

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
 Data File : BP025379.D
 Acq On : 13 Aug 2025 11:14
 Operator : CG/JU
 Sample : PB169210BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169210BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/14/2025
 Supervised By :Jagrut Upadhyay 08/14/2025

Quant Time: Aug 13 12:24:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 06 06:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	178418	20.000	ng	0.00
21) Naphthalene-d8	10.578	136	690484	20.000	ng	0.00
39) Acenaphthene-d10	14.425	164	416483	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	826325	20.000	ng	0.00
76) Chrysene-d12	21.666	240	881099	20.000	ng	0.00
86) Perylene-d12	25.060	264	1021631	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1368728	123.385	ng	0.00
7) Phenol-d6	6.978	99	1670568	114.427	ng	0.01
23) Nitrobenzene-d5	8.943	82	1069364	85.801	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	740966	178.336	ng	0.01
45) 2-Fluorobiphenyl	13.037	172	2600117	86.229	ng	0.00
79) Terphenyl-d14	19.954	244	4002128	85.792	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	148571	33.939	ng	96
3) Pyridine	3.731	79	427929	35.185	ng	95
4) n-Nitrosodimethylamine	3.637	42	202821	35.920	ng	90
6) Aniline	7.131	93	724774	36.164	ng	98
8) 2-Chlorophenol	7.372	128	541388	44.586	ng	96
9) Benzaldehyde	6.943	77	275814	26.600	ng	98
10) Phenol	7.002	94	628024	40.204	ng	97
11) bis(2-Chloroethyl)ether	7.225	93	481065	39.305	ng	96
12) 1,3-Dichlorobenzene	7.696	146	579315	42.460	ng	99
13) 1,4-Dichlorobenzene	7.837	146	587858	42.587	ng	99
14) 1,2-Dichlorobenzene	8.149	146	564127	42.188	ng	99
15) Benzyl Alcohol	8.031	79	446222	39.430	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.319	45	645063	33.363	ng	94
17) 2-Methylphenol	8.237	107	437532	41.860	ng	99
18) Hexachloroethane	8.872	117	214290	43.410	ng	95
19) n-Nitroso-di-n-propyla...	8.596	70	363395	37.885	ng	95
20) 3+4-Methylphenols	8.561	107	582361	40.461	ng	99
22) Acetophenone	8.614	105	753390	43.464	ng	# 96
24) Nitrobenzene	8.984	77	537609	45.568	ng	98
25) Isophorone	9.508	82	1033709	41.667	ng	100
26) 2-Nitrophenol	9.690	139	286375	55.137	ng	97
27) 2,4-Dimethylphenol	9.749	122	493381	43.136	ng	95
28) bis(2-Chloroethoxy)met...	9.984	93	638179	42.286	ng	100
29) 2,4-Dichlorophenol	10.225	162	488672	48.800	ng	98
30) 1,2,4-Trichlorobenzene	10.437	180	523381	47.375	ng	99
31) Naphthalene	10.625	128	1591759	44.407	ng	99
32) Benzoic acid	9.878	122	330949	49.903	ng	98
33) 4-Chloroaniline	10.725	127	593334	37.218	ng	99
34) Hexachlorobutadiene	10.913	225	323233	50.969	ng	99
35) Caprolactam	11.502	113	171432	44.130	ng	# 87
36) 4-Chloro-3-methylphenol	11.849	107	544166	46.964	ng	98
37) 2-Methylnaphthalene	12.237	142	1017102	43.839	ng	99
38) 1-Methylnaphthalene	12.454	142	1057382	43.679	ng	99
40) 1,2,4,5-Tetrachloroben...	12.602	216	570573	50.180	ng	100
41) Hexachlorocyclopentadiene	12.590	237	769968	109.716	ng	100
43) 2,4,6-Trichlorophenol	12.843	196	396566	53.989	ng	99

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 QLast Update : Wed Aug 06 06:41:44 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.913	196	433772	52.643	ng	99
46) 1,1'-Biphenyl	13.249	154	1452155	47.313	ng	99
47) 2-Chloronaphthalene	13.290	162	1122897	47.954	ng	99
48) 2-Nitroaniline	13.484	65	330804	48.212	ng	92
49) Acenaphthylene	14.143	152	1866977	47.799	ng	100
50) Dimethylphthalate	13.872	163	1444126	47.565	ng	99
51) 2,6-Dinitrotoluene	13.990	165	316740	56.558	ng	92
52) Acenaphthene	14.490	154	1089355	45.724	ng	99
53) 3-Nitroaniline	14.319	138	308445	47.069	ng	95
54) 2,4-Dinitrophenol	14.525	184	347705	97.842	ng	# 49
55) Dibenzofuran	14.825	168	1691570	47.512	ng	99
56) 4-Nitrophenol	14.637	139	553277	95.666	ng	97
57) 2,4-Dinitrotoluene	14.784	165	450385	51.617	ng	96
58) Fluorene	15.490	166	1331045	47.600	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.060	232	375379	54.537	ng	97
60) Diethylphthalate	15.260	149	1480930	48.381	ng	99
61) 4-Chlorophenyl-phenyle...	15.484	204	654384	49.362	ng	99
62) 4-Nitroaniline	15.496	138	347834	53.570	ng	97
63) Azobenzene	15.784	77	1282799	45.112	ng	97
65) 4,6-Dinitro-2-methylph...	15.560	198	250707	61.871	ng	97
66) n-Nitrosodiphenylamine	15.701	169	1219717	48.478	ng	99
67) 4-Bromophenyl-phenylether	16.401	248	425863	51.221	ng	96
68) Hexachlorobenzene	16.513	284	491638	52.699	ng	98
69) Atrazine	16.678	200	457841	51.744	ng	98
70) Pentachlorophenol	16.866	266	655758	110.330	ng	99
71) Phenanthrene	17.266	178	2152208	47.553	ng	99
72) Anthracene	17.360	178	2236589	49.011	ng	100
73) Carbazole	17.631	167	2128727	48.595	ng	100
74) Di-n-butylphthalate	18.231	149	2643367	49.880	ng	100
75) Fluoranthene	19.348	202	2602850	49.680	ng	98
77) Benzidine	19.548	184	1852734	58.096	ng	99
78) Pyrene	19.725	202	2725028	46.509	ng	99
80) Butylbenzylphthalate	20.683	149	1293716	54.444	ng	93
81) Benzo(a)anthracene	21.648	228	2774730	47.390	ng	99
82) 3,3'-Dichlorobenzidine	21.578	252	952616	46.113	ng	98
83) Chrysene	21.719	228	2622727	48.295	ng	99
84) Bis(2-ethylhexyl)phtha...	21.607	149	1909714	50.331	ng	99
85) Di-n-octyl phthalate	22.907	149	3364807	52.981	ng	96
87) Indeno(1,2,3-cd)pyrene	28.936	276	3636188m	49.657	ng	
88) Benzo(b)fluoranthene	23.995	252	2894648	47.332	ng	99
89) Benzo(k)fluoranthene	24.066	252	2856340	47.114	ng	98
90) Benzo(a)pyrene	24.895	252	2832100	48.087	ng	98
91) Dibenzo(a,h)anthracene	29.007	278	2979283	49.678	ng	98
92) Benzo(g,h,i)perylene	30.130	276	2951269	50.142	ng	97

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

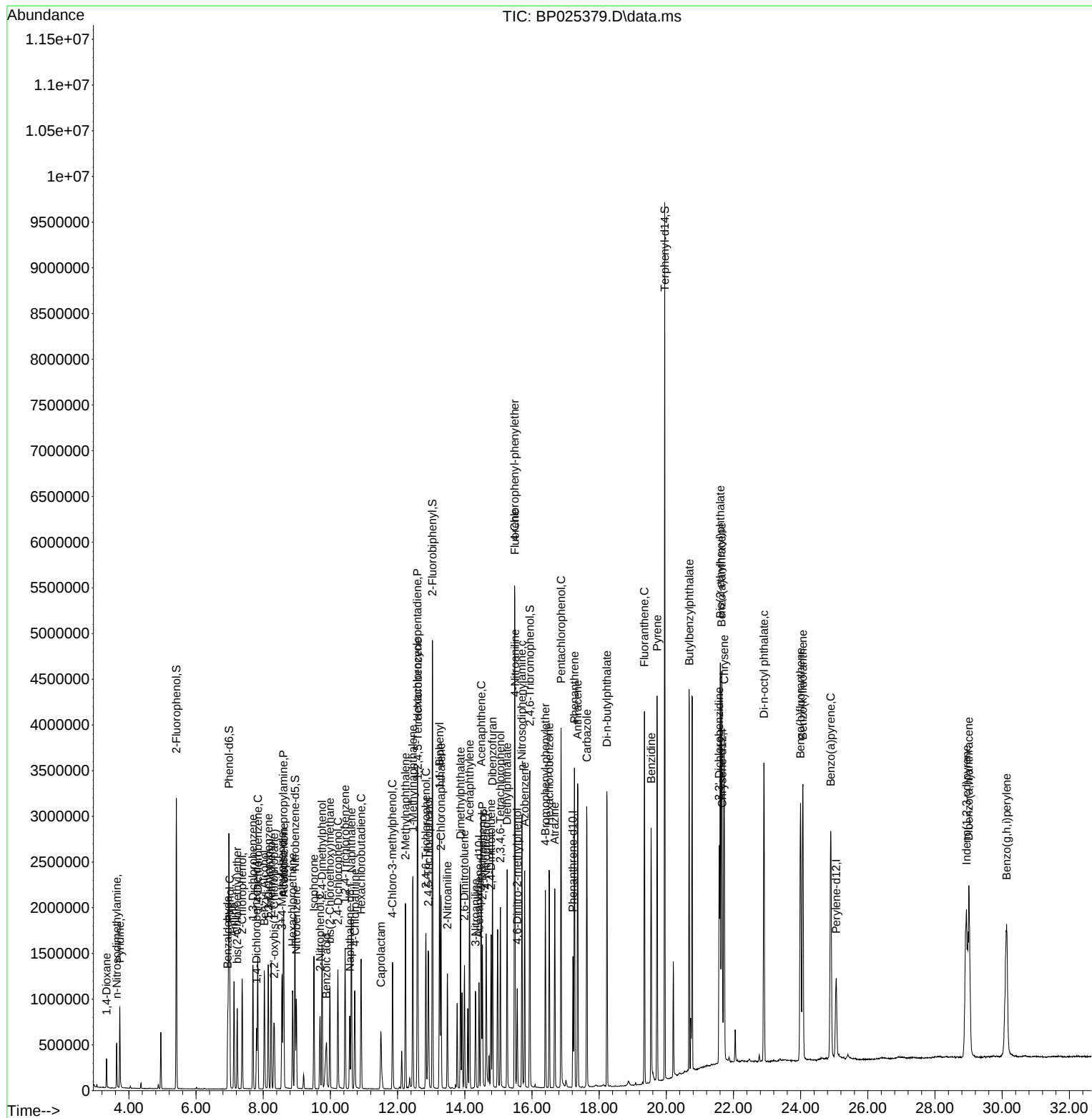
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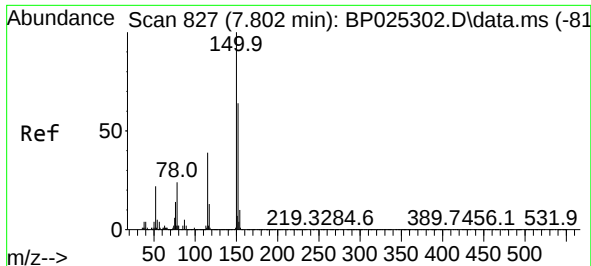
Instrument :
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 ClientSampleId :
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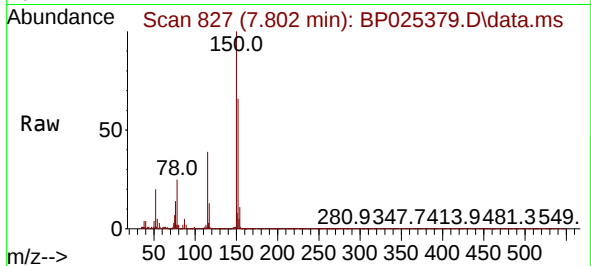
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

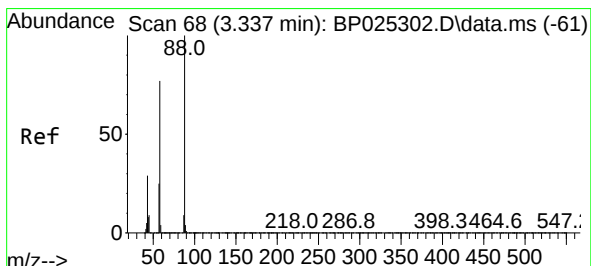
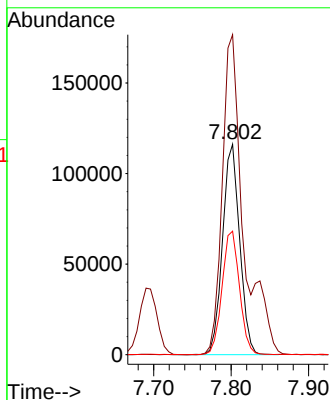
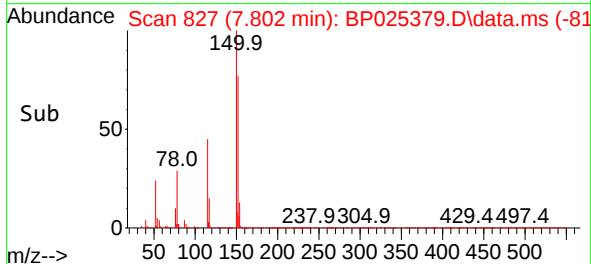
Instrument :
BNA_P
ClientSampleId :
PB169210BS



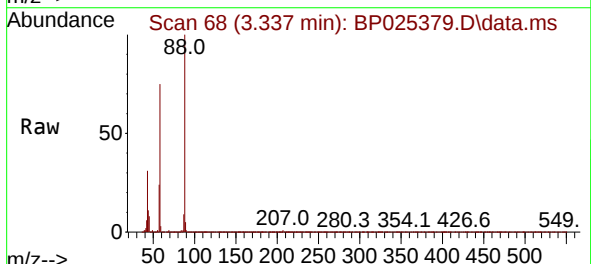
Tgt Ion: 152 Resp: 178418
Ion Ratio Lower Upper
152 100
150 152.1 125.1 187.7
115 58.8 48.4 72.6

Manual Integrations
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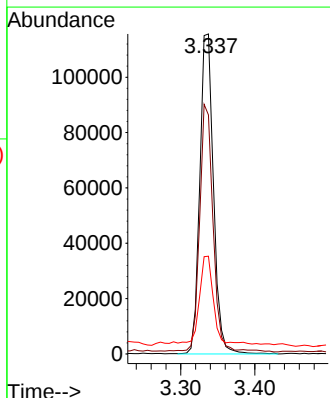
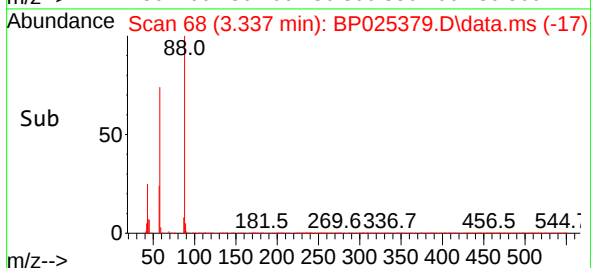
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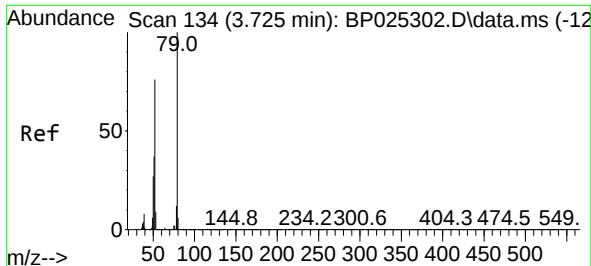


#2
1,4-Dioxane
Concen: 33.939 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14



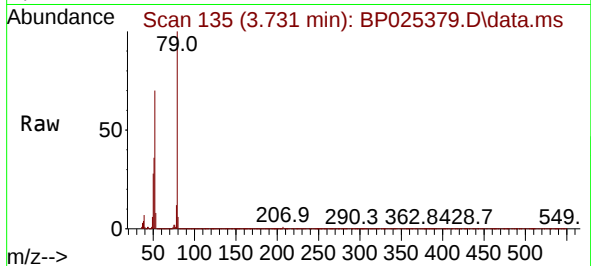
Tgt Ion: 88 Resp: 148571
Ion Ratio Lower Upper
88 100
58 74.3 61.9 92.9
43 28.3 24.2 36.2





#3
Pyridine
Concen: 35.185 ng
RT: 3.731 min Scan# 118
Delta R.T. 0.006 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

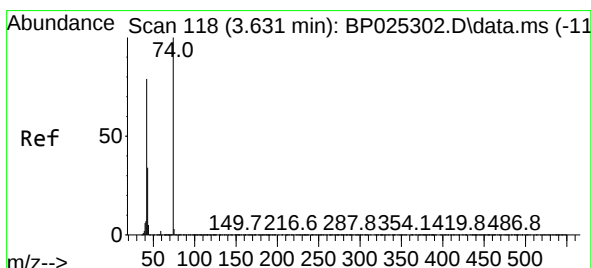
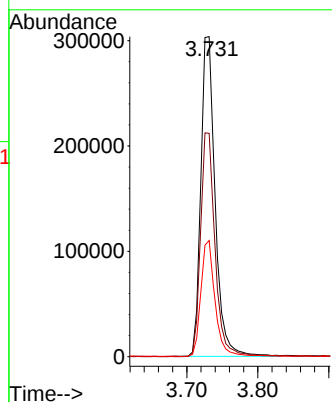
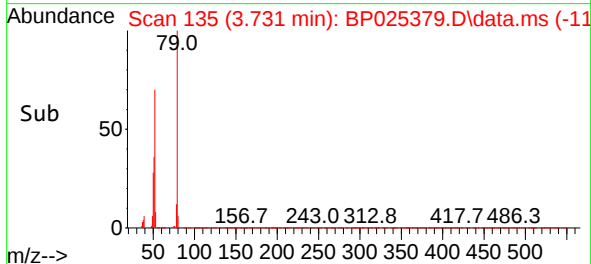
Instrument :
BNA_P
ClientSampleId :
PB169210BS



