

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025450.D
 Acq On : 16 Aug 2025 08:07
 Operator : CG/JU
 Sample : Q2832-02MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TG-S01MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/18/2025
 Supervised By :Jagrut Upadhyay 08/18/2025

Quant Time: Aug 18 01:42:42 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	152685	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	625908	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	422650	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	867716	20.000	ng	0.00
76) Chrysene-d12	21.642	240	888384	20.000	ng	0.00
86) Perylene-d12	24.995	264	1010794	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1119343	121.747	ng	0.00
7) Phenol-d6	6.972	99	1387566	117.715	ng	0.00
23) Nitrobenzene-d5	8.931	82	999251	80.759	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	751556	132.109	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2314862	74.854	ng	0.00
79) Terphenyl-d14	19.919	244	4060286	83.619	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	102145	28.364	ng	# 57
3) Pyridine	3.743	79	224666	22.792	ng	95
4) n-Nitrosodimethylamine	3.637	42	148951	36.654	ng	95
6) Aniline	7.125	93	326425	20.553	ng	97
8) 2-Chlorophenol	7.366	128	412450	39.754	ng	99
9) Benzaldehyde	6.943	77	124730	15.103	ng	97
10) Phenol	6.996	94	481135	38.899	ng	96
11) bis(2-Chloroethyl)ether	7.219	93	353365	36.654	ng	99
12) 1,3-Dichlorobenzene	7.684	146	341413	29.843	ng	99
13) 1,4-Dichlorobenzene	7.825	146	358602	30.668	ng	99
14) 1,2-Dichlorobenzene	8.137	146	353942	31.269	ng	98
15) Benzyl Alcohol	8.025	79	398669	42.566	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.313	45	478030	37.015	ng	98
17) 2-Methylphenol	8.225	107	364348	42.413	ng	99
18) Hexachloroethane	8.860	117	128486	29.885	ng	98
19) n-Nitroso-di-n-propyla...	8.584	70	305739	39.158	ng	97
20) 3+4-Methylphenols	8.549	107	516104	43.342	ng	97
22) Acetophenone	8.602	105	611367	38.949	ng	# 98
24) Nitrobenzene	8.966	77	438312	39.637	ng	97
25) Isophorone	9.496	82	921219	42.070	ng	99
26) 2-Nitrophenol	9.672	139	225491	39.733	ng	98
27) 2,4-Dimethylphenol	9.737	122	448844	45.990	ng	100
28) bis(2-Chloroethoxy)met...	9.966	93	545917	41.243	ng	99
29) 2,4-Dichlorophenol	10.207	162	455810	47.015	ng	99
30) 1,2,4-Trichlorobenzene	10.419	180	385424	36.265	ng	96
31) Naphthalene	10.607	128	1245344	38.281	ng	100
32) Benzoic acid	9.849	122	143510	19.917	ng	93
33) 4-Chloroaniline	10.707	127	163507	11.378	ng	98
34) Hexachlorobutadiene	10.896	225	229173	34.625	ng	97
35) Caprolactam	11.490	113	152124m	42.792	ng	
36) 4-Chloro-3-methylphenol	11.837	107	552710	49.683	ng	98
37) 2-Methylnaphthalene	12.213	142	879639	41.550	ng	99
38) 1-Methylnaphthalene	12.431	142	926237	41.140	ng	99
40) 1,2,4,5-Tetrachloroben...	12.584	216	502447	41.162	ng	98
41) Hexachlorocyclopentadiene	12.566	237	500410	67.868	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	394645	47.889	ng	98

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 QLast Update : Thu Aug 14 18:14:31 2025
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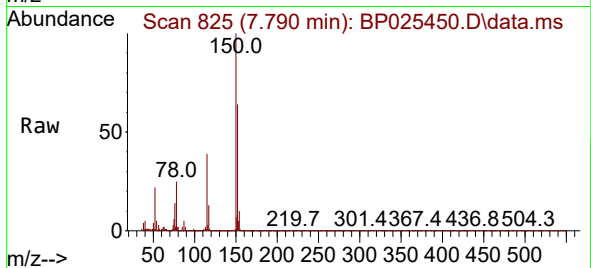
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	434241	48.080	ng	98
46) 1,1'-Biphenyl	13.225	154	1344882	43.814	ng	99
47) 2-Chloronaphthalene	13.266	162	1023664	42.838	ng	99
48) 2-Nitroaniline	13.466	65	360205	51.733	ng	100
49) Acenaphthylene	14.125	152	1762818	44.582	ng	99
50) Dimethylphthalate	13.854	163	1453848	46.974	ng	100
51) 2,6-Dinitrotoluene	13.960	165	324485	49.742	ng	96
52) Acenaphthene	14.472	154	1040070m	44.812	ng	
53) 3-Nitroaniline	14.295	138	219062	29.847	ng	96
54) 2,4-Dinitrophenol	14.507	184	140145	40.229	ng	97
55) Dibenzofuran	14.813	168	1657330	45.165	ng	99
56) 4-Nitrophenol	14.613	139	565622	93.784	ng	89
57) 2,4-Dinitrotoluene	14.772	165	479197	51.486	ng	98
58) Fluorene	15.472	166	1317796	45.512	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.037	232	397256	49.814	ng	97
60) Diethylphthalate	15.237	149	1491282	47.420	ng	100
61) 4-Chlorophenyl-phenyle...	15.466	204	638866	44.365	ng	95
62) 4-Nitroaniline	15.484	138	346090	45.997	ng	95
63) Azobenzene	15.760	77	1340309	49.773	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	152039	28.109	ng	88
66) n-Nitrosodiphenylamine	15.678	169	1245853	47.084	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	434693	45.550	ng	94
68) Hexachlorobenzene	16.495	284	511055	46.197	ng	97
69) Atrazine	16.654	200	445042	44.911	ng	97
70) Pentachlorophenol	16.848	266	616953	88.347	ng	98
71) Phenanthrene	17.248	178	2244223	47.082	ng	100
72) Anthracene	17.336	178	2315498	47.569	ng	100
73) Carbazole	17.619	167	2208948	48.178	ng	99
74) Di-n-butylphthalate	18.213	149	2686045	47.616	ng	100
75) Fluoranthene	19.325	202	2704873	47.573	ng	98
77) Benzidine	19.507	184	829917	27.373	ng	99
78) Pyrene	19.701	202	2846746	49.301	ng	100
80) Butylbenzylphthalate	20.648	149	1296053	49.525	ng	98
81) Benzo(a)anthracene	21.624	228	2793394	47.678	ng	100
82) 3,3'-Dichlorobenzidine	21.536	252	778861	35.269	ng	99
83) Chrysene	21.689	228	2666882	48.605	ng	99
84) Bis(2-ethylhexyl)phtha...	21.566	149	1885442	48.943	ng	99
85) Di-n-octyl phthalate	22.854	149	3281395	49.522	ng	99
87) Indeno(1,2,3-cd)pyrene	28.824	276	3572016m	48.187	ng	
88) Benzo(b)fluoranthene	23.936	252	2925656	49.085	ng	99
89) Benzo(k)fluoranthene	24.013	252	2961772	49.657	ng	99
90) Benzo(a)pyrene	24.854	252	2856583	49.235	ng	98
91) Dibenzo(a,h)anthracene	28.906	278	2912079	48.072	ng	99
92) Benzo(g,h,i)perylene	30.012	276	2872944	48.247	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025450.D
 Acq: 16 Aug 2025 08:07

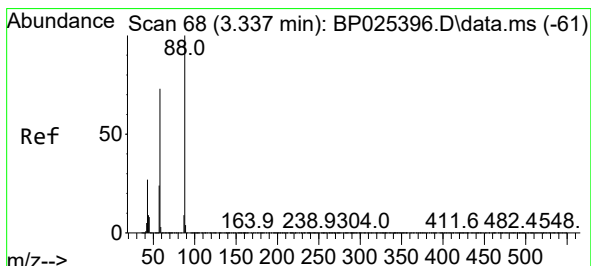
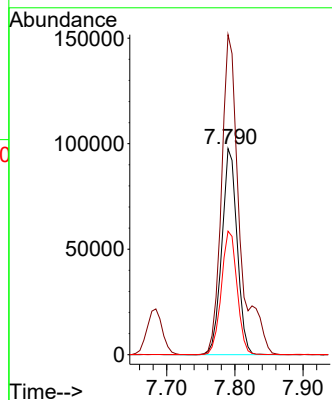
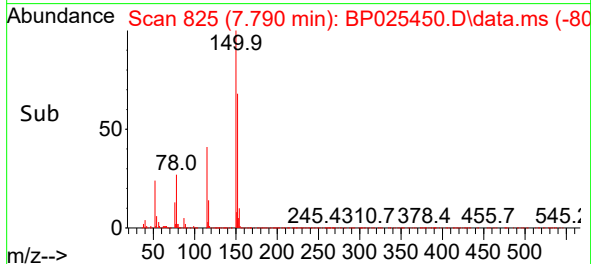
Instrument :
 BNA_P
 ClientSampleId :
 TG-S01MSD



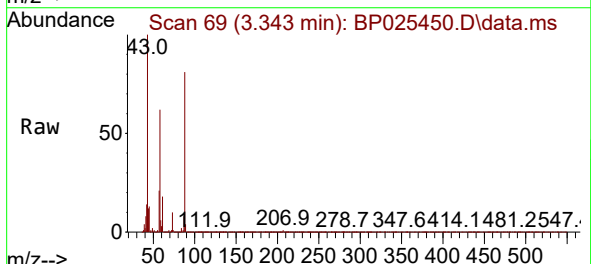
Tgt Ion:152 Resp: 15268
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.9 188.9
 115 59.9 48.5 72.7

Manual Integrations
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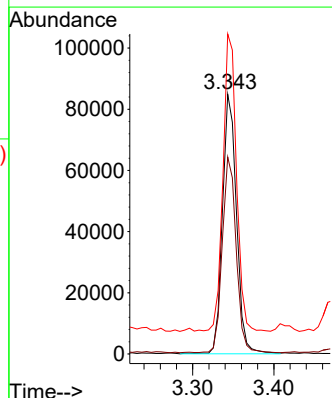
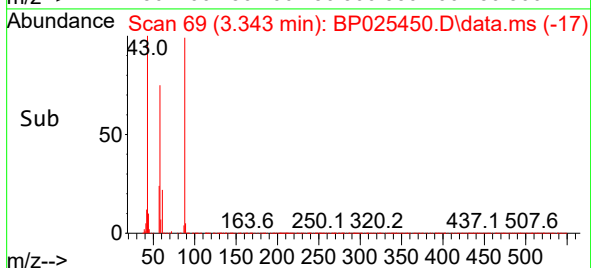
Reviewed By :Rahul Chavli 08/18/2025
 Supervised By :Jagrut Upadhyay 08/18/2025



#2
 1,4-Dioxane
 Concen: 28.364 ng
 RT: 3.343 min Scan# 69
 Delta R.T. 0.006 min
 Lab File: BP025450.D
 Acq: 16 Aug 2025 08:07



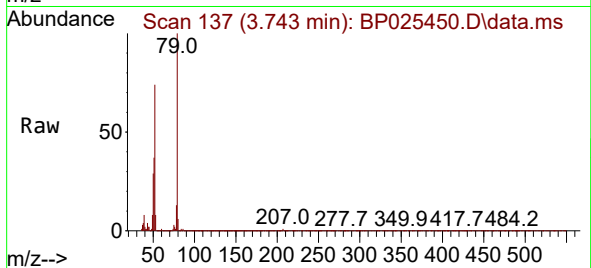
Tgt Ion: 88 Resp: 102145
 Ion Ratio Lower Upper
 88 100
 58 74.8 59.2 88.8
 43 109.9 21.7 32.5





#3
Pyridine
Concen: 22.792 ng
RT: 3.743 min Scan# 117
Delta R.T. 0.012 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

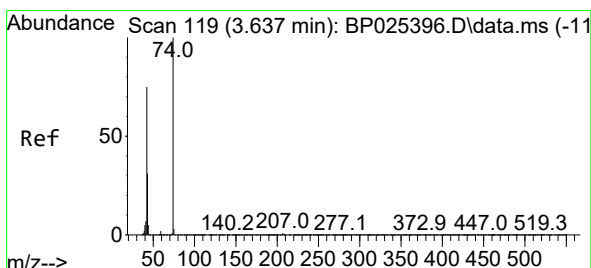
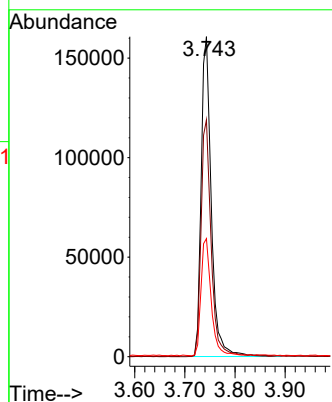
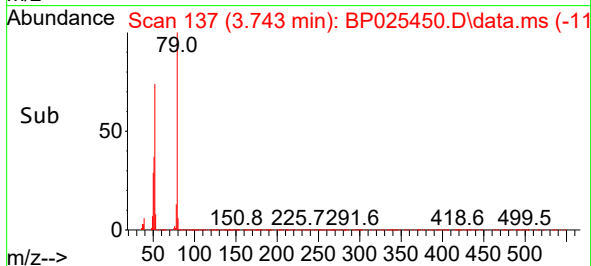
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



Tgt Ion: 79 Resp: 224660
Ion Ratio Lower Upper
79 100
52 74.0 55.5 83.3
51 36.9 28.3 42.5

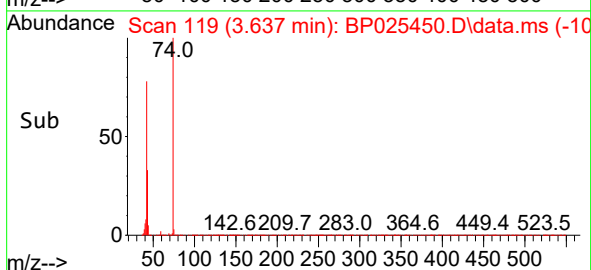
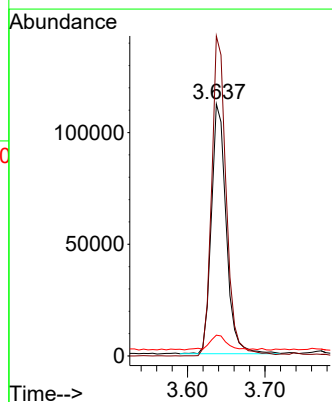
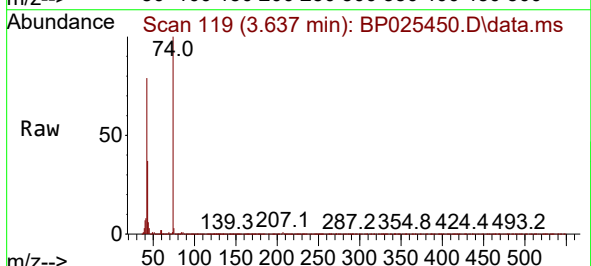
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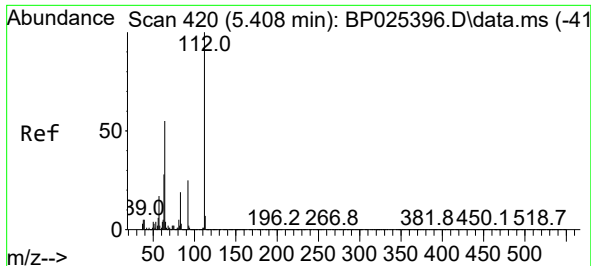
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#4
n-Nitrosodimethylamine
Concen: 36.654 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

Tgt Ion: 42 Resp: 148951
Ion Ratio Lower Upper
42 100
74 127.0 107.0 160.4
44 8.2 6.2 9.4





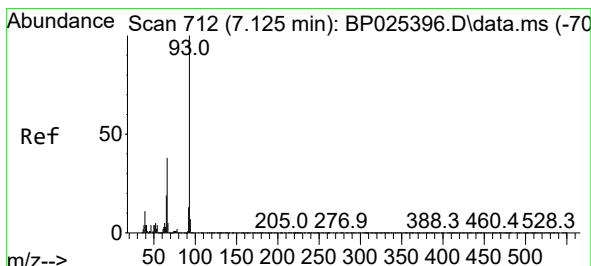
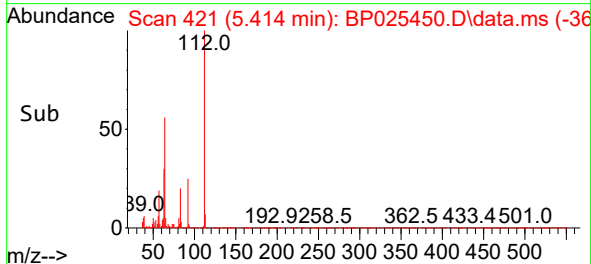
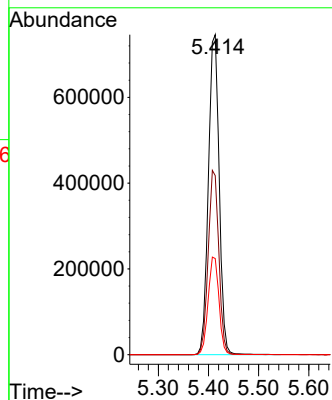
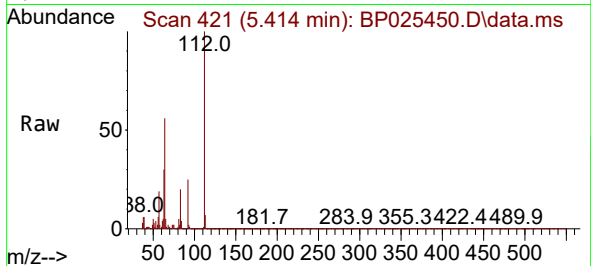
#5
2-Fluorophenol
Concen: 121.747 ng
RT: 5.414 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

Instrument :
BNA_P
ClientSampleId :
TG-S01MSD

Tgt Ion:112 Resp: 111934
Ion Ratio Lower Upper
112 100
64 56.0 43.8 65.8
63 30.0 22.7 34.1

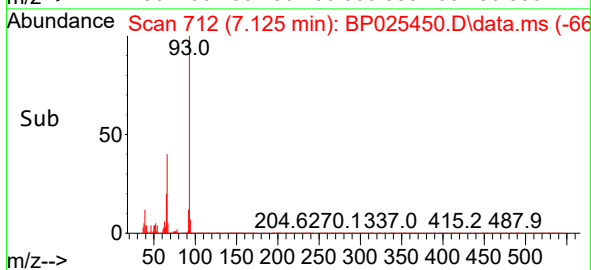
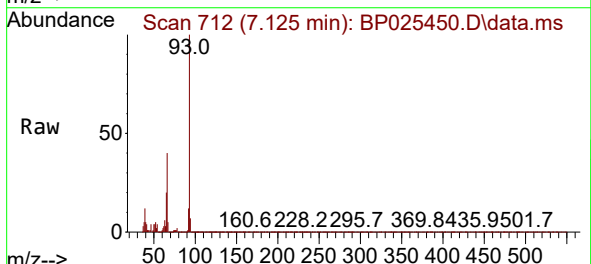
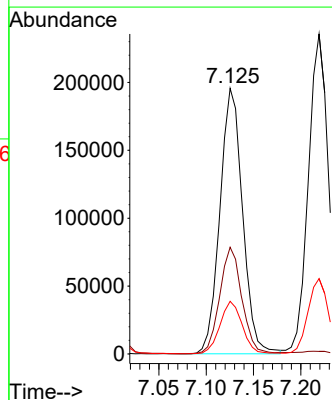
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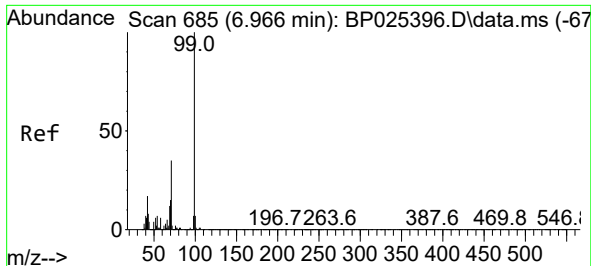
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#6
Aniline
Concen: 20.553 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

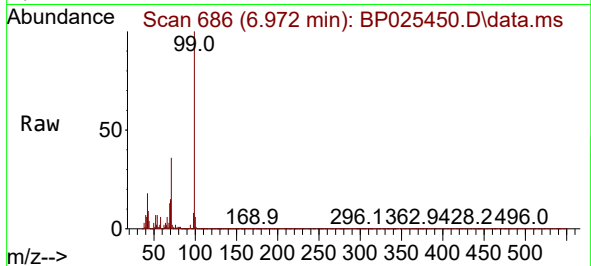
Tgt Ion: 93 Resp: 326425
Ion Ratio Lower Upper
93 100
66 40.2 30.4 45.6
65 19.8 15.3 22.9





#7
Phenol-d6
Concen: 117.715 ng
RT: 6.972 min Scan# 685
Delta R.T. 0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

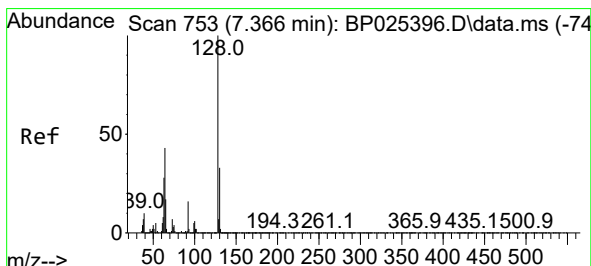
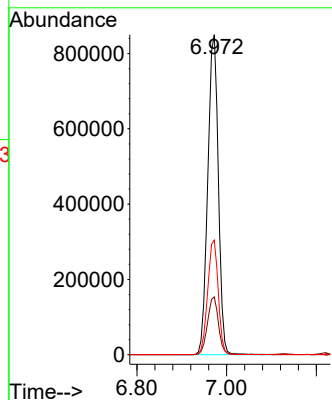
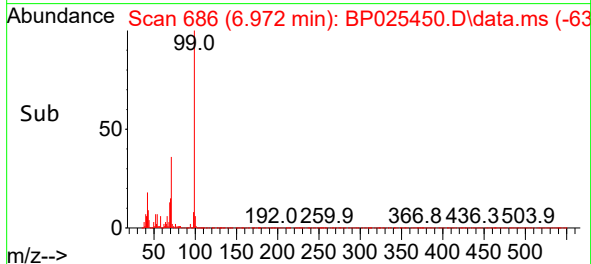
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BNA_P
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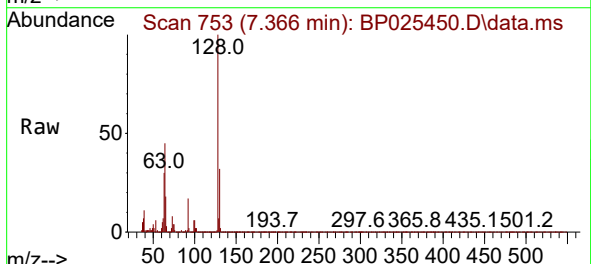
Tgt Ion: 99 Resp: 1387560
Ion Ratio Lower Upper
99 100
42 18.1 13.7 20.5
71 35.8 28.2 42.4

Manual Integrations
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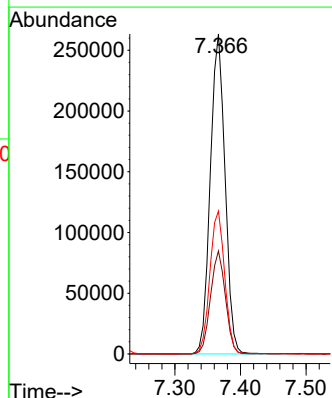
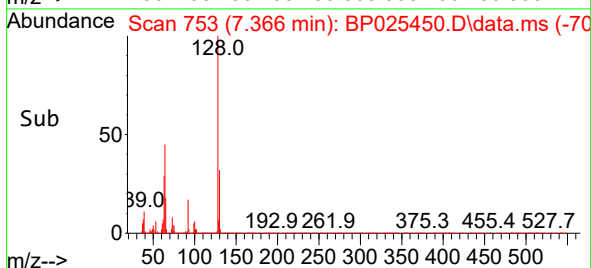
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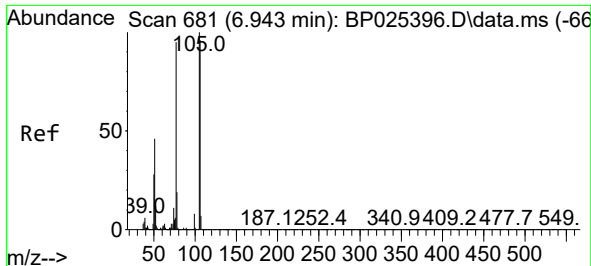


#8
2-Chlorophenol
Concen: 39.754 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07



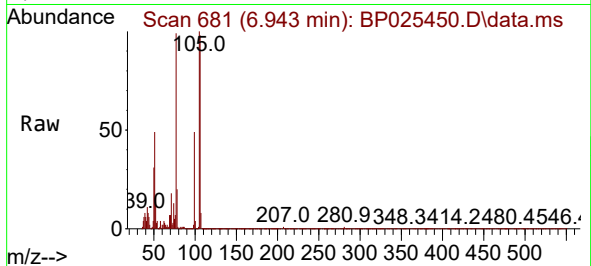
Tgt Ion:128 Resp: 412450
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 44.6 23.4 63.4





#9
Benzaldehyde
Concen: 15.103 ng
RT: 6.943 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

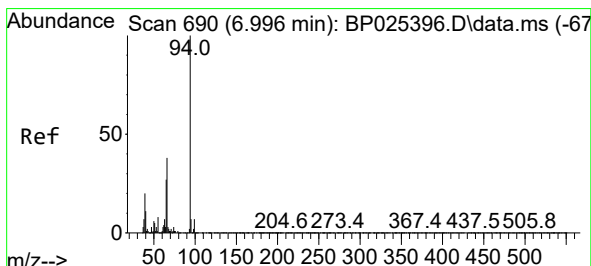
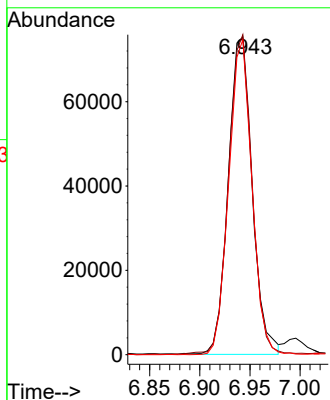
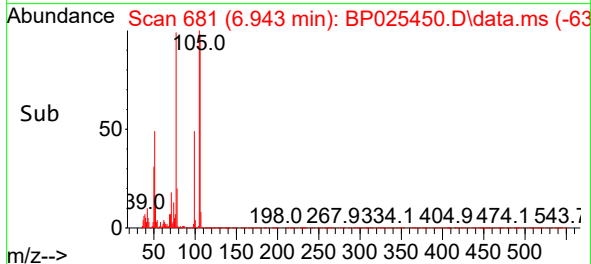
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



