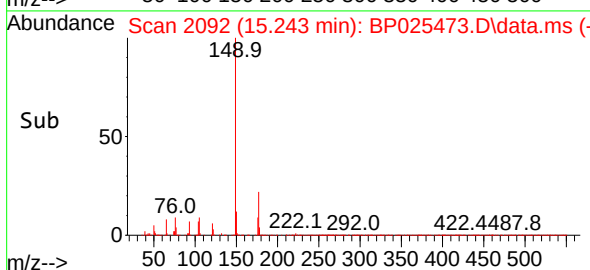
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

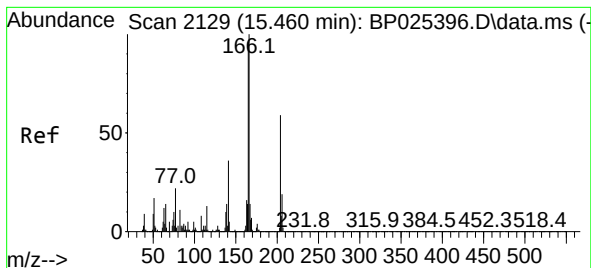


#60
Diethylphthalate
Concen: 50.715 ng
RT: 15.243 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47



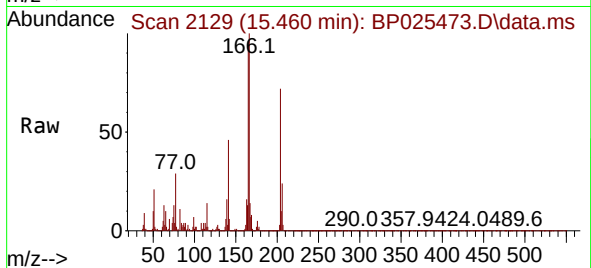
Tgt Ion:149 Resp: 1844493
Ion Ratio Lower Upper
149 100
177 21.8 17.3 25.9
150 12.3 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 47.436 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

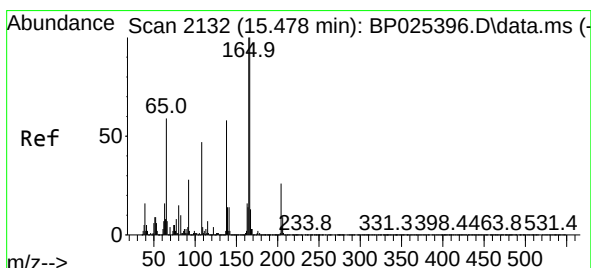
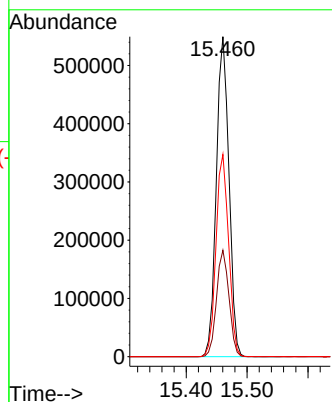
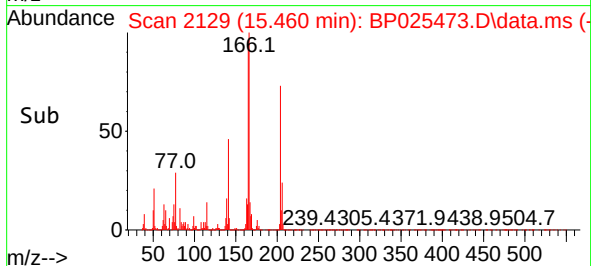
Instrument :
BNA_P
ClientSampleId :
PB169244BSD



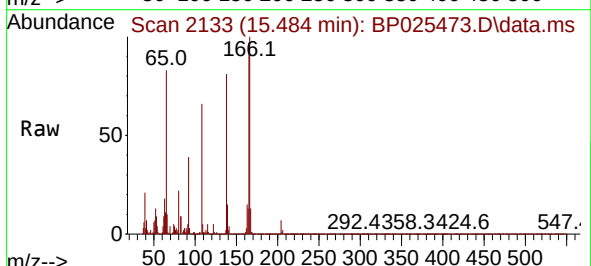
Tgt Ion:204 Resp: 78998
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.8
141 63.2 49.4 74.2

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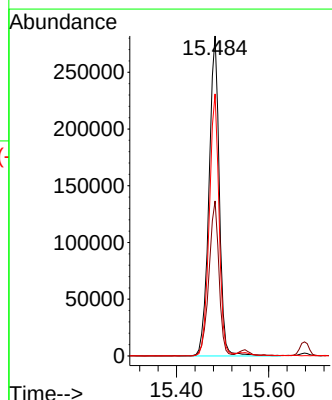
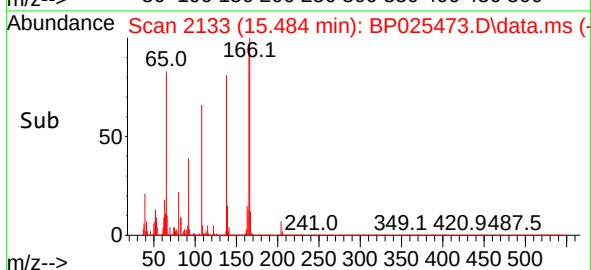
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

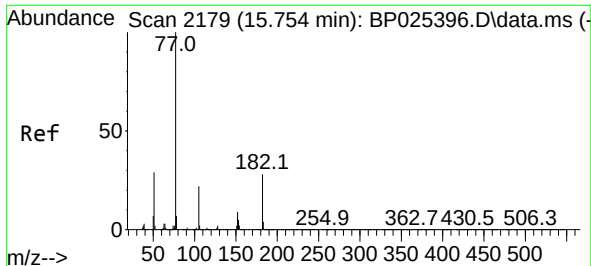


#62
4-Nitroaniline
Concen: 50.825 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47



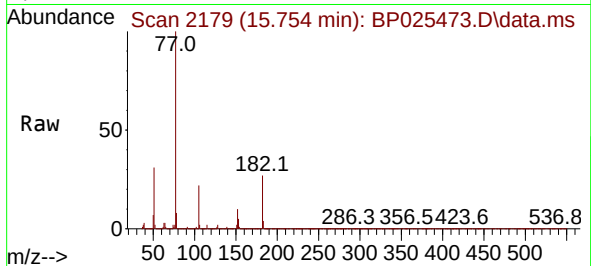
Tgt Ion:138 Resp: 442261
Ion Ratio Lower Upper
138 100
92 48.4 29.1 69.1
108 81.9 61.5 101.5





#63
Azobenzene
Concen: 51.181 ng
RT: 15.754 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

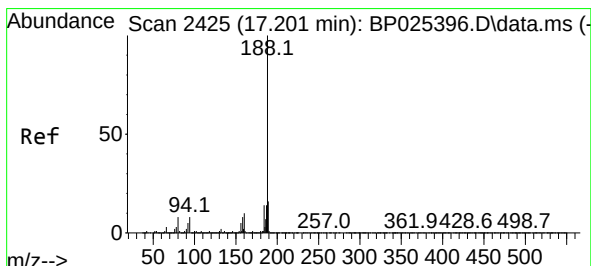
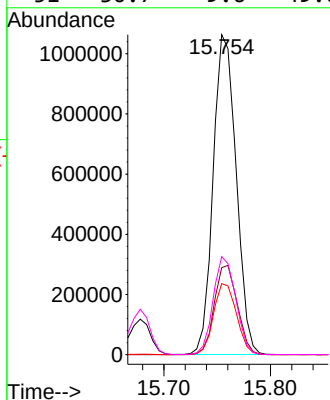
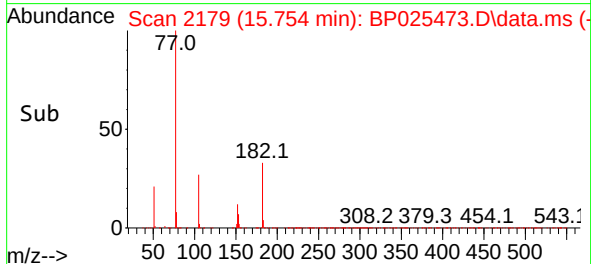
Instrument :
BNA_P
ClientSampleId :
PB169244BSD



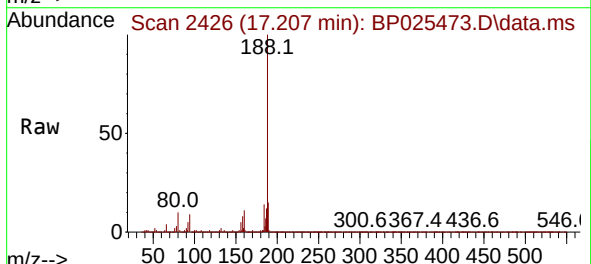
Tgt Ion: 77 Resp: 159388
Ion Ratio Lower Upper
77 100
182 27.2 7.5 47.5
105 22.2 2.1 42.1
51 30.7 9.6 49.6