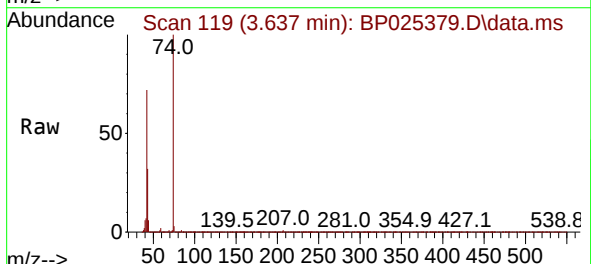
Tgt Ion: 79 Resp: 427929
Ion Ratio Lower Upper
79 100
52 69.8 60.5 90.7
51 36.3 30.2 45.2

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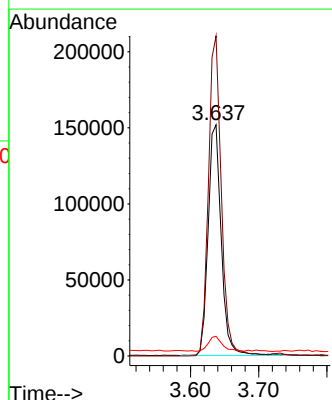
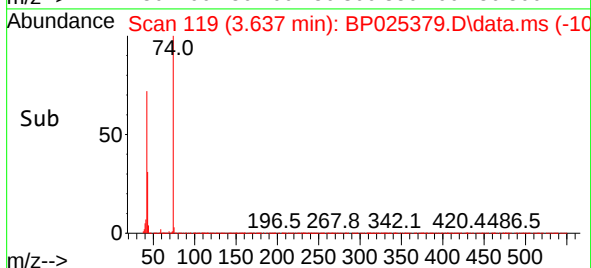
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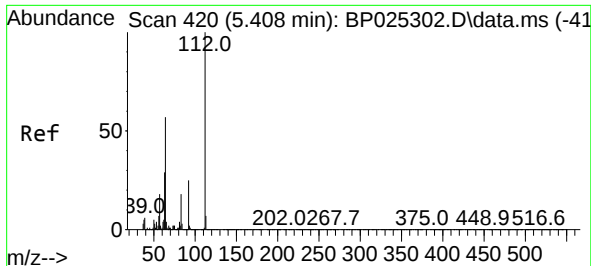


#4
n-Nitrosodimethylamine
Concen: 35.920 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.006 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14



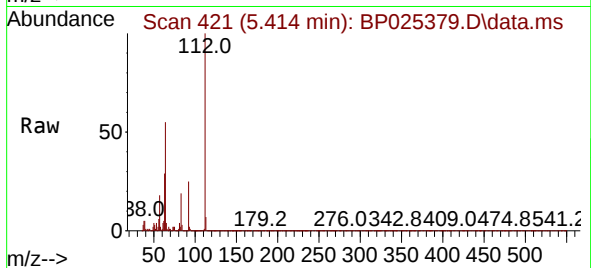
Tgt Ion: 42 Resp: 202821
Ion Ratio Lower Upper
42 100
74 138.4 101.4 152.2
44 8.5 7.6 11.4





#5
2-Fluorophenol
Concen: 123.385 ng
RT: 5.414 min Scan# 421
Delta R.T. 0.006 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

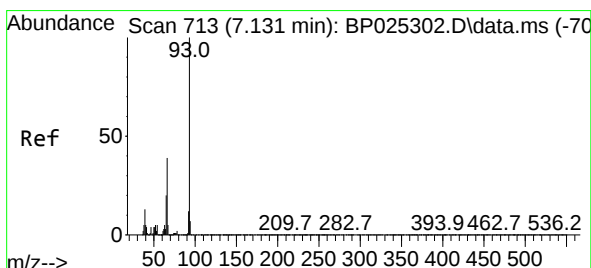
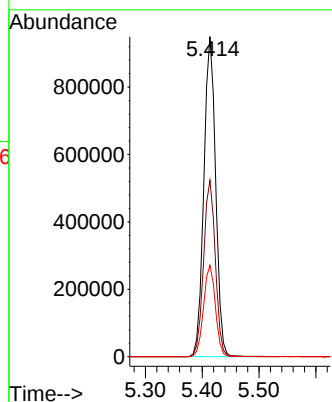
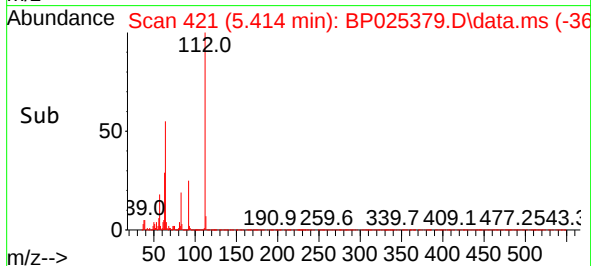
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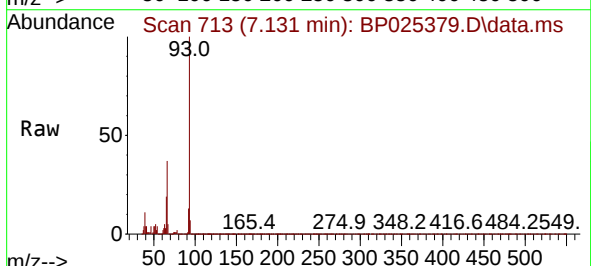
Tgt Ion:112 Resp: 1368728
Ion Ratio Lower Upper
112 100
64 55.1 45.3 67.9
63 28.6 23.0 34.6

Manual Integrations
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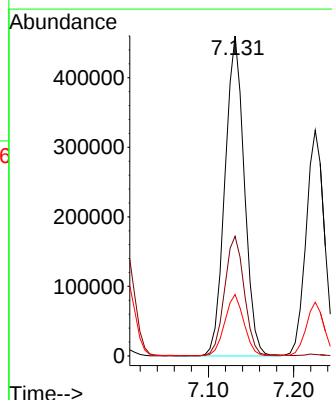
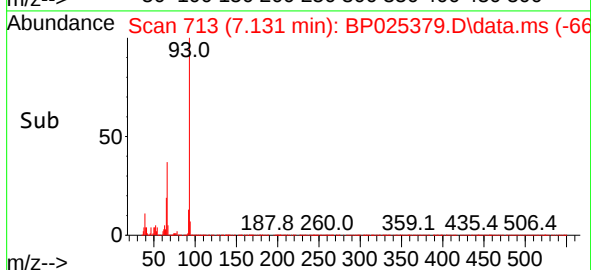
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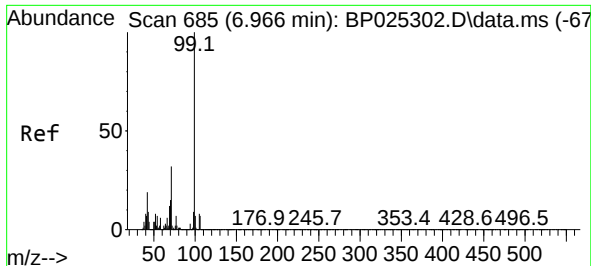


#6
Aniline
Concen: 36.164 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14



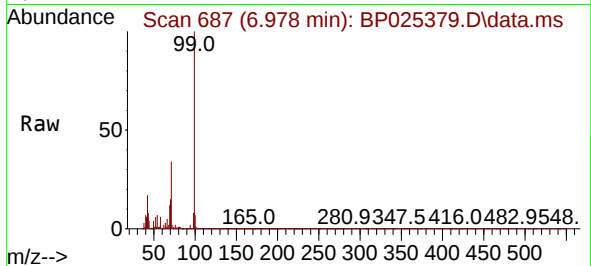
Tgt Ion: 93 Resp: 724774
Ion Ratio Lower Upper
93 100
66 37.4 31.1 46.7
65 19.2 15.8 23.8





#7
Phenol-d6
Concen: 114.427 ng
RT: 6.978 min Scan# 687
Delta R.T. 0.012 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

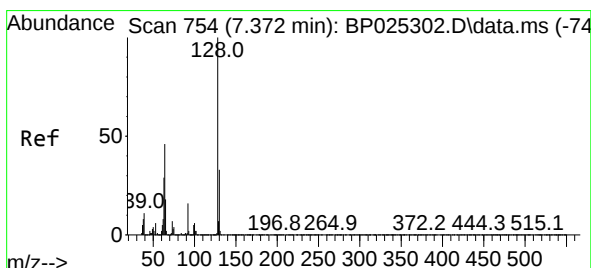
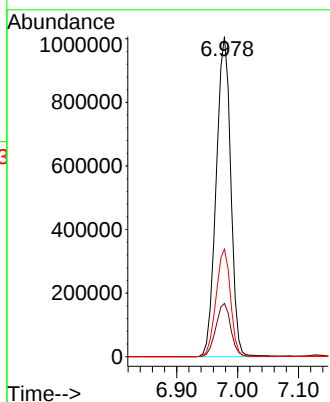
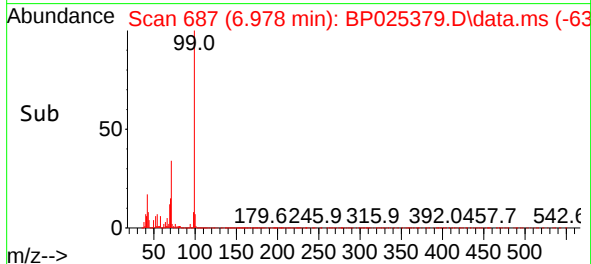
Instrument :
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Tgt Ion: 99 Resp: 167056
Ion Ratio Lower Upper
99 100
42 16.6 15.0 22.6
71 33.6 25.5 38.3

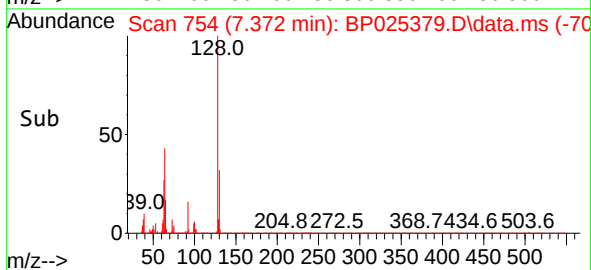
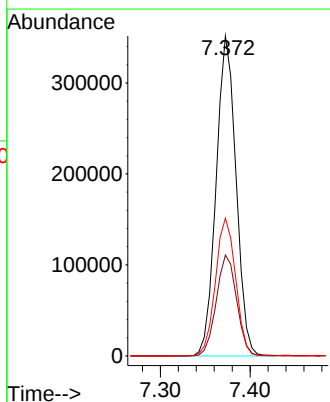
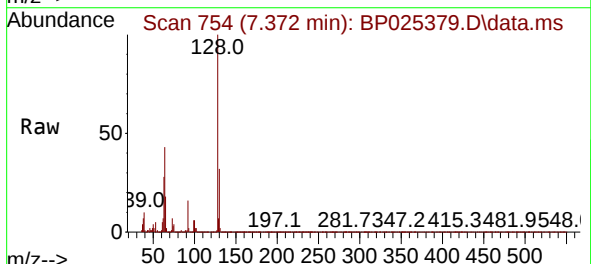
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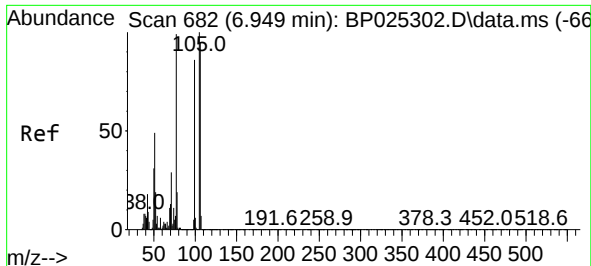
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025



#8
2-Chlorophenol
Concen: 44.586 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

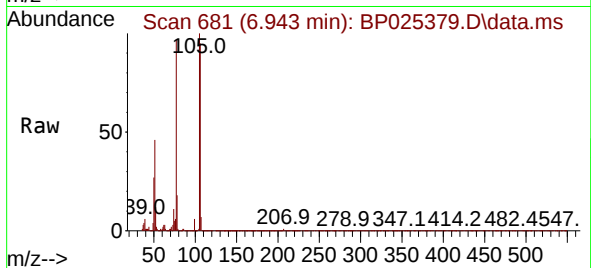
Tgt Ion:128 Resp: 541388
Ion Ratio Lower Upper
128 100
130 31.5 13.1 53.1
64 43.0 26.1 66.1





#9
Benzaldehyde
Concen: 26.600 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

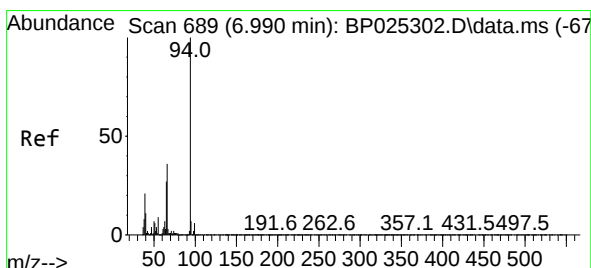
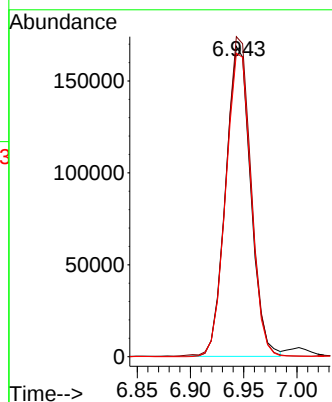
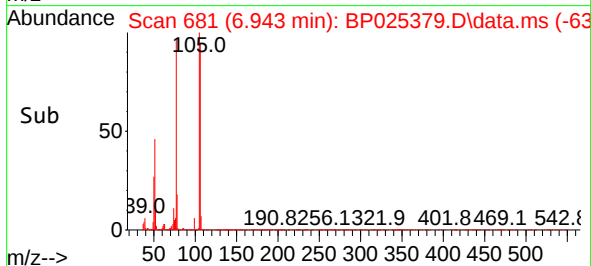
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Tgt Ion: 77 Resp: 275814
Ion Ratio Lower Upper
77 100
105 103.1 81.4 121.4
106 97.8 76.2 116.2

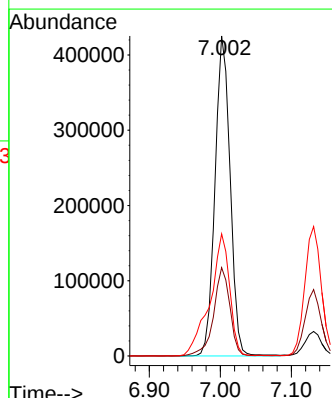
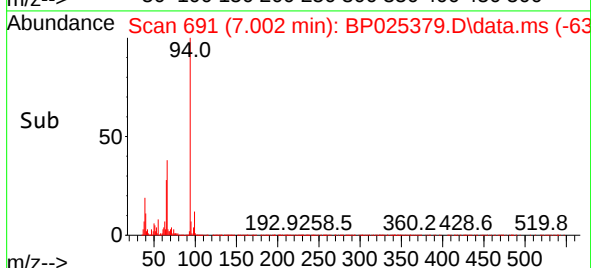
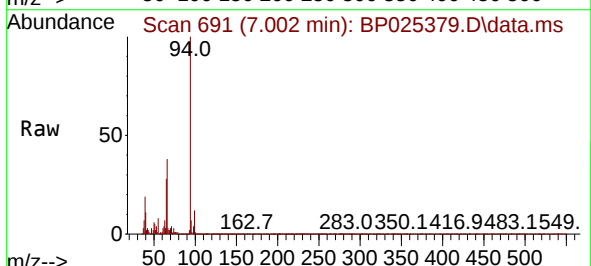
Manual Integrations
APPROVED

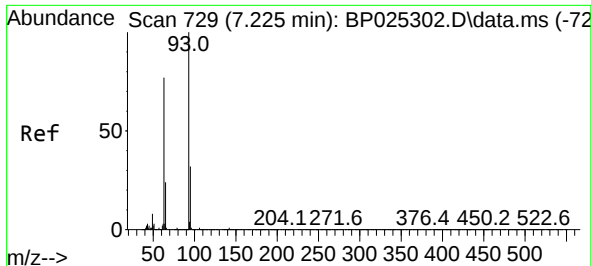
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025



#10
Phenol
Concen: 40.204 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.012 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Tgt Ion: 94 Resp: 628024
Ion Ratio Lower Upper
94 100
65 27.6 7.3 47.3
66 38.1 15.7 55.7





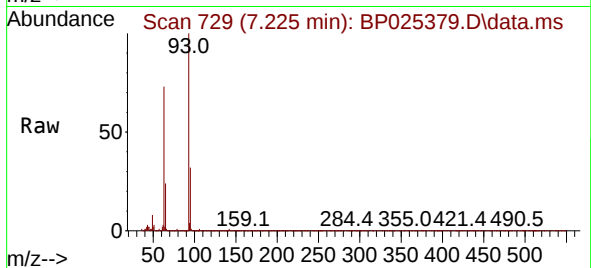
#11
bis(2-Chloroethyl)ether
Concen: 39.305 ng
RT: 7.225 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Instrument :

BNA_P

ClientSampleId :