Tgt Ion: 77 Resp: 124730
Ion Ratio Lower Upper
77 100
105 100.7 84.8 124.8
106 99.2 80.5 120.5

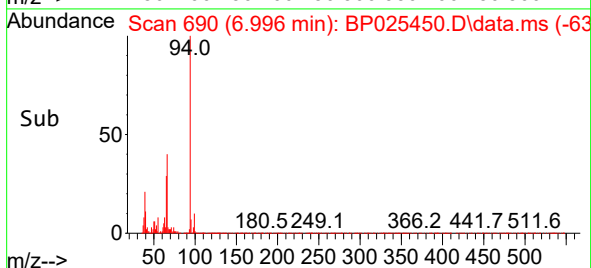
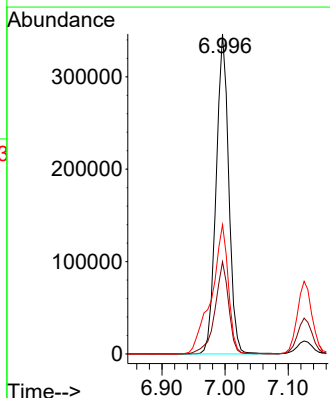
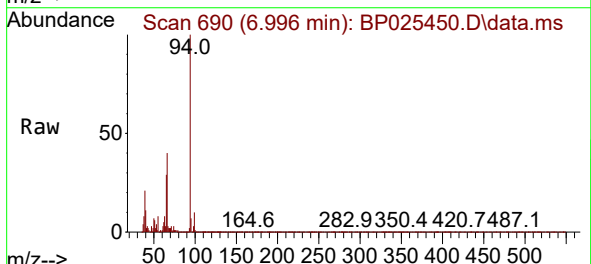
Manual Integrations
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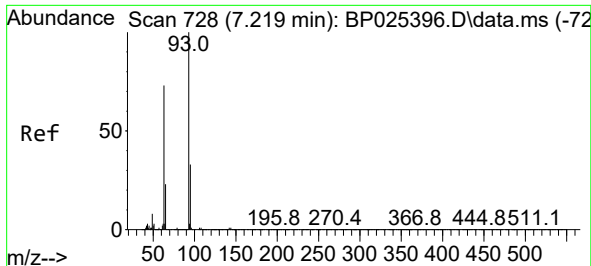
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#10
Phenol
Concen: 38.899 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

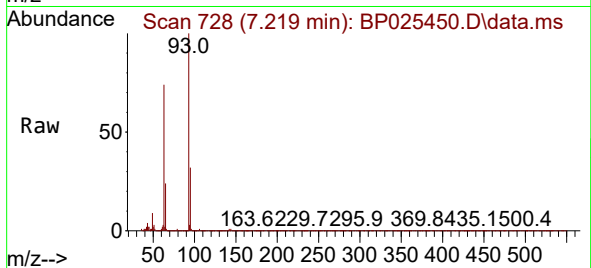
Tgt Ion: 94 Resp: 481135
Ion Ratio Lower Upper
94 100
65 28.8 6.8 46.8
66 40.4 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 36.654 ng
RT: 7.219 min Scan# 728
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

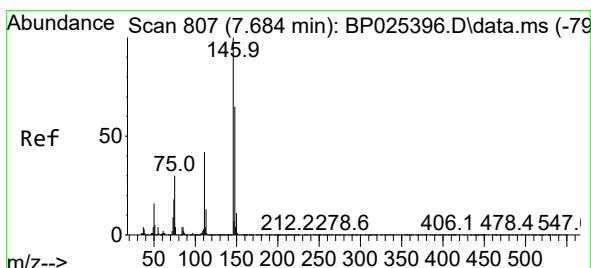
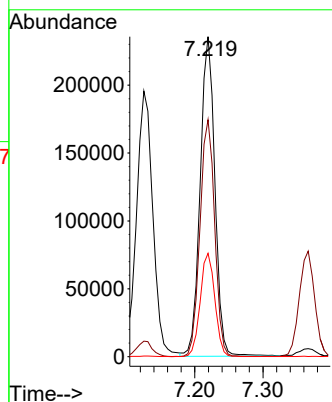
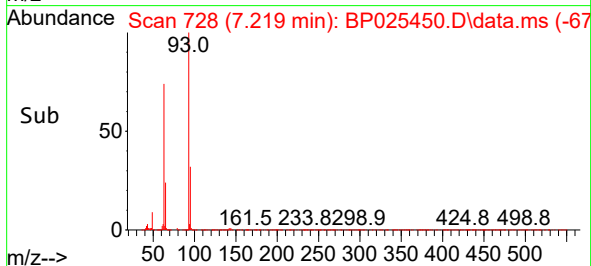
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



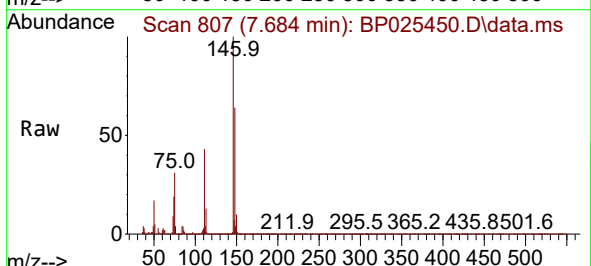
Tgt Ion: 93 Resp: 35336
Ion Ratio Lower Upper
93 100
63 74.1 52.6 92.6
95 32.3 12.7 52.7

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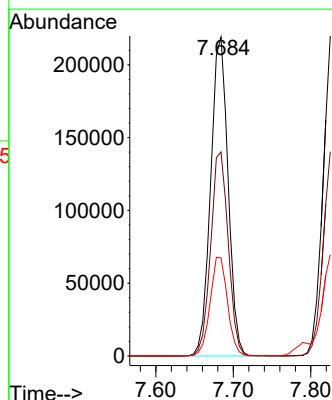
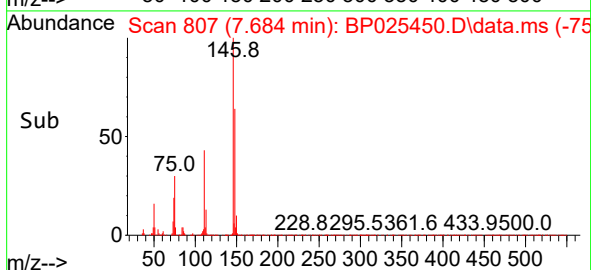
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

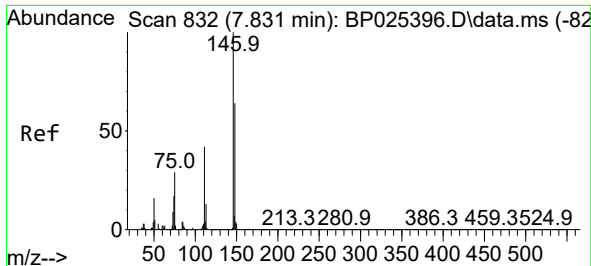


#12
1,3-Dichlorobenzene
Concen: 29.843 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07



Tgt Ion:146 Resp: 341413
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 30.8 23.7 35.5





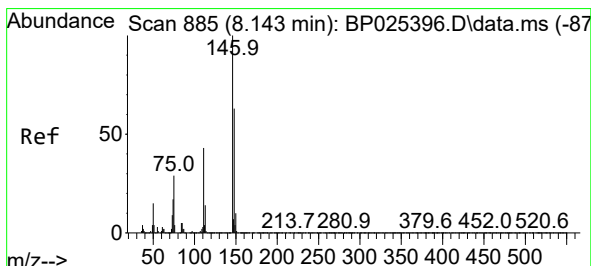
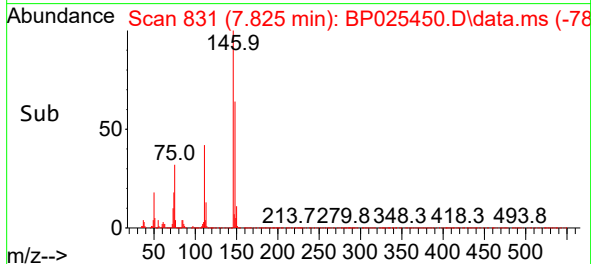
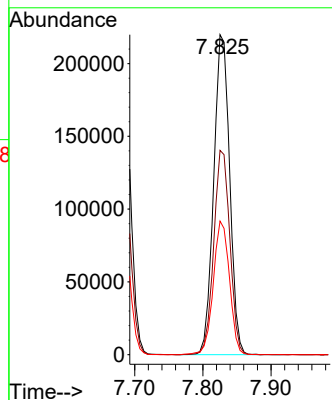
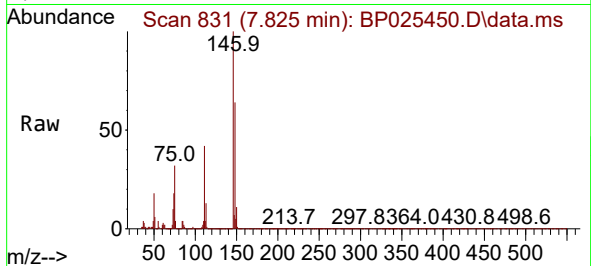
#13
1,4-Dichlorobenzene
Concen: 30.668 ng
RT: 7.825 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

Instrument :
BNA_P
ClientSampleId :
TG-S01MSD

Tgt Ion:146 Resp: 35860
Ion Ratio Lower Upper
146 100
148 63.9 51.6 77.4
111 41.7 33.4 50.0

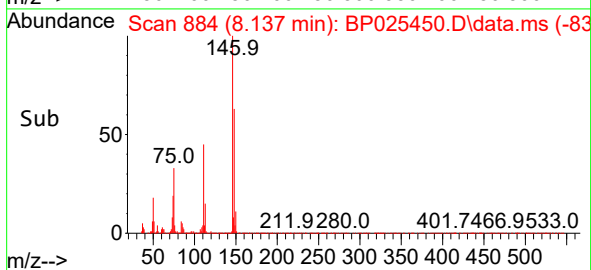
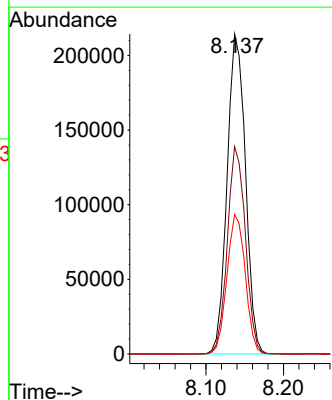
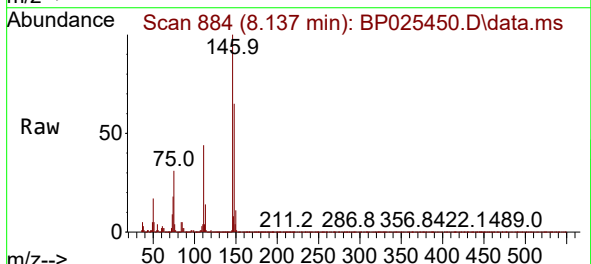
Manual Integrations
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Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#14
1,2-Dichlorobenzene
Concen: 31.269 ng
RT: 8.137 min Scan# 884
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

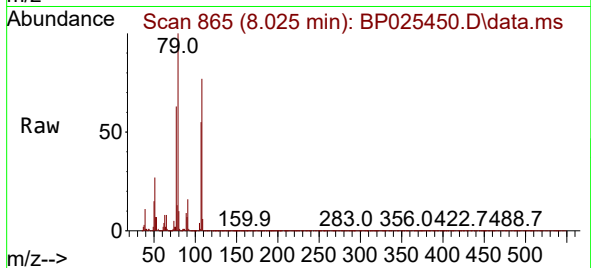
Tgt Ion:146 Resp: 353942
Ion Ratio Lower Upper
146 100
148 64.8 50.4 75.6
111 43.6 34.5 51.7





#15
Benzyl Alcohol
Concen: 42.566 ng
RT: 8.025 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

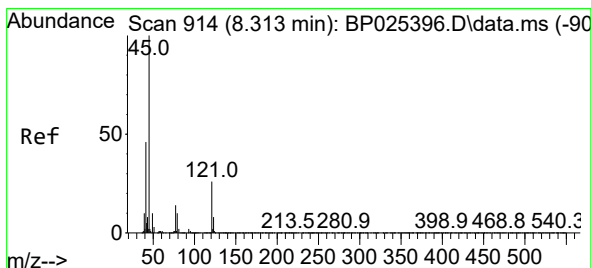
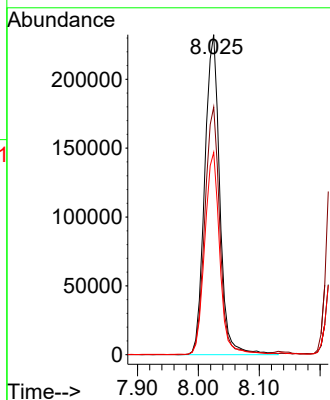
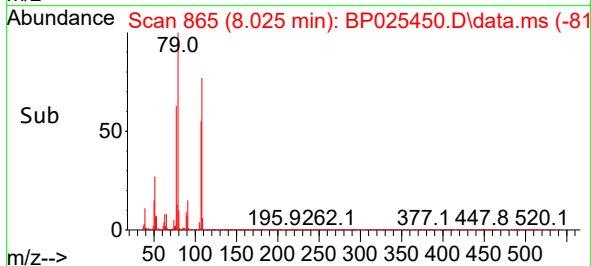
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



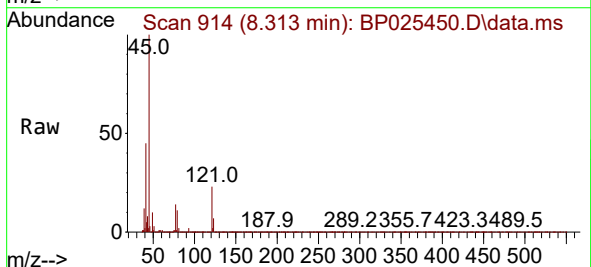
Tgt Ion: 79 Resp: 398669
Ion Ratio Lower Upper
79 100
108 77.4 63.8 95.6
77 63.2 49.0 73.4

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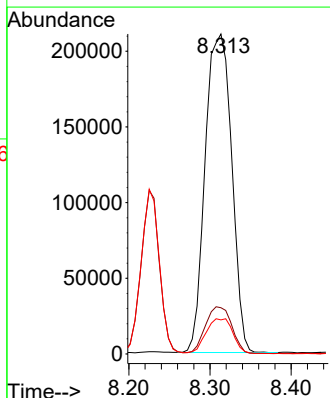
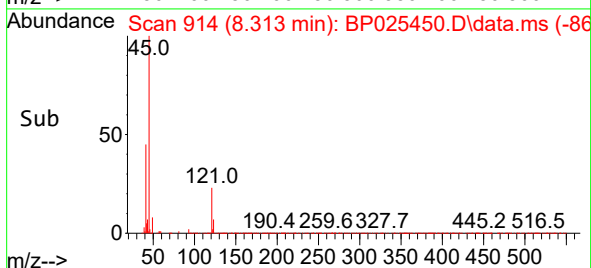
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

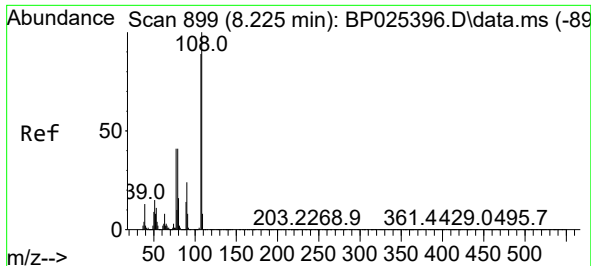


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.015 ng
RT: 8.313 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07



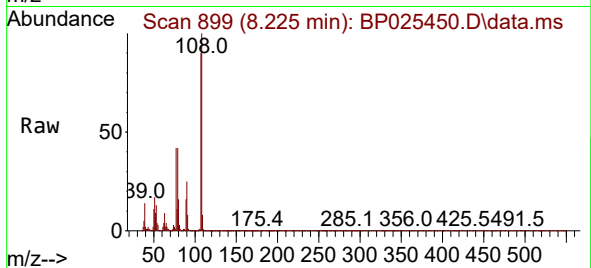
Tgt Ion: 45 Resp: 478030
Ion Ratio Lower Upper
45 100
77 14.4 0.0 35.3
79 10.7 0.0 31.8





#17
2-Methylphenol
Concen: 42.413 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

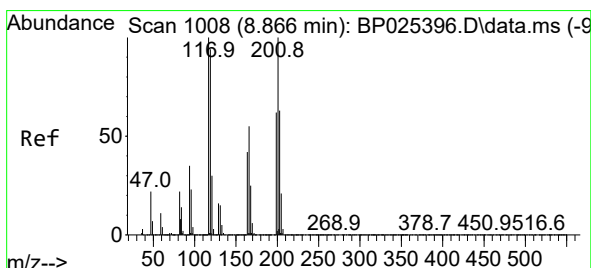
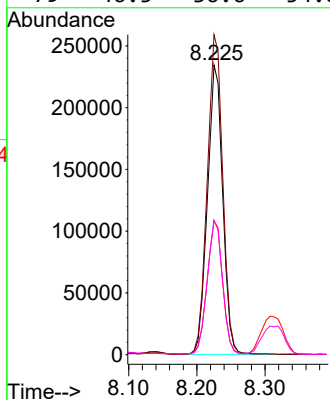
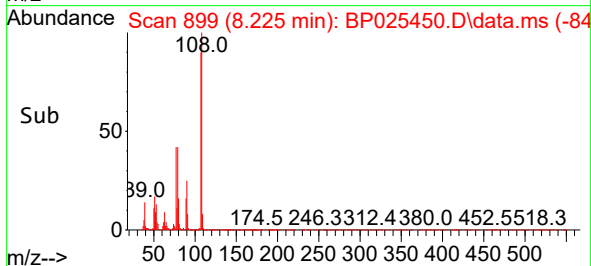
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



Tgt Ion:107 Resp: 364348
Ion Ratio Lower Upper
107 100
108 110.5 89.4 134.0
77 46.1 36.3 54.5
79 46.5 36.6 54.8

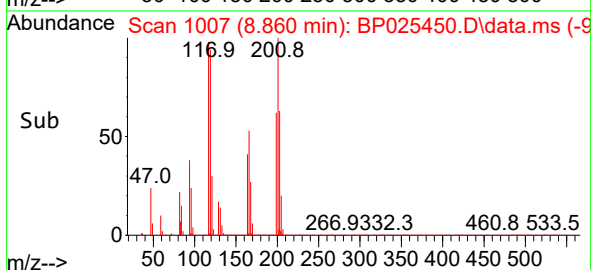
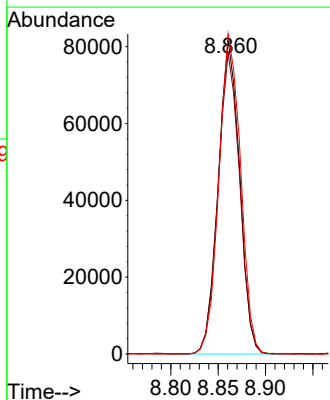
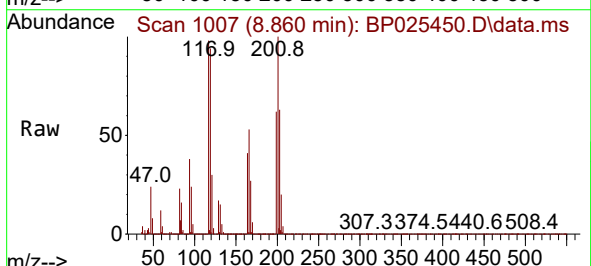
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Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#18
Hexachloroethane
Concen: 29.885 ng
RT: 8.860 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

Tgt Ion:117 Resp: 128486
Ion Ratio Lower Upper
117 100
119 95.7 75.1 112.7
201 101.9 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 39.158 ng

RT: 8.584 min Scan# 90

Delta R.T. -0.006 min

Lab File: BP025450.D

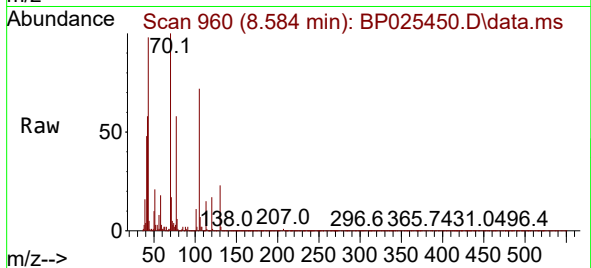
Acq: 16 Aug 2025 08:07

Instrument :

BNA_P

ClientSampleId :

TG-S01MSD



Tgt Ion: 70 Resp: 305739

Ion Ratio Lower Upper

70 100

42 57.6 43.8 65.6

101 10.9 8.5 12.7

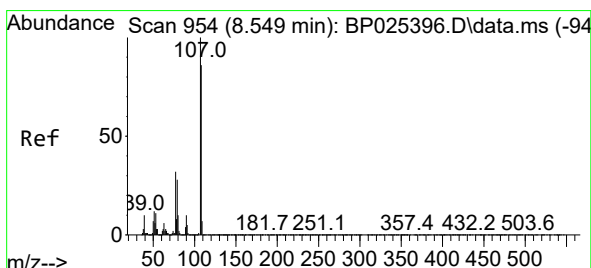
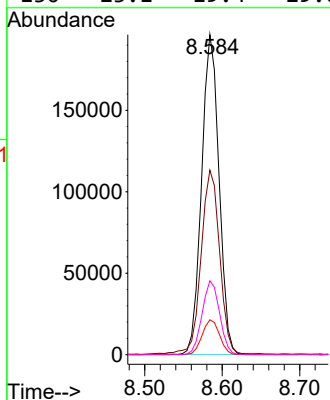
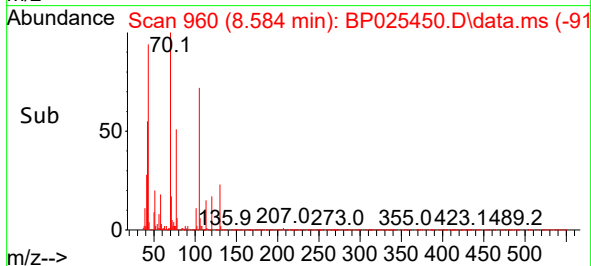
130 23.1 19.4 29.0

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#20

3+4-Methylphenols

Concen: 43.342 ng

RT: 8.549 min Scan# 954

Delta R.T. 0.000 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Tgt Ion:107 Resp: 516104

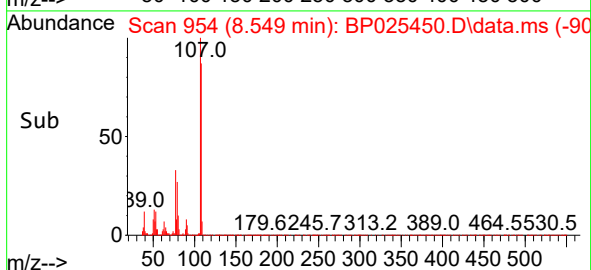
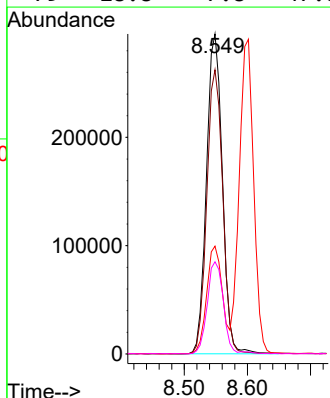
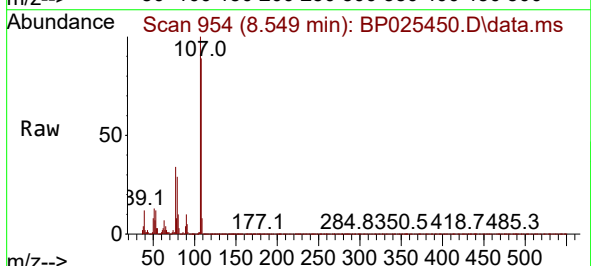
Ion Ratio Lower Upper

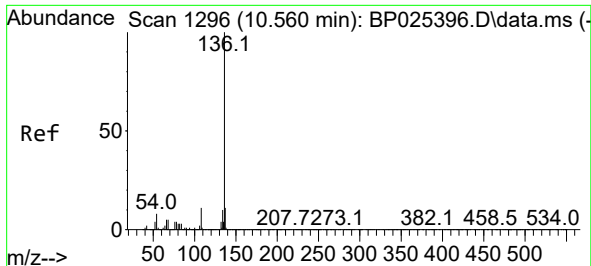
107 100

108 88.8 66.3 106.3

77 33.7 12.3 52.3

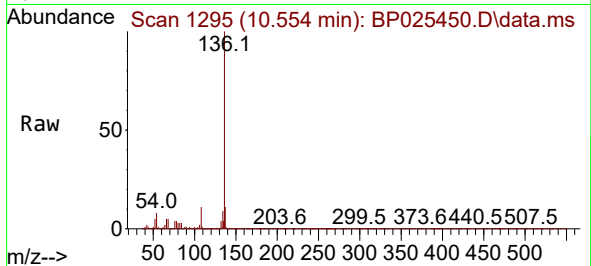
79 28.8 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