Manual Integrations
APPROVED

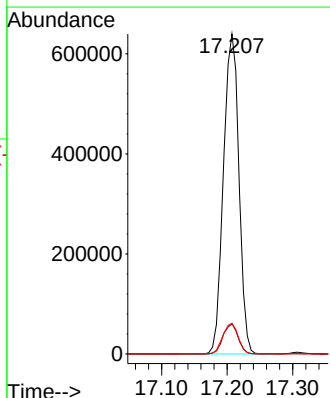
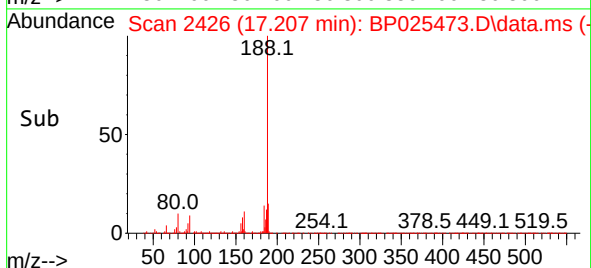
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

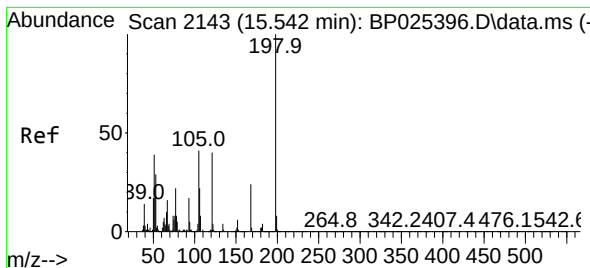


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47



Tgt Ion:188 Resp: 1043571
Ion Ratio Lower Upper
188 100
94 9.4 6.6 10.0
80 9.6 6.7 10.1





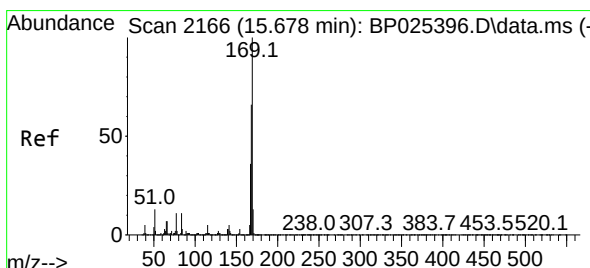
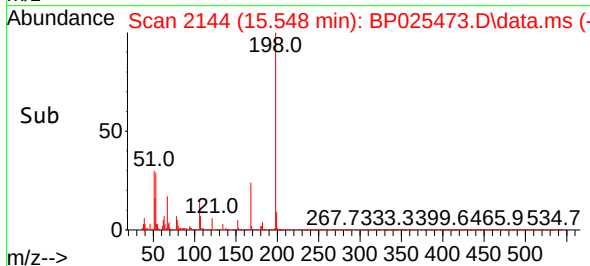
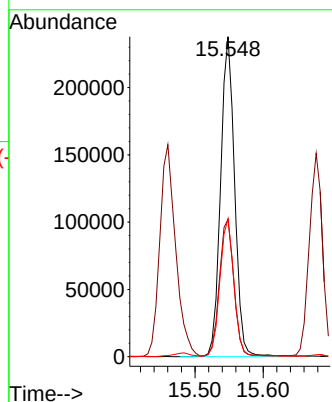
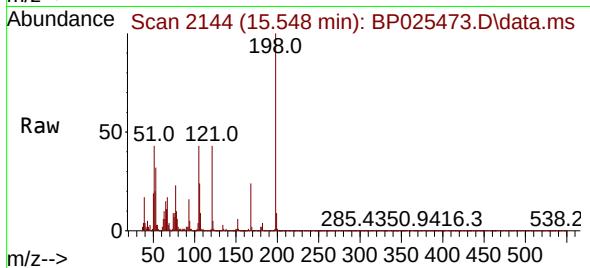
#65
4,6-Dinitro-2-methylphenol
Concen: 52.303 ng
RT: 15.548 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Instrument :
BNA_P
ClientSampleId :
PB169244BSD

Tgt Ion:198 Resp: 340230
Ion Ratio Lower Upper
198 100
51 42.9 19.6 59.6
105 43.1 20.9 60.9

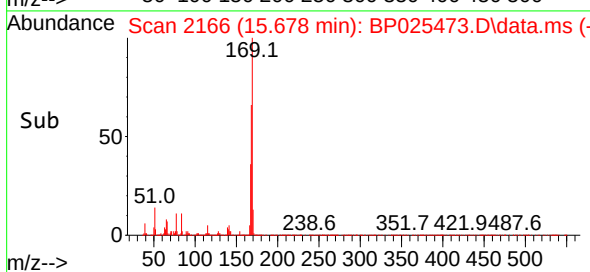
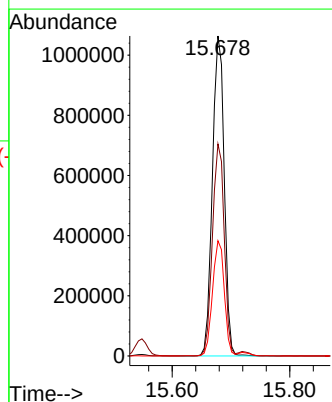
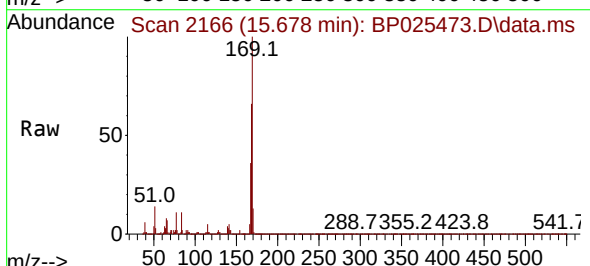
Manual Integrations
APPROVED

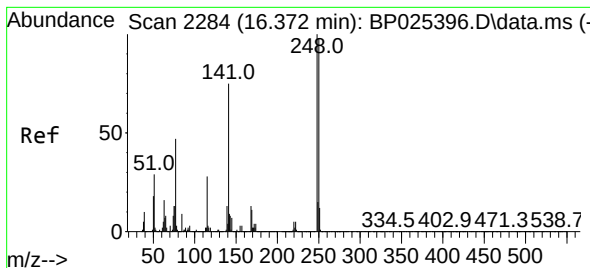
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#66
n-Nitrosodiphenylamine
Concen: 46.603 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:169 Resp: 1483025
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.0 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 46.291 ng
RT: 16.372 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

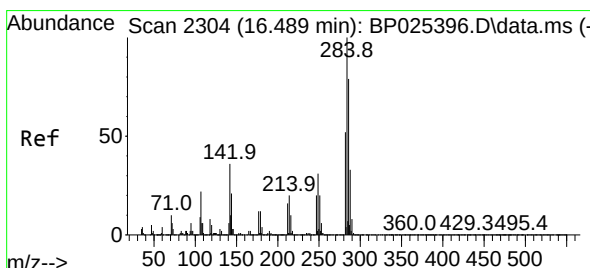
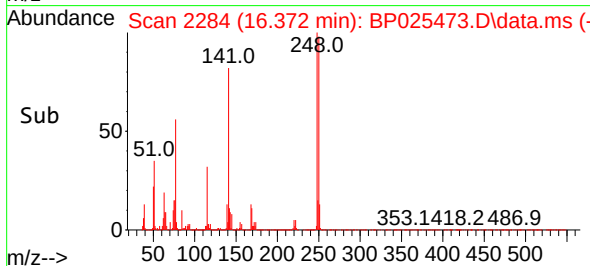
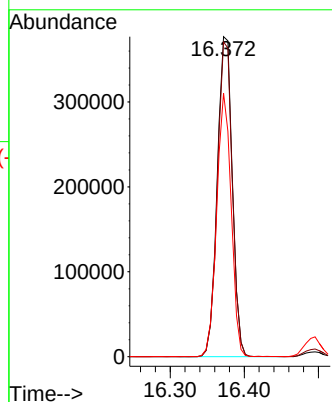
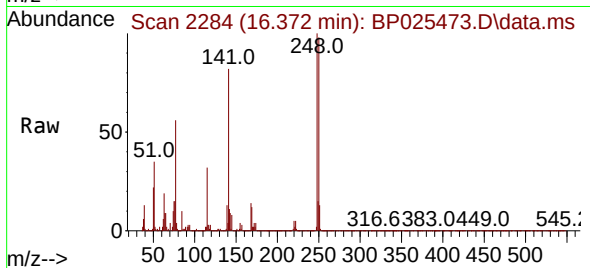
PB169244BSD

Tgt Ion:248 Resp: 531300
Ion Ratio Lower Upper
248 100
250 98.3 78.2 117.2
141 82.4 59.6 89.4