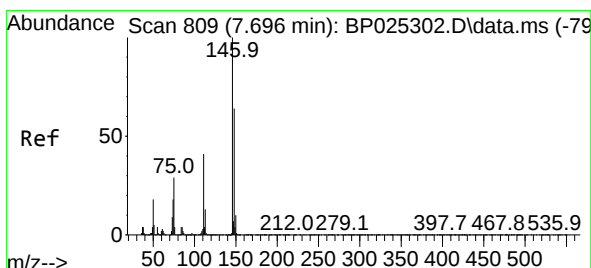
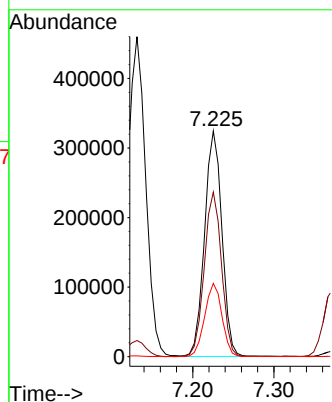
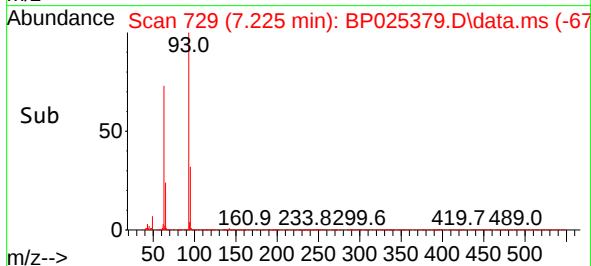
PB169210BS



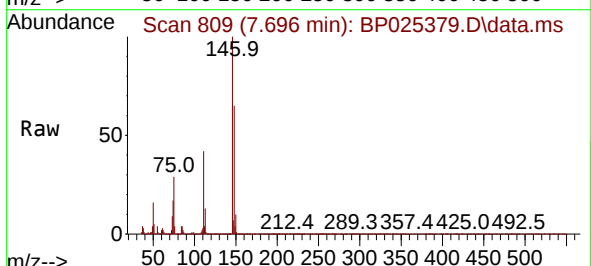
Tgt Ion: 93 Resp: 48106
Ion Ratio Lower Upper
93 100
63 72.9 57.0 97.0
95 32.5 12.1 52.1

Manual Integrations
APPROVED

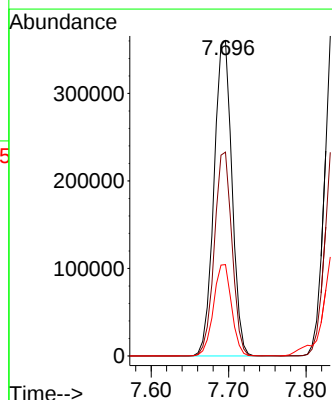
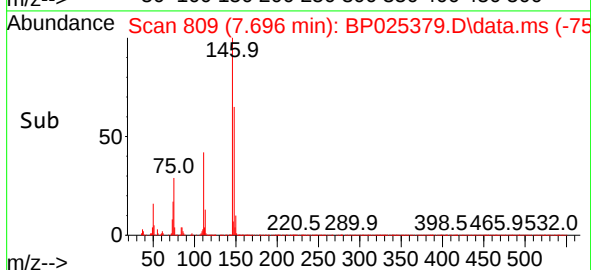
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025

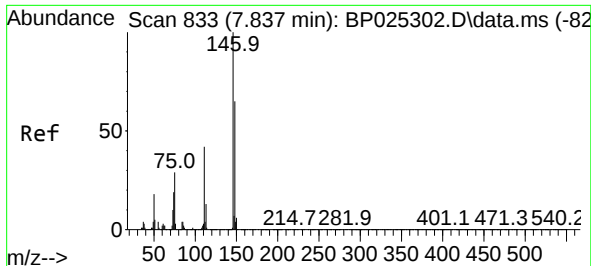


#12
1,3-Dichlorobenzene
Concen: 42.460 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14



Tgt Ion:146 Resp: 579315
Ion Ratio Lower Upper
146 100
148 64.7 51.1 76.7
75 29.0 23.2 34.8





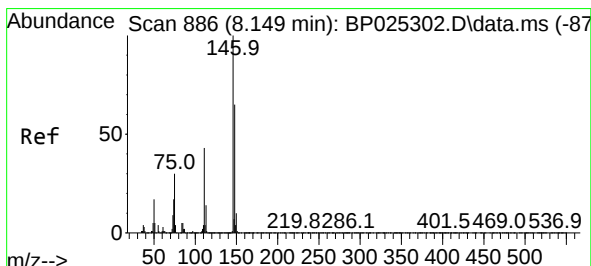
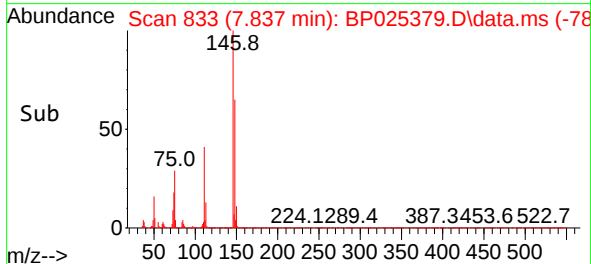
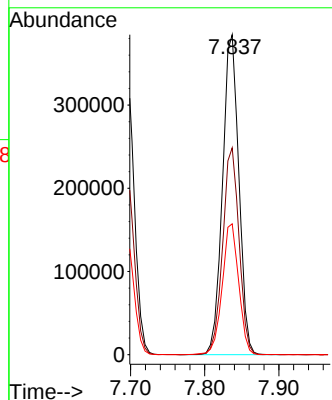
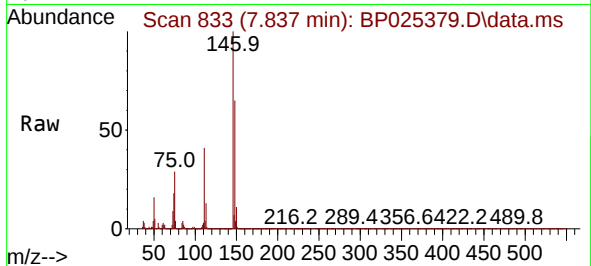
#13
1,4-Dichlorobenzene
Concen: 42.587 ng
RT: 7.837 min Scan# 833
Delta R.T. 0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Instrument :
BNA_P
ClientSampleId :
PB169210BS

Tgt Ion:146 Resp: 58785
Ion Ratio Lower Upper
146 100
148 64.6 52.0 78.0
111 40.9 33.2 49.8

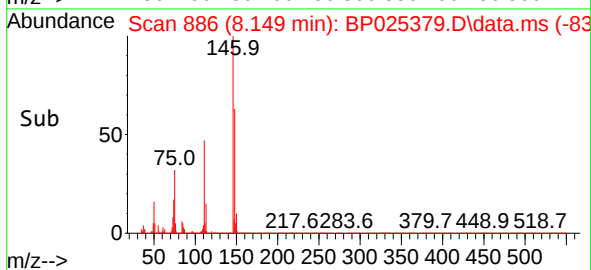
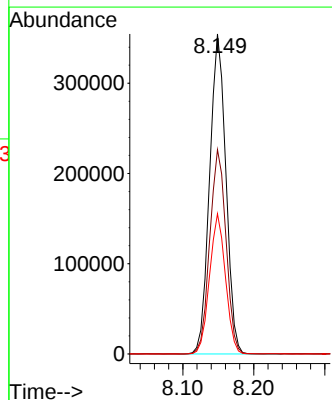
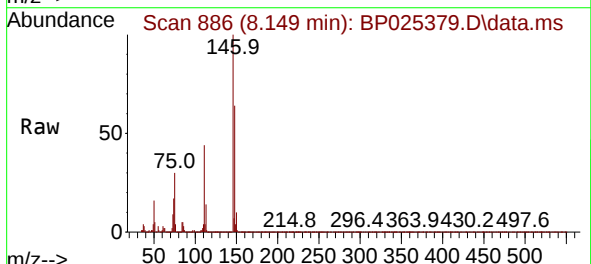
Manual Integrations
APPROVED

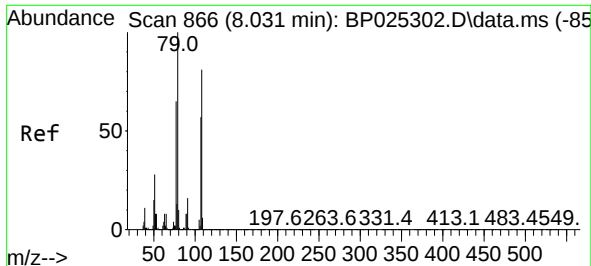
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025



#14
1,2-Dichlorobenzene
Concen: 42.188 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

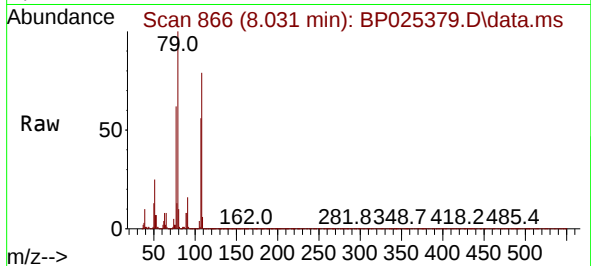
Tgt Ion:146 Resp: 564127
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
111 43.8 34.4 51.6





#15
Benzyl Alcohol
Concen: 39.430 ng
RT: 8.031 min Scan# 866
Delta R.T. 0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

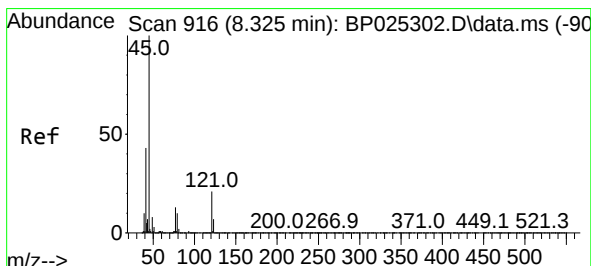
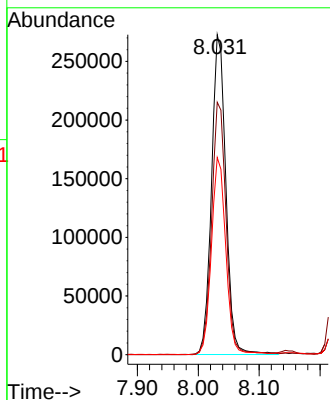
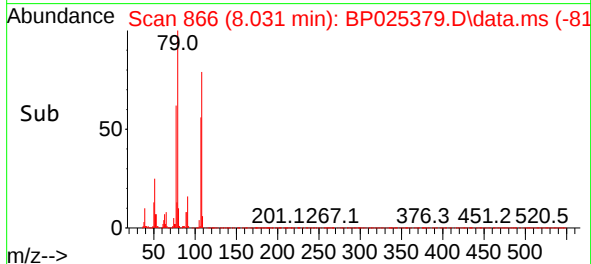
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion: 79 Resp: 446222
Ion Ratio Lower Upper
79 100
108 78.9 64.5 96.7
77 61.6 51.9 77.9

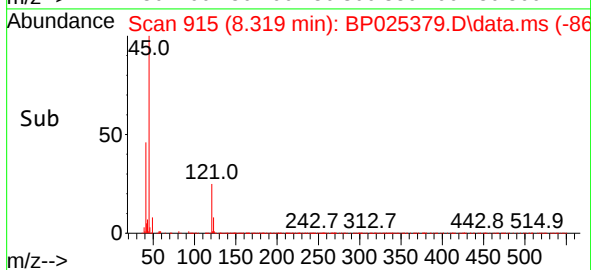
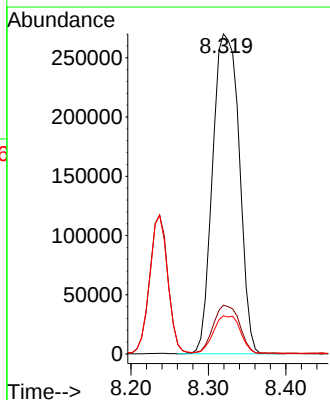
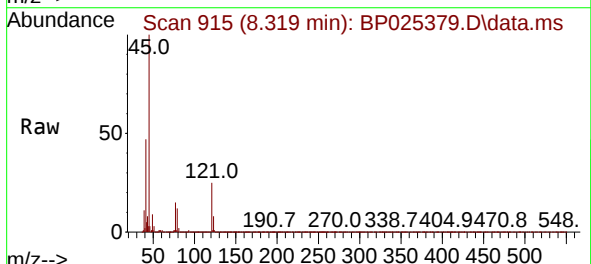
Manual Integrations
APPROVED

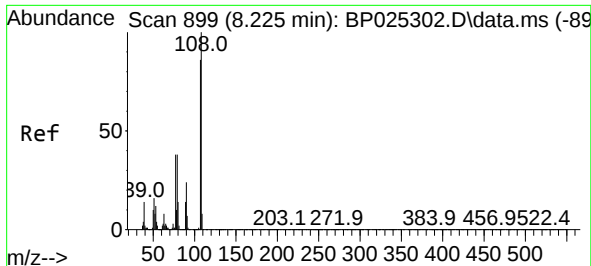
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.363 ng
RT: 8.319 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

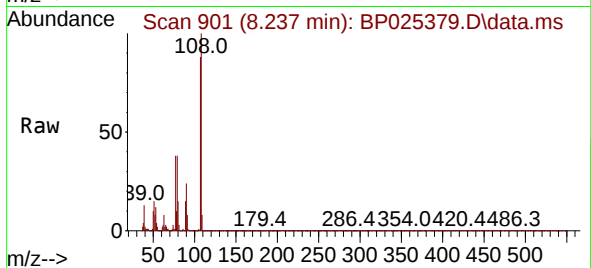
Tgt Ion: 45 Resp: 645063
Ion Ratio Lower Upper
45 100
77 15.3 0.0 33.0
79 11.9 0.0 29.8





#17
2-Methylphenol
Concen: 41.860 ng
RT: 8.237 min Scan# 901
Delta R.T. 0.012 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Instrument :
BNA_P
ClientSampleId :
PB169210BS

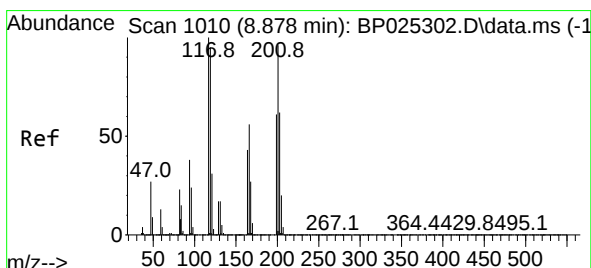
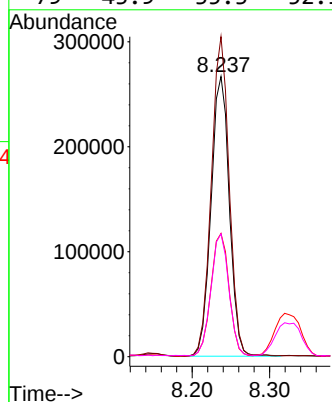
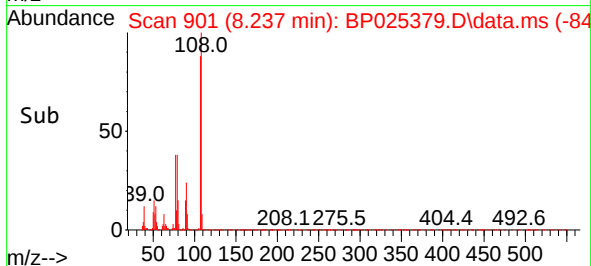


Tgt Ion:107 Resp: 43753

Ion	Ratio	Lower	Upper
107	100		
108	114.2	92.6	139.0
77	44.0	35.4	53.2
79	43.9	35.3	52.9

Manual Integrations
APPROVED

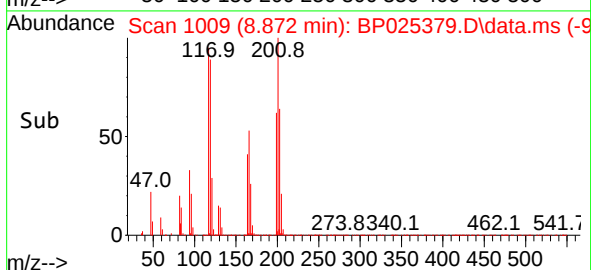
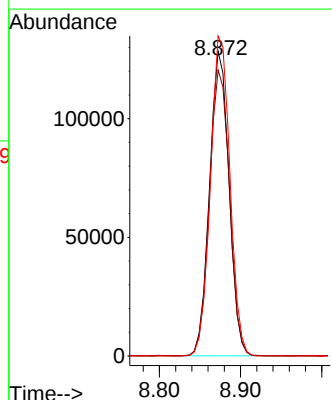
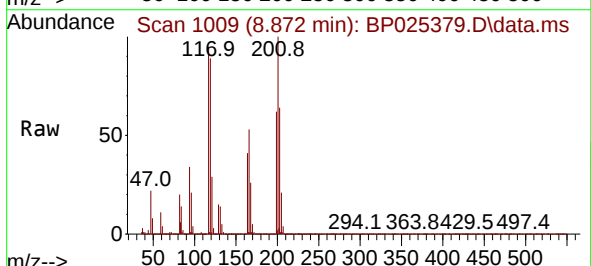
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025

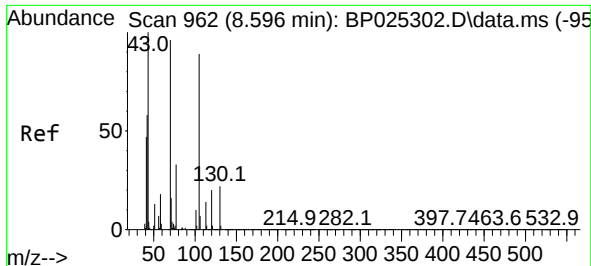


#18
Hexachloroethane
Concen: 43.410 ng
RT: 8.872 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Tgt Ion:117 Resp: 214290