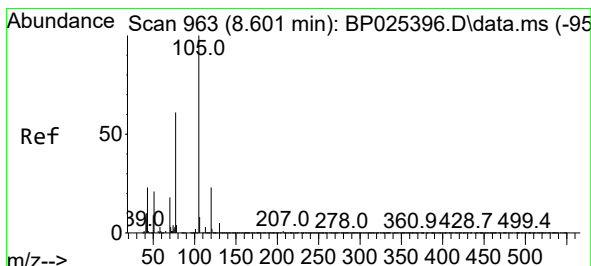
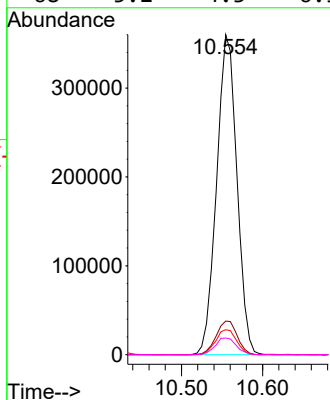
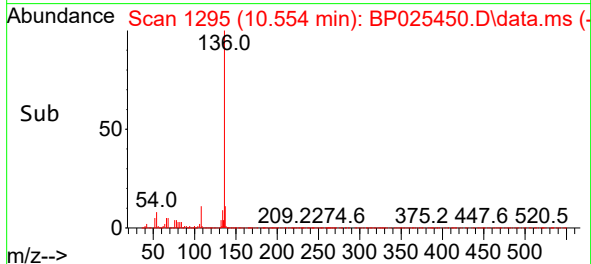
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



Tgt Ion:136 Resp: 625908
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 7.8 6.0 9.0
68 5.2 4.3 6.5

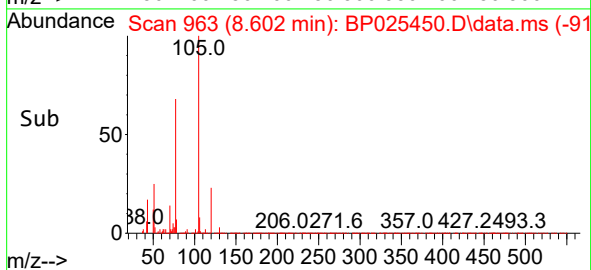
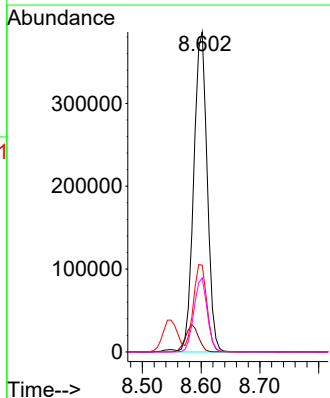
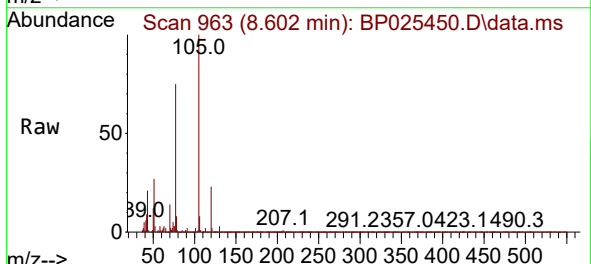
Manual Integrations
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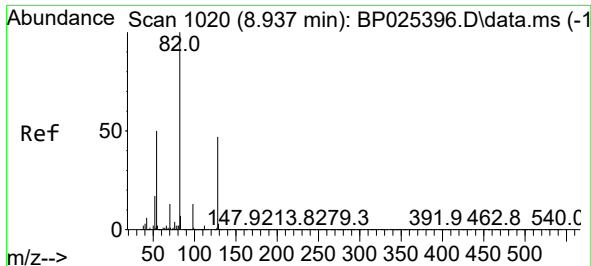
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#22
Acetophenone
Concen: 38.949 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

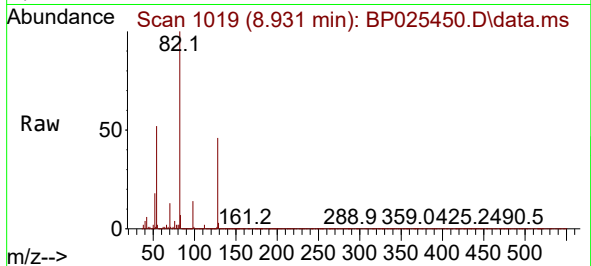
Tgt Ion:105 Resp: 611367
Ion Ratio Lower Upper
105 100
71 2.2 2.6 4.0#
51 27.1 20.6 30.8
120 23.2 18.6 27.8





#23
Nitrobenzene-d5
Concen: 80.759 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

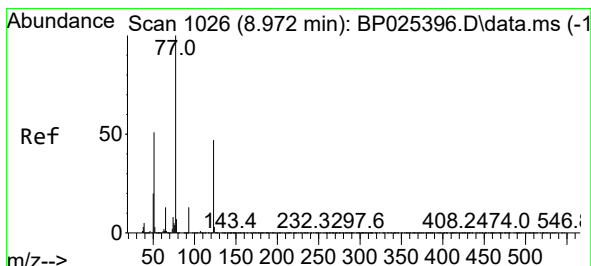
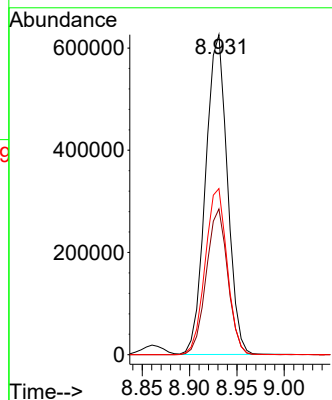
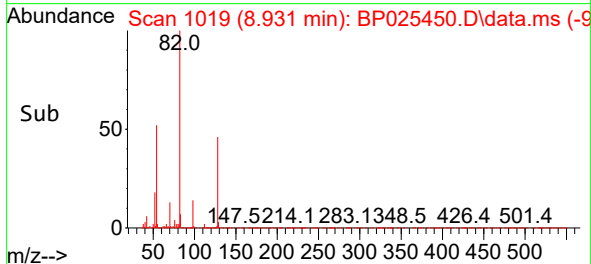
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



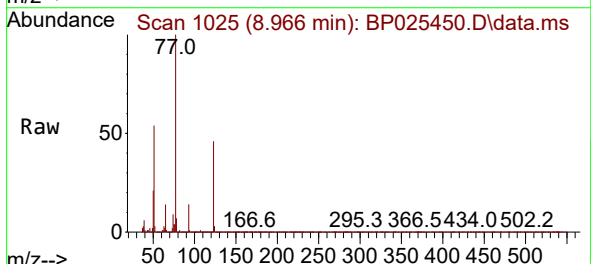
Tgt Ion: 82 Resp: 99925
Ion Ratio Lower Upper
82 100
128 45.6 37.7 56.5
54 51.9 39.8 59.6

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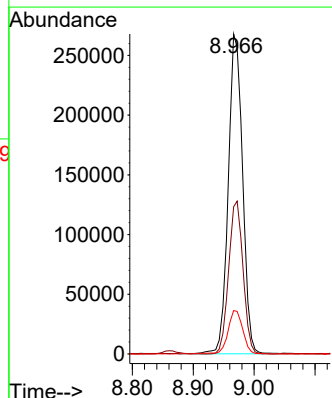
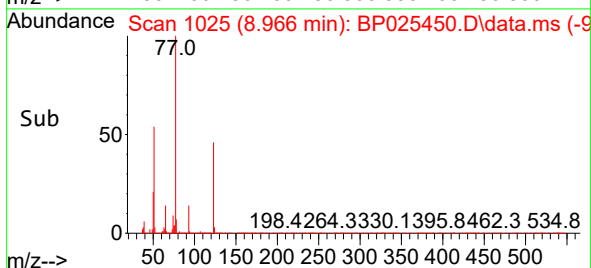
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

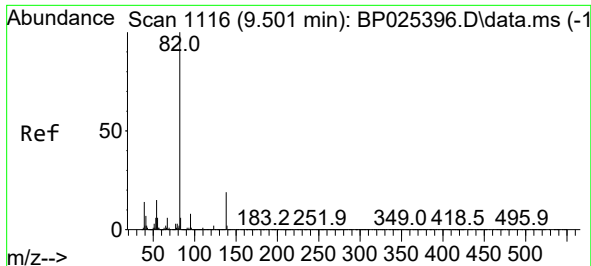


#24
Nitrobenzene
Concen: 39.637 ng
RT: 8.966 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07



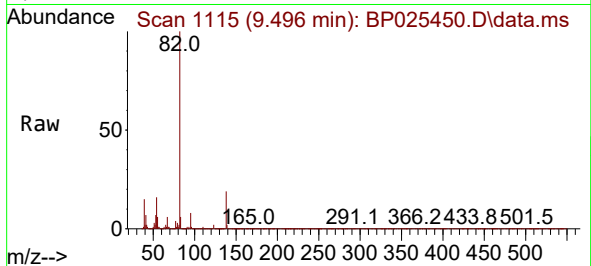
Tgt Ion: 77 Resp: 438312
Ion Ratio Lower Upper
77 100
123 46.0 38.6 58.0
65 13.6 10.6 15.8





#25
Isophorone
Concen: 42.070 ng
RT: 9.496 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

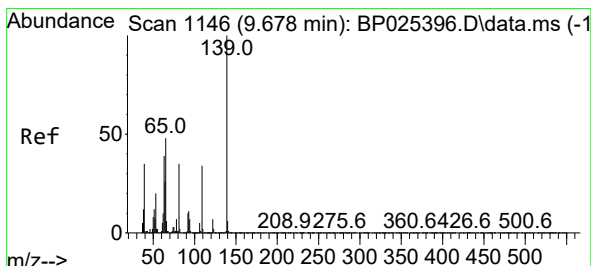
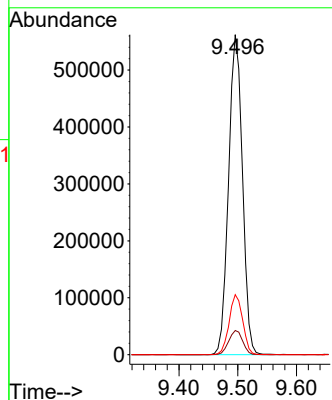
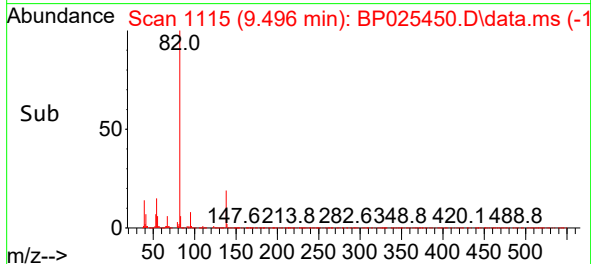
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



Tgt Ion: 82 Resp: 921219
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 18.7 15.4 23.0

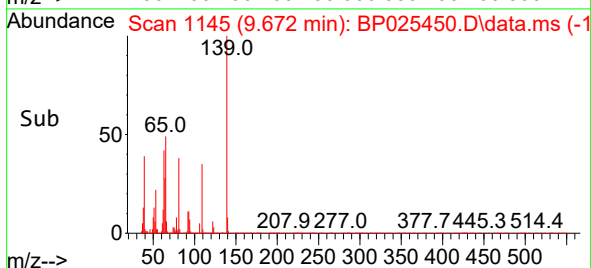
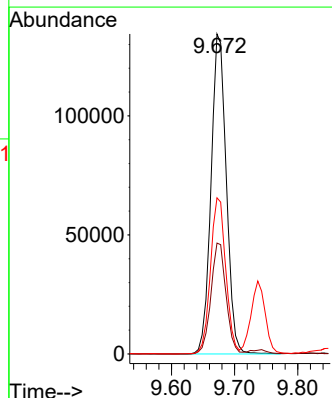
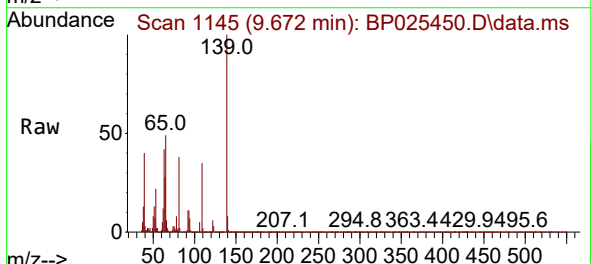
Manual Integrations
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Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#26
2-Nitrophenol
Concen: 39.733 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

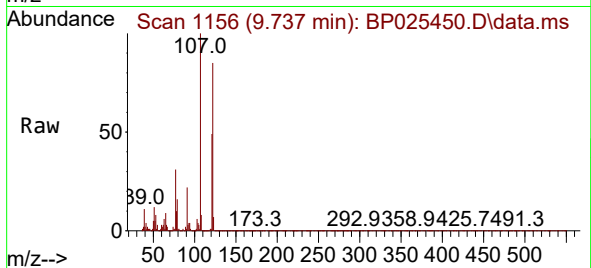
Tgt Ion:139 Resp: 225491
Ion Ratio Lower Upper
139 100
109 34.7 26.9 40.3
65 48.8 38.3 57.5





#27
2,4-Dimethylphenol
Concen: 45.990 ng
RT: 9.737 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

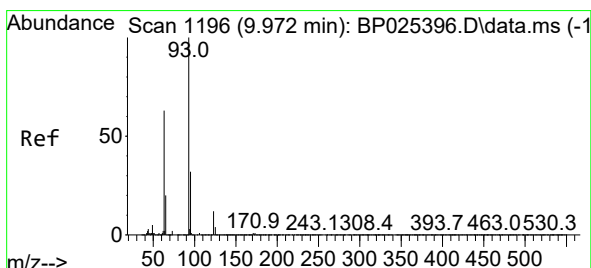
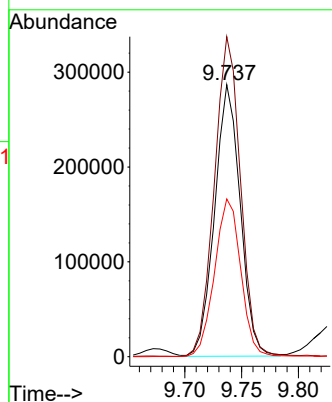
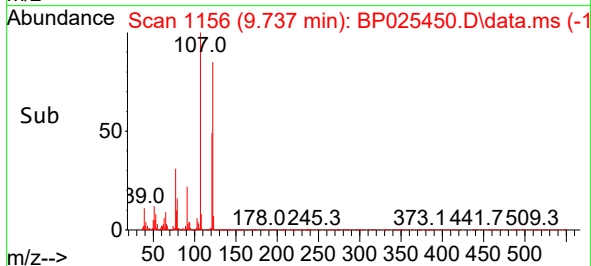
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



Tgt Ion:122 Resp: 448844
Ion Ratio Lower Upper
122 100
107 117.7 93.7 140.5
121 58.0 46.6 69.8

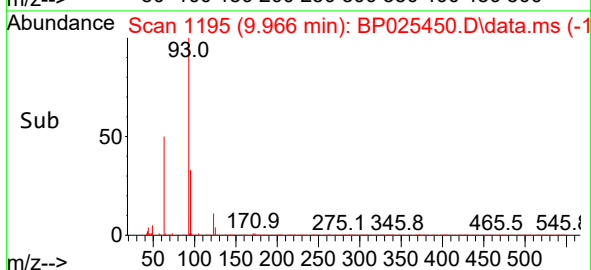
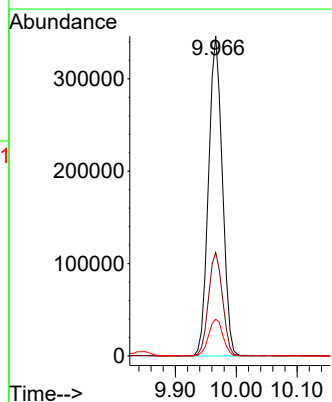
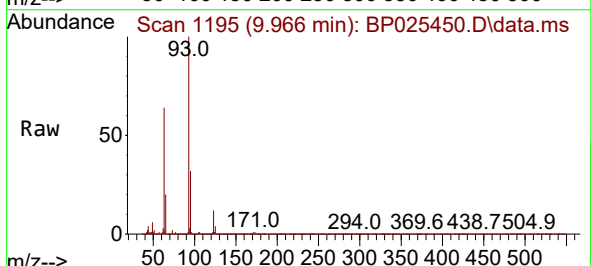
Manual Integrations
APPROVED

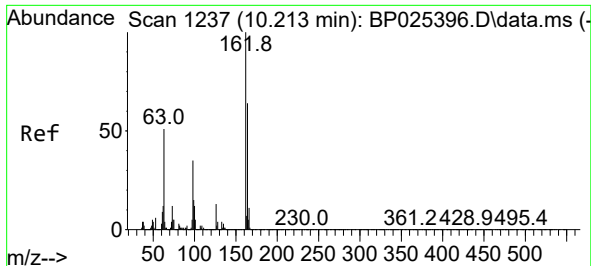
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#28
bis(2-Chloroethoxy)methane
Concen: 41.243 ng
RT: 9.966 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

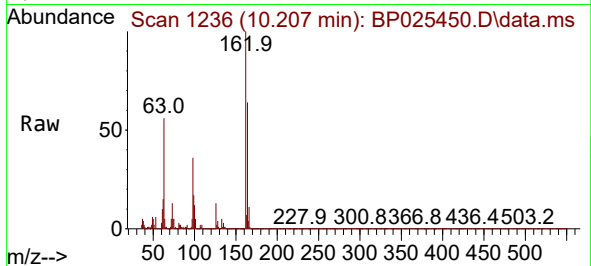
Tgt Ion: 93 Resp: 545917
Ion Ratio Lower Upper
93 100
95 32.3 25.4 38.0
123 11.5 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 47.015 ng
RT: 10.207 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

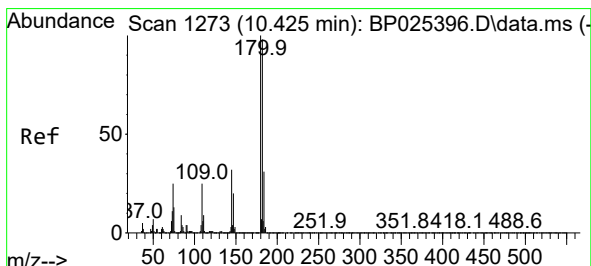
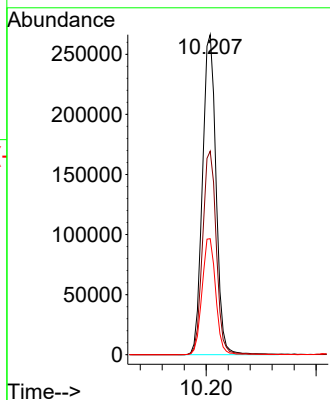
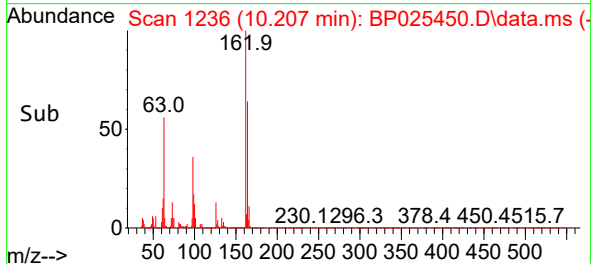
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



Tgt Ion:162 Resp: 455810
Ion Ratio Lower Upper
162 100
164 63.6 44.4 84.4
98 36.3 14.9 54.9

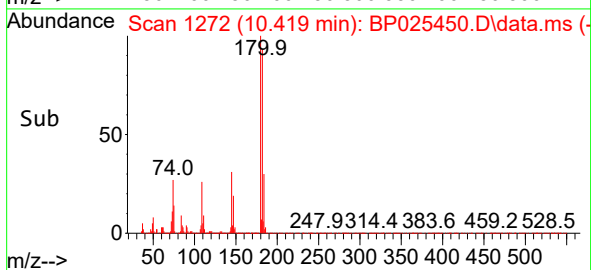
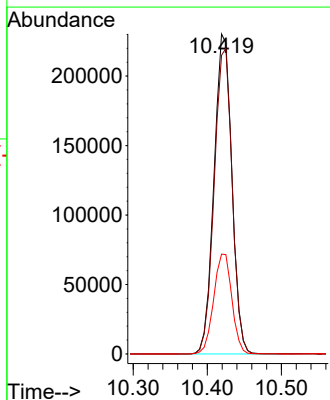
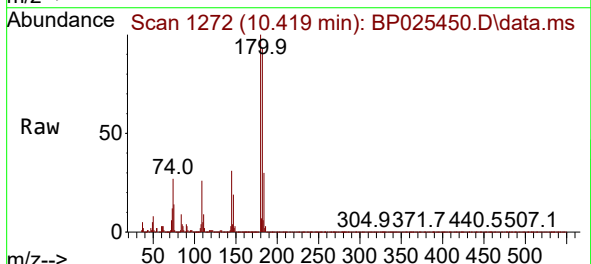
Manual Integrations
APPROVED

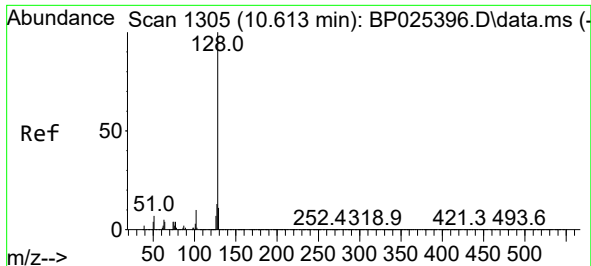
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#30
1,2,4-Trichlorobenzene
Concen: 36.265 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

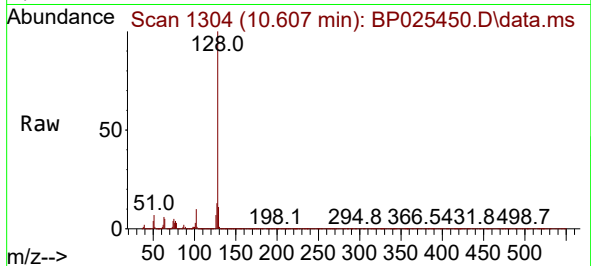
Tgt Ion:180 Resp: 385424
Ion Ratio Lower Upper
180 100
182 93.4 78.0 117.0
145 31.2 25.9 38.9





#31
Naphthalene
Concen: 38.281 ng
RT: 10.607 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

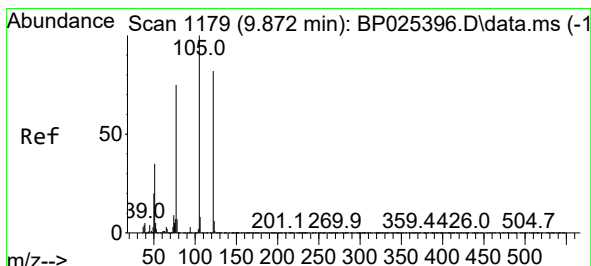
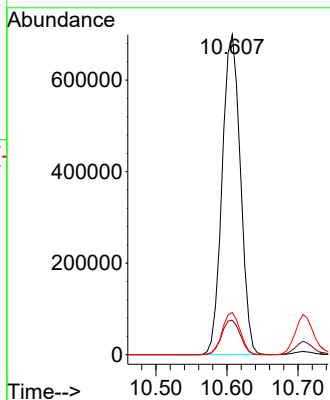
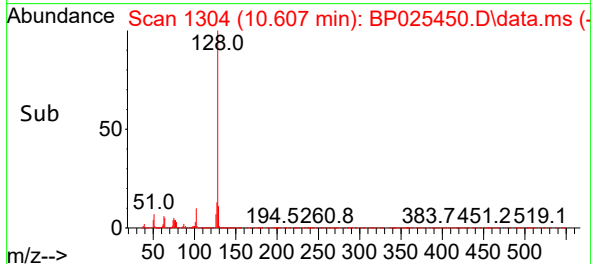
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



Tgt Ion:128 Resp: 1245344
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.7 16.1

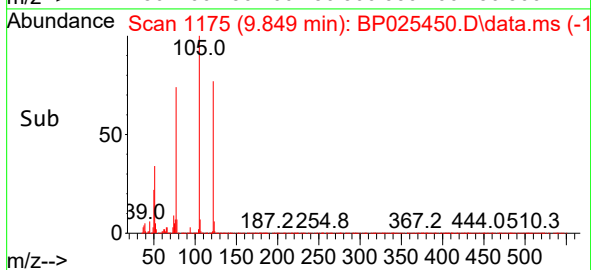
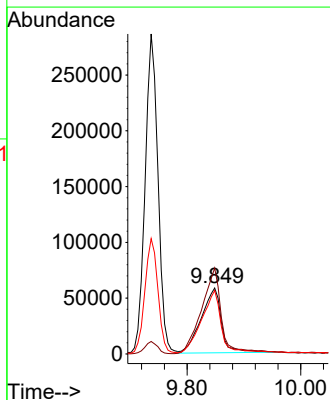
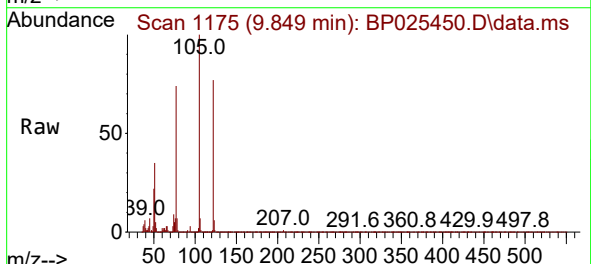
Manual Integrations
APPROVED

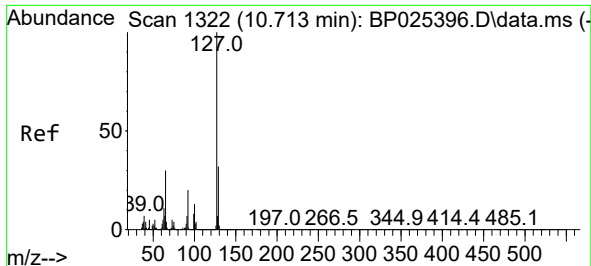
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#32
Benzoic acid
Concen: 19.917 ng
RT: 9.849 min Scan# 1175
Delta R.T. -0.023 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

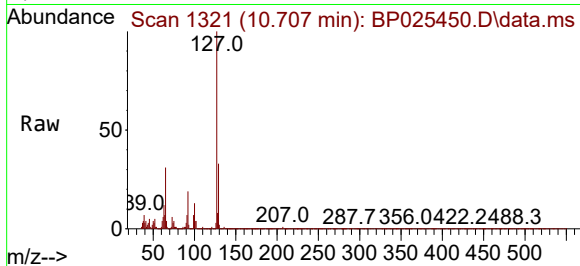
Tgt Ion:122 Resp: 143510
Ion Ratio Lower Upper
122 100
105 130.2 100.6 140.6
77 96.2 71.5 111.5





#33
4-Chloroaniline
Concen: 11.378 ng
RT: 10.707 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