Manual Integrations

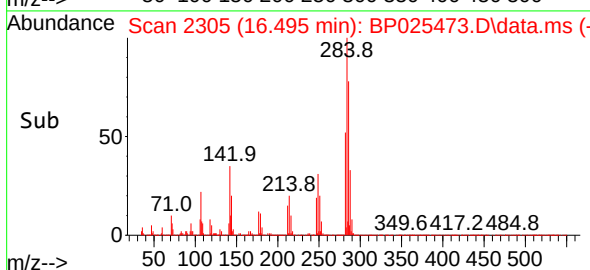
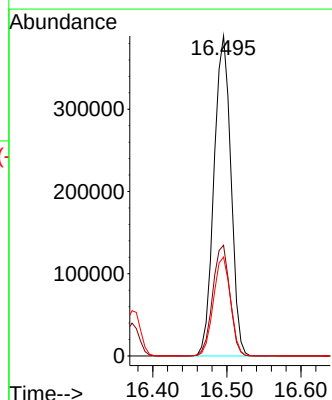
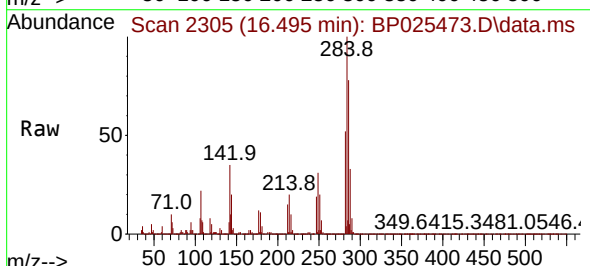
APPROVED

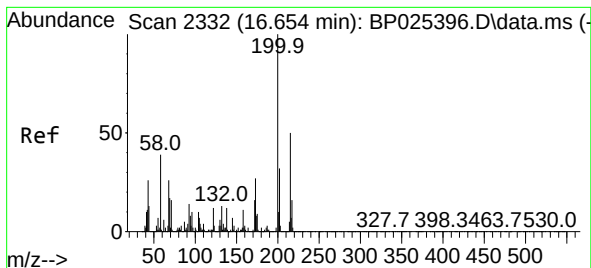
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#68
Hexachlorobenzene
Concen: 46.335 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:284 Resp: 616466
Ion Ratio Lower Upper
284 100
142 34.6 29.1 43.7
249 30.9 25.0 37.4





#69

Atrazine

Concen: 49.512 ng

RT: 16.660 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

Tgt Ion:200 Resp: 590070

Ion Ratio Lower Upper

200 100

173 26.1 6.7 46.7

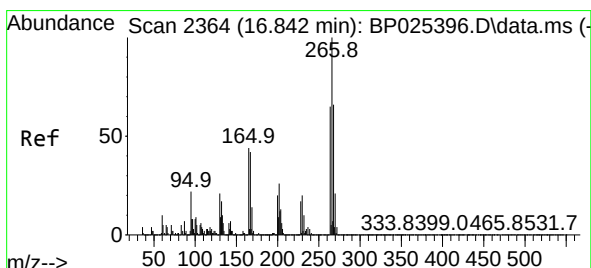
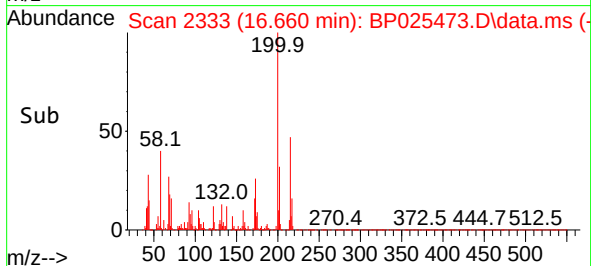
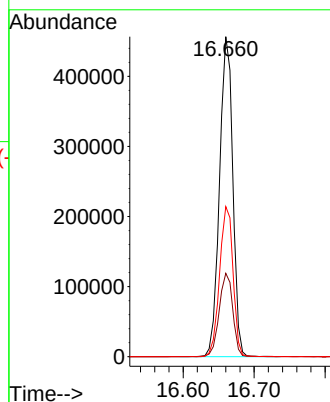
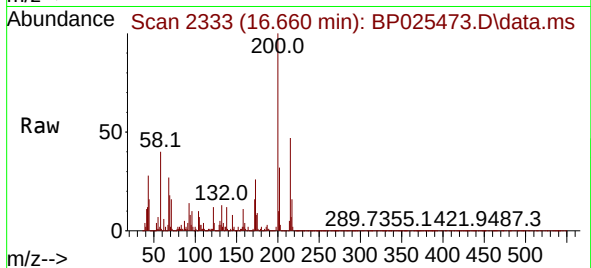
215 46.9 29.7 69.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#70

Pentachlorophenol

Concen: 100.486 ng

RT: 16.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

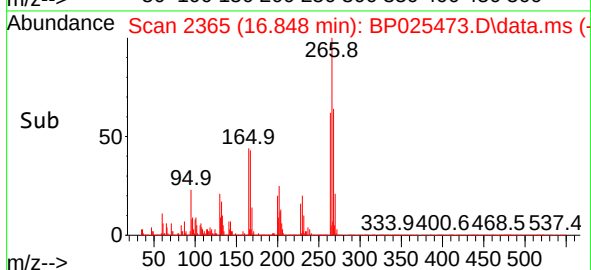
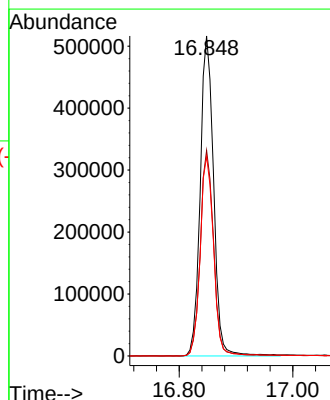
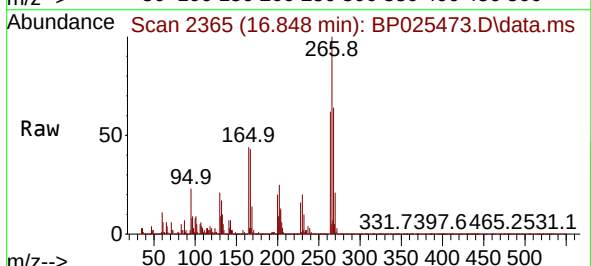
Tgt Ion:266 Resp: 843937

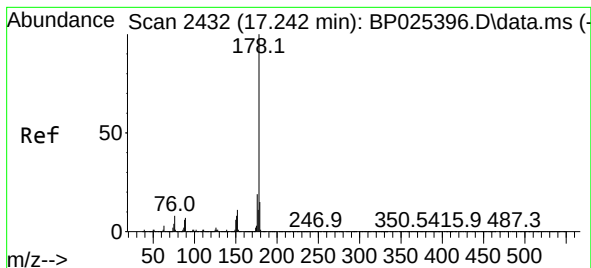
Ion Ratio Lower Upper

266 100

268 64.3 52.6 79.0

264 62.4 52.0 78.0





#71

Phenanthrene

Concen: 46.873 ng

RT: 17.254 min Scan# 2432

Delta R.T. 0.012 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

Tgt Ion:178 Resp: 268705

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

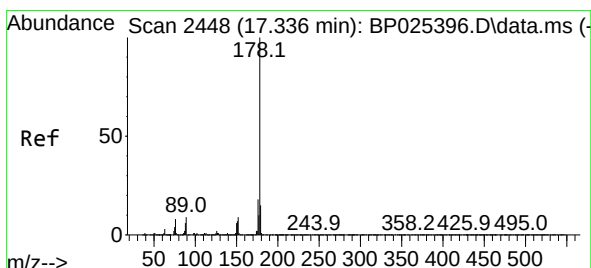
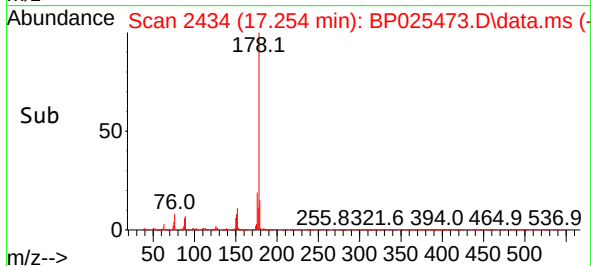
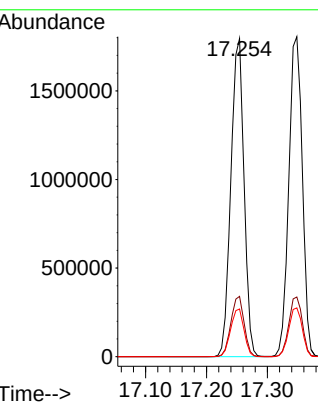
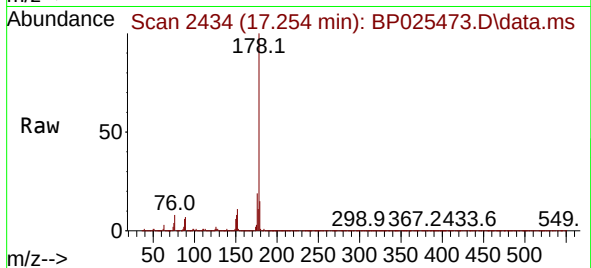
179 15.0 12.2 18.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#72