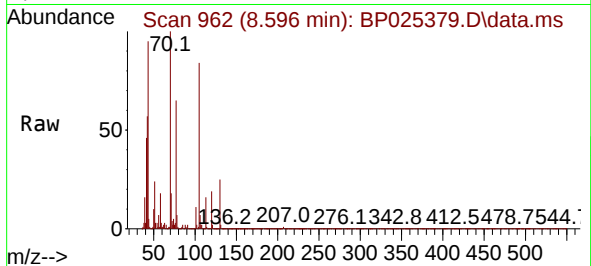
Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.8	113.8
201	105.1	76.6	114.8





#19
n-Nitroso-di-n-propylamine
Concen: 37.885 ng
RT: 8.596 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

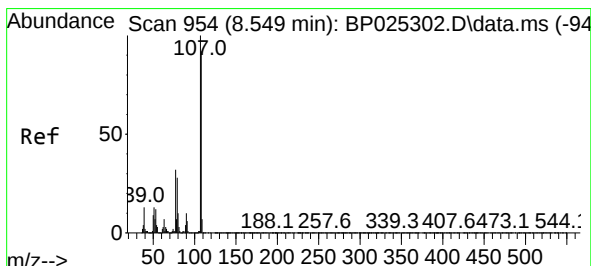
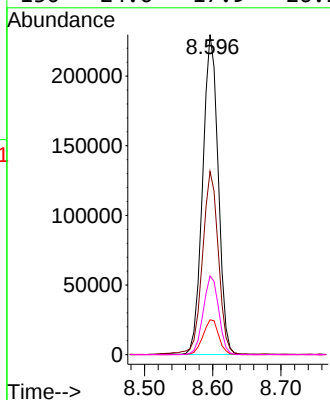
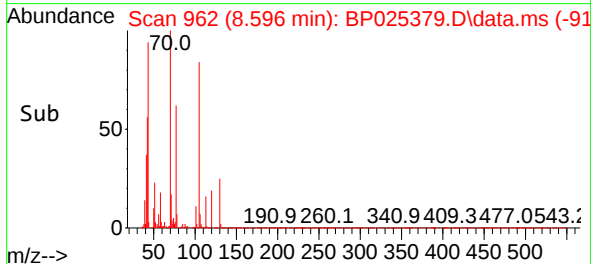
Instrument :
BNA_P
ClientSampleId :
PB169210BS



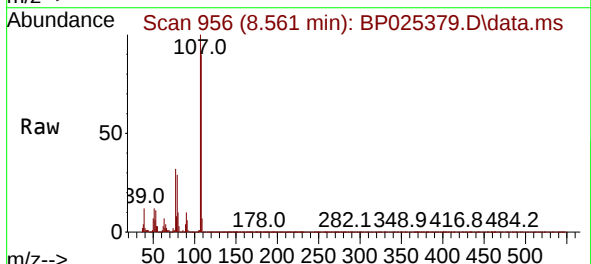
Tgt Ion: 70 Resp: 36339
Ion Ratio Lower Upper
70 100
42 57.2 49.4 74.0
101 10.9 7.9 11.9
130 24.6 17.9 26.9

Manual Integrations
APPROVED

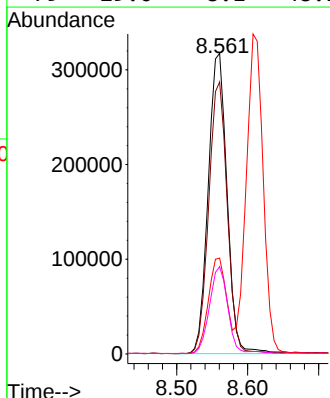
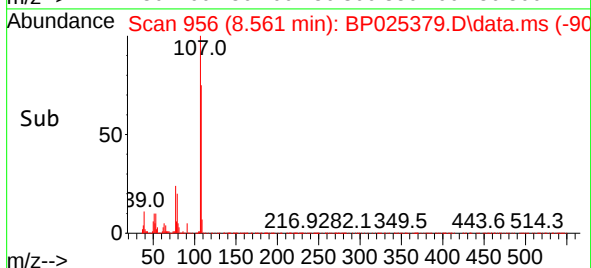
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025

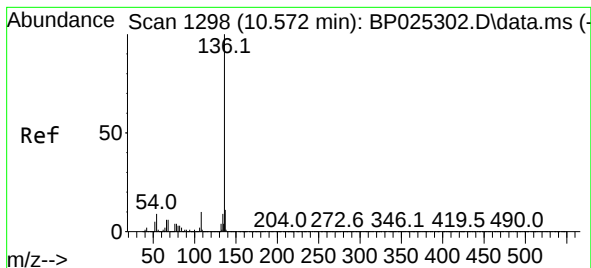


#20
3+4-Methylphenols
Concen: 40.461 ng
RT: 8.561 min Scan# 956
Delta R.T. 0.012 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14



Tgt Ion:107 Resp: 582361
Ion Ratio Lower Upper
107 100
108 90.5 71.9 111.9
77 31.9 12.0 52.0
79 29.0 8.1 48.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.578 min Scan# 1299

Delta R.T. 0.006 min

Lab File: BP025379.D

Acq: 13 Aug 2025 11:14

Instrument :

BNA_P

ClientSampleId :

PB169210BS

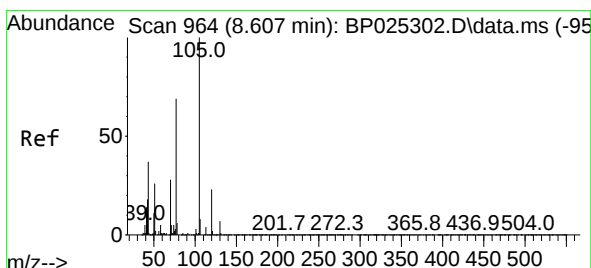
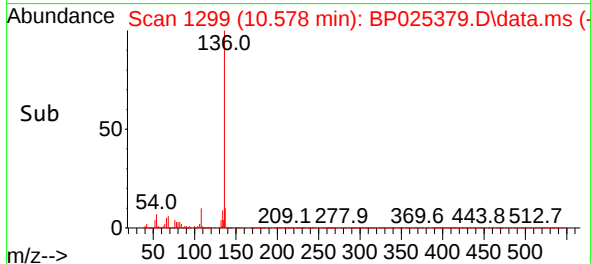
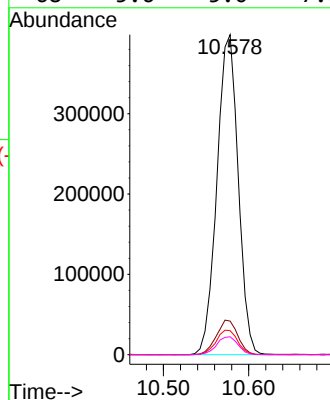
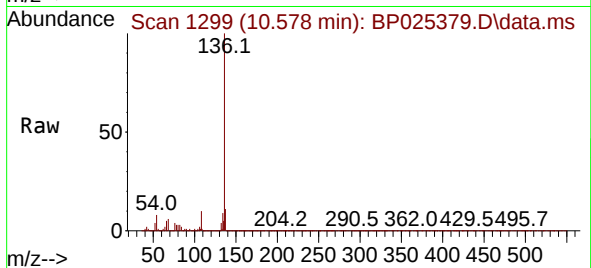
Tgt Ion:	136	Resp:	690484
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.9	13.3
54	7.5	7.0	10.6
68	5.6	5.0	7.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/14/2025



#22

Acetophenone

Concen: 43.464 ng

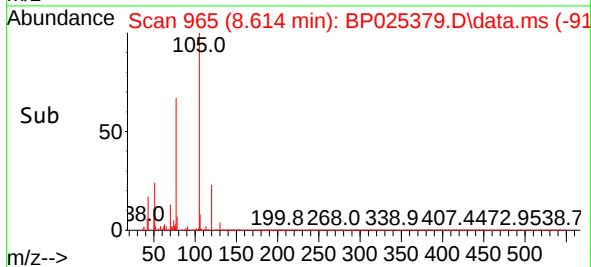
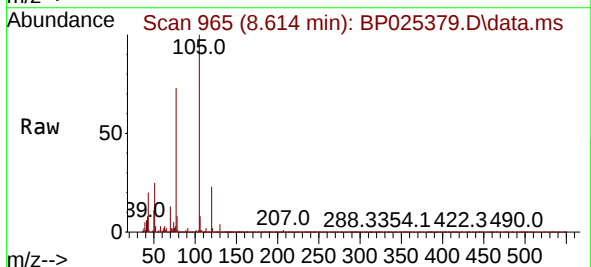
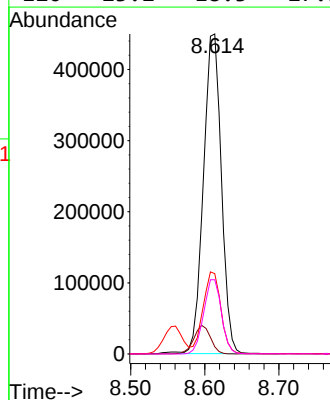
RT: 8.614 min Scan# 965

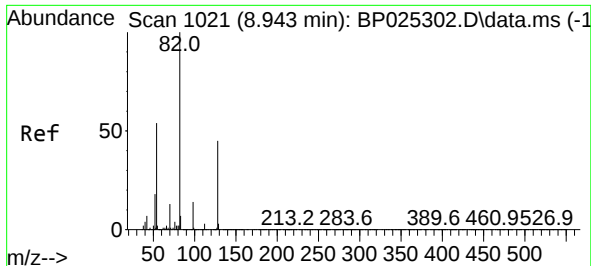
Delta R.T. 0.007 min

Lab File: BP025379.D

Acq: 13 Aug 2025 11:14

Tgt Ion:	105	Resp:	753390
Ion Ratio	Lower	Upper	
105	100		
71	2.3	4.1	6.1#
51	25.1	22.7	34.1
120	23.2	18.3	27.5





#23
Nitrobenzene-d5
Concen: 85.801 ng
RT: 8.943 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Instrument :

BNA_P

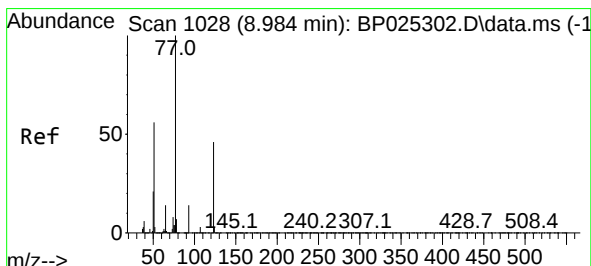
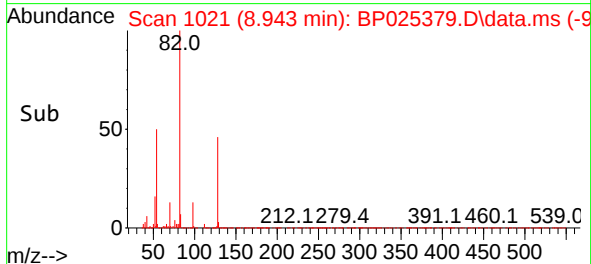
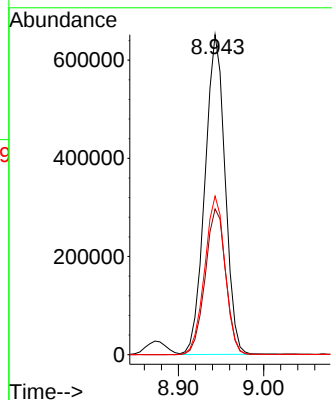
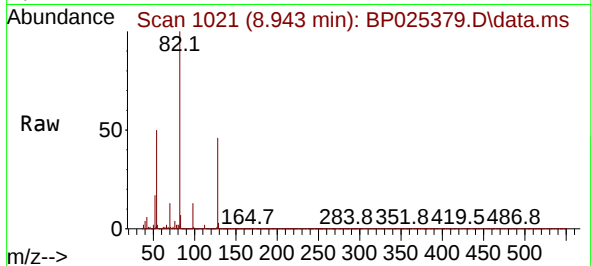
ClientSampleId :

PB169210BS

Tgt Ion: 82 Resp: 106936
Ion Ratio Lower Upper
82 100
128 45.5 35.4 53.2
54 49.5 42.9 64.3

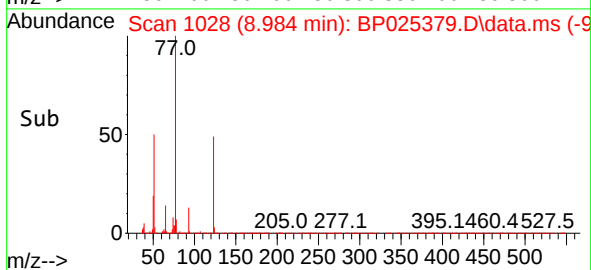
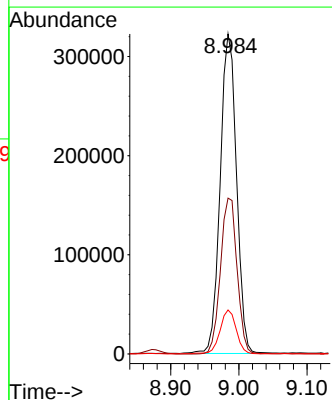
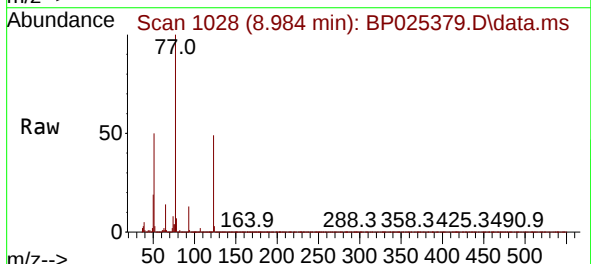
Manual Integrations
APPROVED

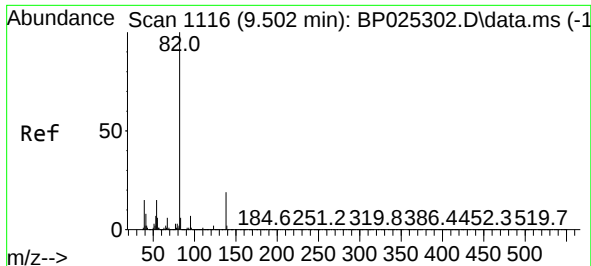
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025



#24
Nitrobenzene
Concen: 45.568 ng
RT: 8.984 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

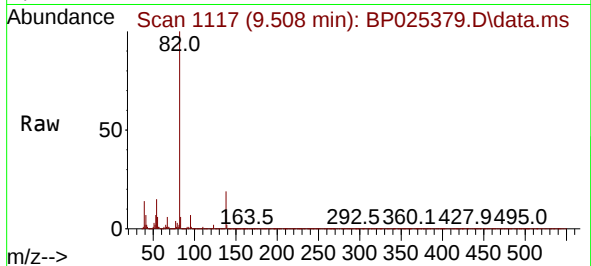
Tgt Ion: 77 Resp: 537609
Ion Ratio Lower Upper
77 100
123 48.7 37.4 56.2
65 13.8 11.1 16.7





#25
Isophorone
Concen: 41.667 ng
RT: 9.508 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

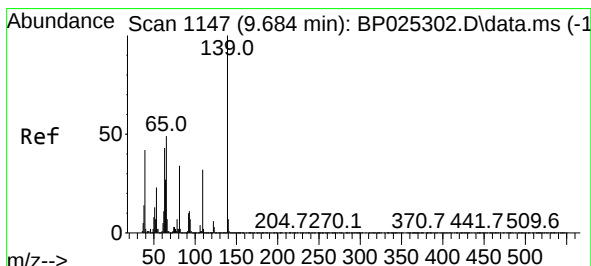
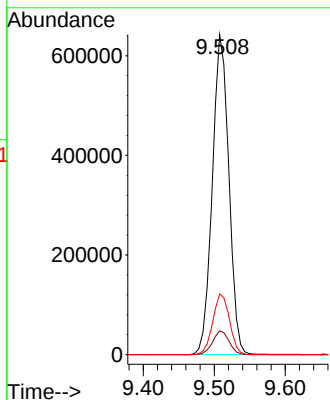
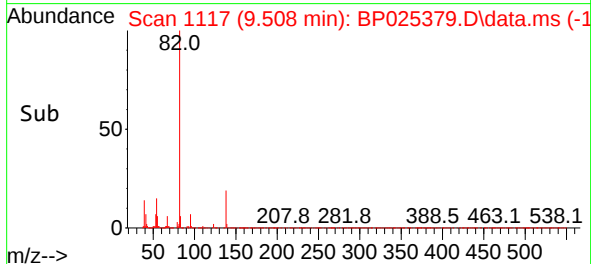
Instrument :
BNA_P
ClientSampleId :
PB169210BS



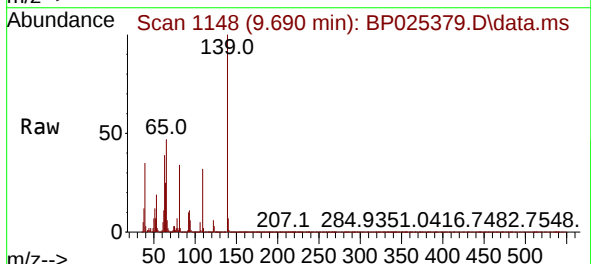
Tgt Ion: 82 Resp: 1033709
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.9 15.0 22.6