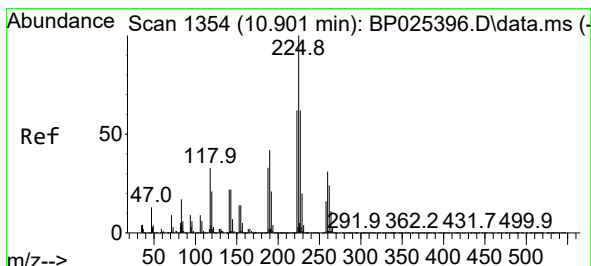
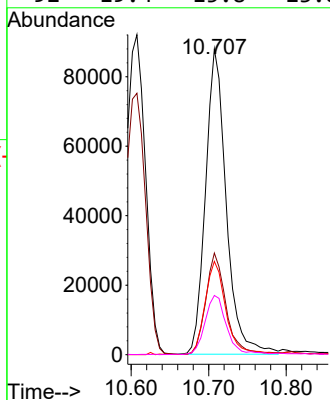
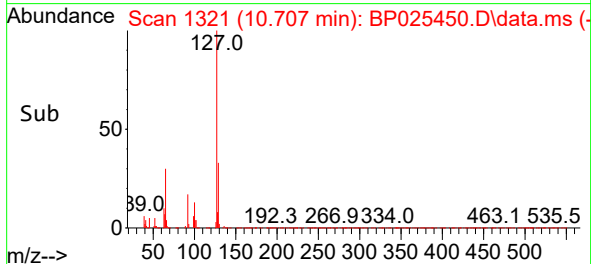
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.4	38.2
65	30.5	23.8	35.6
92	19.4	15.8	23.8

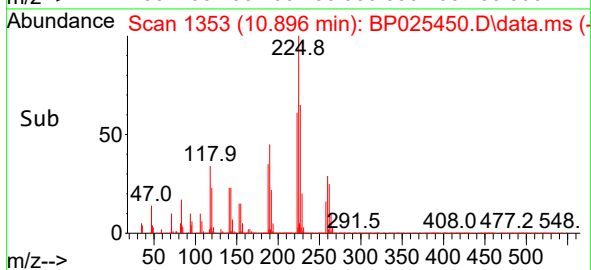
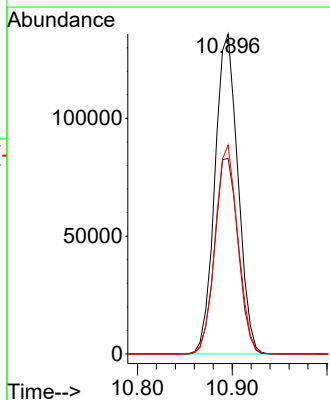
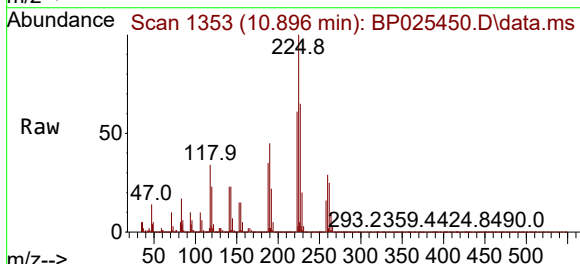
Manual Integrations
APPROVED

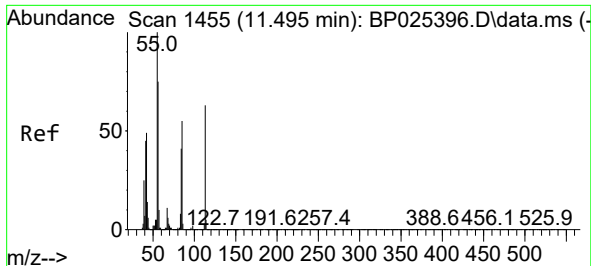
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#34
Hexachlorobutadiene
Concen: 34.625 ng
RT: 10.896 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

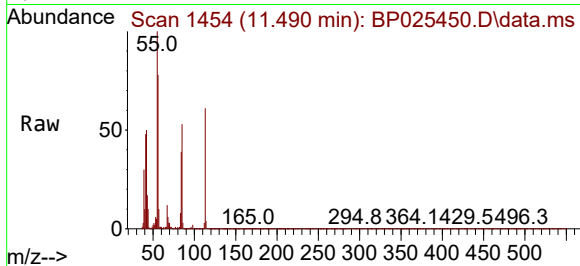
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.0	75.0
227	65.3	49.7	74.5





#35
Caprolactam
Concen: 42.792 ng m
RT: 11.490 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

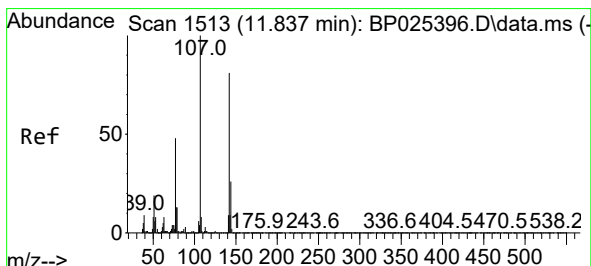
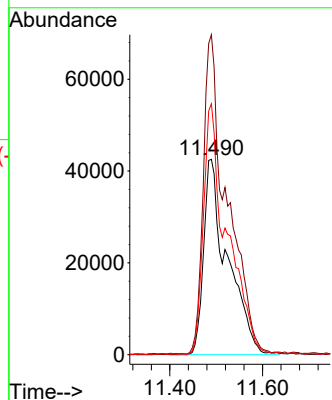
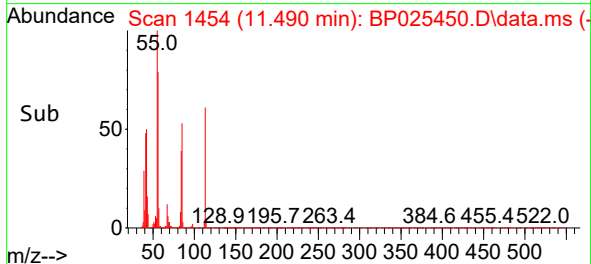
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



Tgt Ion:113 Resp: 152124
Ion Ratio Lower Upper
113 100
55 163.8 140.0 180.0
56 128.4 100.0 140.0

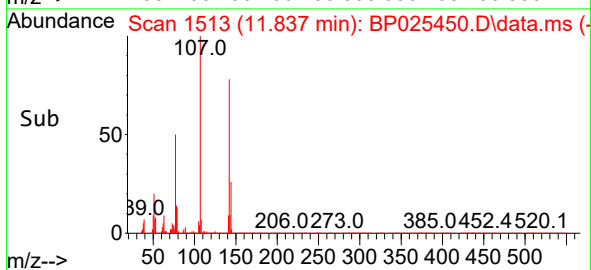
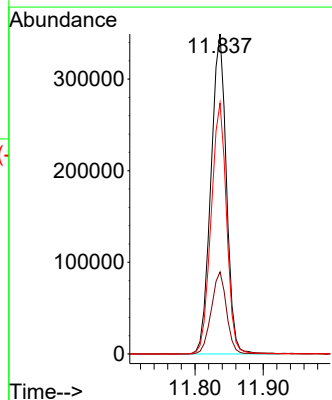
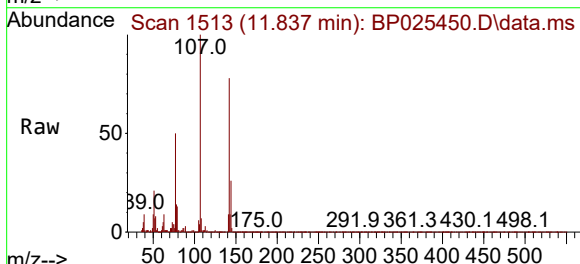
Manual Integrations
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Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#36
4-Chloro-3-methylphenol
Concen: 49.683 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

Tgt Ion:107 Resp: 552710
Ion Ratio Lower Upper
107 100
144 25.6 21.0 31.4
142 78.4 64.6 97.0





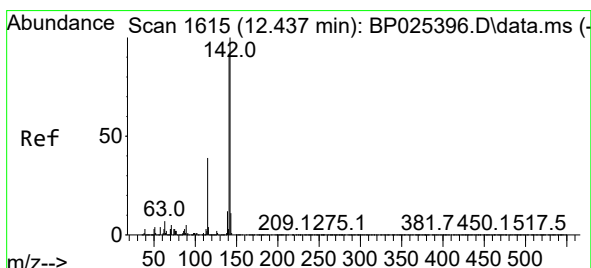
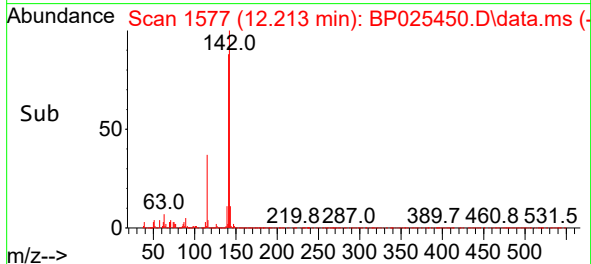
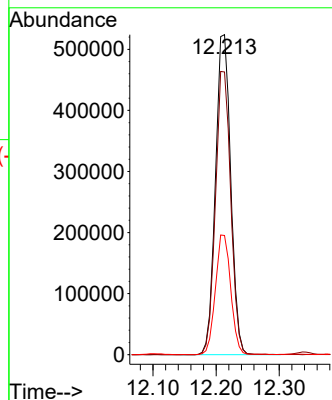
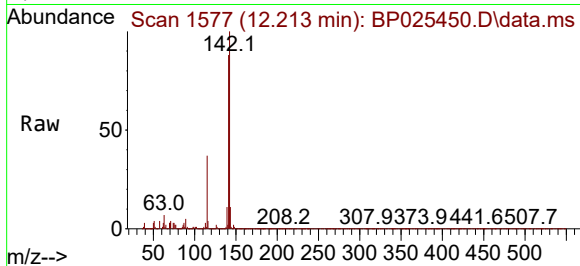
#37
2-Methylnaphthalene
Concen: 41.550 ng
RT: 12.213 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

Instrument :
BNA_P
ClientSampleId :
TG-S01MSD

Tgt Ion:142 Resp: 879639
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5
115 37.3 28.9 43.3

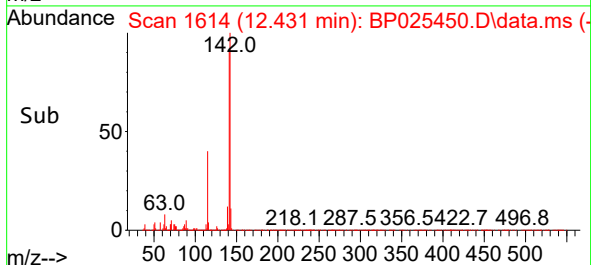
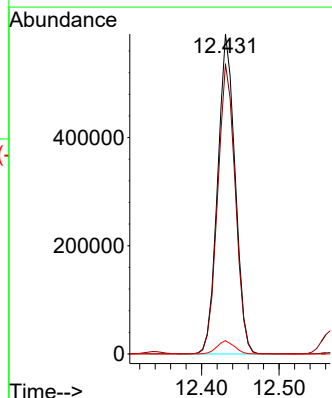
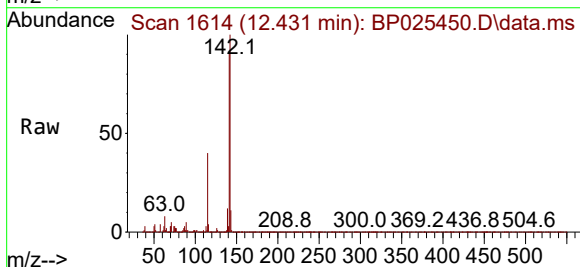
Manual Integrations
APPROVED

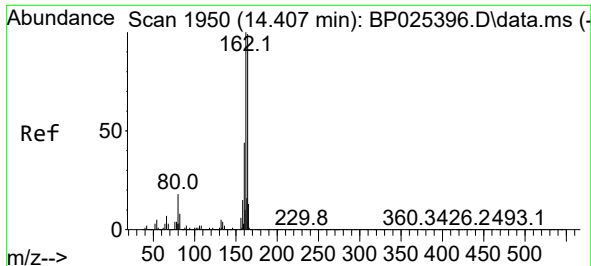
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#38
1-Methylnaphthalene
Concen: 41.140 ng
RT: 12.431 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

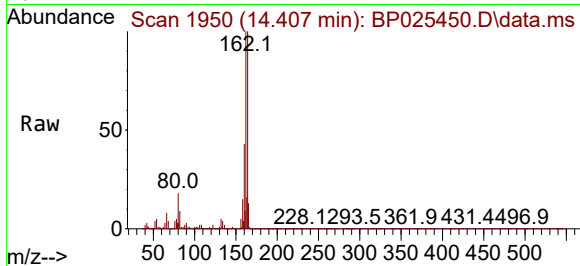
Tgt Ion:142 Resp: 926237
Ion Ratio Lower Upper
142 100
141 90.7 73.1 109.7
116 4.2 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

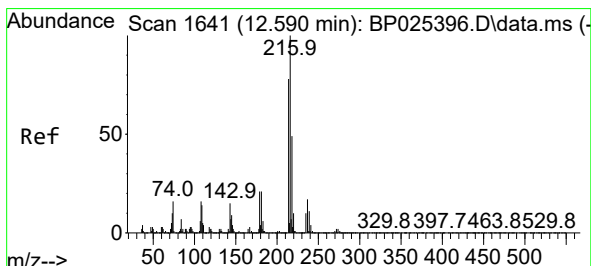
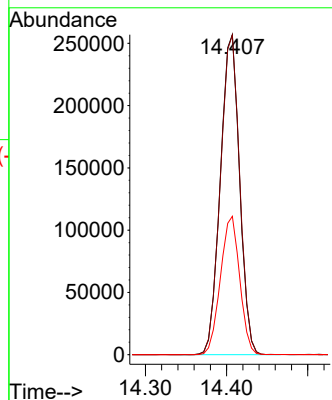
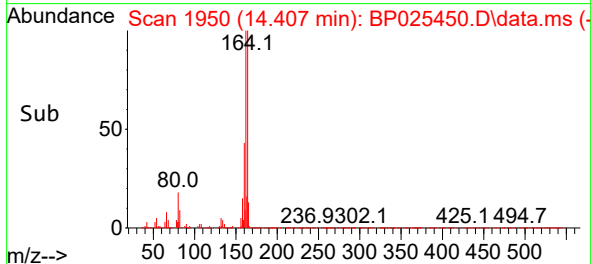
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



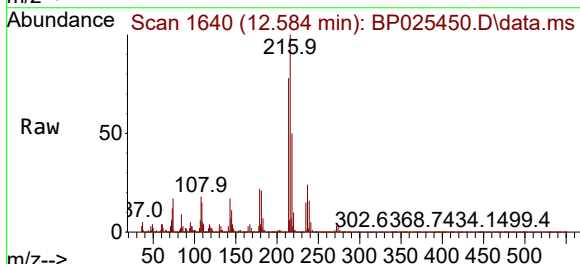
Tgt Ion:164 Resp: 422650
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.6
160 43.3 35.4 53.2

Manual Integrations
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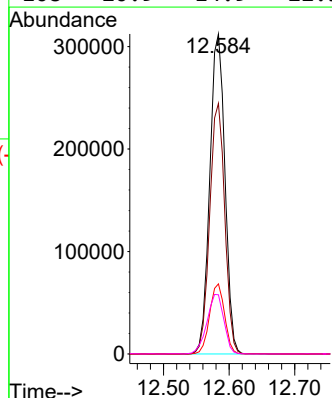
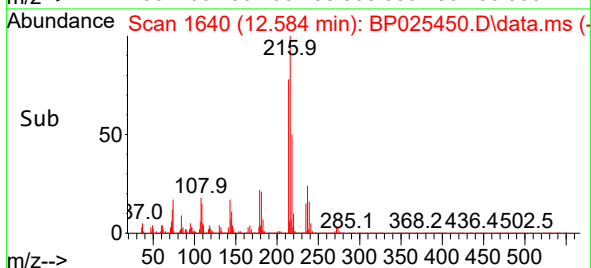
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.162 ng
RT: 12.584 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07



Tgt Ion:216 Resp: 502447
Ion Ratio Lower Upper
216 100
214 77.9 63.0 94.4
179 21.6 17.1 25.7
108 20.9 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 67.868 ng

RT: 12.566 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Instrument :

BNA_P

ClientSampleId :

TG-S01MSD

Tgt Ion:237 Resp: 500410

Ion Ratio Lower Upper

237 100

235 63.3 42.7 82.7

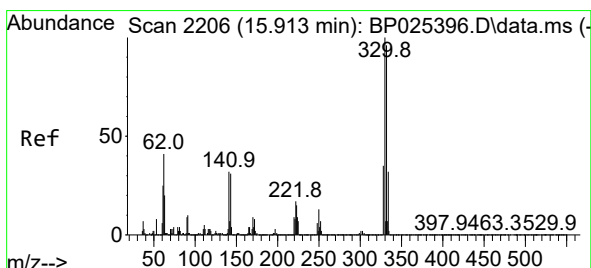
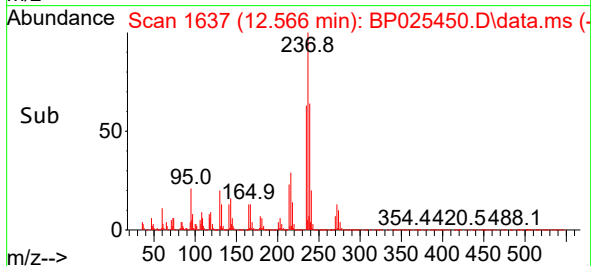
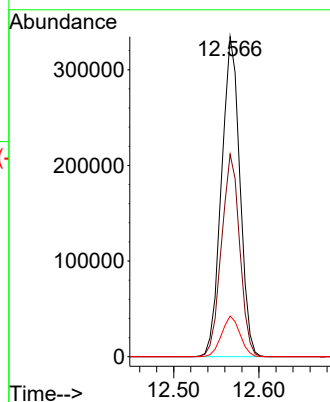
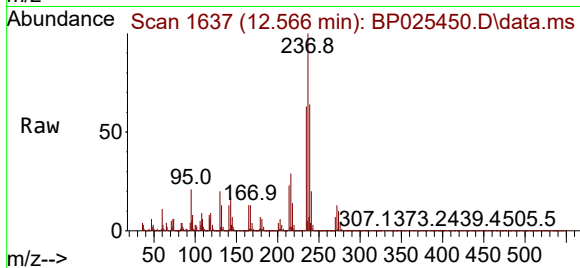
272 12.7 0.0 34.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#42

2,4,6-Tribromophenol

Concen: 132.109 ng

RT: 15.913 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

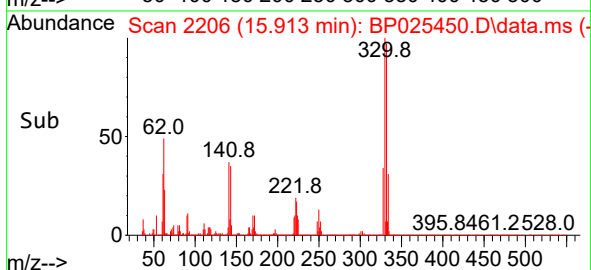
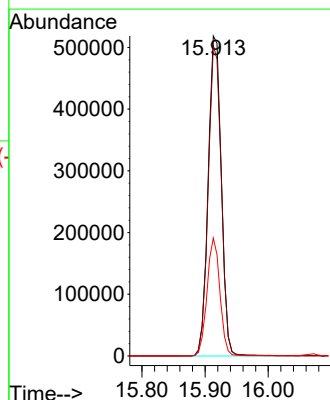
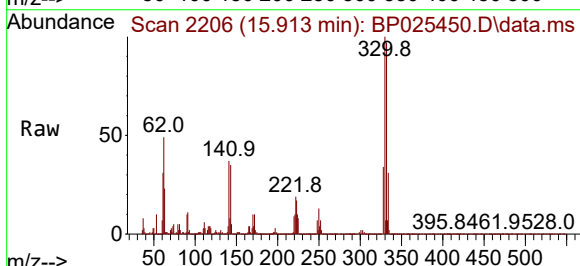
Tgt Ion:330 Resp: 751556

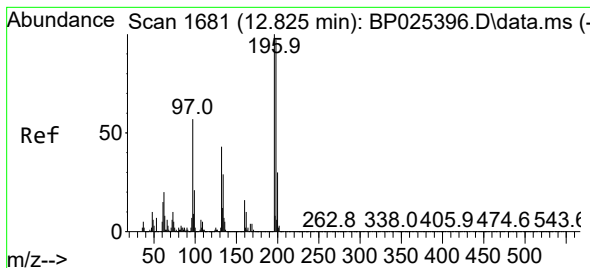
Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

141 36.1 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 47.889 ng

RT: 12.819 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Instrument :

BNA_P

ClientSampleId :

TG-S01MSD

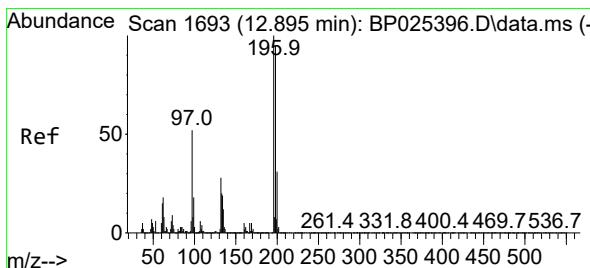
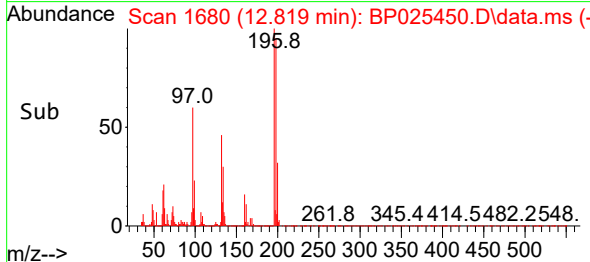
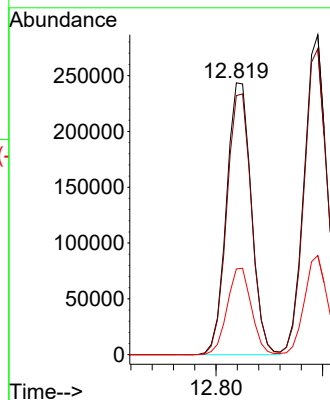
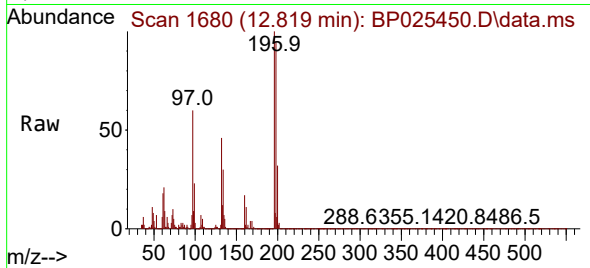
Tgt Ion:196	Resp: 39464
Ion Ratio	Lower Upper
196	100
198	95.3 77.2 115.8
200	31.5 23.9 35.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#44

2,4,5-Trichlorophenol

Concen: 48.080 ng

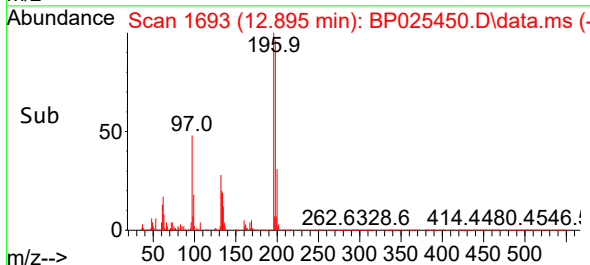
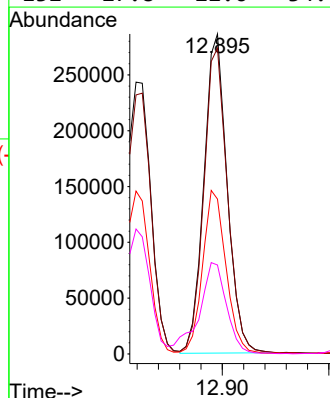
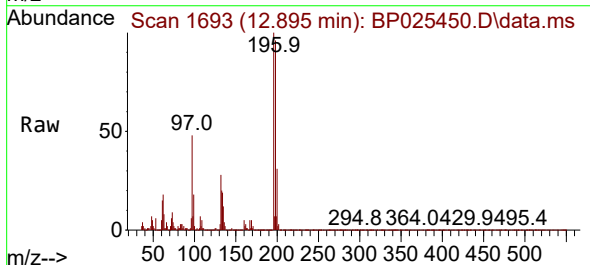
RT: 12.895 min Scan# 1693

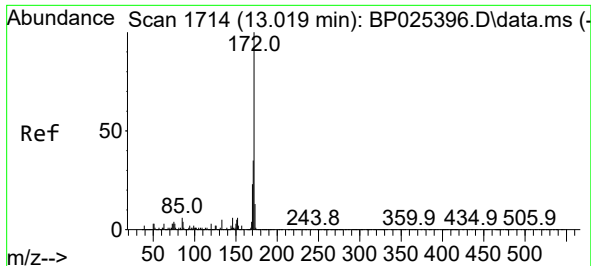
Delta R.T. 0.000 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

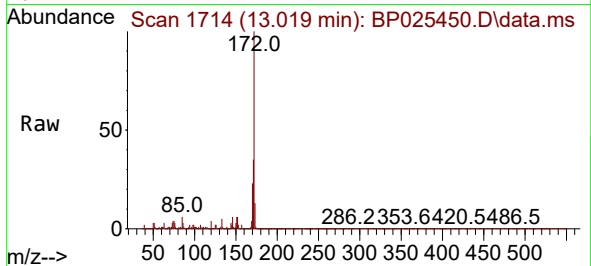
Tgt Ion:196	Resp: 434241
Ion Ratio	Lower Upper
196	100
198	95.6 76.2 114.2
97	48.4 41.2 61.8
132	27.8 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 74.854 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