Anthracene

Concen: 47.501 ng

RT: 17.348 min Scan# 2450

Delta R.T. 0.012 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

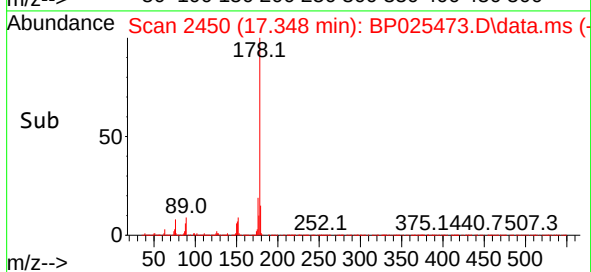
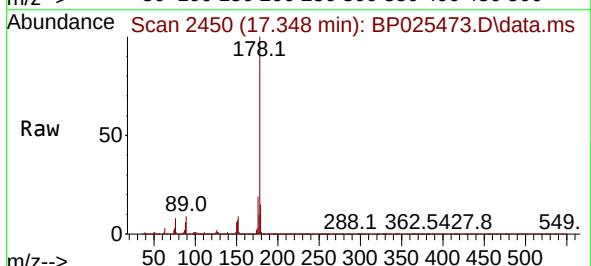
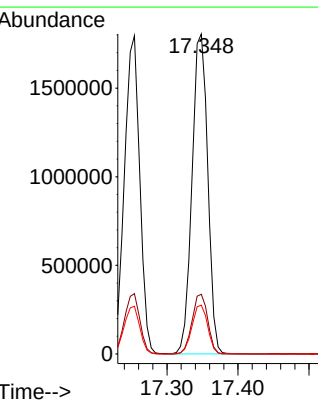
Tgt Ion:178 Resp: 2780840

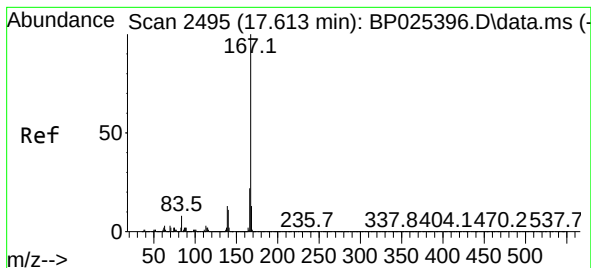
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

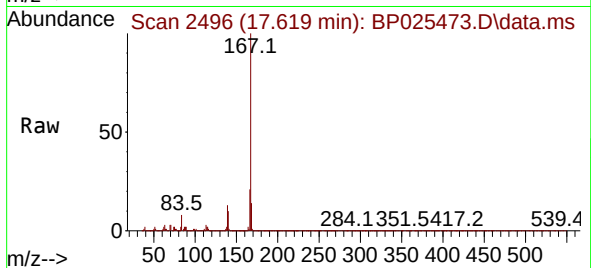
179 15.3 12.2 18.2





#73
Carbazole
Concen: 47.978 ng
RT: 17.619 min Scan# 2495
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

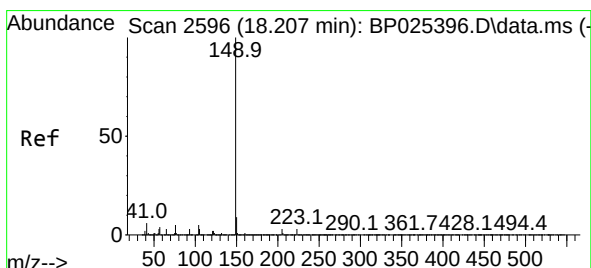
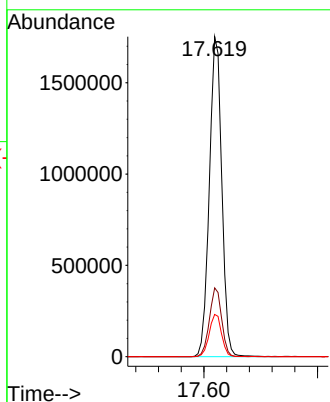
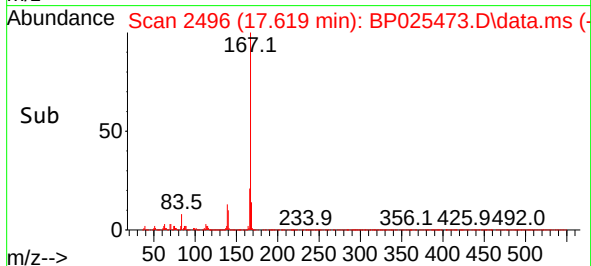
Instrument :
BNA_P
ClientSampleId :
PB169244BSD



Tgt Ion:167 Resp: 2645589
Ion Ratio Lower Upper
167 100
166 21.5 17.5 26.3
139 13.2 10.6 16.0

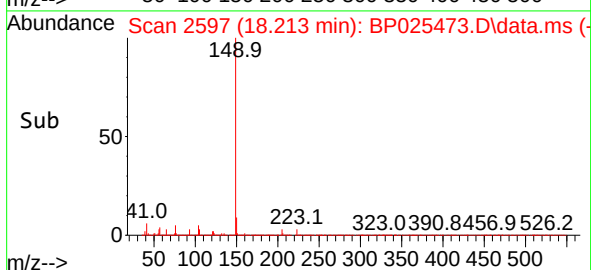
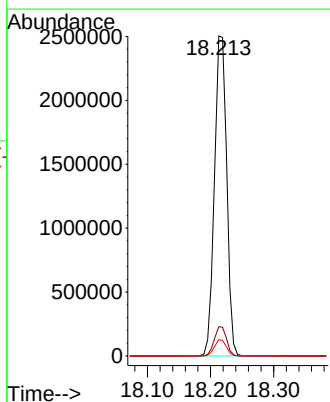
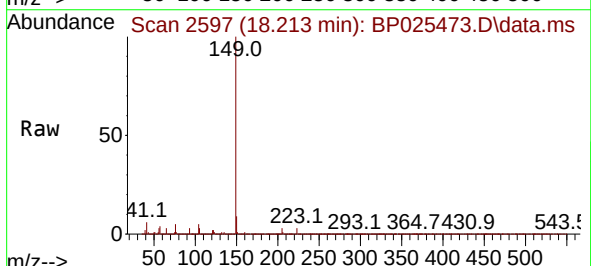
Manual Integrations
APPROVED

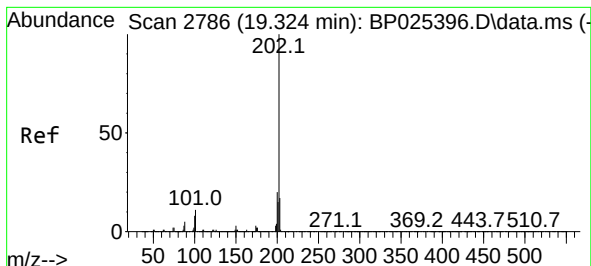
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#74
Di-n-butylphthalate
Concen: 49.751 ng
RT: 18.213 min Scan# 2597
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:149 Resp: 3375219
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 47.997 ng

RT: 19.336 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

Tgt Ion:202 Resp: 328206

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.1

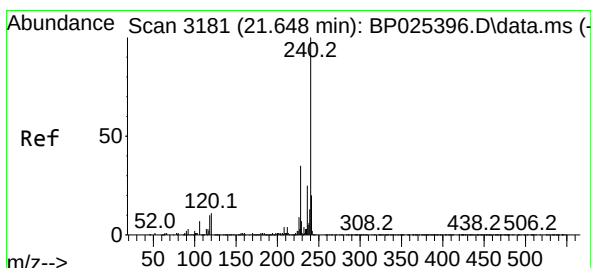
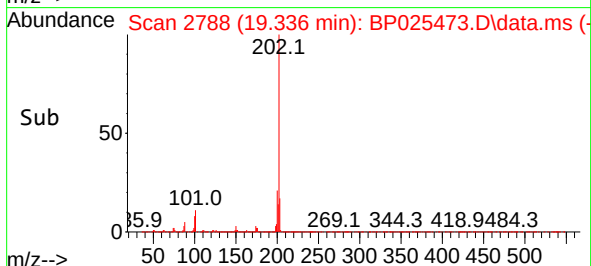
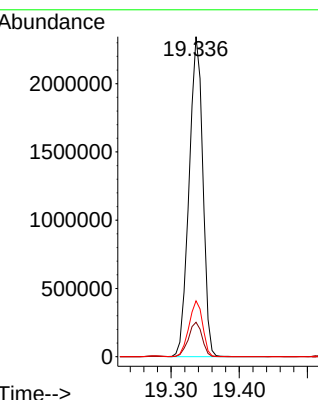
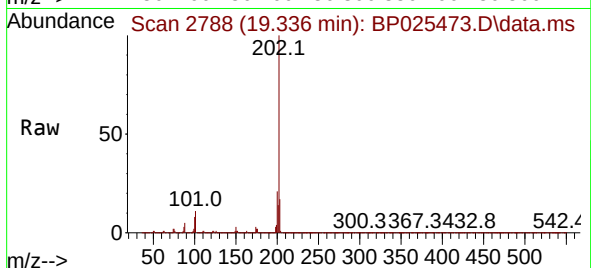
203 17.5 0.0 37.3