Manual Integrations
APPROVED

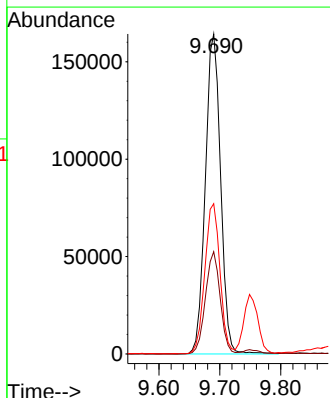
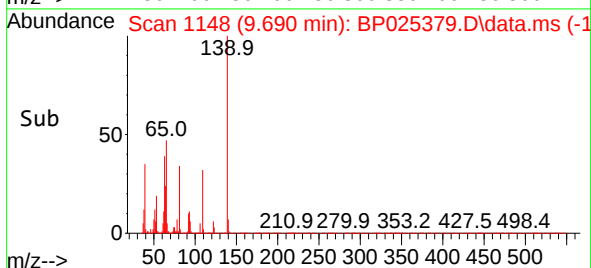
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025

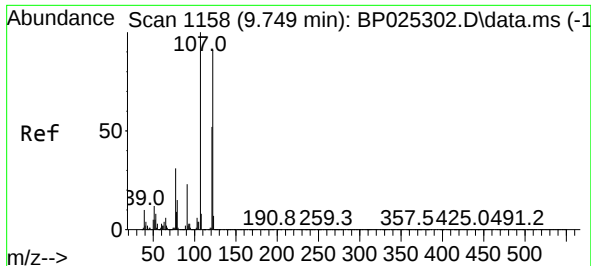


#26
2-Nitrophenol
Concen: 55.137 ng
RT: 9.690 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14



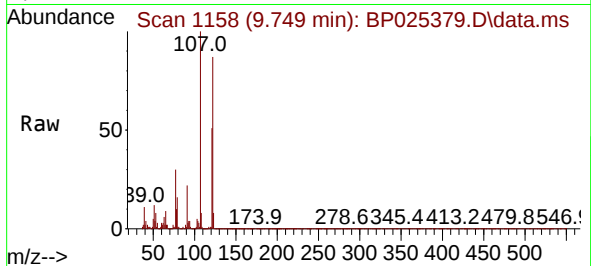
Tgt Ion:139 Resp: 286375
Ion Ratio Lower Upper
139 100
109 32.0 25.2 37.8
65 47.0 39.6 59.4





#27
2,4-Dimethylphenol
Concen: 43.136 ng
RT: 9.749 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

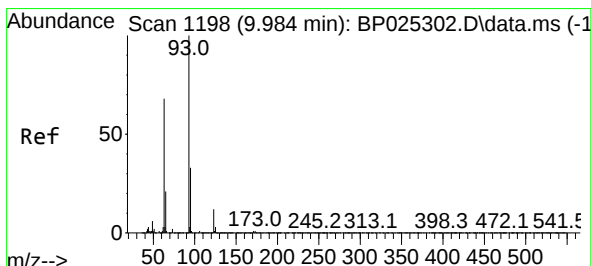
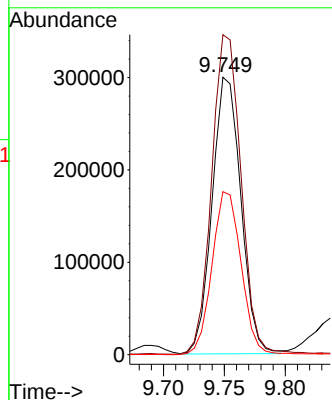
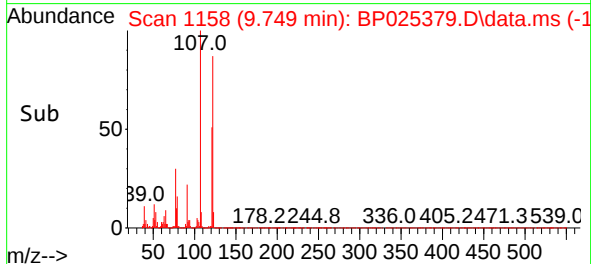
Instrument :
BNA_P
ClientSampleId :
PB169210BS



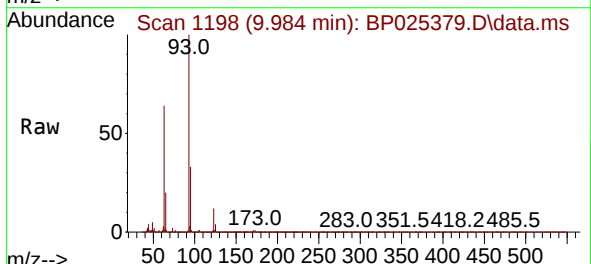
Tgt Ion:122 Resp: 49338
Ion Ratio Lower Upper
122 100
107 115.3 87.4 131.0
121 58.8 45.8 68.8

Manual Integrations
APPROVED

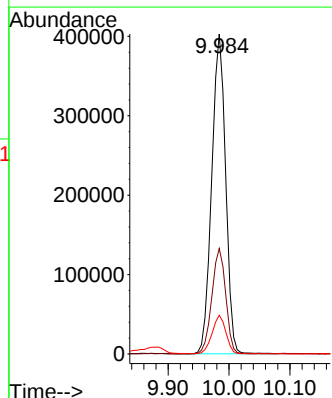
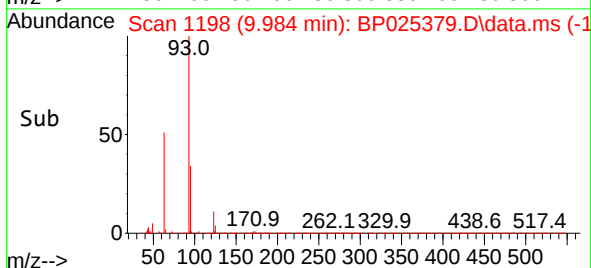
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025

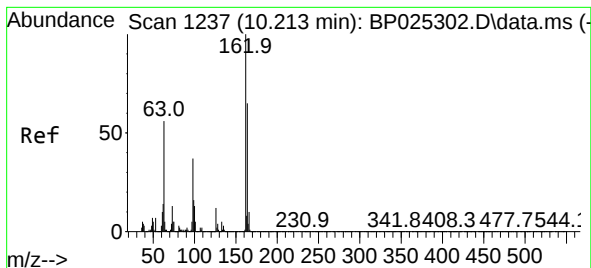


#28
bis(2-Chloroethoxy)methane
Concen: 42.286 ng
RT: 9.984 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14



Tgt Ion: 93 Resp: 638179
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 12.1 9.4 14.2





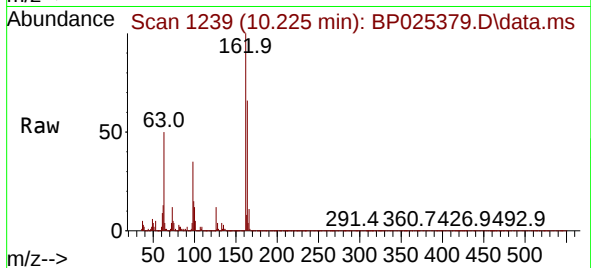
#29
2,4-Dichlorophenol
Concen: 48.800 ng
RT: 10.225 min Scan# 1239
Delta R.T. 0.012 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Instrument :

BNA_P

ClientSampleId :

PB169210BS

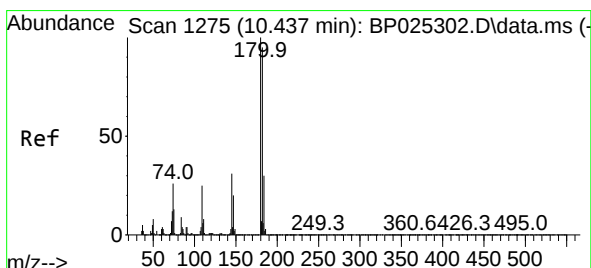
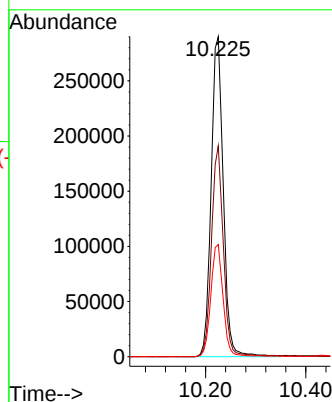
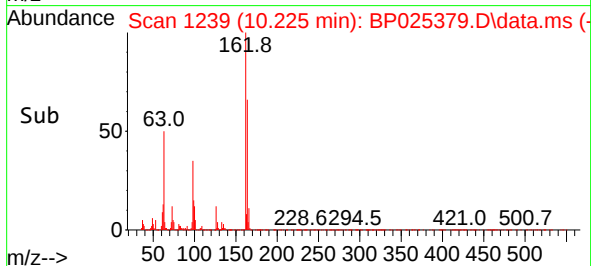


Tgt Ion:162 Resp: 488672
Ion Ratio Lower Upper
162 100
164 65.9 45.2 85.2
98 35.1 17.5 57.5

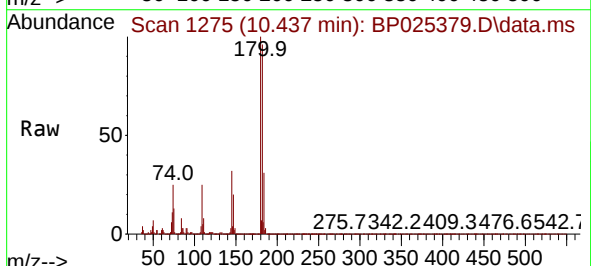
Manual Integrations

APPROVED

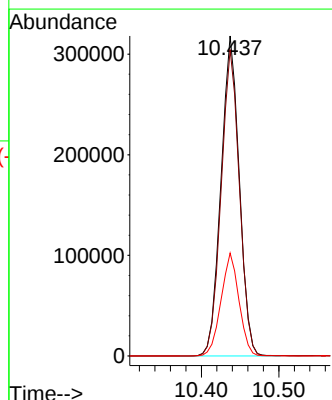
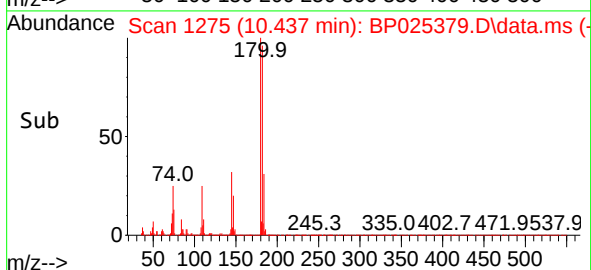
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025

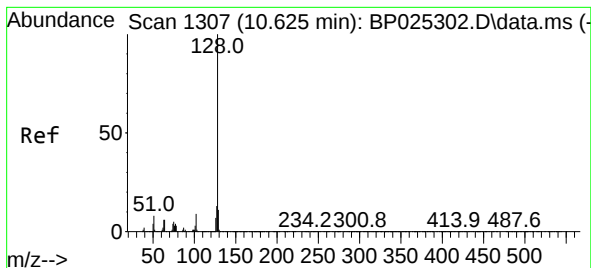


#30
1,2,4-Trichlorobenzene
Concen: 47.375 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14



Tgt Ion:180 Resp: 523381
Ion Ratio Lower Upper
180 100
182 95.7 75.8 113.8
145 32.1 25.0 37.4





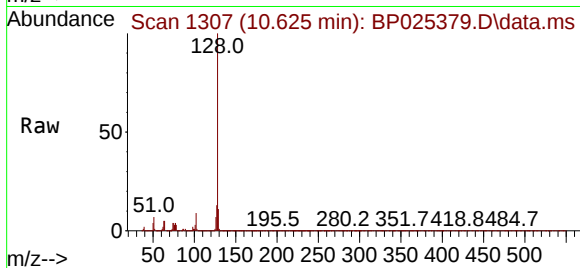
#31
Naphthalene
Concen: 44.407 ng
RT: 10.625 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Instrument :

BNP_P

ClientSampleId :

PB169210BS



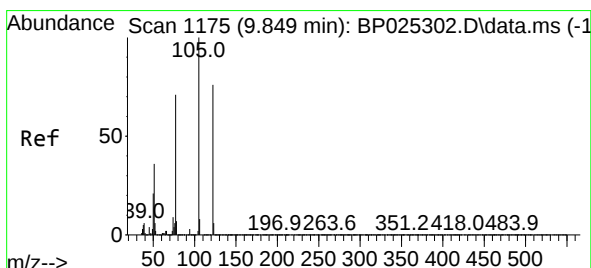
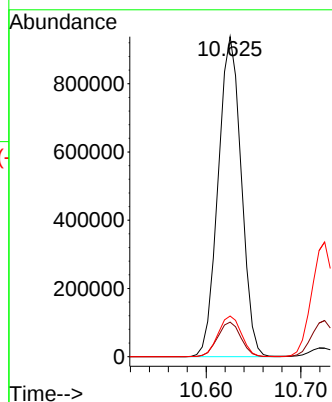
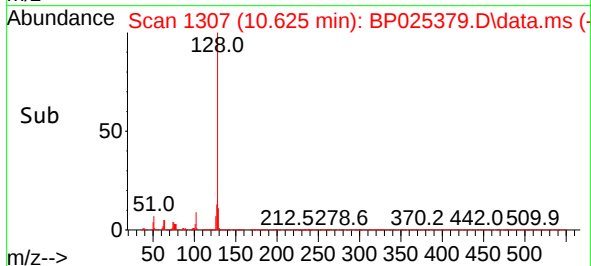
Tgt Ion:128 Resp: 1591759
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.7 10.4 15.6

Manual Integrations

APPROVED

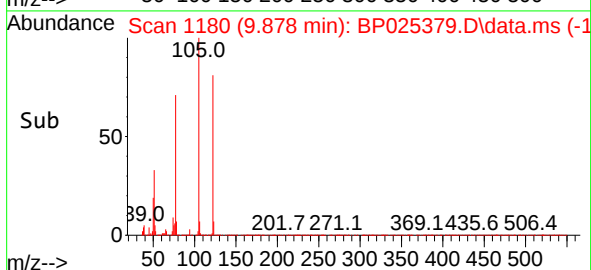
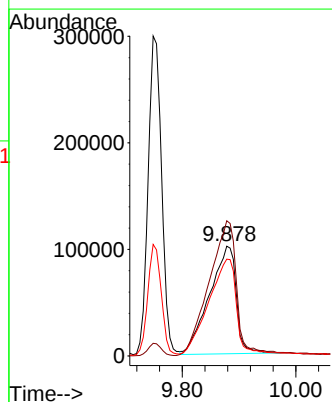
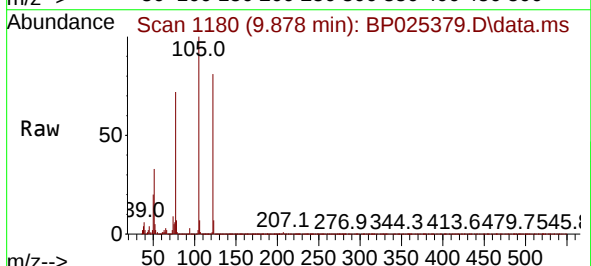
Reviewed By :Rahul Chavli 08/14/2025

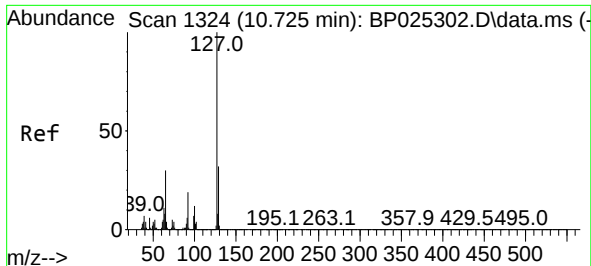
Supervised By :Jagrut Upadhyay 08/14/2025



#32
Benzoic acid
Concen: 49.903 ng
RT: 9.878 min Scan# 1180
Delta R.T. 0.029 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Tgt Ion:122 Resp: 330949
Ion Ratio Lower Upper
122 100
105 123.3 104.0 144.0
77 88.2 71.8 111.8





#33
4-Chloroaniline
Concen: 37.218 ng
RT: 10.725 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Instrument :

BNA_P

ClientSampleId :

PB169210BS

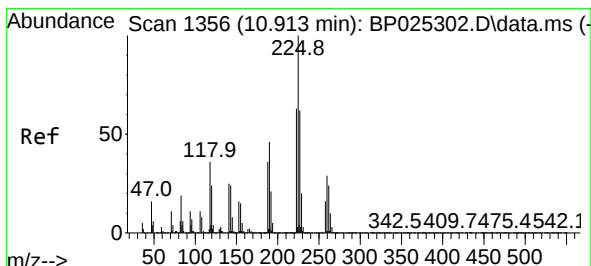
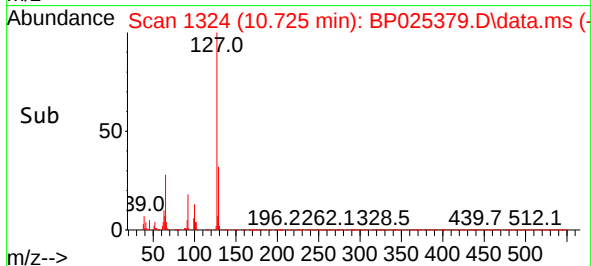
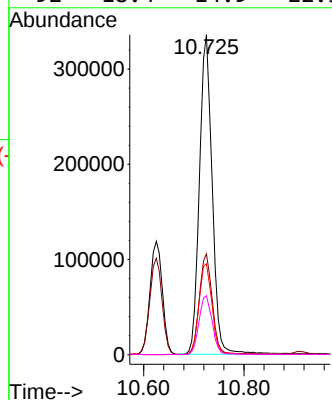
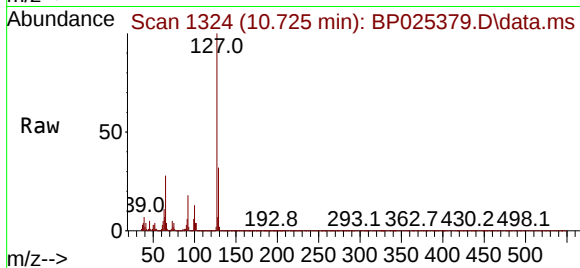
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.8	38.6
65	28.4	23.6	35.4
92	18.4	14.9	22.3