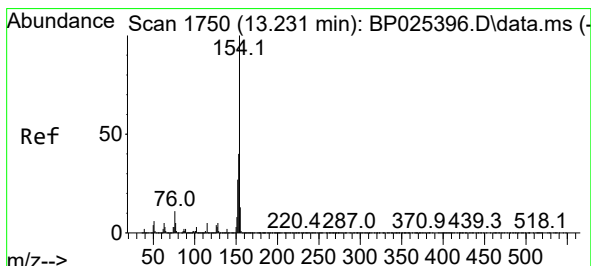
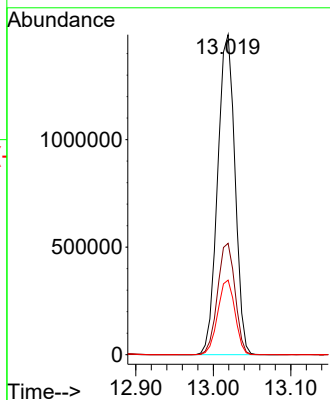
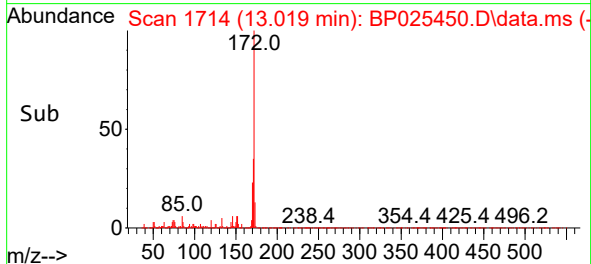
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



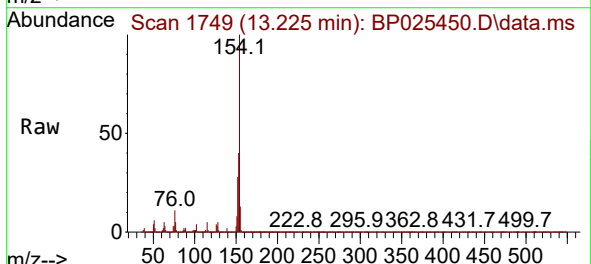
Tgt Ion:172 Resp: 2314862
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.3 18.6 28.0

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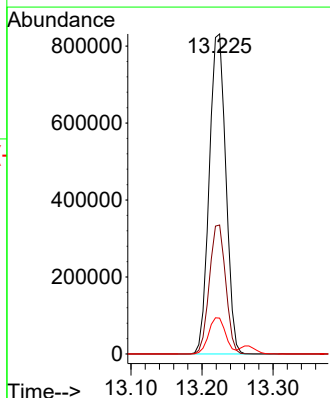
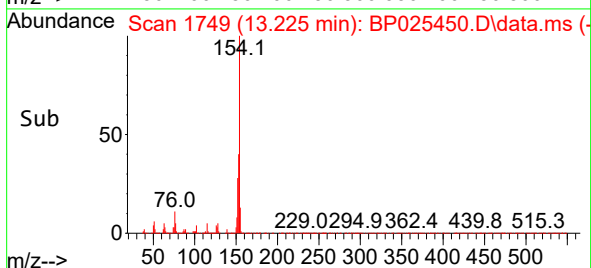
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

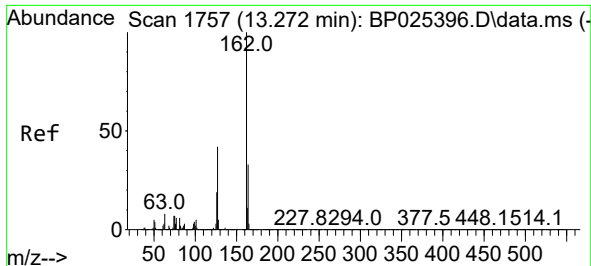


#46
1,1'-Biphenyl
Concen: 43.814 ng
RT: 13.225 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07



Tgt Ion:154 Resp: 1344882
Ion Ratio Lower Upper
154 100
153 40.3 19.5 59.5
76 11.2 0.0 31.1





#47

2-Chloronaphthalene

Concen: 42.838 ng

RT: 13.266 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Instrument :

BNA_P

ClientSampleId :

TG-S01MSD

Tgt Ion:162 Resp: 102366

Ion Ratio Lower Upper

162 100

127 41.1 33.4 50.2

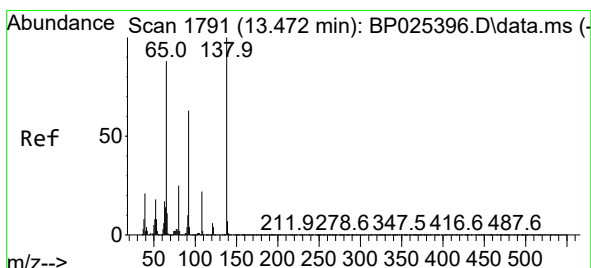
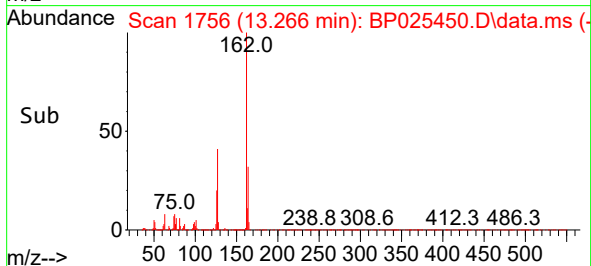
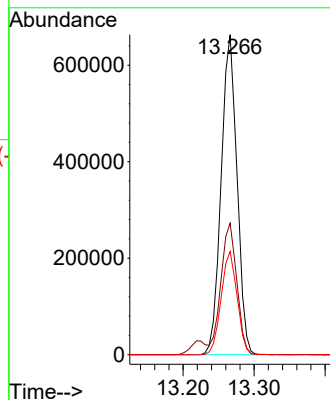
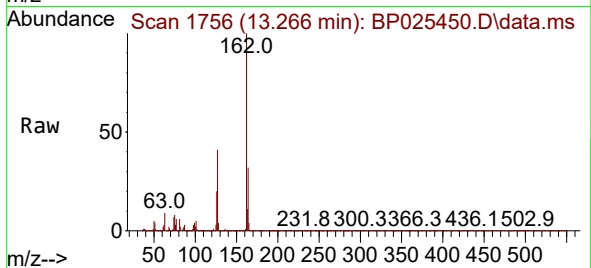
164 32.2 26.2 39.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#48

2-Nitroaniline

Concen: 51.733 ng

RT: 13.466 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

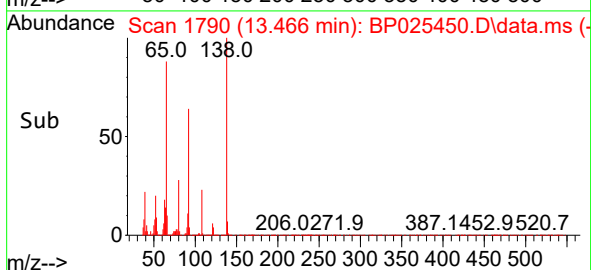
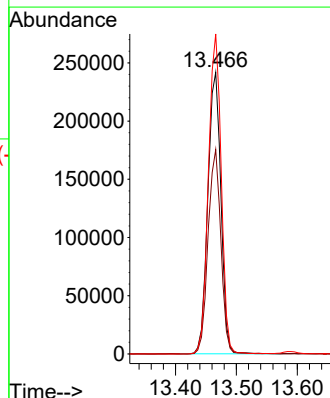
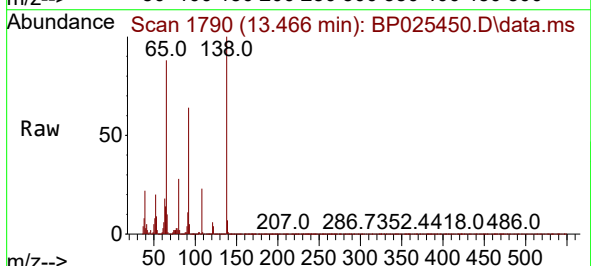
Tgt Ion: 65 Resp: 360205

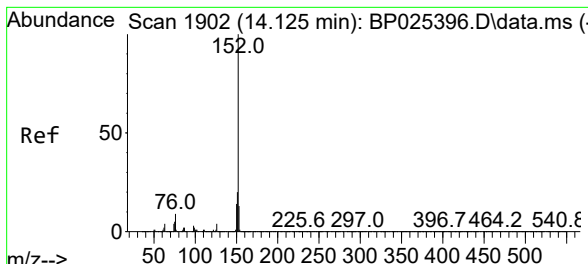
Ion Ratio Lower Upper

65 100

92 72.5 57.6 86.4

138 113.6 91.0 136.6





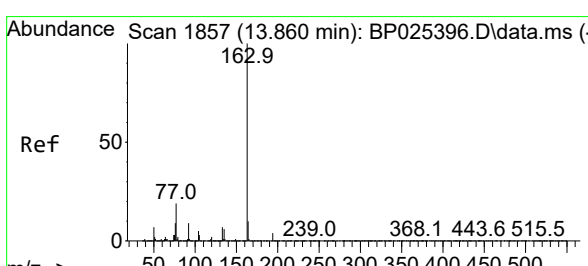
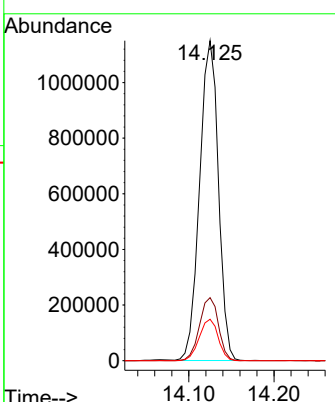
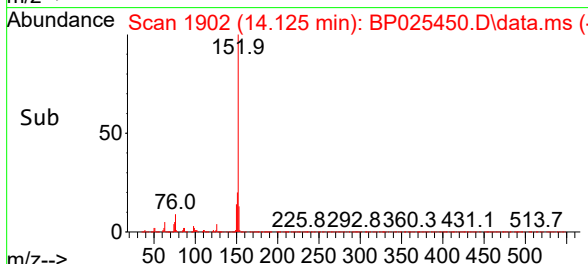
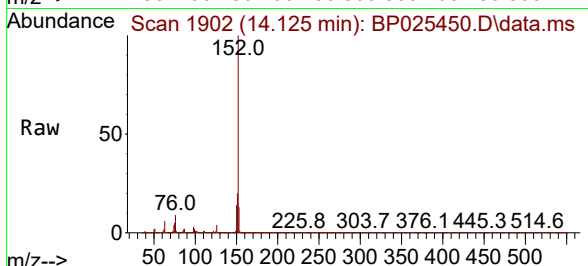
#49
 Acenaphthylene
 Concen: 44.582 ng
 RT: 14.125 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: BP025450.D
 Acq: 16 Aug 2025 08:07

Instrument : BNA_P
 ClientSampleId : TG-S01MSD

Tgt Ion:152 Resp: 1762818

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.0	10.6	15.8

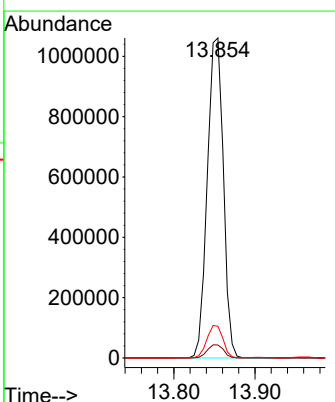
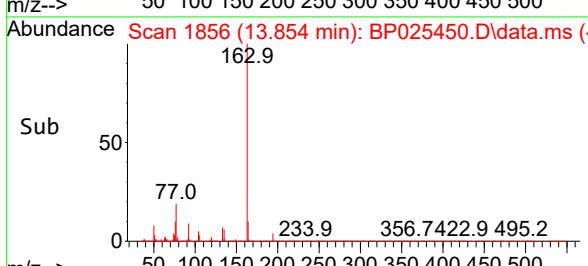
Manual Integrations
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 Reviewed By :Rahul Chavli 08/18/2025
 Supervised By :Jagrut Upadhyay 08/18/2025

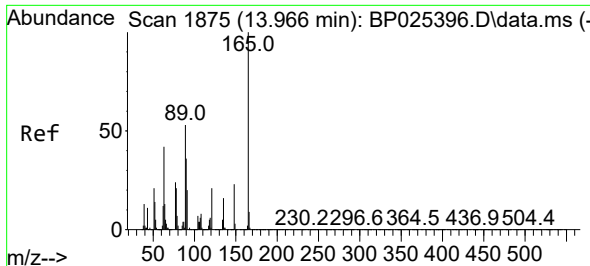


#50
 Dimethylphthalate
 Concen: 46.974 ng
 RT: 13.854 min Scan# 1856
 Delta R.T. -0.006 min
 Lab File: BP025450.D
 Acq: 16 Aug 2025 08:07

Tgt Ion:163 Resp: 1453848

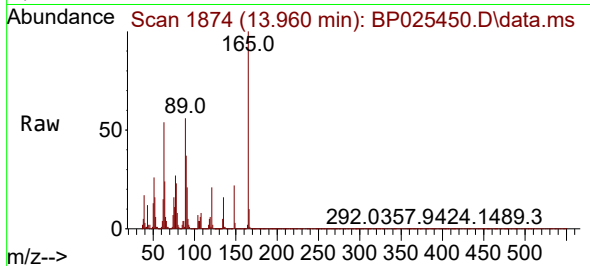
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.9	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 49.742 ng
RT: 13.960 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

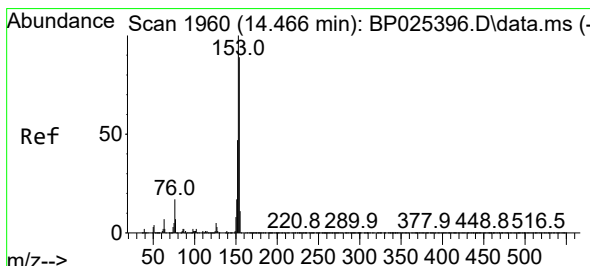
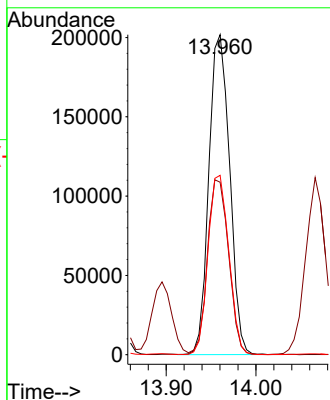
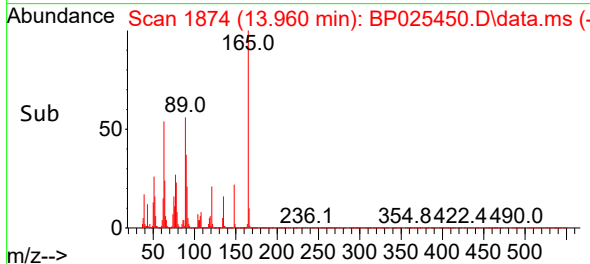
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



Tgt Ion:165 Resp: 324485
Ion Ratio Lower Upper
165 100
63 53.9 40.9 61.3
89 56.0 42.1 63.1

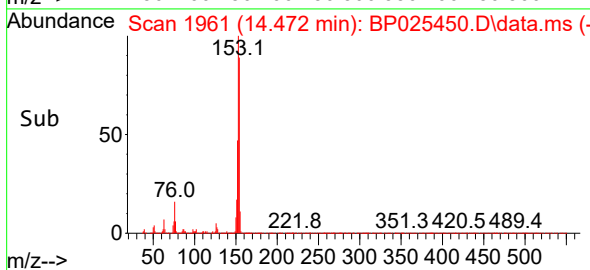
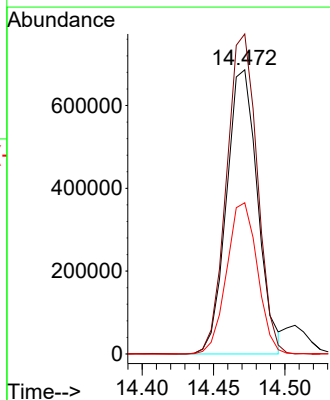
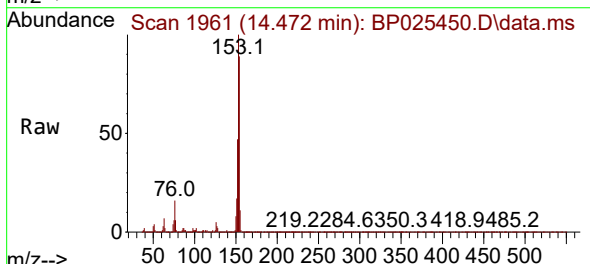
Manual Integrations
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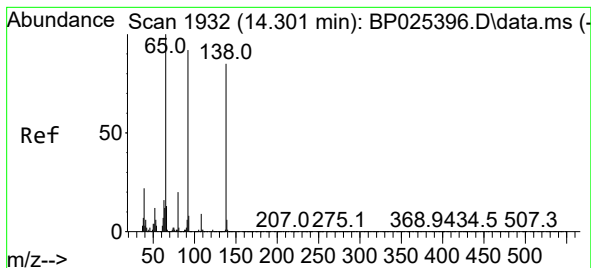
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#52
Acenaphthene
Concen: 44.812 ng m
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

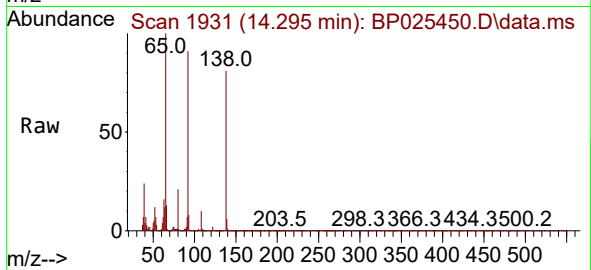
Tgt Ion:154 Resp: 1040070
Ion Ratio Lower Upper
154 100
153 112.6 90.2 135.2
152 53.2 42.1 63.1





#53
3-Nitroaniline
Concen: 29.847 ng
RT: 14.295 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

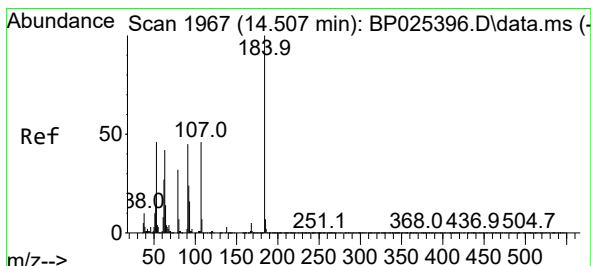
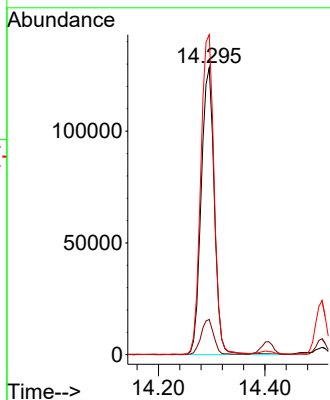
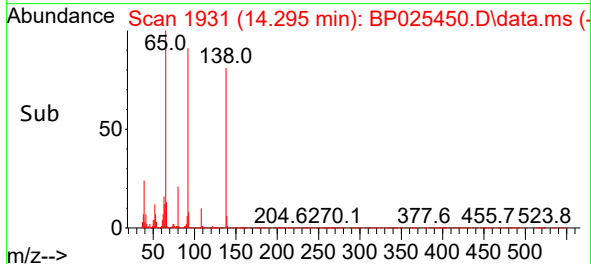
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



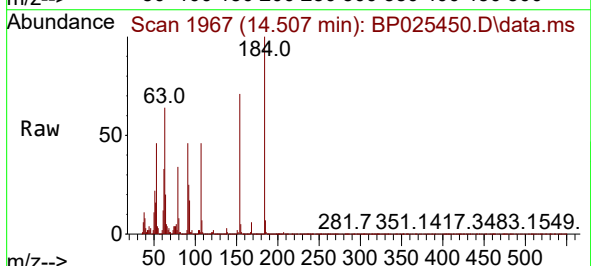
Tgt Ion:138 Resp: 219062
Ion Ratio Lower Upper
138 100
108 12.3 8.3 12.5
92 111.5 86.2 129.2

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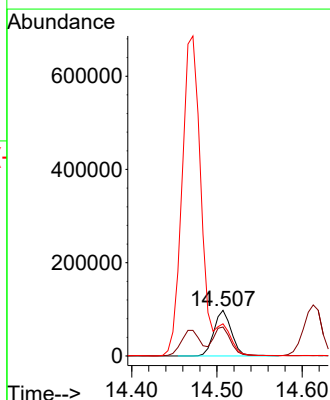
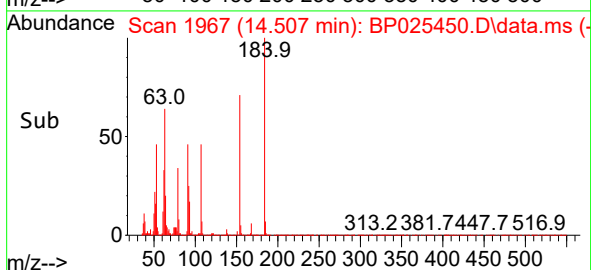
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

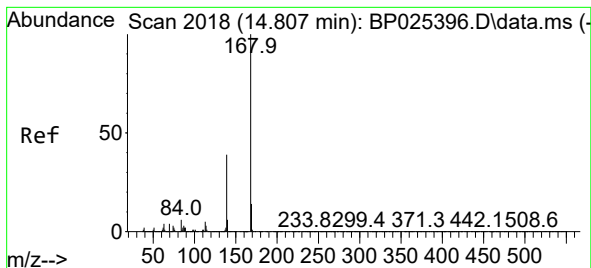


#54
2,4-Dinitrophenol
Concen: 40.229 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07



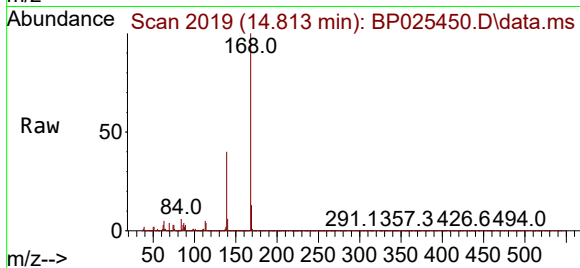
Tgt Ion:184 Resp: 140145
Ion Ratio Lower Upper
184 100
63 63.7 49.4 74.2
154 70.6 54.6 82.0





#55
Dibenzenofuran
Concen: 45.165 ng
RT: 14.813 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

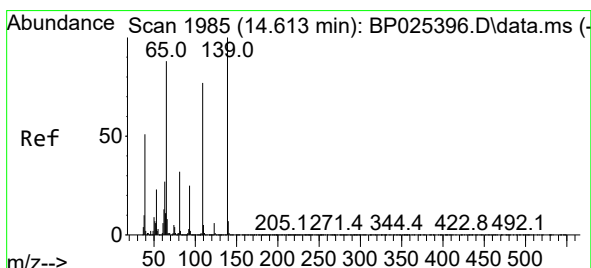
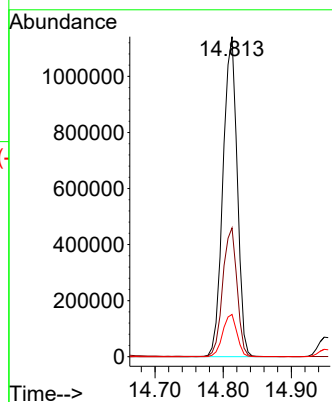
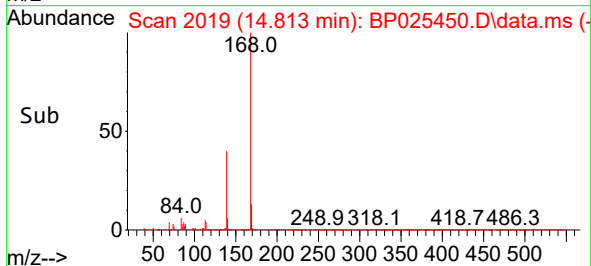
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



Tgt Ion:168 Resp: 1657330
Ion Ratio Lower Upper
168 100
139 40.3 31.5 47.3
169 13.2 10.9 16.3

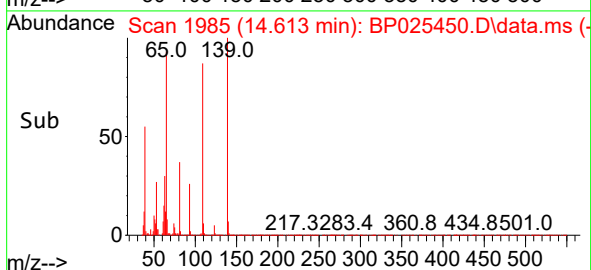
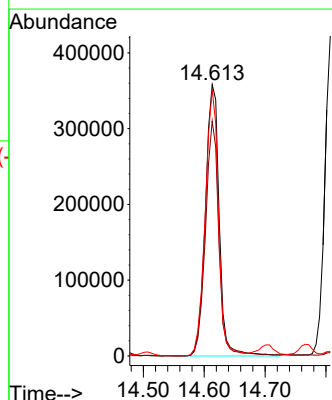
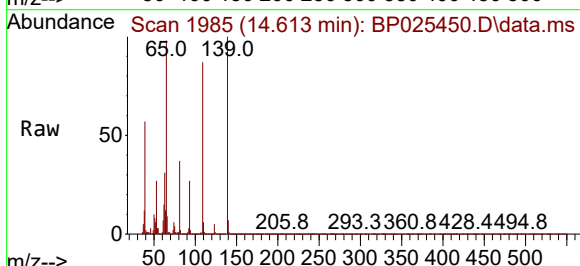
Manual Integrations
APPROVED

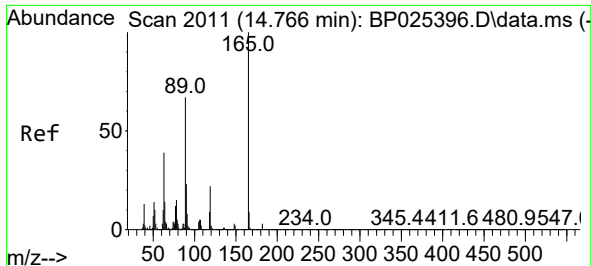
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#56
4-Nitrophenol
Concen: 93.784 ng
RT: 14.613 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

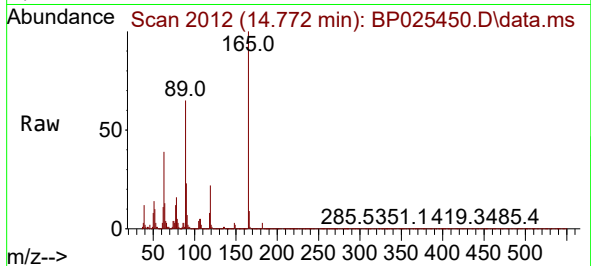
Tgt Ion:139 Resp: 565622
Ion Ratio Lower Upper
139 100
109 86.5 56.6 96.6
65 98.2 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 51.486 ng
RT: 14.772 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