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.654 min Scan# 3182

Delta R.T. 0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

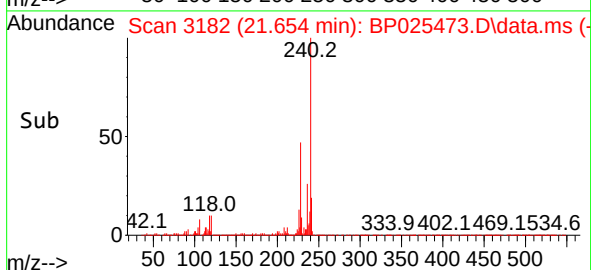
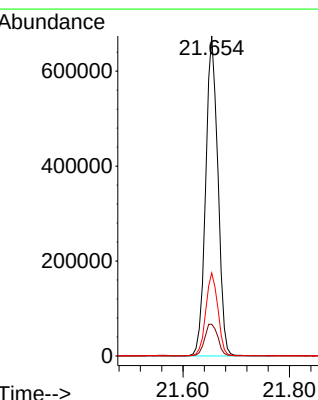
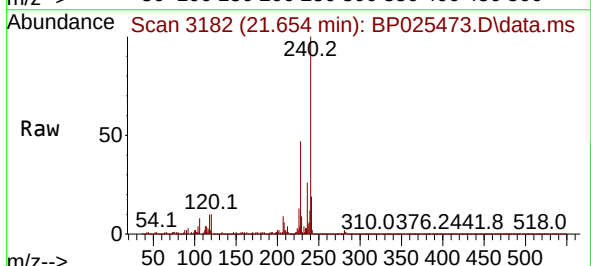
Tgt Ion:240 Resp: 1070063

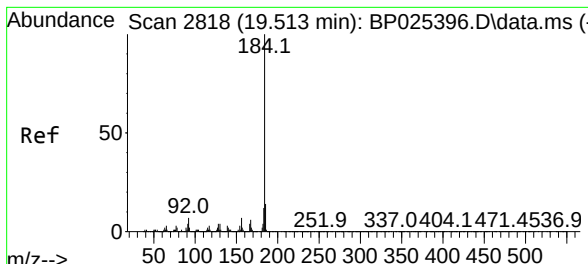
Ion Ratio Lower Upper

240 100

120 9.9 8.9 13.3

236 26.0 19.8 29.8





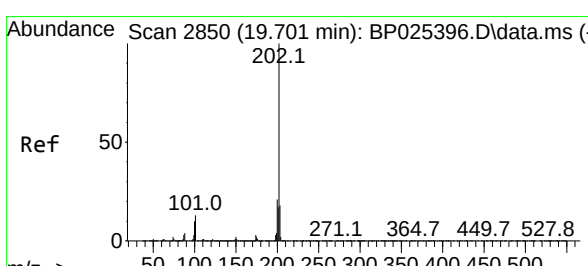
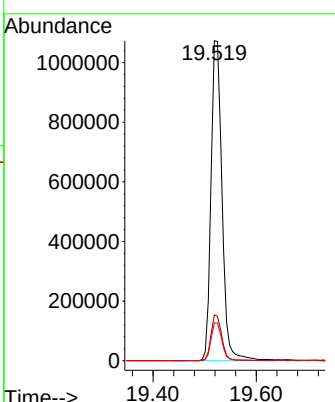
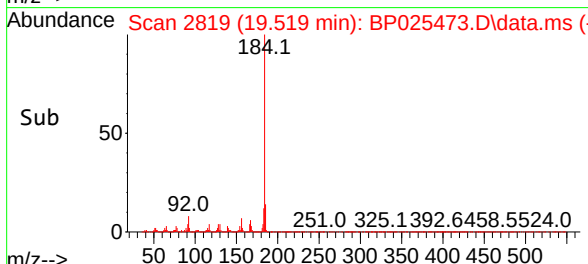
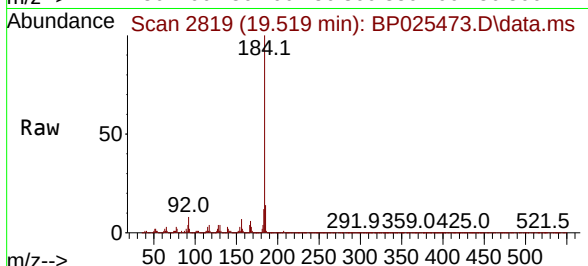
#77
Benzidine
Concen: 43.560 ng
RT: 19.519 min Scan# 2819
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Instrument : BNA_P
ClientSampleId : PB169244BSD

Tgt Ion:184 Resp: 1590772

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.5	17.3
183	11.8	9.4	14.2

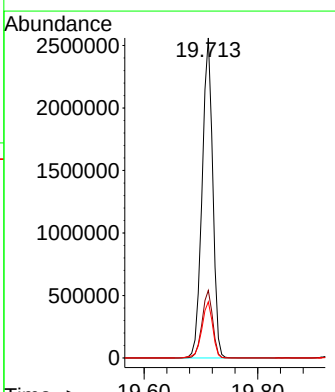
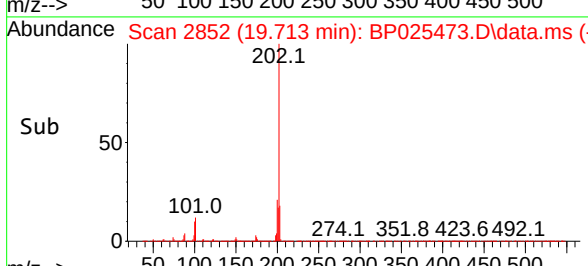
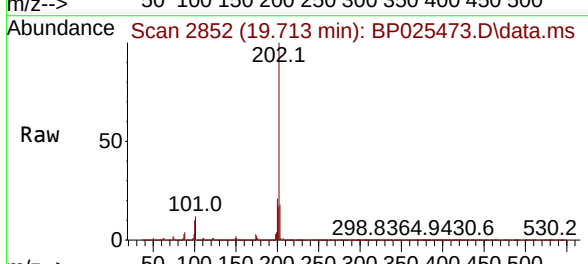
Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

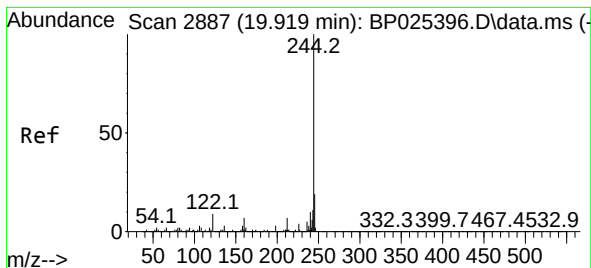


#78
Pyrene
Concen: 47.664 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:202 Resp: 3315062

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.6	14.2	21.2





#79

Terphenyl-d14

Concen: 84.162 ng

RT: 19.925 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

Tgt Ion:244 Resp: 492236

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

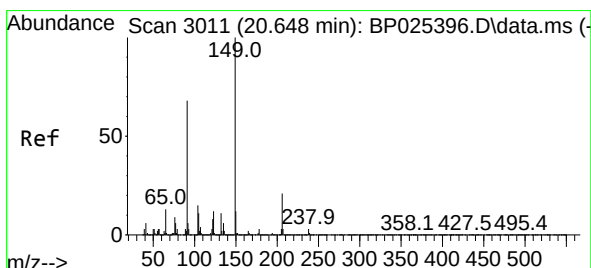
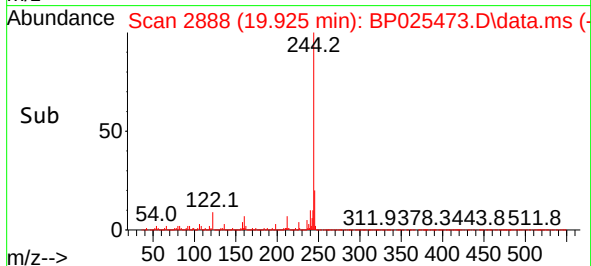
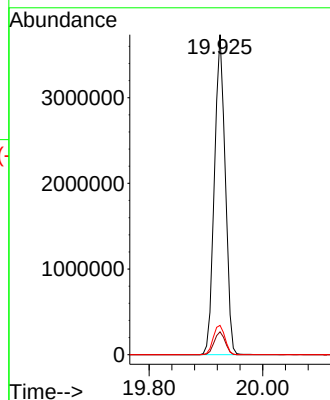
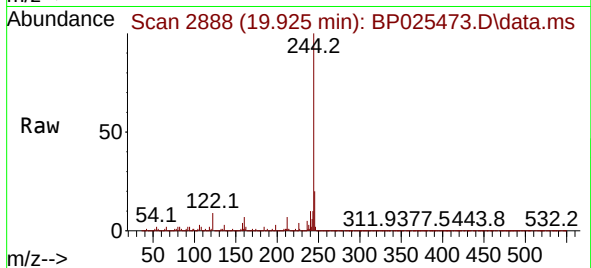
122 9.1 7.4 11.2