Manual Integrations

APPROVED

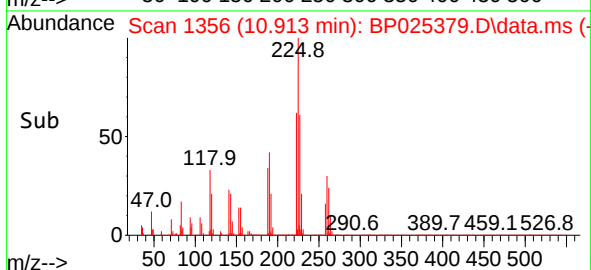
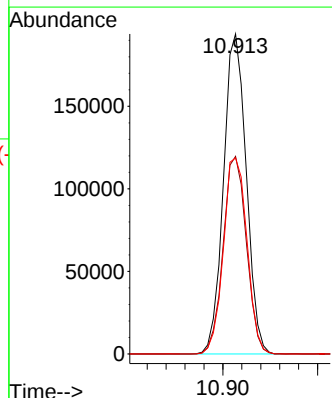
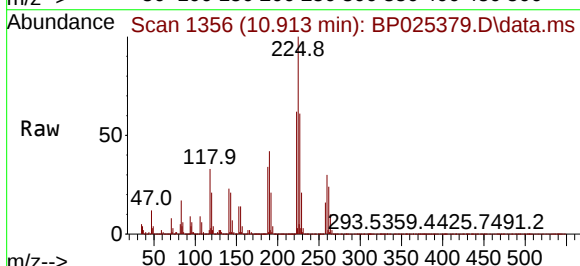
Reviewed By :Rahul Chavli 08/14/2025

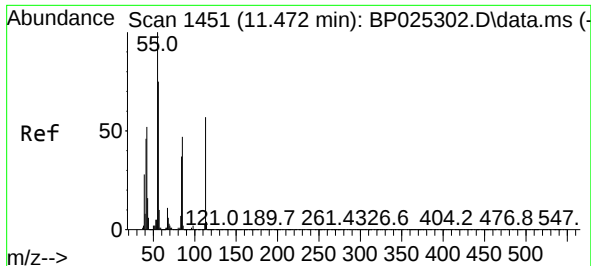
Supervised By :Jagrut Upadhyay 08/14/2025



#34
Hexachlorobutadiene
Concen: 50.969 ng
RT: 10.913 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

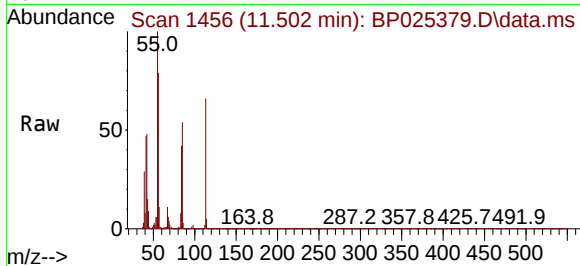
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.3	75.5
227	61.2	49.7	74.5





#35
Caprolactam
Concen: 44.130 ng
RT: 11.502 min Scan# 1451
Delta R.T. 0.030 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

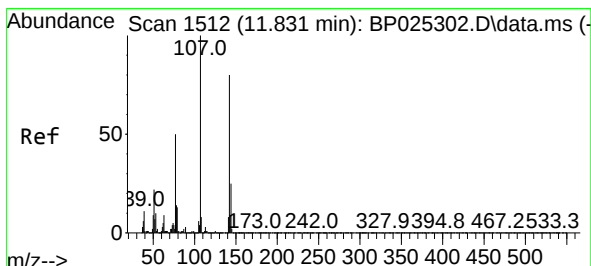
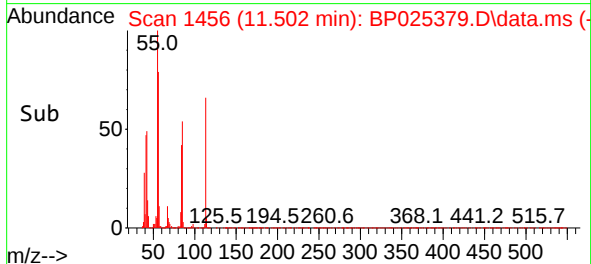
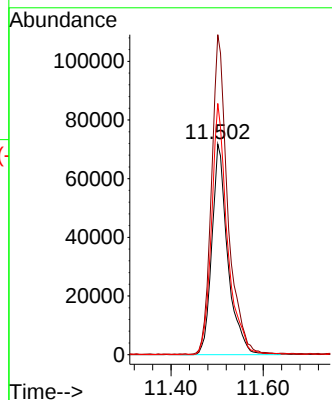
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion:113 Resp: 171432
Ion Ratio Lower Upper
113 100
55 152.0 154.4 194.4
56 119.3 110.9 150.9

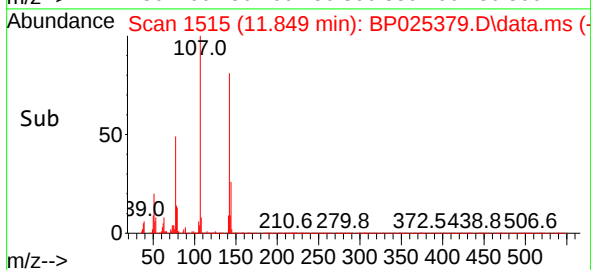
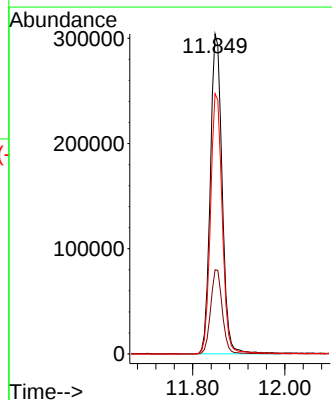
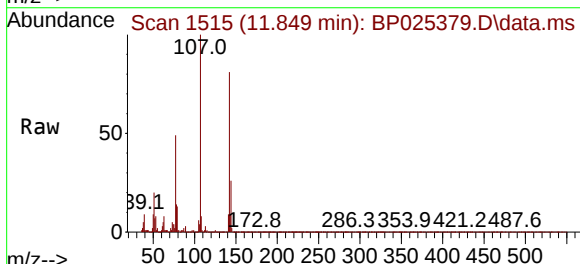
Manual Integrations
APPROVED

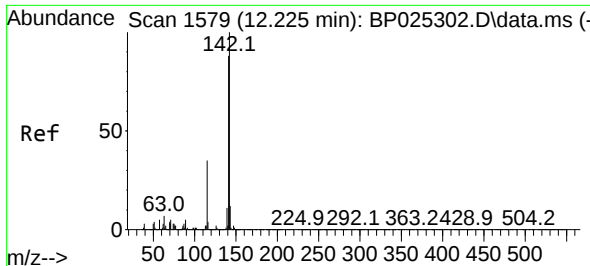
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025



#36
4-Chloro-3-methylphenol
Concen: 46.964 ng
RT: 11.849 min Scan# 1515
Delta R.T. 0.018 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Tgt Ion:107 Resp: 544166
Ion Ratio Lower Upper
107 100
144 26.3 20.4 30.6
142 81.3 63.7 95.5





#37
2-Methylnaphthalene
Concen: 43.839 ng
RT: 12.237 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Instrument :

BNA_P

ClientSampleId :

PB169210BS

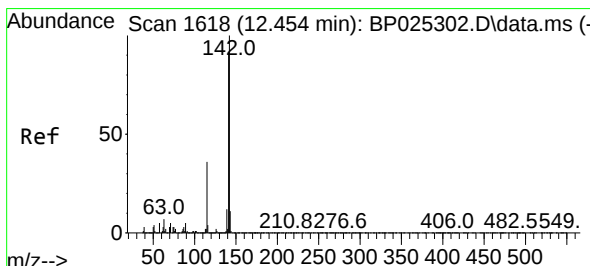
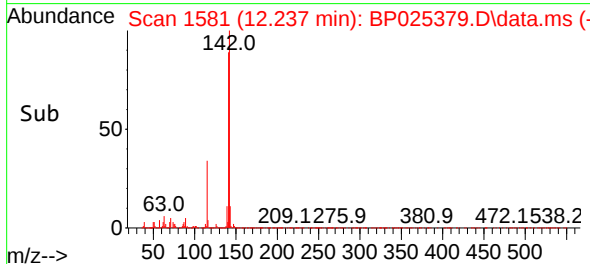
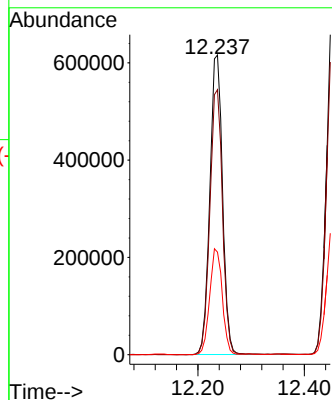
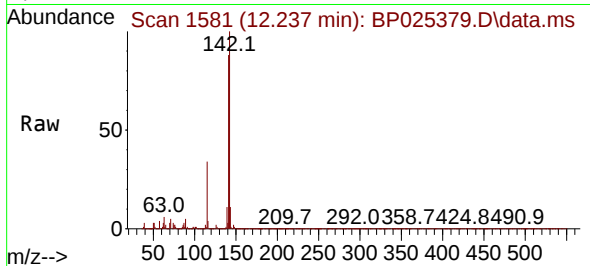
Tgt Ion:142 Resp: 101710
Ion Ratio Lower Upper
142 100
141 88.4 70.4 105.6
115 34.2 28.0 42.0

Manual Integrations

APPROVED

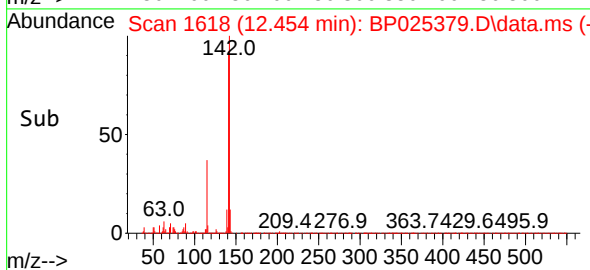
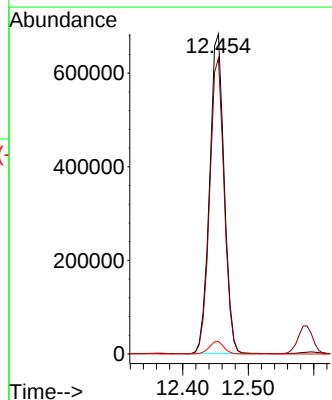
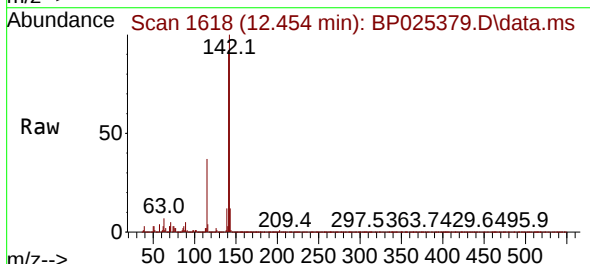
Reviewed By :Rahul Chavli 08/14/2025

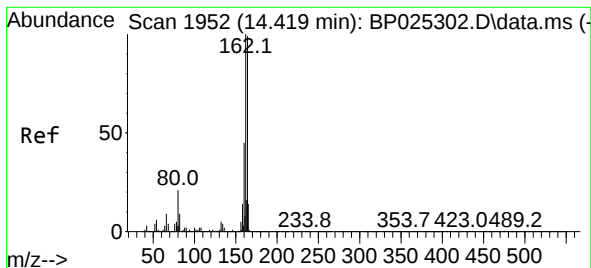
Supervised By :Jagrut Upadhyay 08/14/2025



#38
1-Methylnaphthalene
Concen: 43.679 ng
RT: 12.454 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Tgt Ion:142 Resp: 1057382
Ion Ratio Lower Upper
142 100
141 92.4 73.0 109.6
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.425 min Scan# 1953

Delta R.T. 0.006 min

Lab File: BP025379.D

Acq: 13 Aug 2025 11:14

Instrument :

BNA_P

ClientSampleId :

PB169210BS

Tgt Ion:164 Resp: 41648

Ion Ratio Lower Upper

164 100

162 100.4 80.6 120.8

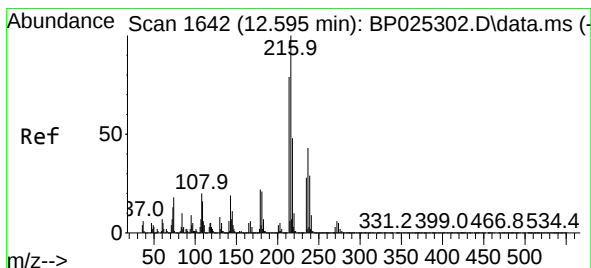
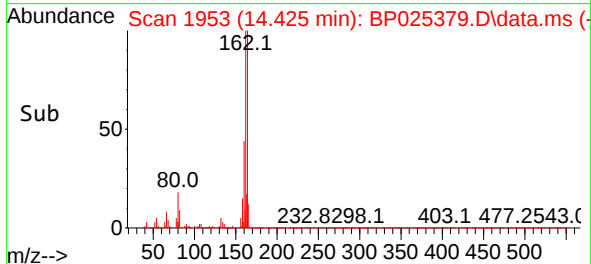
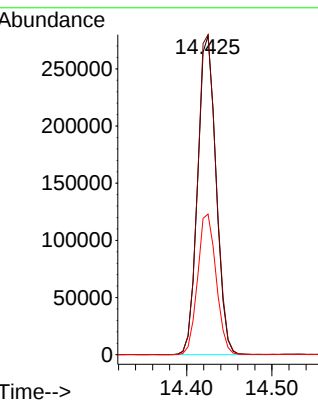
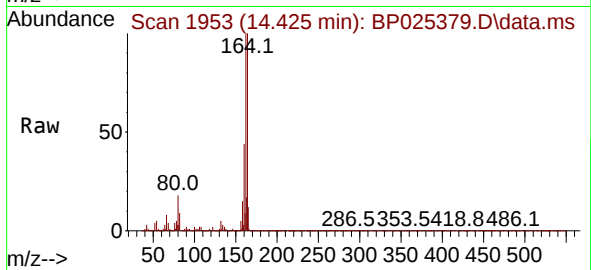
160 44.1 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/14/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.180 ng

RT: 12.602 min Scan# 1643

Delta R.T. 0.007 min

Lab File: BP025379.D

Acq: 13 Aug 2025 11:14

Tgt Ion:216 Resp: 570573

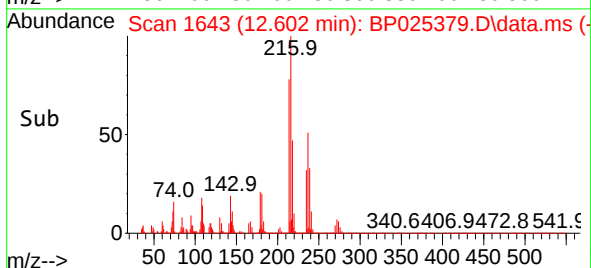
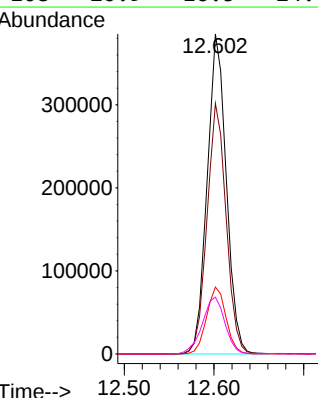
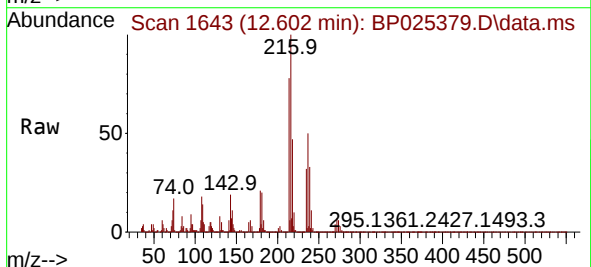
Ion Ratio Lower Upper

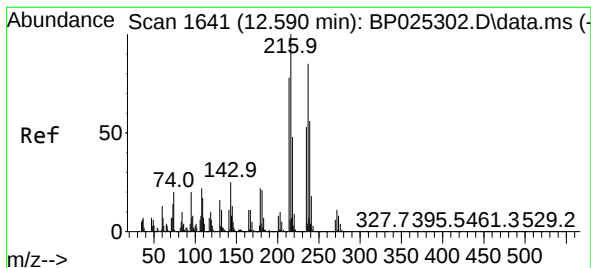
216 100

214 78.2 62.4 93.6

179 21.4 17.5 26.3

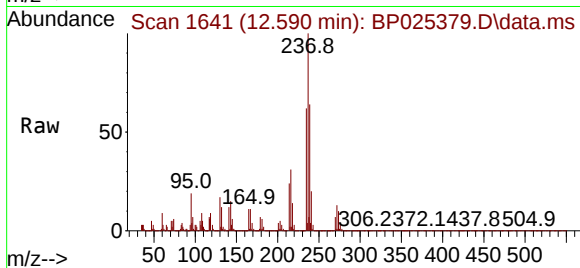
108 20.9 16.5 24.7





#41
Hexachlorocyclopentadiene
Concen: 109.716 ng
RT: 12.590 min Scan# 10
Delta R.T. -0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