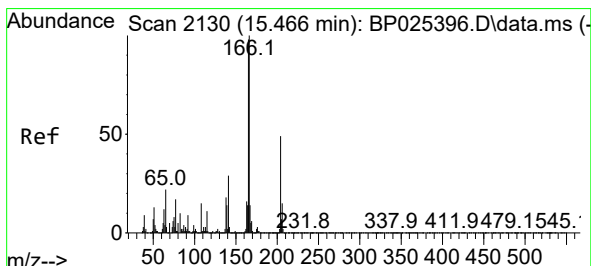
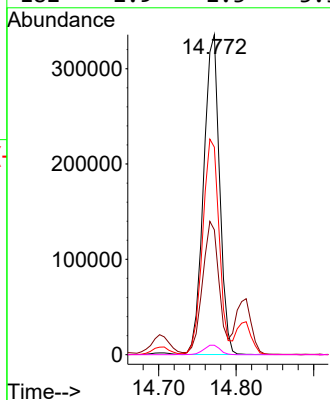
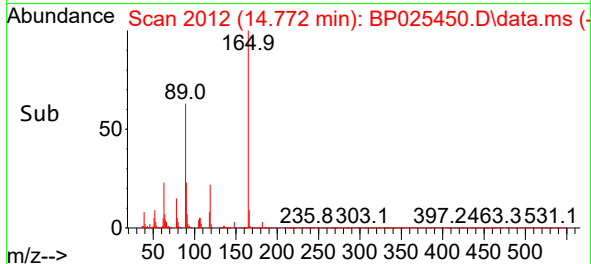
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



Tgt Ion:165 Resp: 47919
Ion Ratio Lower Upper
165 100
63 39.0 31.4 47.2
89 64.8 53.3 79.9
182 2.9 2.3 3.5

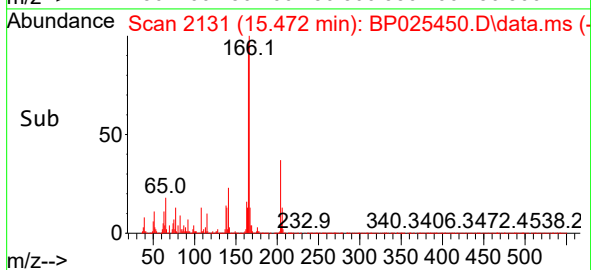
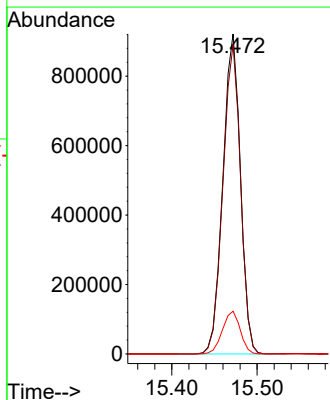
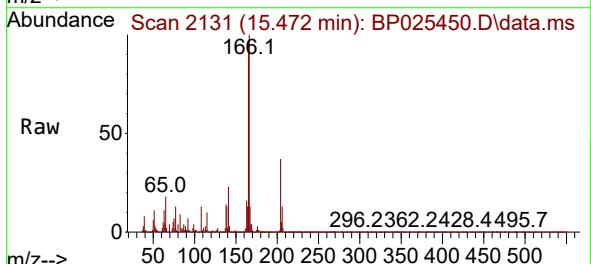
Manual Integrations
APPROVED

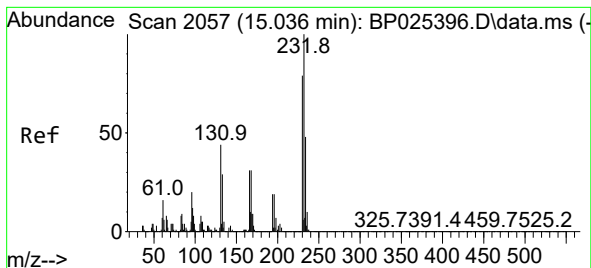
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#58
Fluorene
Concen: 45.512 ng
RT: 15.472 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

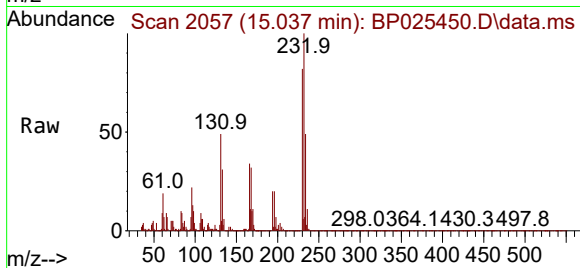
Tgt Ion:166 Resp: 1317796
Ion Ratio Lower Upper
166 100
165 96.7 78.8 118.2
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.814 ng
RT: 15.037 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

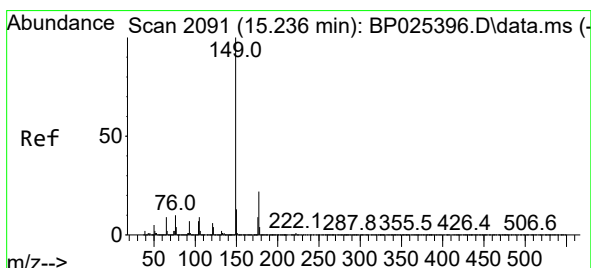
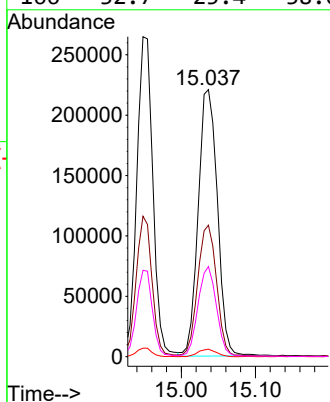
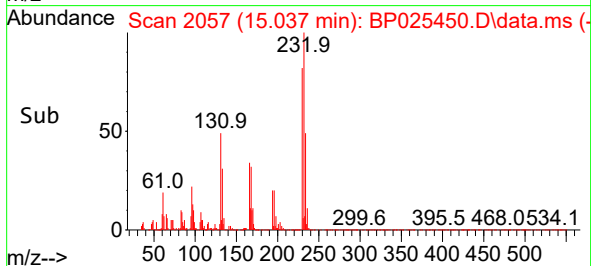
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



Tgt Ion:232 Resp: 397250
Ion Ratio Lower Upper
232 100
131 48.8 37.0 55.6
130 2.8 1.9 2.9
166 32.7 25.4 38.0

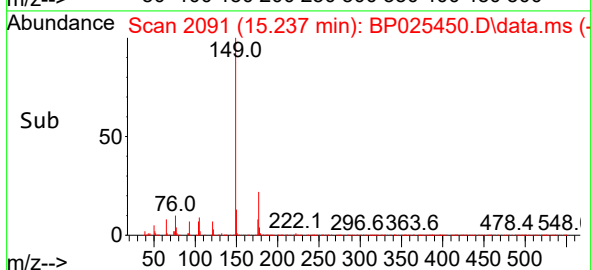
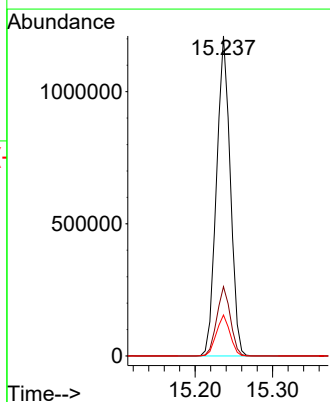
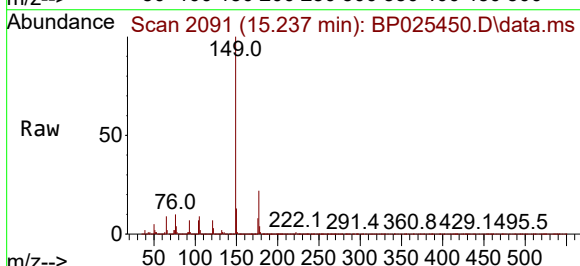
Manual Integrations
APPROVED

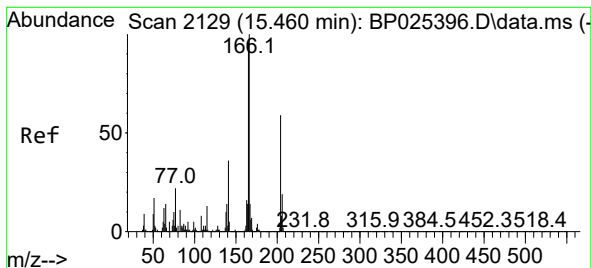
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#60
Diethylphthalate
Concen: 47.420 ng
RT: 15.237 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

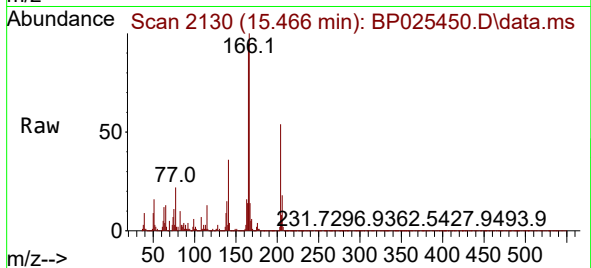
Tgt Ion:149 Resp: 1491282
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 12.8 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 44.365 ng
RT: 15.466 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

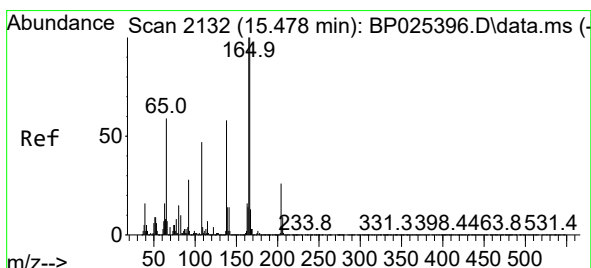
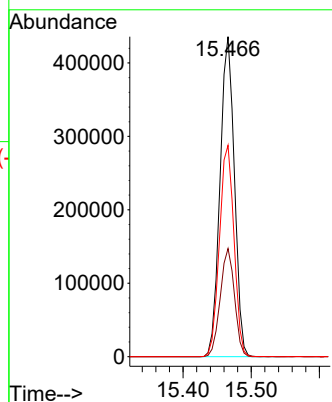
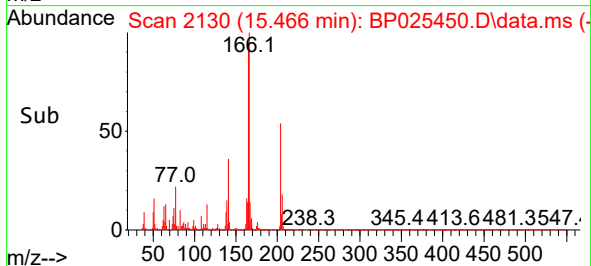
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



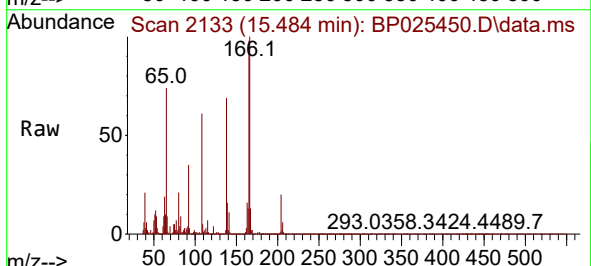
Tgt Ion:204 Resp: 638860
Ion Ratio Lower Upper
204 100
206 33.8 25.8 38.8
141 66.1 49.4 74.2

Manual Integrations
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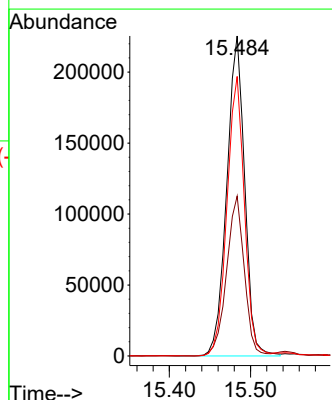
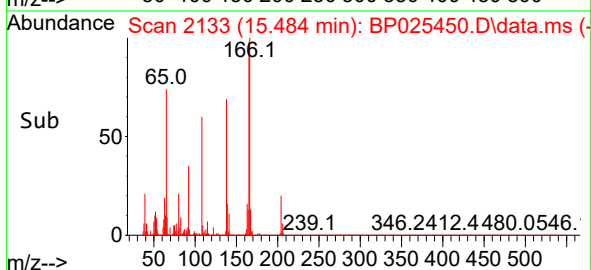
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

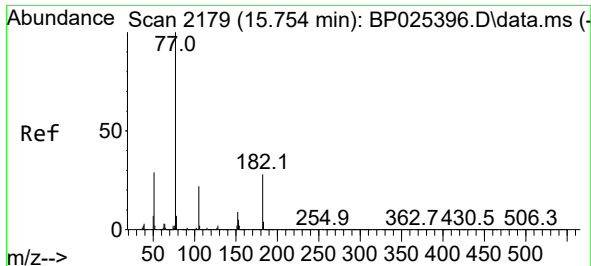


#62
4-Nitroaniline
Concen: 45.997 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07



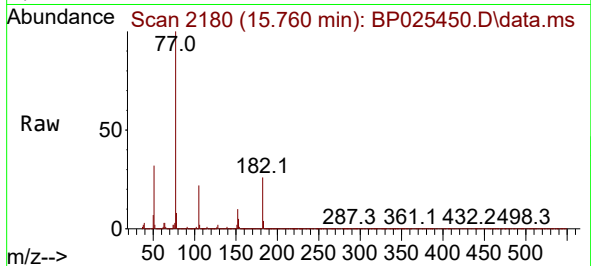
Tgt Ion:138 Resp: 346090
Ion Ratio Lower Upper
138 100
92 50.0 29.1 69.1
108 87.3 61.5 101.5





#63
Azobenzene
Concen: 49.773 ng
RT: 15.760 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

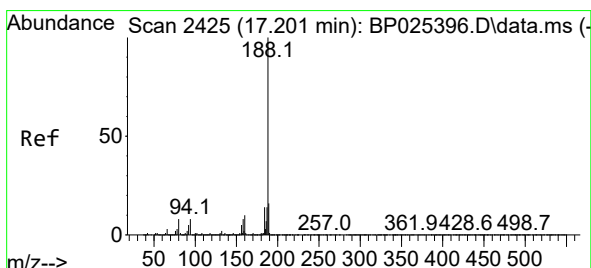
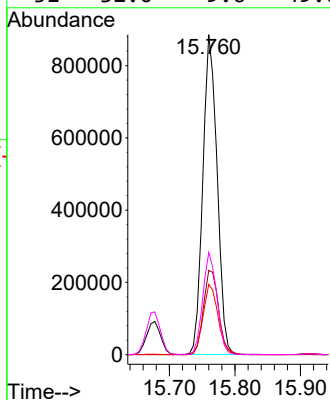
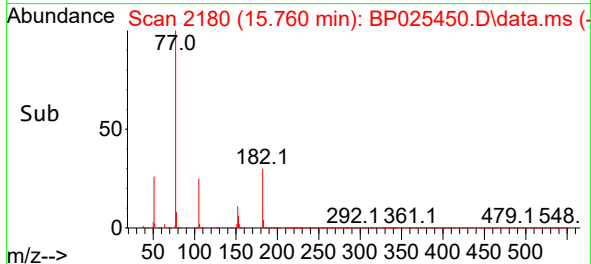
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



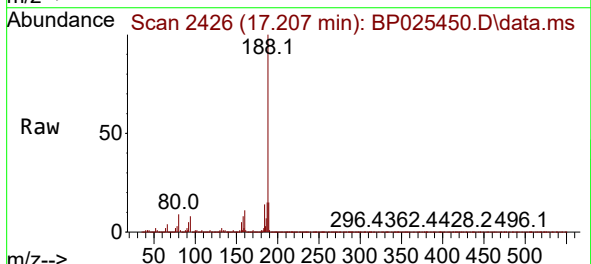
Tgt Ion: 77 Resp: 1340309
Ion Ratio Lower Upper
77 100
182 26.4 7.5 47.5
105 21.9 2.1 42.1
51 32.0 9.6 49.6

Manual Integrations
APPROVED

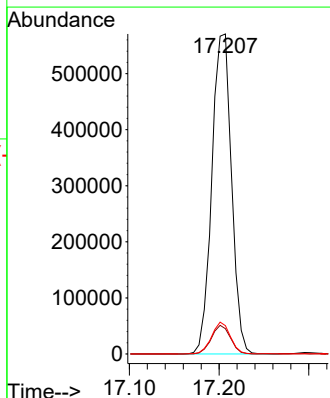
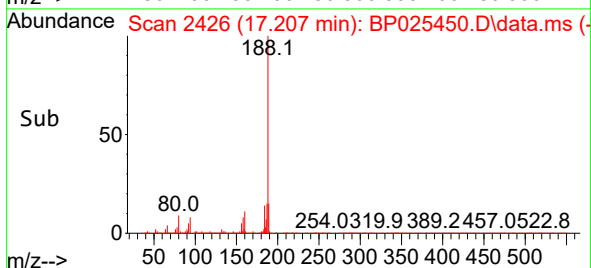
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

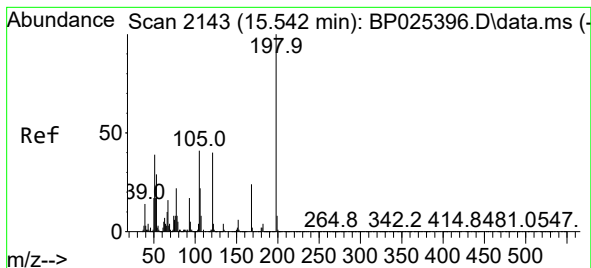


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07



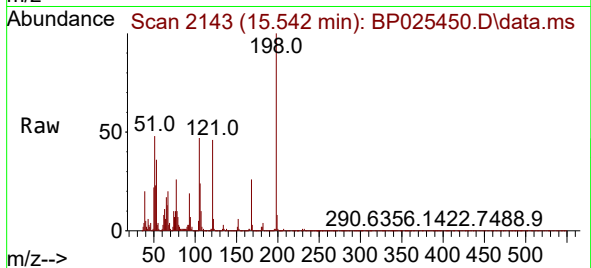
Tgt Ion:188 Resp: 867716
Ion Ratio Lower Upper
188 100
94 7.9 6.6 10.0
80 8.8 6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 28.109 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

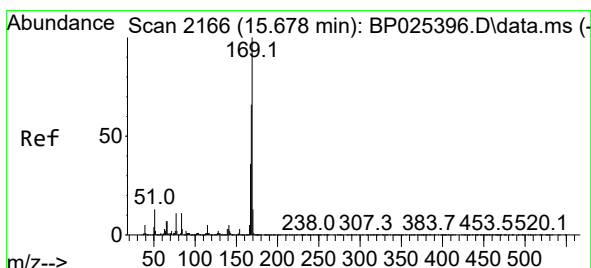
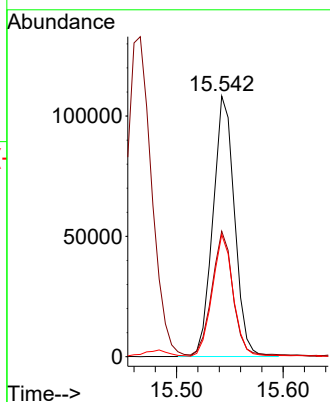
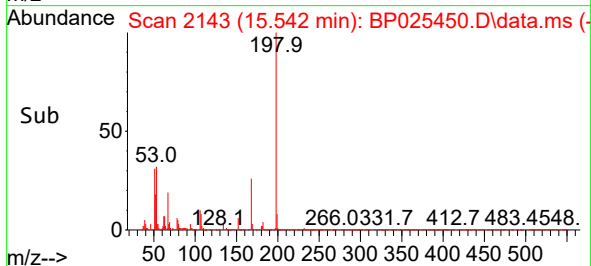
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



Tgt Ion:198 Resp: 152039
Ion Ratio Lower Upper
198 100
51 48.1 19.6 59.6
105 46.8 20.9 60.9

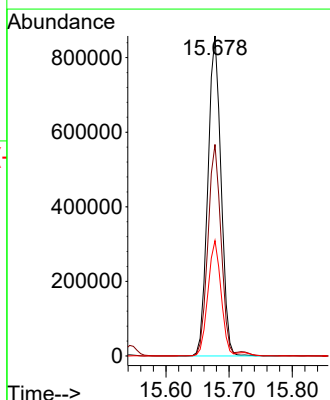
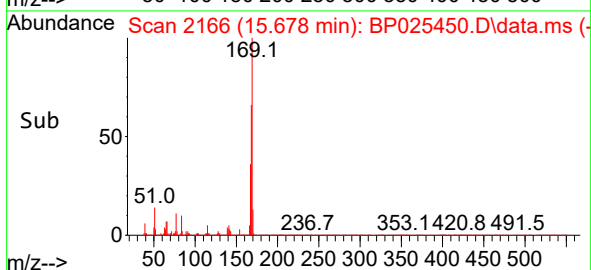
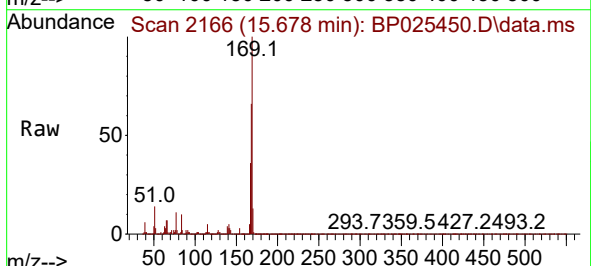
Manual Integrations
APPROVED

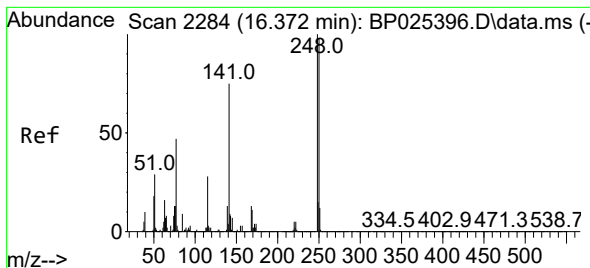
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#66
n-Nitrosodiphenylamine
Concen: 47.084 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

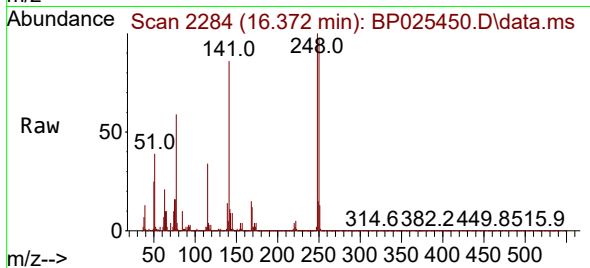
Tgt Ion:169 Resp: 1245853
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 36.1 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 45.550 ng
RT: 16.372 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

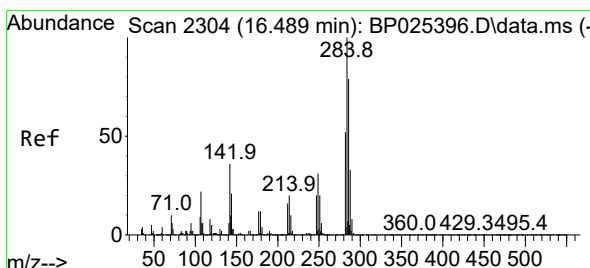
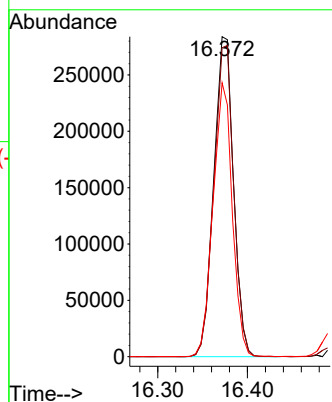
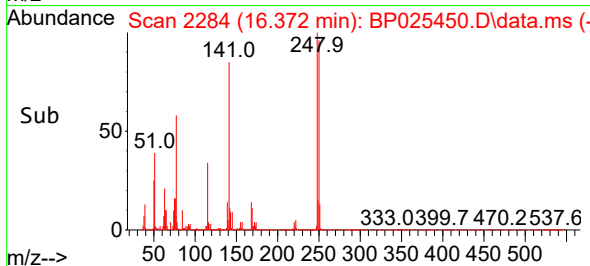
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



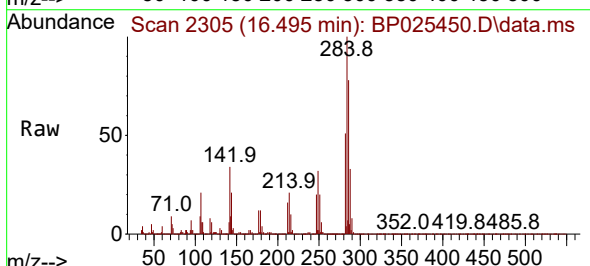
Tgt Ion:248 Resp: 43469
Ion Ratio Lower Upper
248 100
250 96.6 78.2 117.2
141 85.6 59.6 89.4

Manual Integrations
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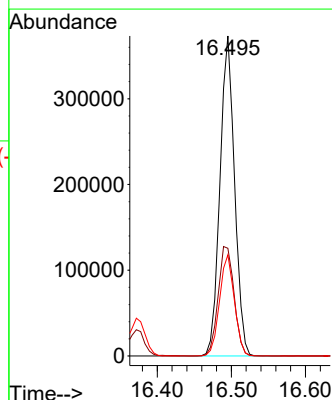
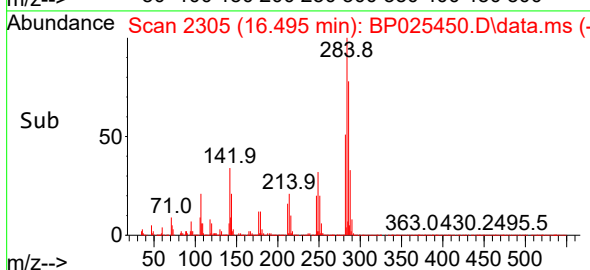
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

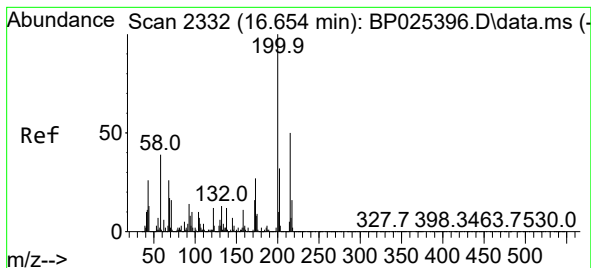


#68
Hexachlorobenzene
Concen: 46.197 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07