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#80

Butylbenzylphthalate

Concen: 51.331 ng

RT: 20.654 min Scan# 3012

Delta R.T. 0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

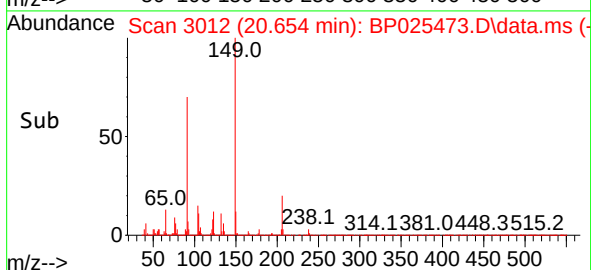
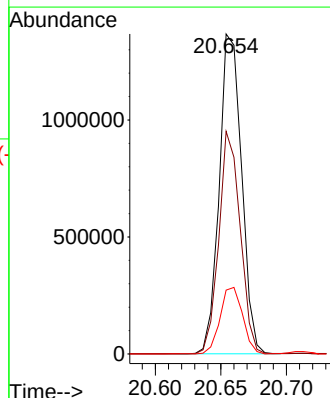
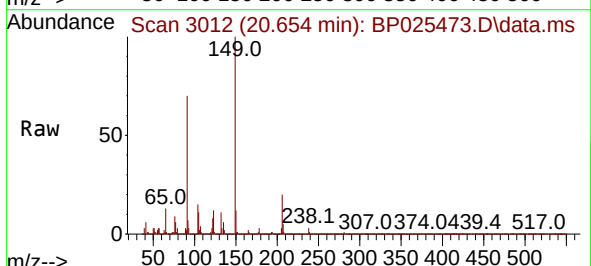
Tgt Ion:149 Resp: 1618023

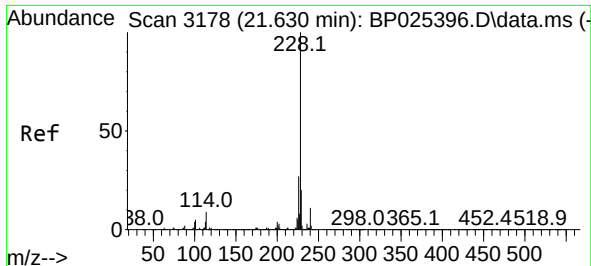
Ion Ratio Lower Upper

149 100

91 69.5 54.2 81.2

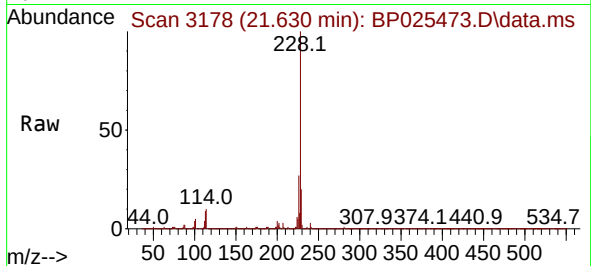
206 19.9 16.6 24.8





#81
Benzo(a)anthracene
Concen: 48.736 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

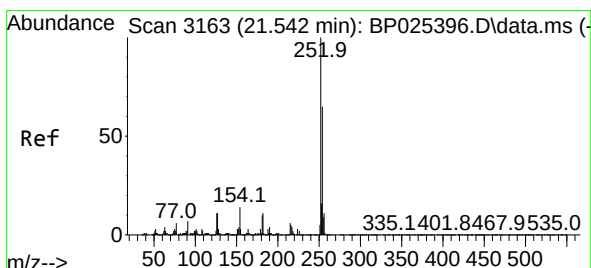
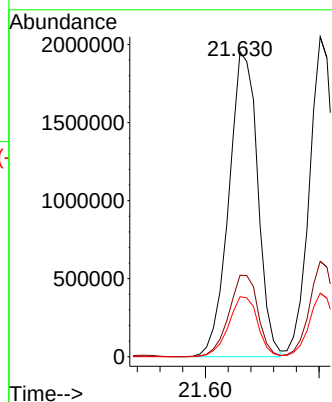
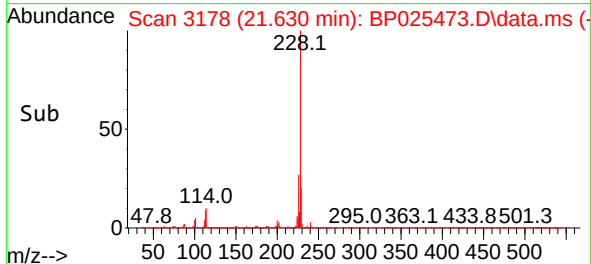
Instrument :
BNA_P
ClientSampleId :
PB169244BSD



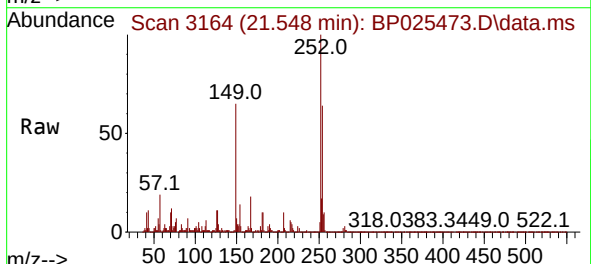
Tgt Ion:228 Resp: 3439380
Ion Ratio Lower Upper
228 100
226 26.7 21.7 32.5
229 19.7 15.6 23.4

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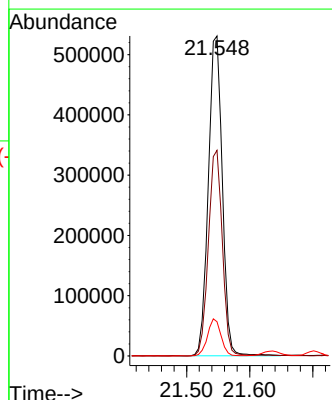
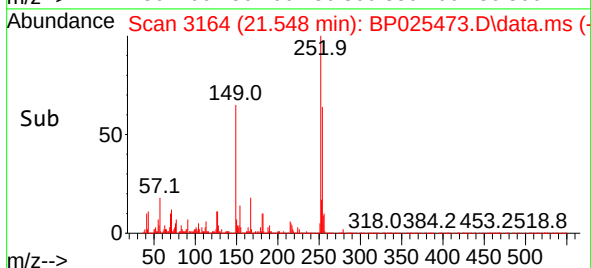
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

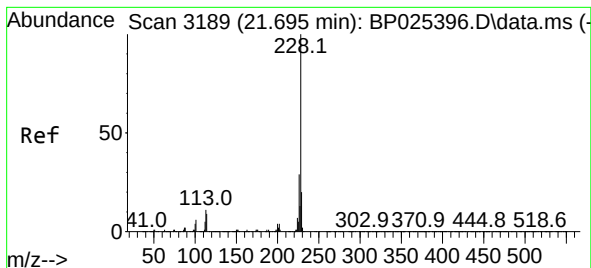


#82
3,3'-Dichlorobenzidine
Concen: 30.701 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47



Tgt Ion:252 Resp: 816647
Ion Ratio Lower Upper
252 100
254 64.3 51.8 77.6
126 10.7 9.1 13.7





#83

Chrysene

Concen: 47.324 ng

RT: 21.701 min Scan# 3189

Delta R.T. 0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

Tgt Ion:228 Resp: 3127598

Ion Ratio Lower Upper

228 100

226 29.8 23.2 34.8

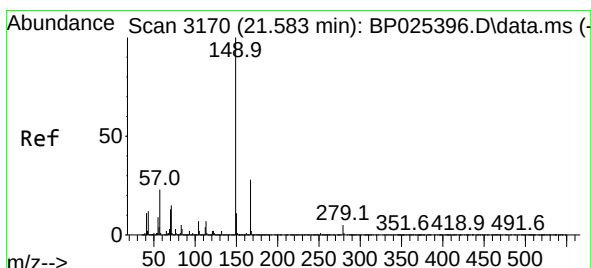
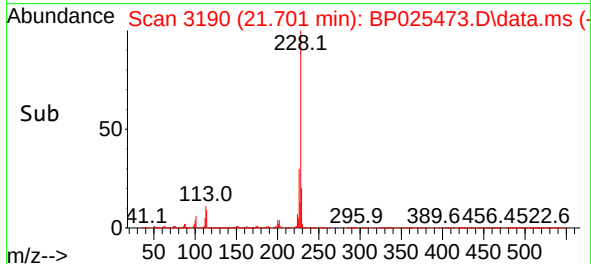
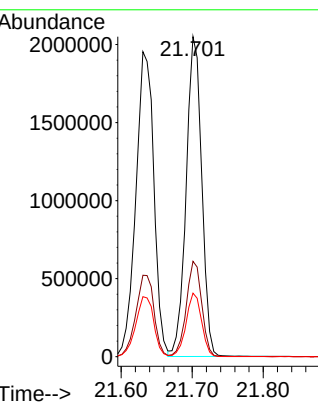
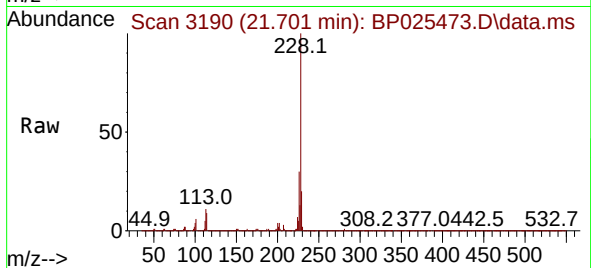
229 19.8 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.084 ng