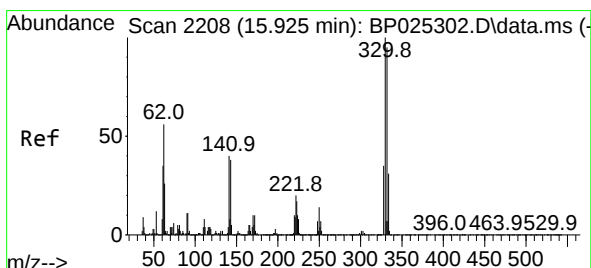
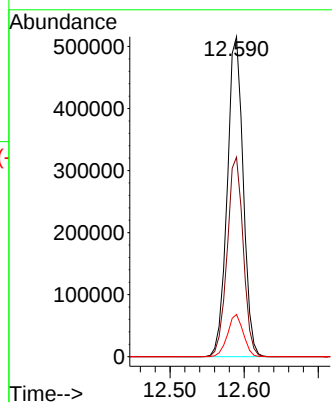
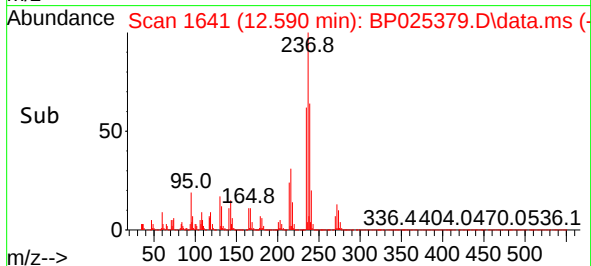
Instrument :
BNA_P
ClientSampleId :
PB169210BS



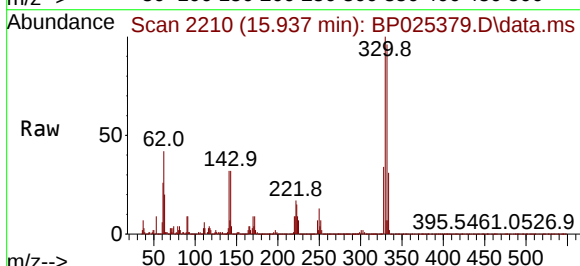
Tgt Ion: 237 Resp: 769968
Ion Ratio Lower Upper
237 100
235 62.3 42.2 82.2
272 13.2 0.0 32.8

Manual Integrations
APPROVED

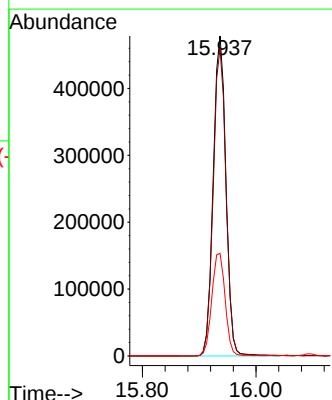
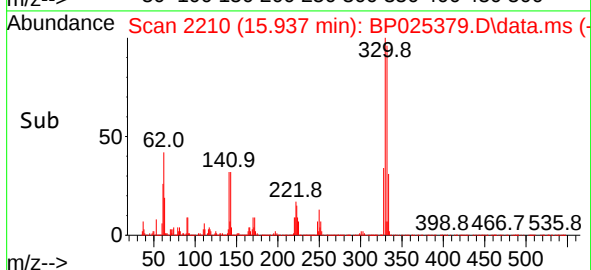
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025

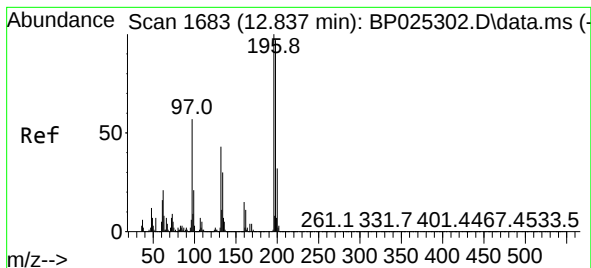


#42
2,4,6-Tribromophenol
Concen: 178.336 ng
RT: 15.937 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14



Tgt Ion: 330 Resp: 740966
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 33.6 31.7 47.5





#43

2,4,6-Trichlorophenol

Concen: 53.989 ng

RT: 12.843 min Scan# 1683

Delta R.T. 0.006 min

Lab File: BP025379.D

Acq: 13 Aug 2025 11:14

Instrument :

BNA_P

ClientSampleId :

PB169210BS

Tgt Ion:196 Resp: 396560

Ion Ratio Lower Upper

196 100

198 95.8 77.3 115.9

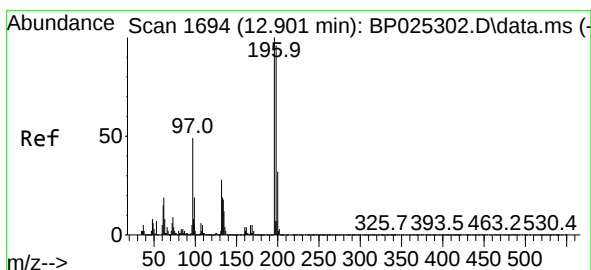
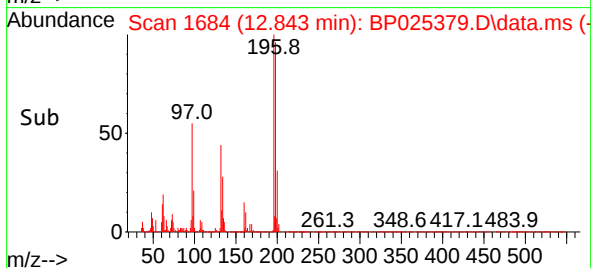
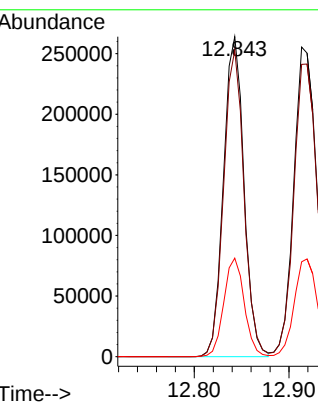
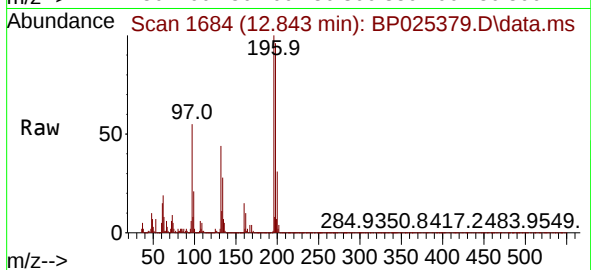
200 30.8 25.4 38.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/14/2025



#44

2,4,5-Trichlorophenol

Concen: 52.643 ng

RT: 12.913 min Scan# 1696

Delta R.T. 0.012 min

Lab File: BP025379.D

Acq: 13 Aug 2025 11:14

Tgt Ion:196 Resp: 433772

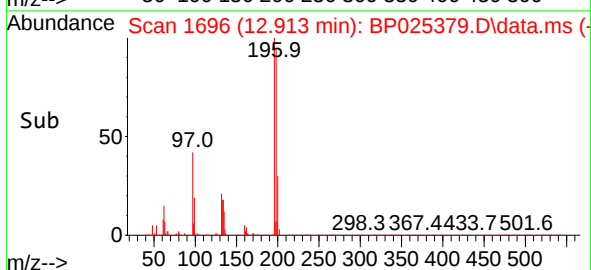
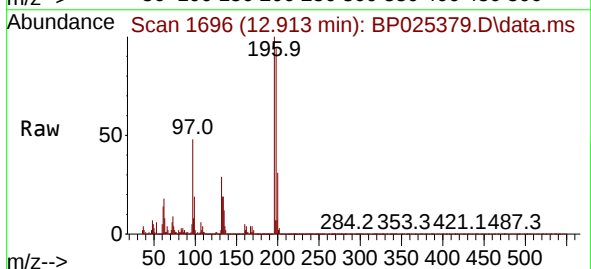
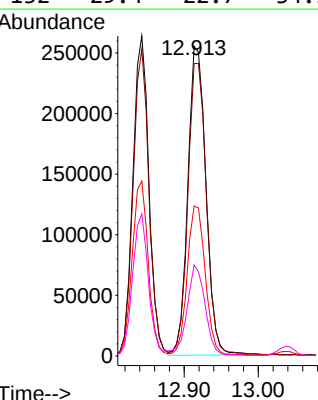
Ion Ratio Lower Upper

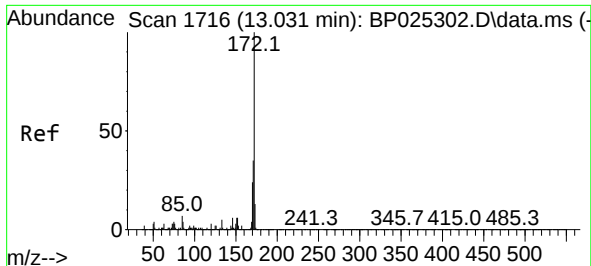
196 100

198 94.5 76.6 114.8

97 48.4 39.5 59.3

132 29.4 22.7 34.1





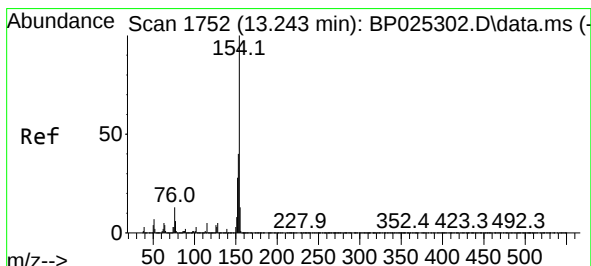
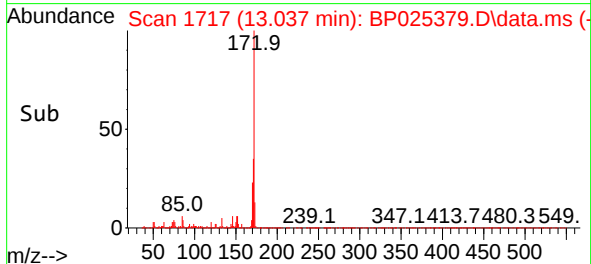
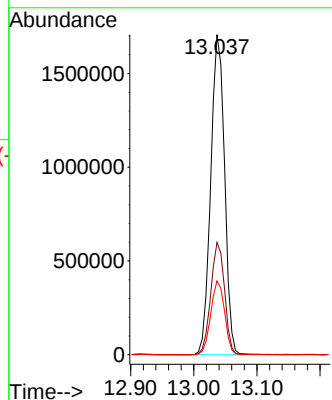
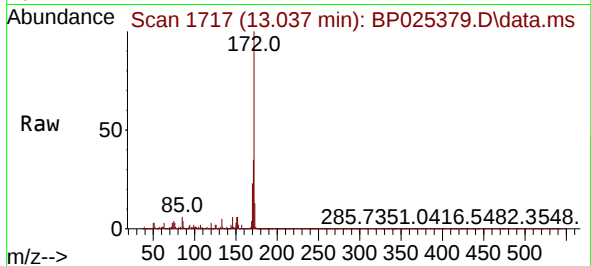
#45
2-Fluorobiphenyl
Concen: 86.229 ng
RT: 13.037 min Scan# 1716
Delta R.T. 0.006 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Instrument :
BNA_P
ClientSampleId :
PB169210BS

Tgt Ion:172 Resp: 260011
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.0 18.9 28.3

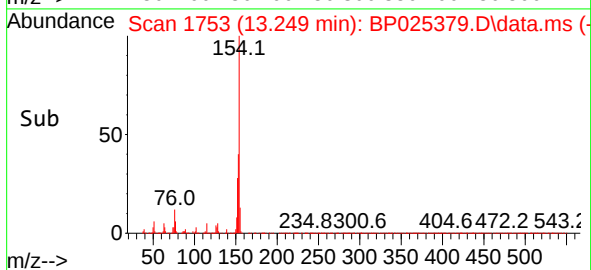
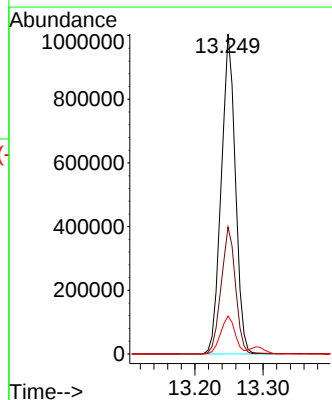
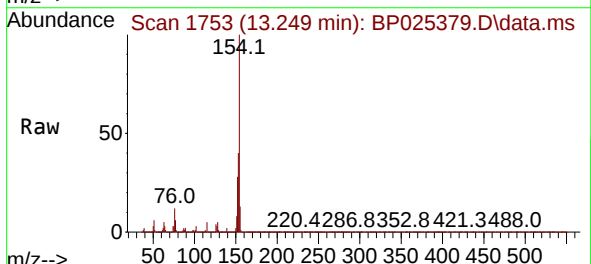
Manual Integrations
APPROVED

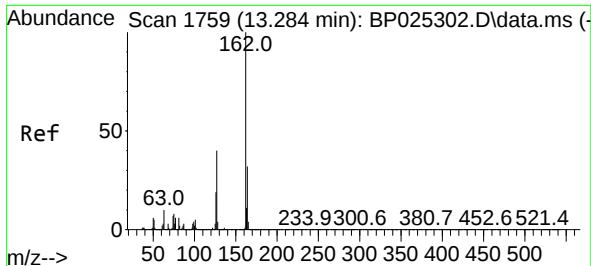
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025



#46
1,1'-Biphenyl
Concen: 47.313 ng
RT: 13.249 min Scan# 1753
Delta R.T. 0.006 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Tgt Ion:154 Resp: 1452155
Ion Ratio Lower Upper
154 100
153 39.7 19.9 59.9
76 11.9 0.0 33.2





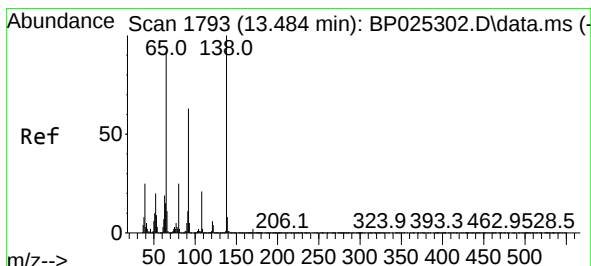
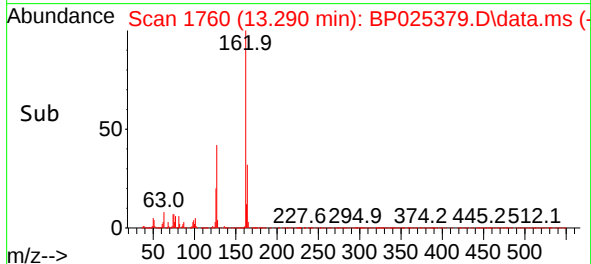
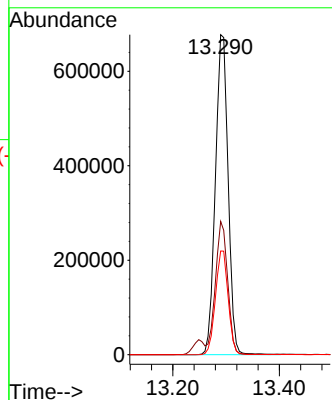
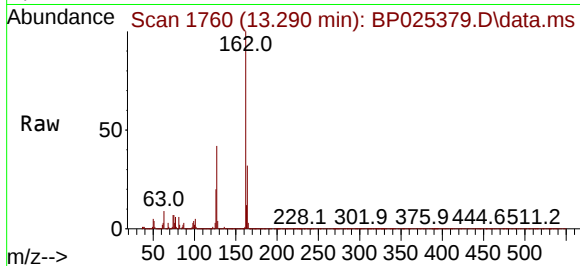
#47
2-Chloronaphthalene
Concen: 47.954 ng
RT: 13.290 min Scan# 1760
Delta R.T. 0.006 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Instrument :
BNA_P
ClientSampleId :
PB169210BS

Tgt Ion: 162 Resp: 112289
Ion Ratio Lower Upper
162 100
127 41.7 32.2 48.2
164 32.4 25.9 38.9

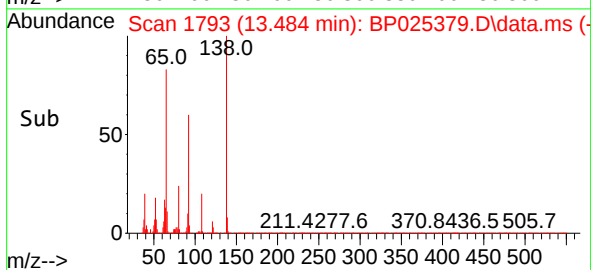
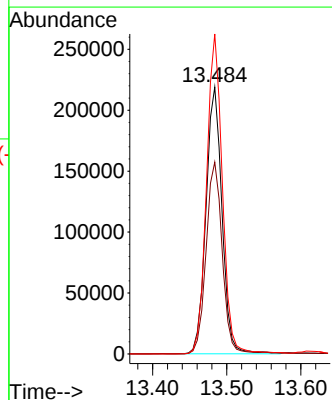
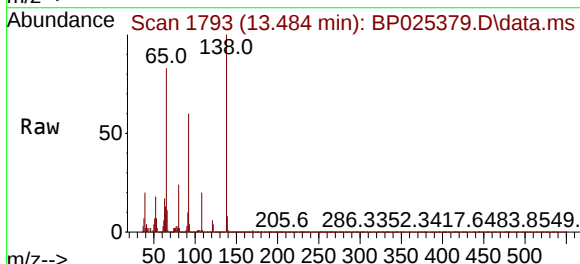
Manual Integrations
APPROVED

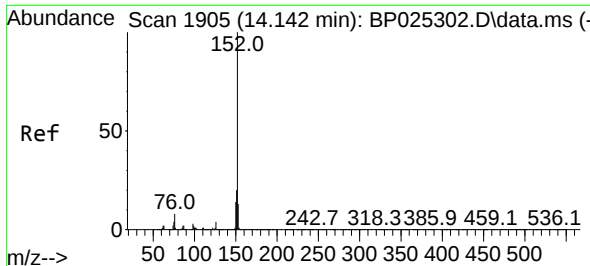
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025