Tgt Ion:284 Resp: 511055
Ion Ratio Lower Upper
284 100
142 33.6 29.1 43.7
249 31.6 25.0 37.4





#69

Atrazine

Concen: 44.911 ng

RT: 16.654 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Instrument :

BNA_P

ClientSampleId :

TG-S01MSD

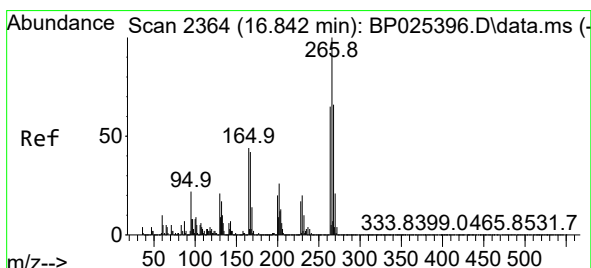
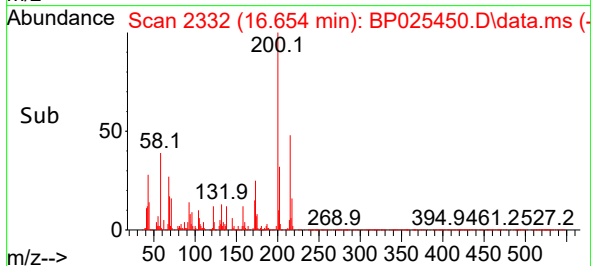
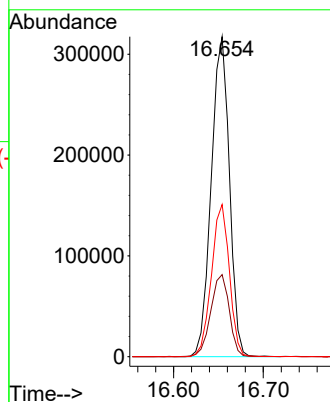
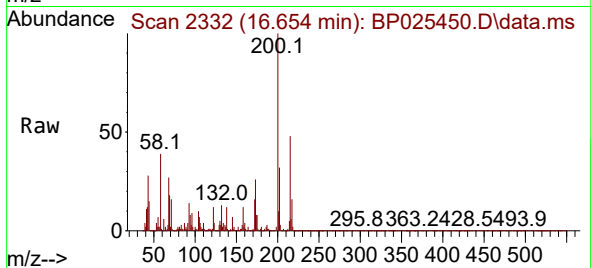
Tgt Ion:	200	Resp:	44504
Ion Ratio	Lower	Upper	
200	100		
173	25.7	6.7	46.7
215	47.5	29.7	69.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#70

Pentachlorophenol

Concen: 88.347 ng

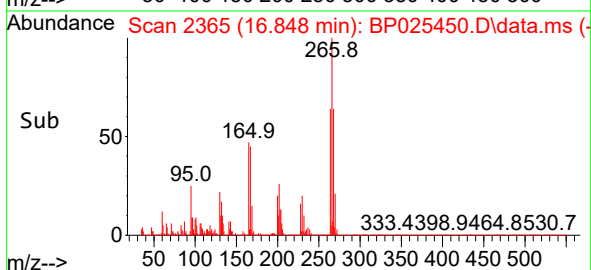
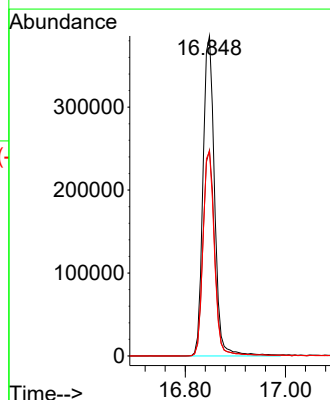
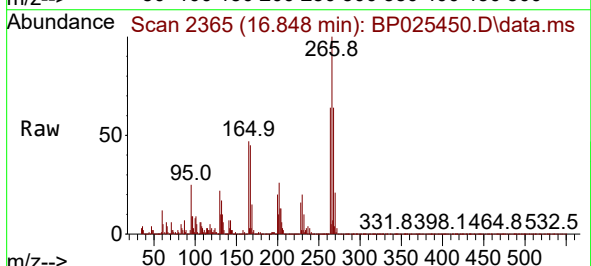
RT: 16.848 min Scan# 2365

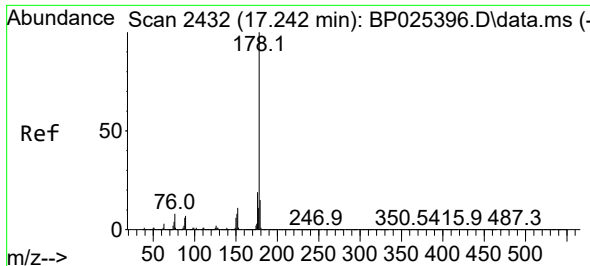
Delta R.T. 0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

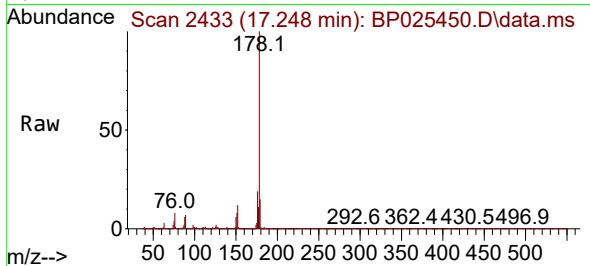
Tgt Ion:	266	Resp:	616953
Ion Ratio	Lower	Upper	
266	100		
268	64.3	52.6	79.0
264	64.0	52.0	78.0





#71
Phenanthrene
Concen: 47.082 ng
RT: 17.248 min Scan# 2432
Delta R.T. 0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

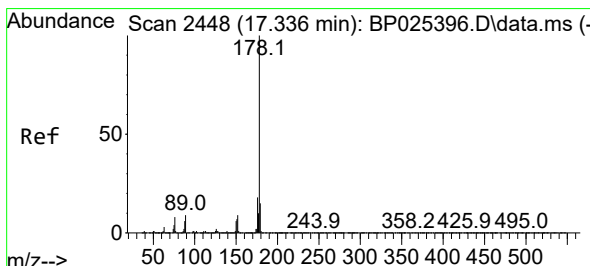
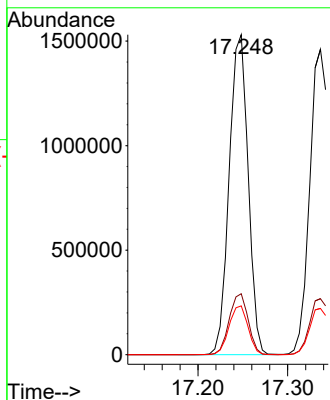
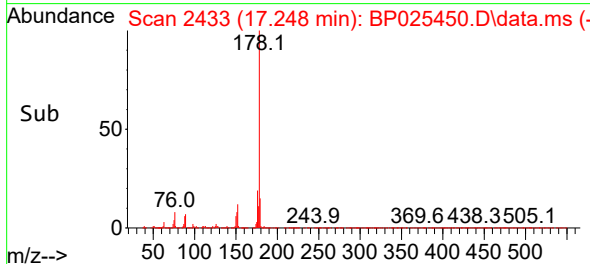
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



Tgt Ion:178 Resp: 224422
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.3 12.2 18.4

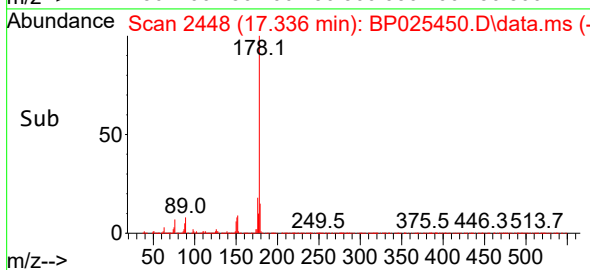
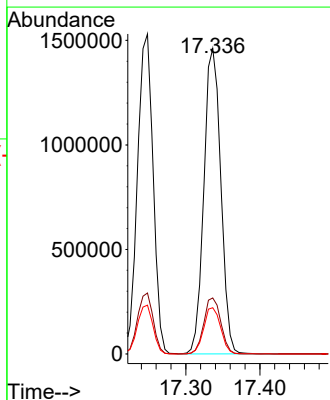
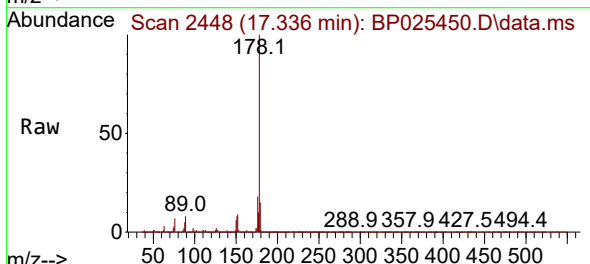
Manual Integrations
APPROVED

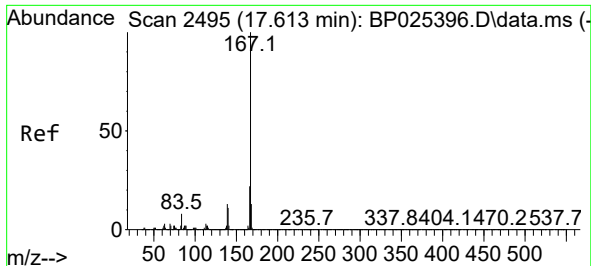
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#72
Anthracene
Concen: 47.569 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

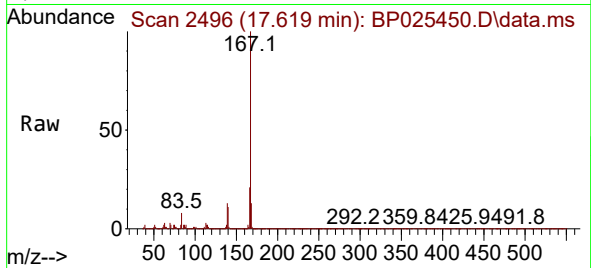
Tgt Ion:178 Resp: 2315498
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.2 12.2 18.2





#73
 Carbazole
 Concen: 48.178 ng
 RT: 17.619 min Scan# 2495
 Delta R.T. 0.006 min
 Lab File: BP025450.D
 Acq: 16 Aug 2025 08:07

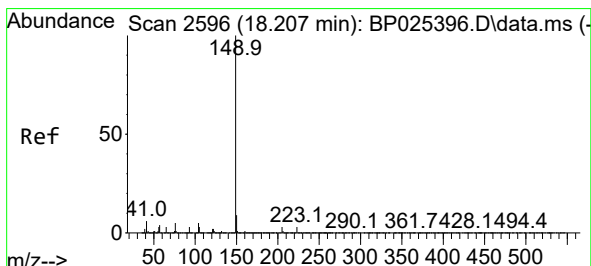
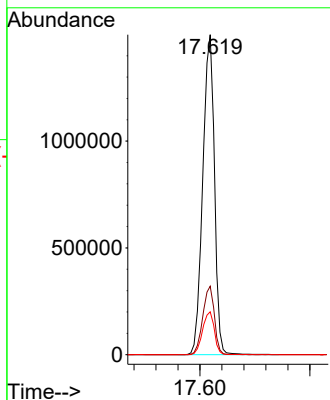
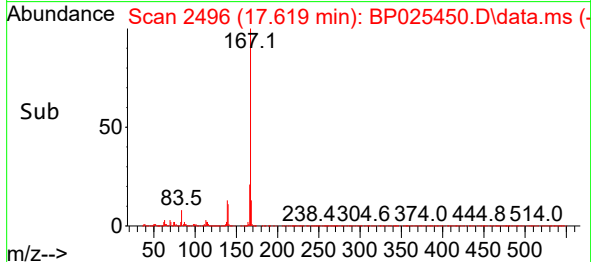
Instrument :
 BNA_P
 ClientSampleId :
 TG-S01MSD



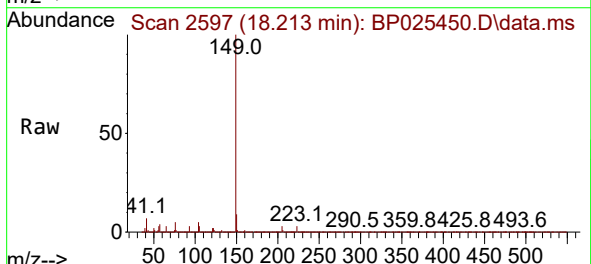
Tgt Ion:167 Resp: 2208948
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 13.4 10.6 16.0

Manual Integrations
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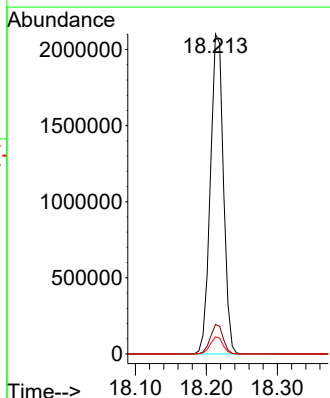
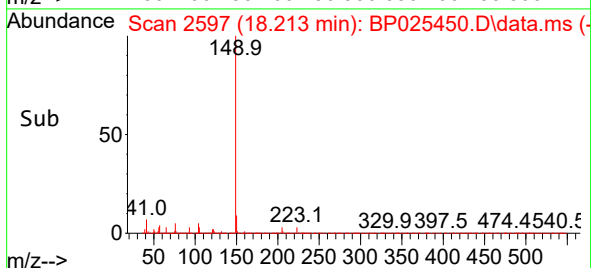
Reviewed By :Rahul Chavli 08/18/2025
 Supervised By :Jagrut Upadhyay 08/18/2025



#74
 Di-n-butylphthalate
 Concen: 47.616 ng
 RT: 18.213 min Scan# 2597
 Delta R.T. 0.006 min
 Lab File: BP025450.D
 Acq: 16 Aug 2025 08:07



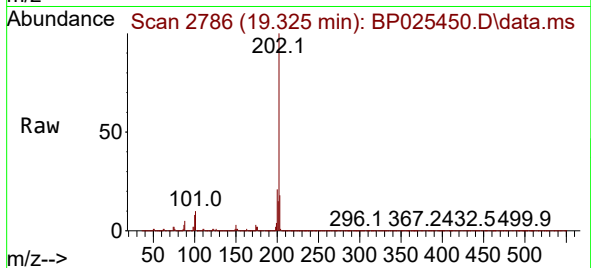
Tgt Ion:149 Resp: 2686045
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.3 4.2 6.2





#75
Fluoranthene
Concen: 47.573 ng
RT: 19.325 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

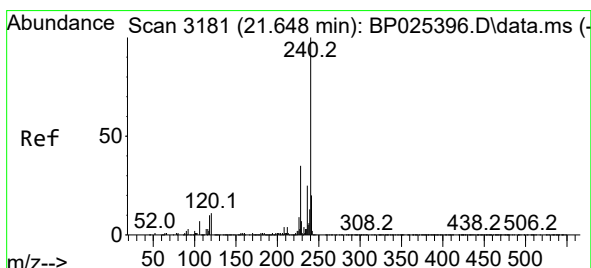
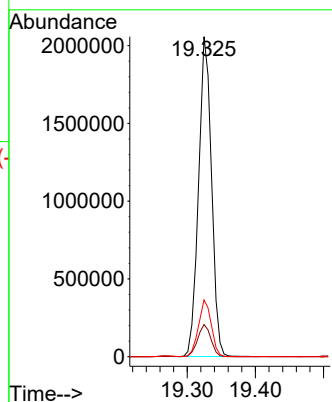
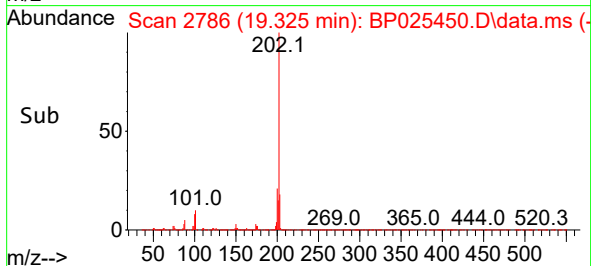
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



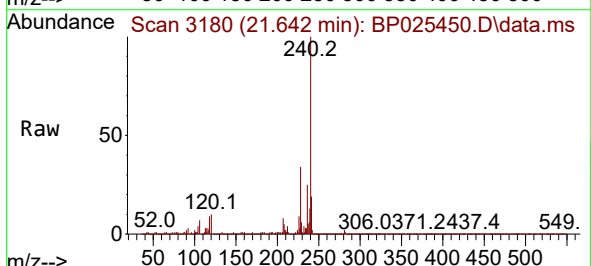
Tgt Ion:202 Resp: 270487
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.1
203 17.7 0.0 37.3

Manual Integrations
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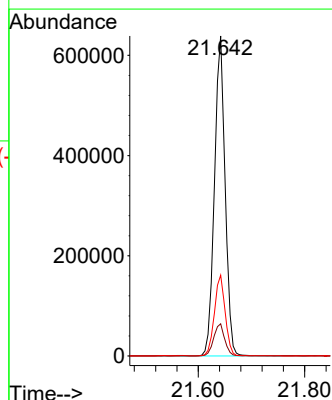
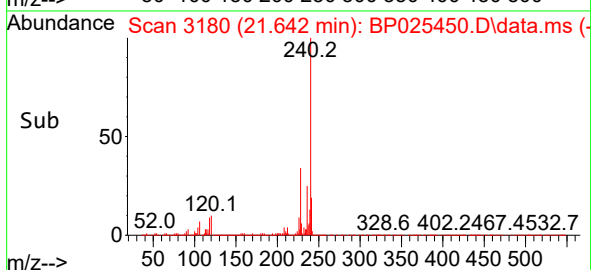
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

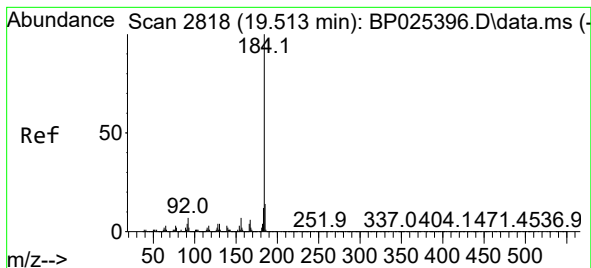


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07



Tgt Ion:240 Resp: 888384
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 25.3 19.8 29.8





#77

Benzidine

Concen: 27.373 ng

RT: 19.507 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Instrument :

BNA_P

ClientSampleId :

TG-S01MSD

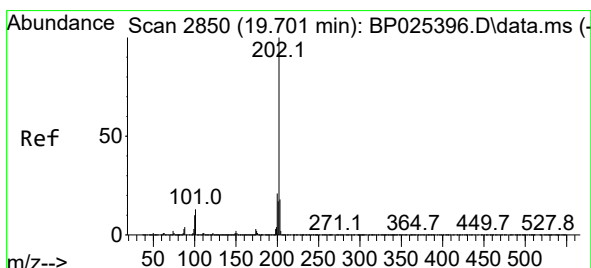
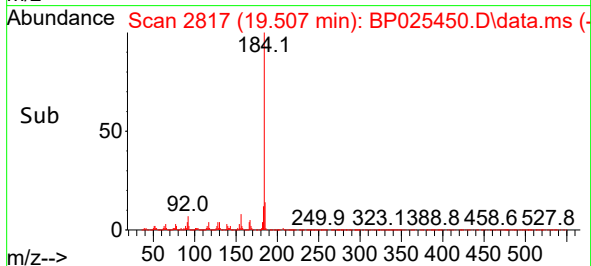
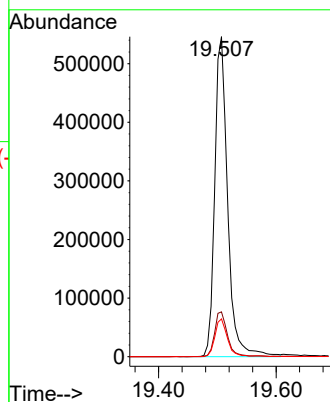
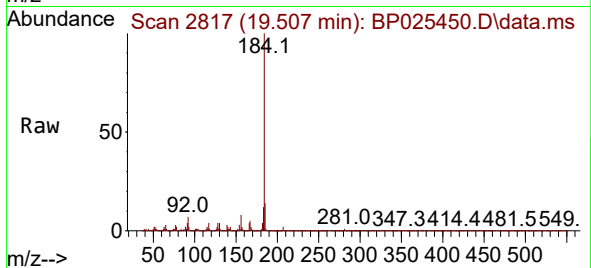
Tgt Ion:184	Resp: 82991
Ion Ratio	Lower Upper
184 100	
185 14.0	11.5 17.3
183 11.8	9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#78

Pyrene

Concen: 49.301 ng

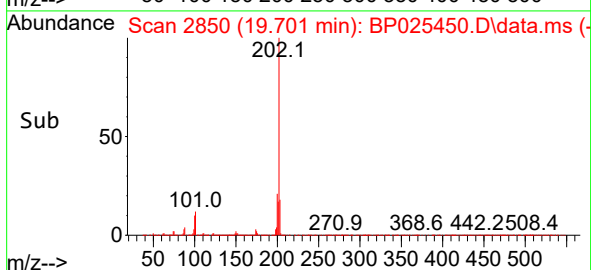
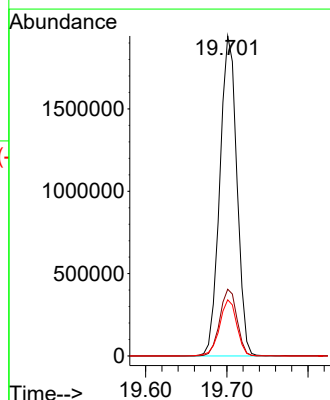
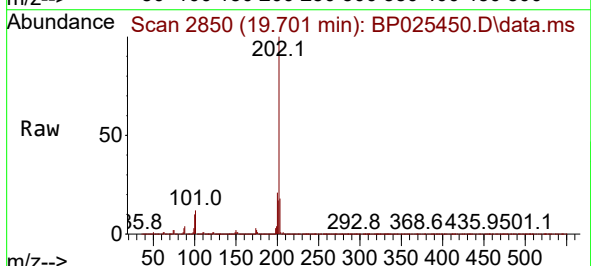
RT: 19.701 min Scan# 2850

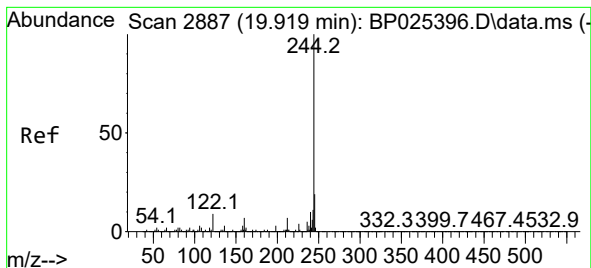
Delta R.T. 0.000 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Tgt Ion:202	Resp: 2846746
Ion Ratio	Lower Upper
202 100	
200 20.9	16.9 25.3
203 17.5	14.2 21.2





#79

Terphenyl-d14

Concen: 83.619 ng

RT: 19.919 min Scan# 2887

Delta R.T. 0.000 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Instrument :

BNA_P

ClientSampleId :

TG-S01MSD

Tgt Ion:244 Resp: 4060280

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

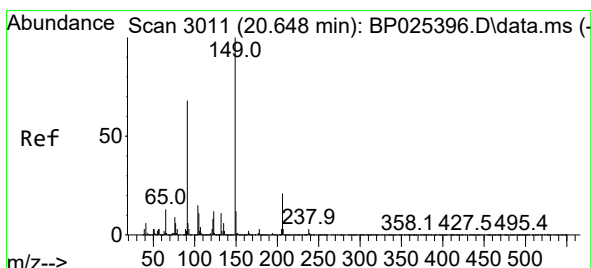
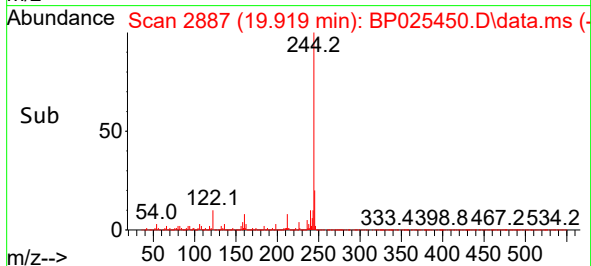
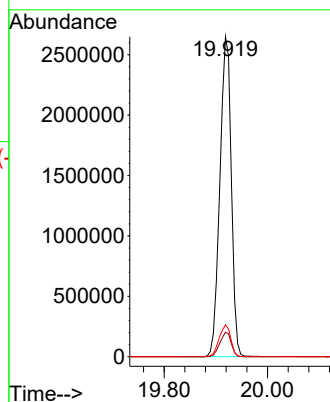
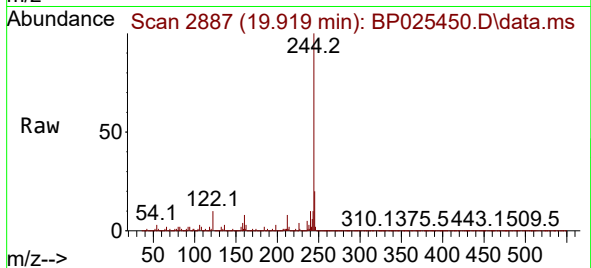
122 10.0 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#80

Butylbenzylphthalate

Concen: 49.525 ng

RT: 20.648 min Scan# 3011

Delta R.T. 0.000 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

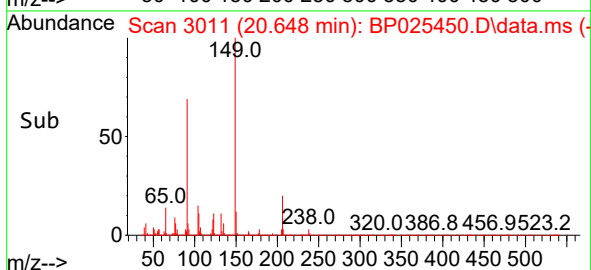
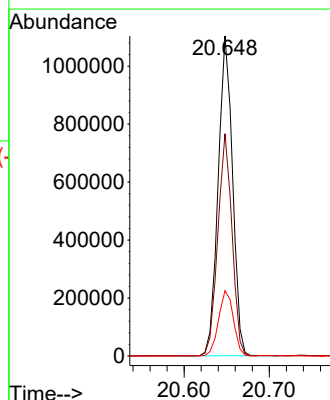
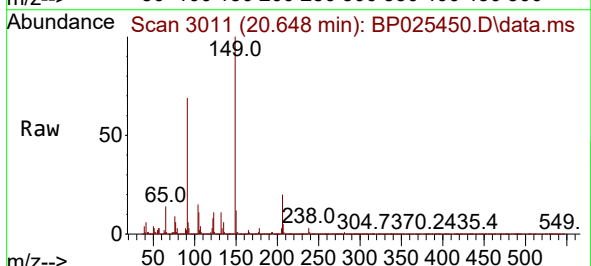
Tgt Ion:149 Resp: 1296053