RT: 21.566 min Scan# 3167

Delta R.T. -0.017 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

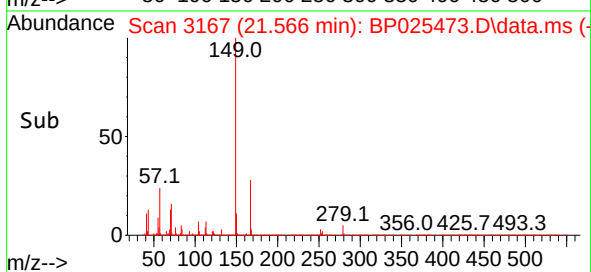
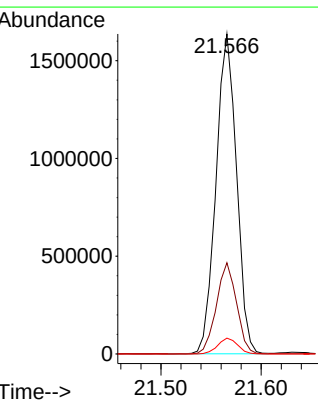
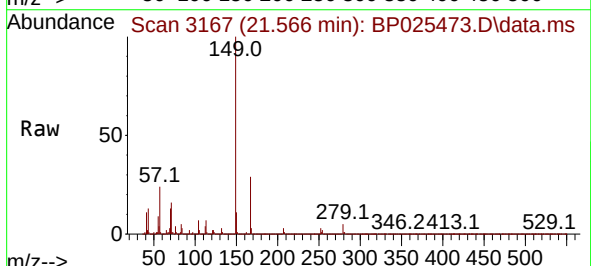
Tgt Ion:149 Resp: 2323944

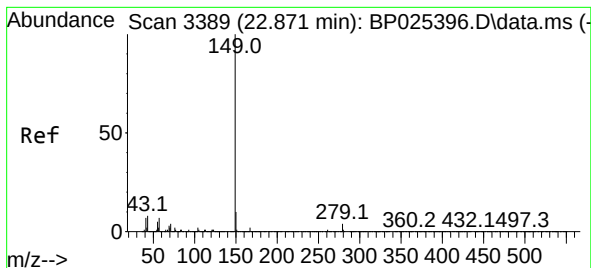
Ion Ratio Lower Upper

149 100

167 28.5 22.1 33.1

279 5.0 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 51.076 ng

RT: 22.860 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

Tgt Ion:149 Resp: 4076449

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

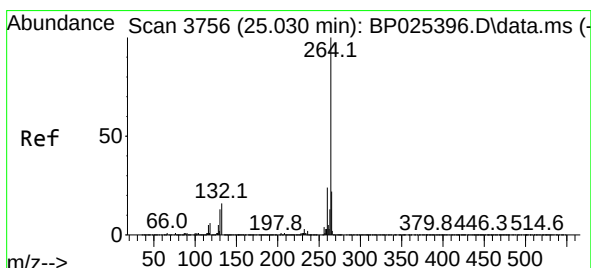
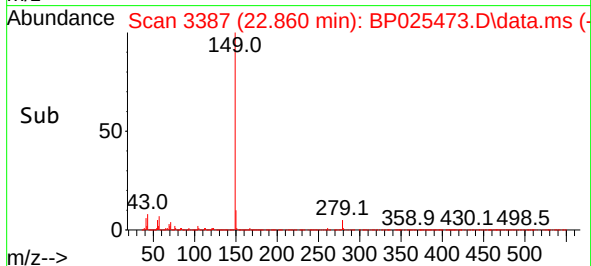
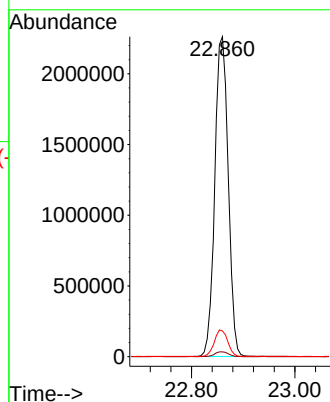
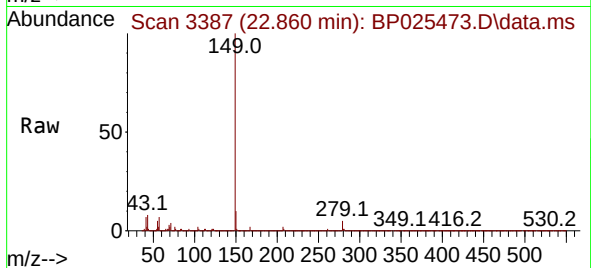
43 8.2 6.3 9.5

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: 25.030 min Scan# 3756

Delta R.T. 0.000 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

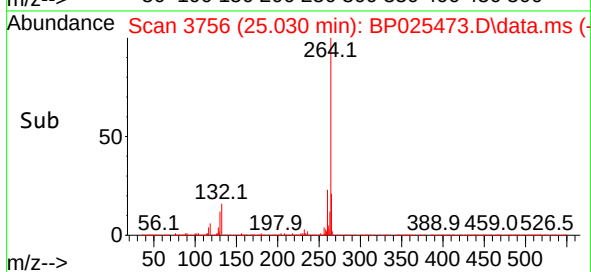
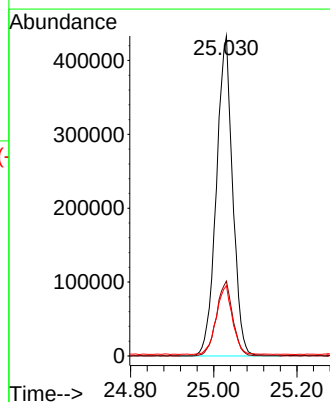
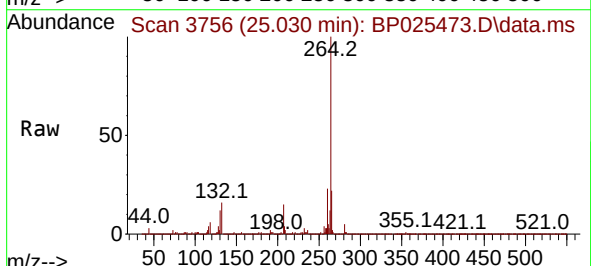
Tgt Ion:264 Resp: 1176738

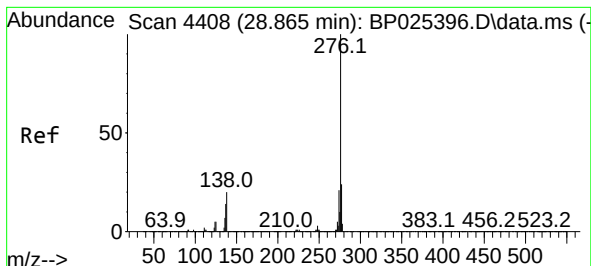
Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.336 ng m

RT: 28.859 min Scan# 4408

Delta R.T. -0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

Tgt Ion:276 Resp: 399866

Ion Ratio Lower Upper

276 100

138 16.1 12.9 19.3

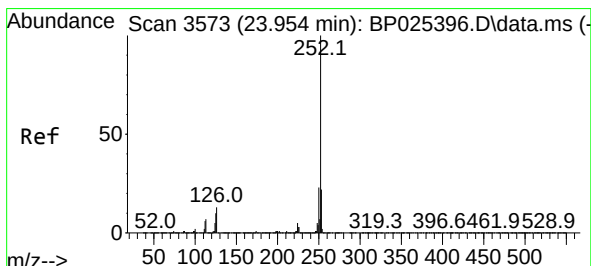
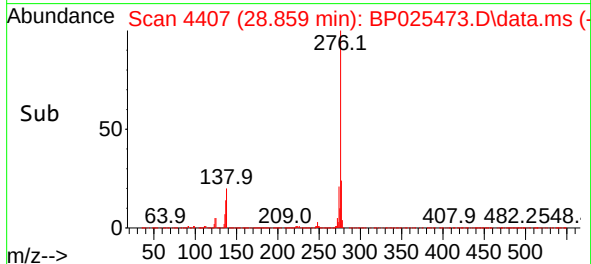
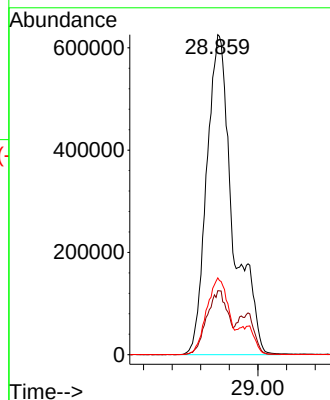
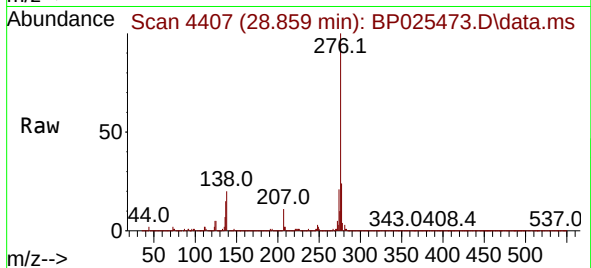
277 20.1 17.0 25.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#88