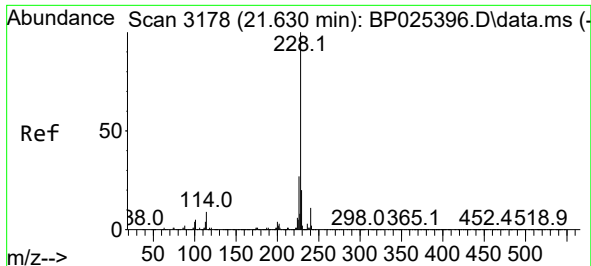
Ion Ratio Lower Upper

149 100

91 69.5 54.2 81.2

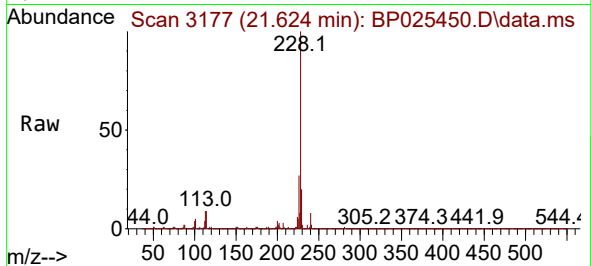
206 20.4 16.6 24.8





#81
Benzo(a)anthracene
Concen: 47.678 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

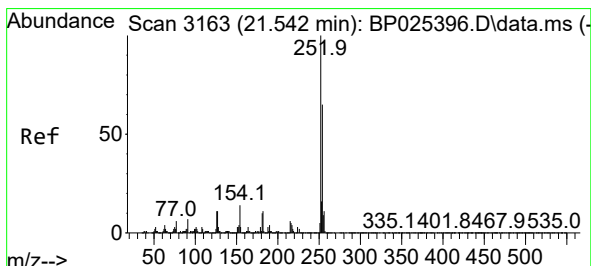
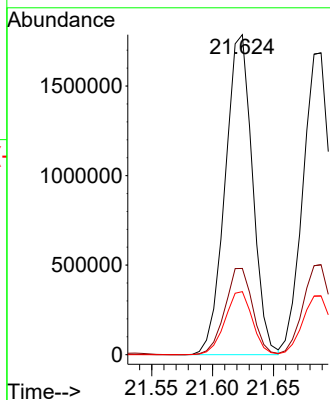
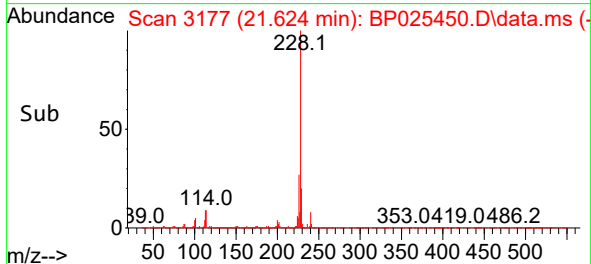
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



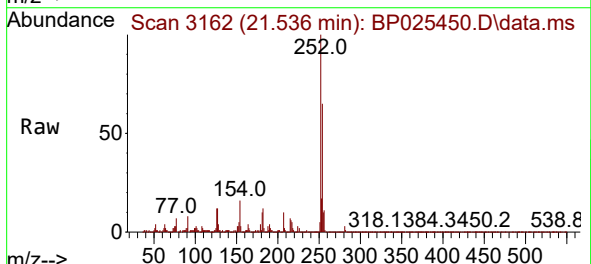
Tgt Ion:228 Resp: 2793394
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.7 15.6 23.4

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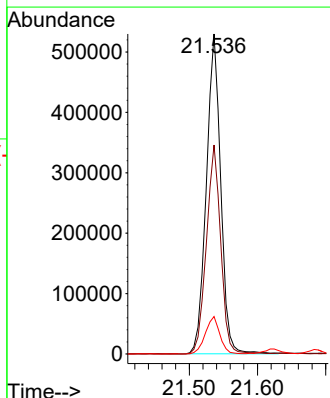
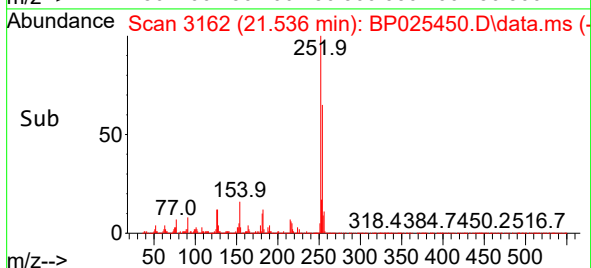
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

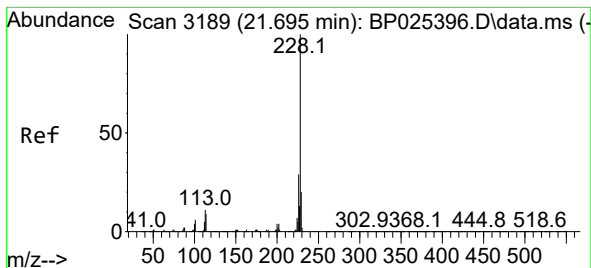


#82
3,3'-Dichlorobenzidine
Concen: 35.269 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.006 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07



Tgt Ion:252 Resp: 778861
Ion Ratio Lower Upper
252 100
254 65.3 51.8 77.6
126 11.7 9.1 13.7





#83

Chrysene

Concen: 48.605 ng

RT: 21.689 min Scan# 3188

Delta R.T. -0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Instrument :

BNA_P

ClientSampleId :

TG-S01MSD

Tgt Ion:228 Resp: 266688

Ion Ratio Lower Upper

228 100

226 29.8 23.2 34.8

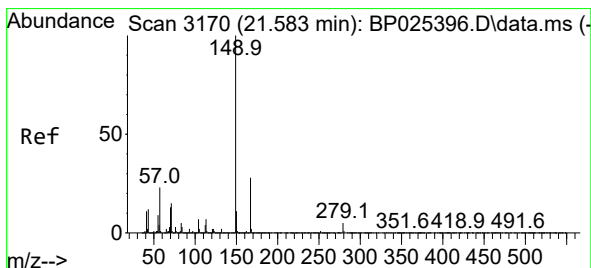
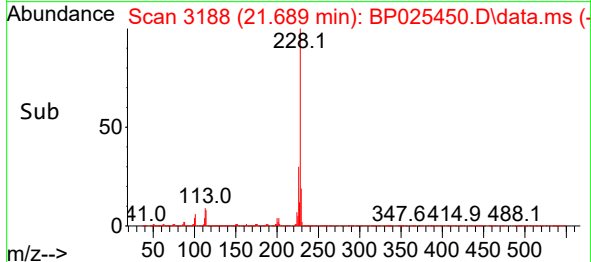
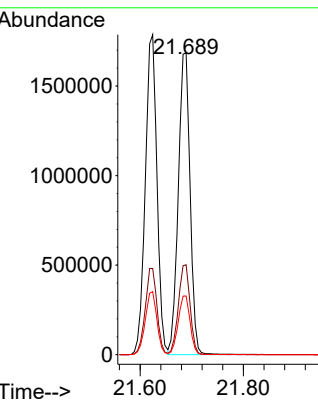
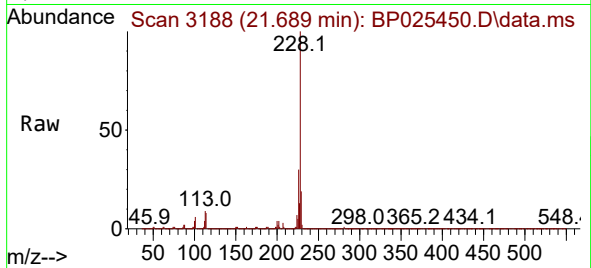
229 19.5 15.6 23.4

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.943 ng

RT: 21.566 min Scan# 3167

Delta R.T. -0.018 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

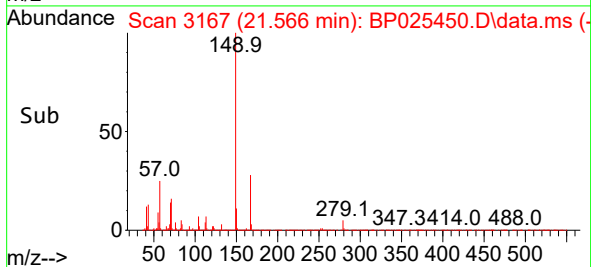
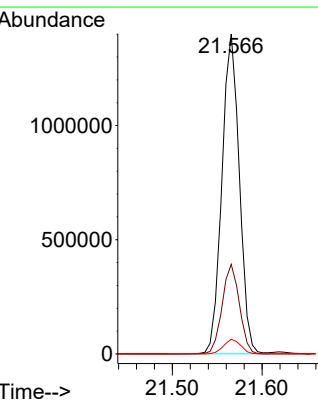
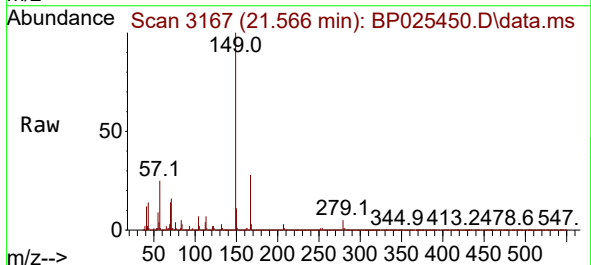
Tgt Ion:149 Resp: 1885442

Ion Ratio Lower Upper

149 100

167 28.0 22.1 33.1

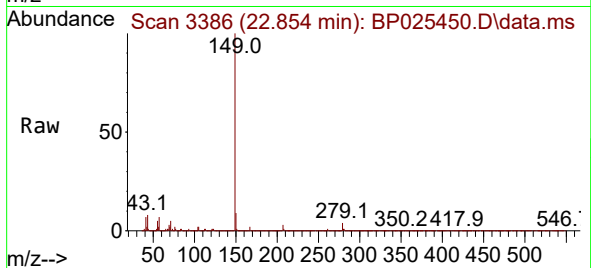
279 4.6 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 49.522 ng
RT: 22.854 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

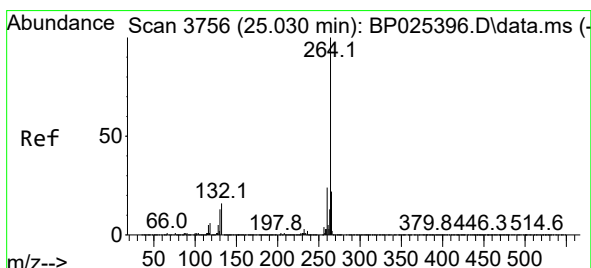
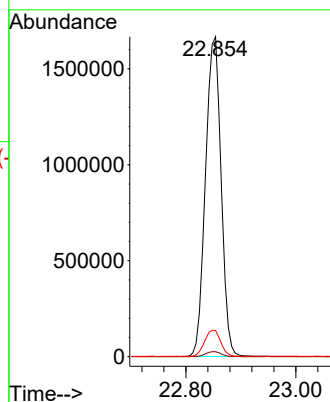
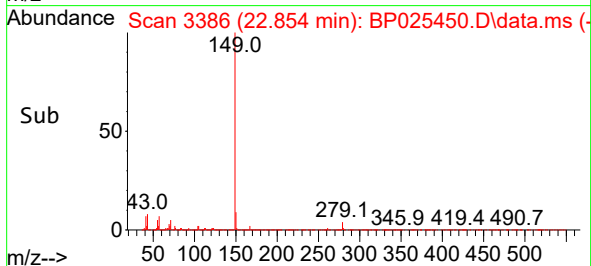
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



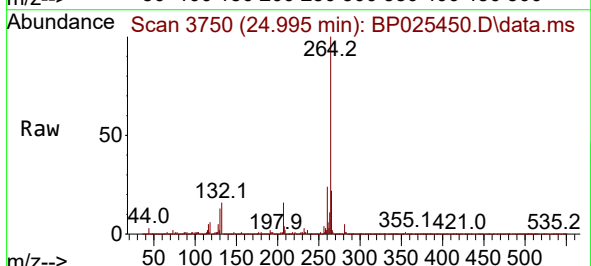
Tgt Ion:149 Resp: 328139
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 6.3 9.5

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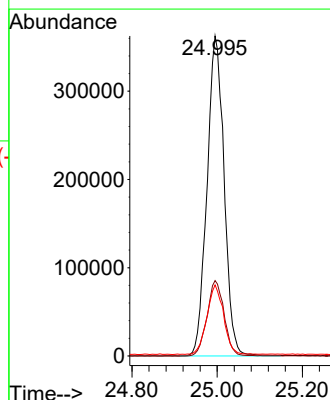
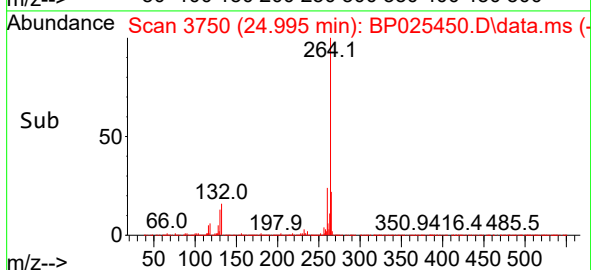
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

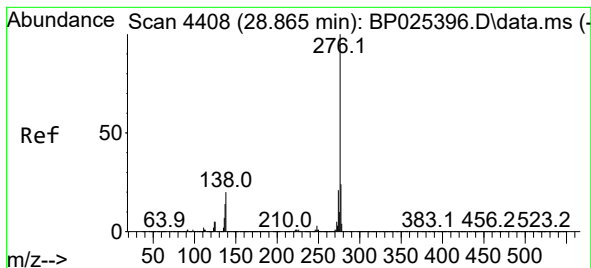


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3750
Delta R.T. -0.035 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07



Tgt Ion:264 Resp: 1010794
Ion Ratio Lower Upper
264 100
260 23.6 19.3 28.9
265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.187 ng m

RT: 28.824 min Scan# 4408

Delta R.T. -0.041 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Instrument :

BNA_P

ClientSampleId :

TG-S01MSD

Tgt Ion:276 Resp: 3572010

Ion Ratio Lower Upper

276 100

138 18.1 12.9 19.3

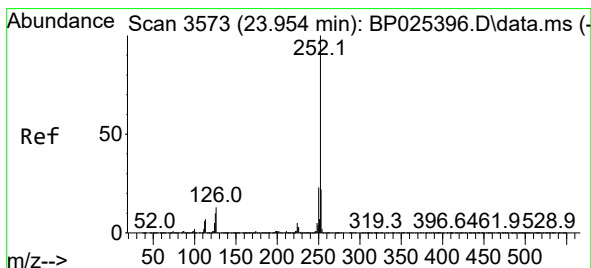
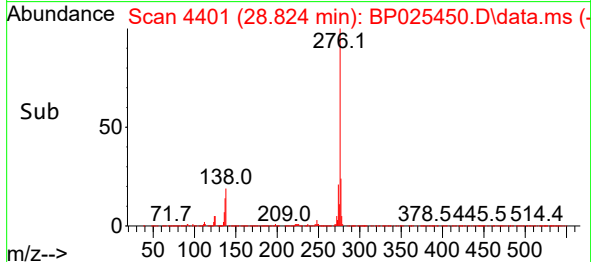
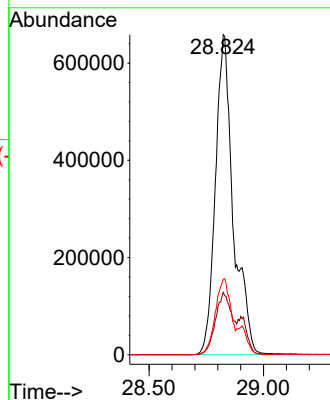
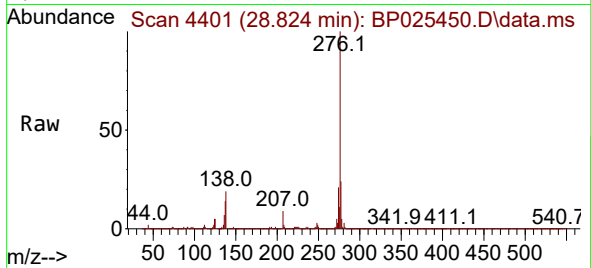
277 21.4 17.0 25.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#88

Benzo(b)fluoranthene

Concen: 49.085 ng

RT: 23.936 min Scan# 3570

Delta R.T. -0.018 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

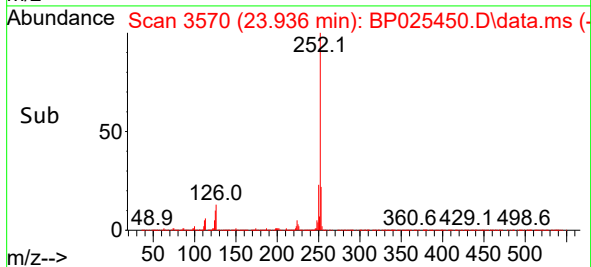
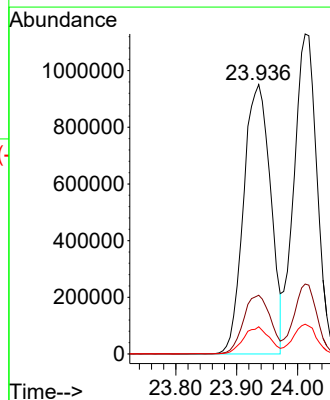
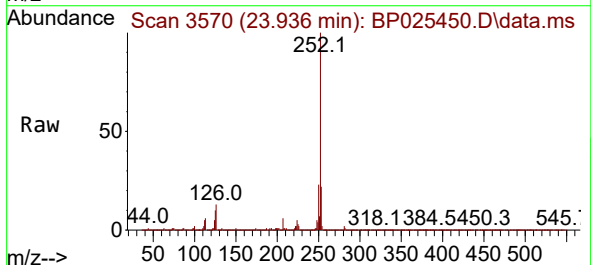
Tgt Ion:252 Resp: 2925656

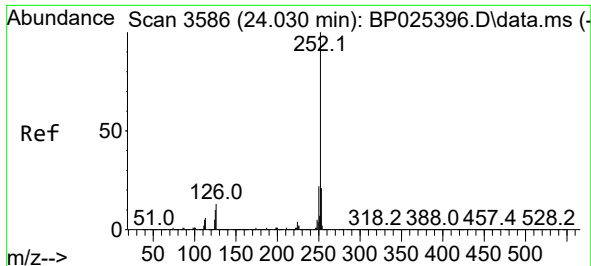
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

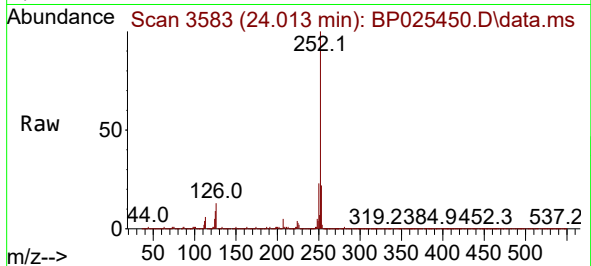
125 10.1 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 49.657 ng
RT: 24.013 min Scan# 3586
Delta R.T. -0.018 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

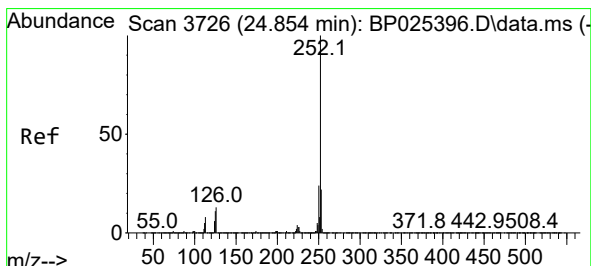
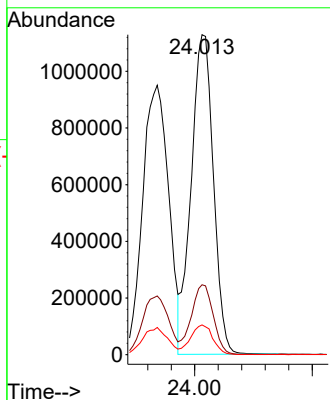
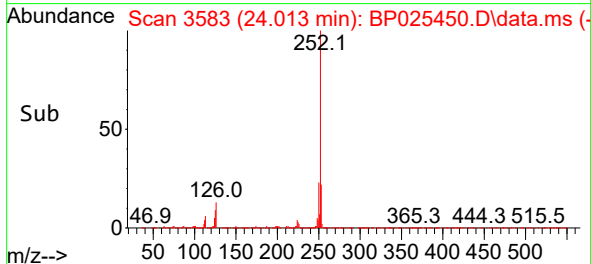
Instrument :
BNA_P
ClientSampleId :
TG-S01MSD



Tgt Ion:252 Resp: 2961772
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 9.3 7.8 11.6

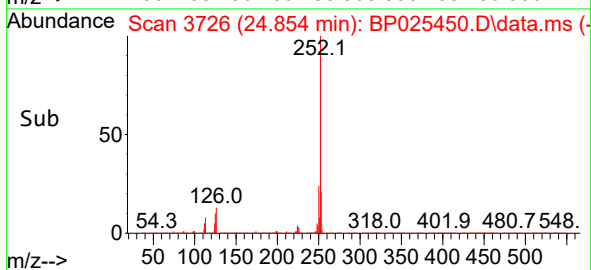
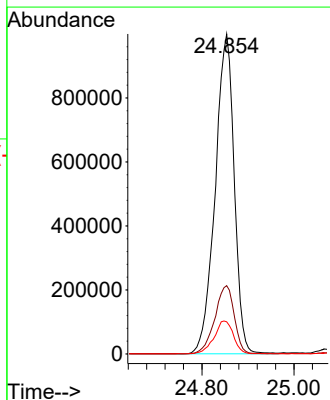
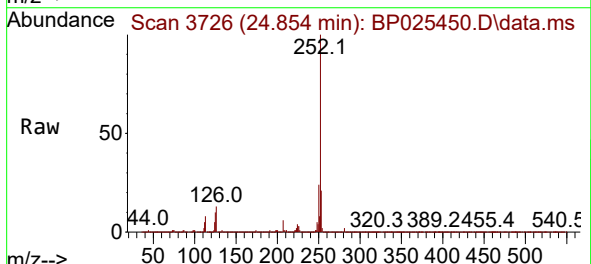
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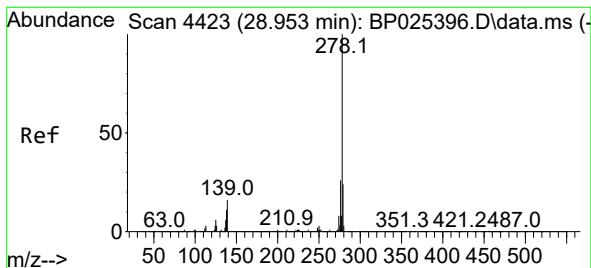
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#90
Benzo(a)pyrene
Concen: 49.235 ng
RT: 24.854 min Scan# 3726
Delta R.T. 0.000 min
Lab File: BP025450.D
Acq: 16 Aug 2025 08:07

Tgt Ion:252 Resp: 2856583
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 10.1 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 48.072 ng

RT: 28.906 min Scan# 44

Delta R.T. -0.047 min

Lab File: BP025450.D

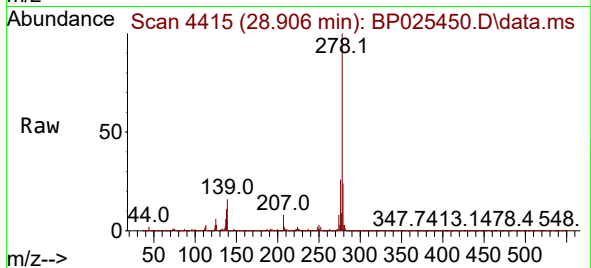
Acq: 16 Aug 2025 08:07

Instrument :

BNA_P

ClientSampleId :

TG-S01MSD



Tgt Ion:278 Resp: 2912079

Ion Ratio Lower Upper

278 100

139 15.5 13.0 19.4

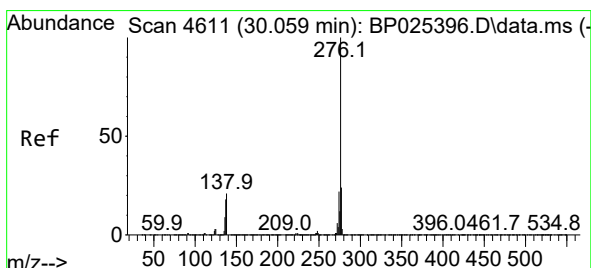
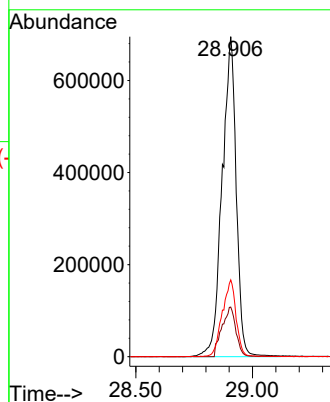
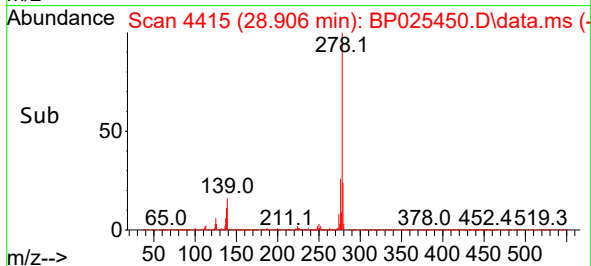
279 24.0 19.4 29.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#92

Benzo(g,h,i)perylene

Concen: 48.247 ng

RT: 30.012 min Scan# 4603

Delta R.T. -0.047 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Tgt Ion:276 Resp: 2872944

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.0

138 21.1 16.7 25.1