Benzo(b)fluoranthene

Concen: 48.343 ng

RT: 23.954 min Scan# 3573

Delta R.T. 0.000 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

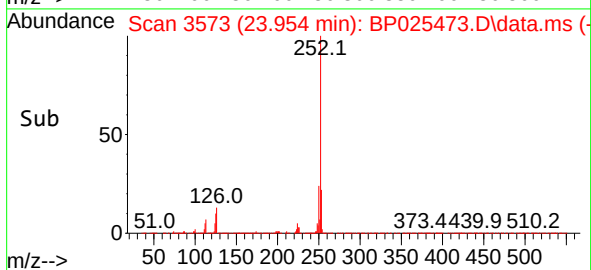
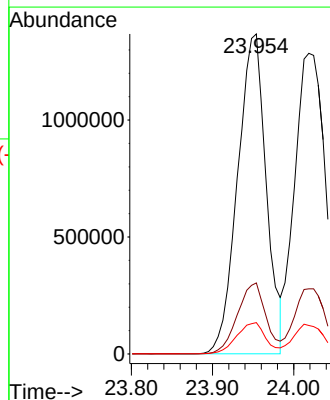
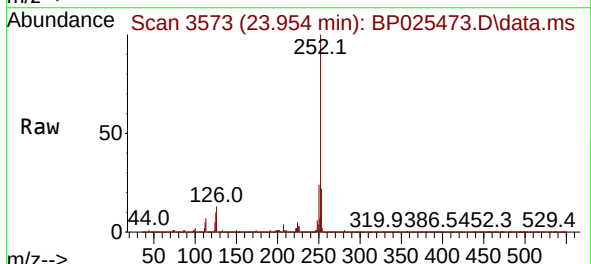
Tgt Ion:252 Resp: 3354449

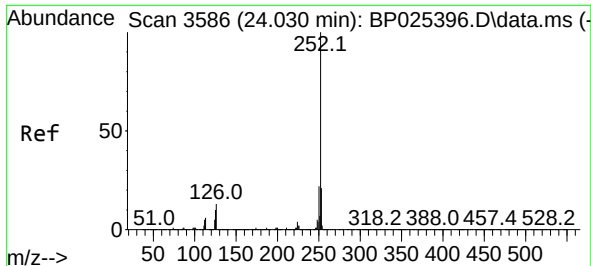
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

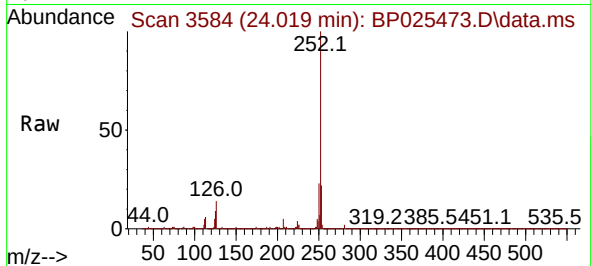
125 9.8 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 48.827 ng
RT: 24.019 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

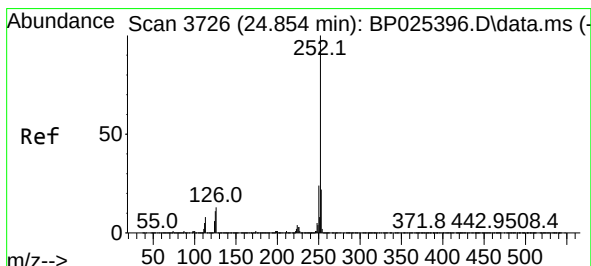
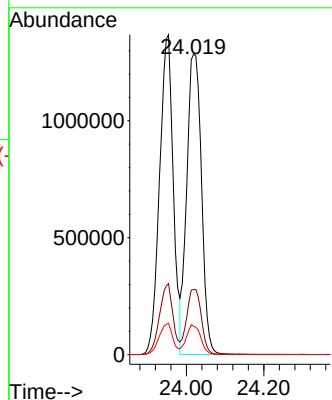
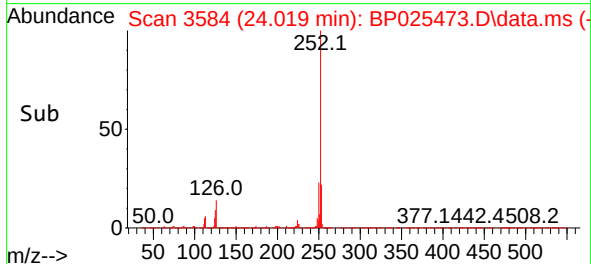
Instrument :
BNA_P
ClientSampleId :
PB169244BSD



Tgt Ion:252 Resp: 339035
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 9.5 7.8 11.6

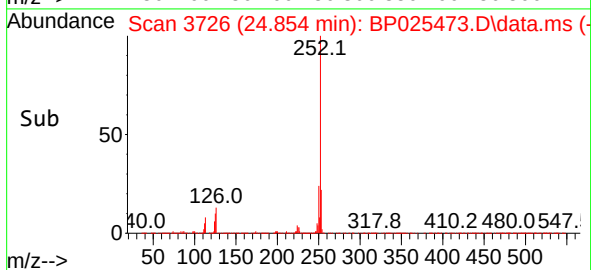
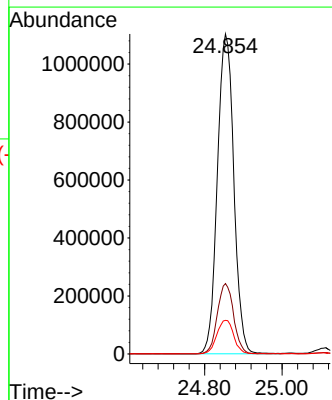
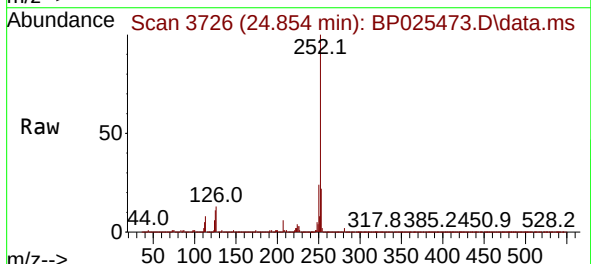
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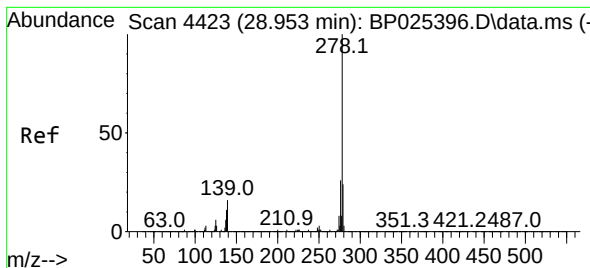
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#90
Benzo(a)pyrene
Concen: 48.136 ng
RT: 24.854 min Scan# 3726
Delta R.T. 0.000 min
Lab File: BP025473.D
Acq: 19 Aug 2025 12:47

Tgt Ion:252 Resp: 3251341
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.5 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 46.760 ng

RT: 28.971 min Scan# 4423

Delta R.T. 0.018 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169244BSD

Tgt Ion:278 Resp: 329761

Ion Ratio Lower Upper

278 100

139 14.3 13.0 19.4

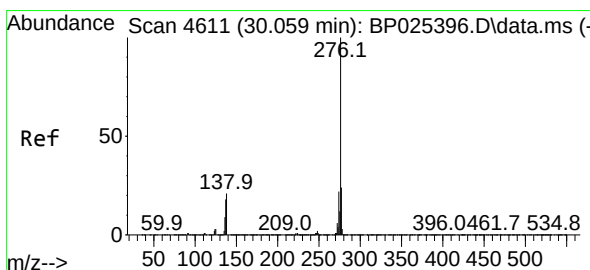
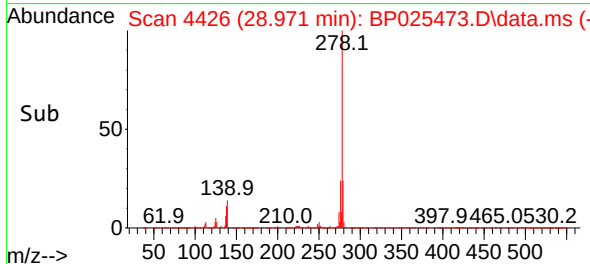
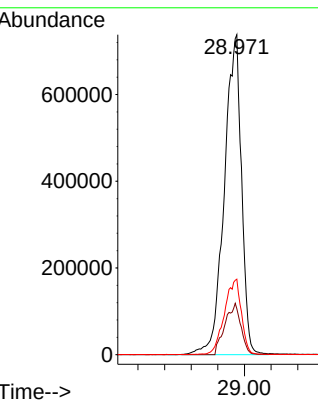
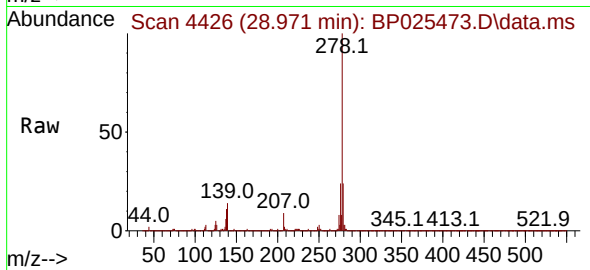
279 23.6 19.4 29.2

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#92

Benzo(g,h,i)perylene

Concen: 46.595 ng

RT: 30.054 min Scan# 4610

Delta R.T. -0.006 min

Lab File: BP025473.D

Acq: 19 Aug 2025 12:47

Tgt Ion:276 Resp: 3230088

Ion Ratio Lower Upper

276 100

277 23.0 19.4 29.0

138 22.0 16.7 25.1