#48
2-Nitroaniline
Concen: 48.212 ng
RT: 13.484 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Tgt Ion: 65 Resp: 330804
Ion Ratio Lower Upper
65 100
92 71.9 54.4 81.6
138 119.9 87.0 130.4





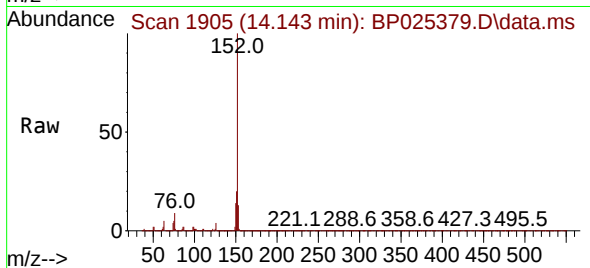
#49
Acenaphthylene
Concen: 47.799 ng
RT: 14.143 min Scan# 1905
Delta R.T. 0.001 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Instrument :

BNA_P

ClientSampleId :

PB169210BS



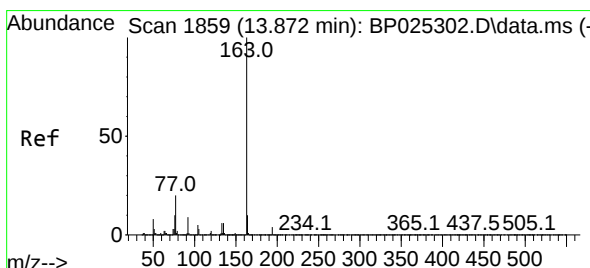
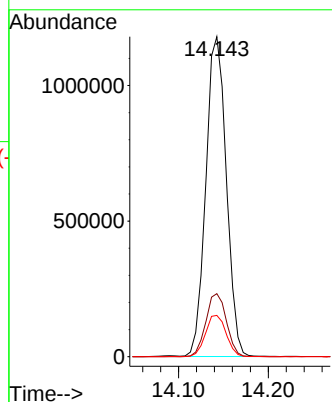
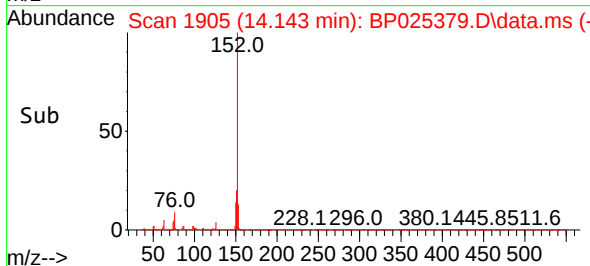
Tgt Ion:152 Resp: 186697
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 12.9 10.4 15.6

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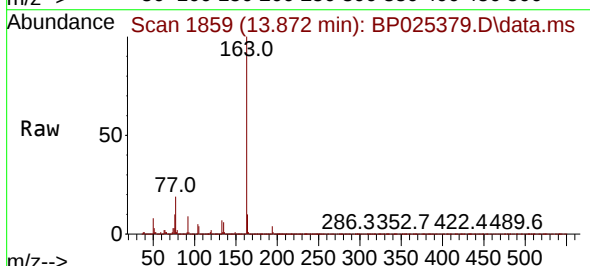
APPROVED

Reviewed By :Rahul Chavli 08/14/2025

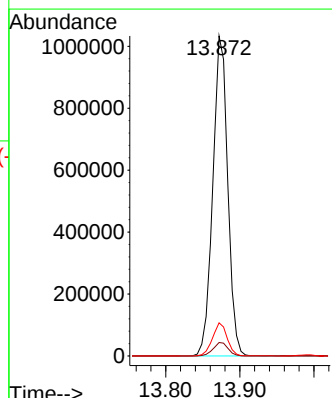
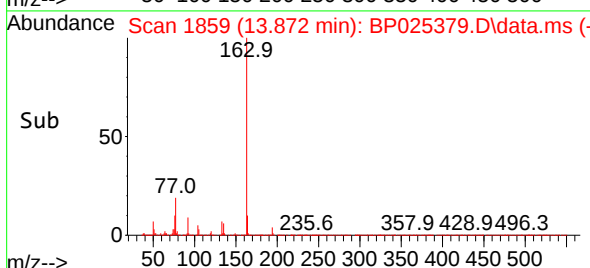
Supervised By :Jagrut Upadhyay 08/14/2025

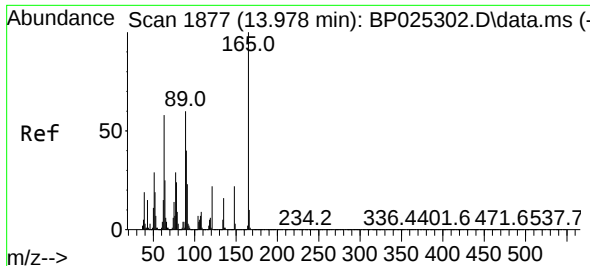


#50
Dimethylphthalate
Concen: 47.565 ng
RT: 13.872 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14



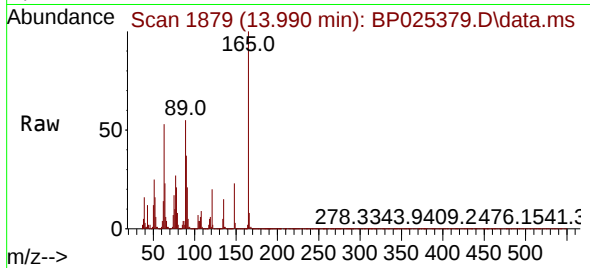
Tgt Ion:163 Resp: 1444126
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 56.558 ng
RT: 13.990 min Scan# 1879
Delta R.T. 0.012 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

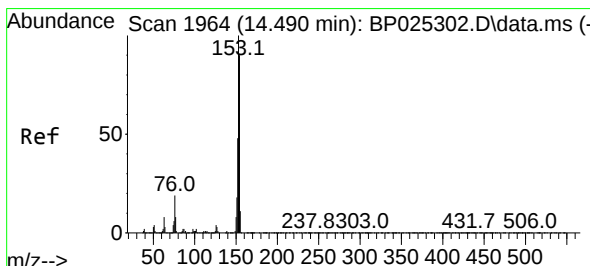
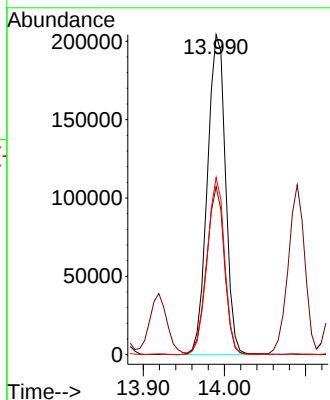
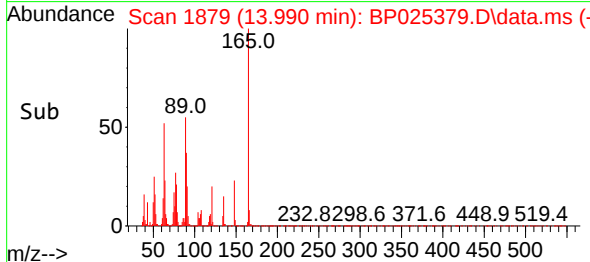
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion:165 Resp: 316740
Ion Ratio Lower Upper
165 100
63 52.6 47.6 71.4
89 55.3 47.8 71.8

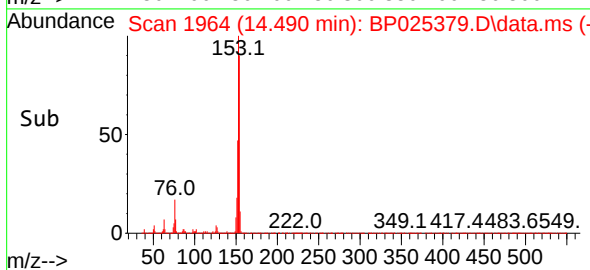
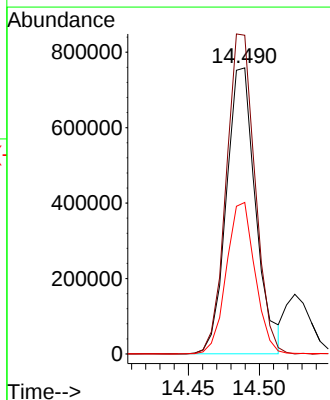
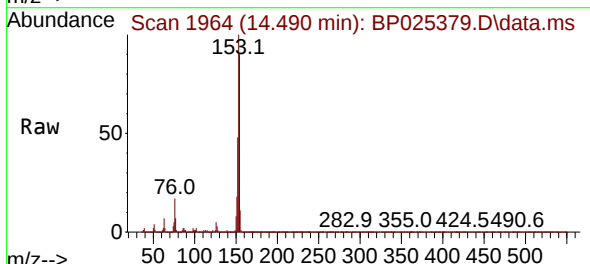
Manual Integrations
APPROVED

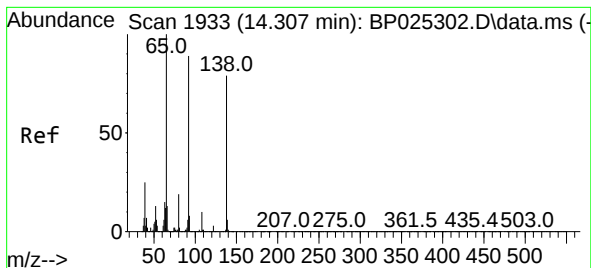
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025



#52
Acenaphthene
Concen: 45.724 ng
RT: 14.490 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

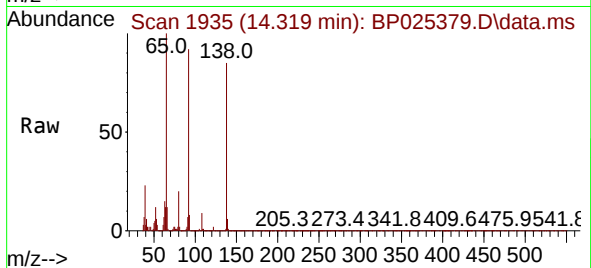
Tgt Ion:154 Resp: 1089355
Ion Ratio Lower Upper
154 100
153 111.4 89.4 134.0
152 52.9 43.0 64.6





#53
3-Nitroaniline
Concen: 47.069 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.012 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

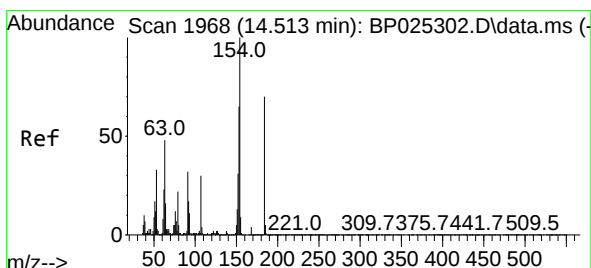
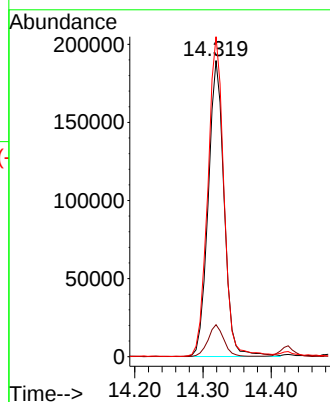
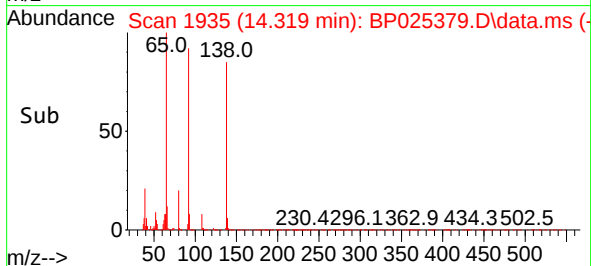
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion:138 Resp: 30844
Ion Ratio Lower Upper
138 100
108 10.8 10.5 15.7
92 108.1 90.9 136.3

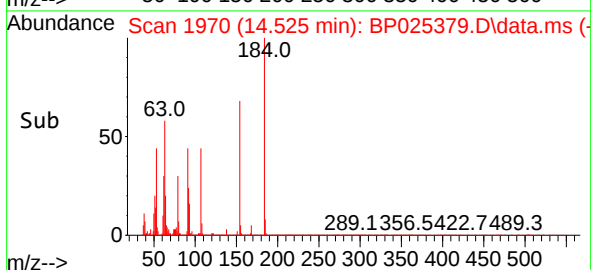
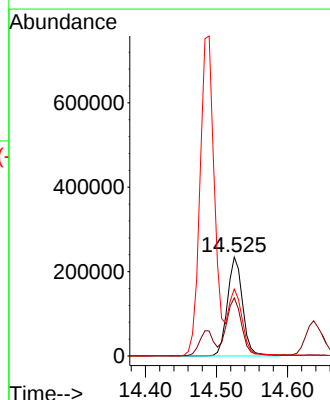
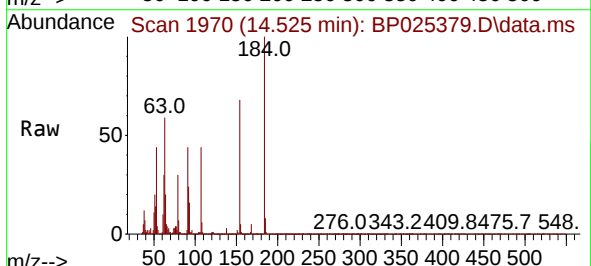
Manual Integrations
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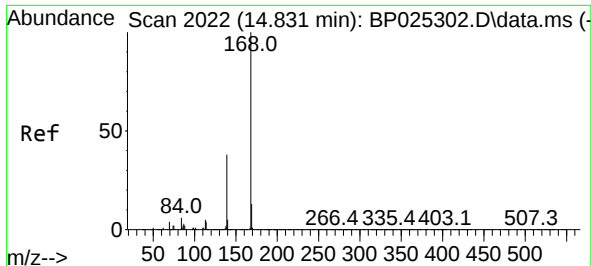
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025



#54
2,4-Dinitrophenol
Concen: 97.842 ng
RT: 14.525 min Scan# 1970
Delta R.T. 0.012 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

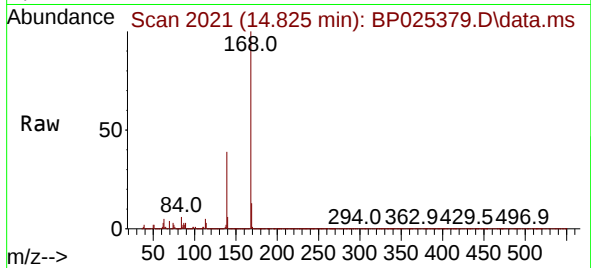
Tgt Ion:184 Resp: 347705
Ion Ratio Lower Upper
184 100
63 58.7 56.3 84.5
154 67.5 124.5 186.7#





#55
Dibenzenofuran
Concen: 47.512 ng
RT: 14.825 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

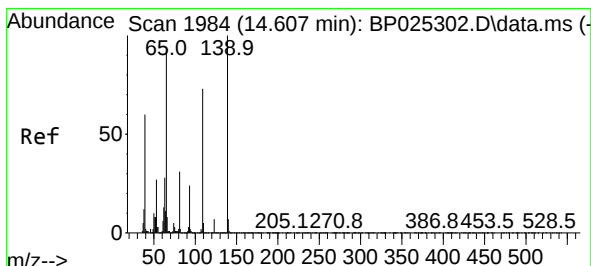
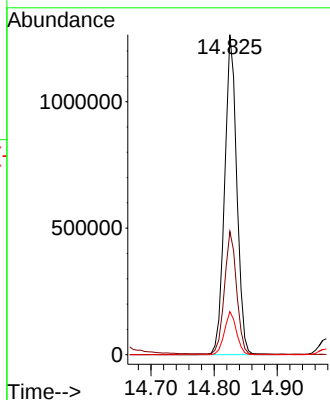
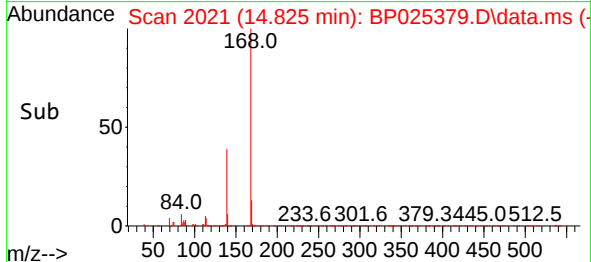
Instrument :
BNA_P
ClientSampleId :
PB169210BS



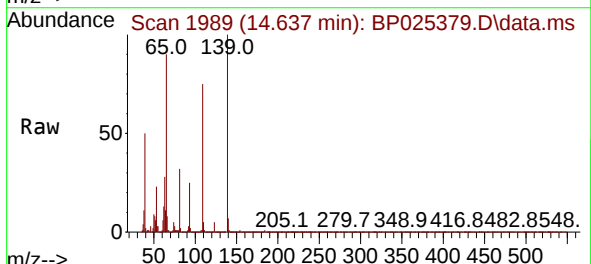
Tgt Ion:168 Resp: 1691570
Ion Ratio Lower Upper
168 100
139 38.5 30.5 45.7
169 13.5 10.6 15.8

Manual Integrations
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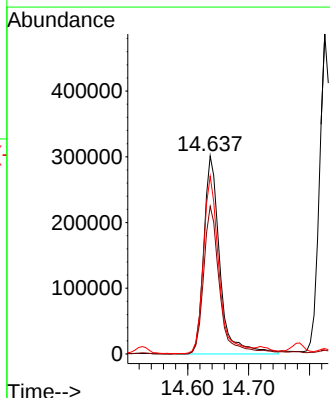
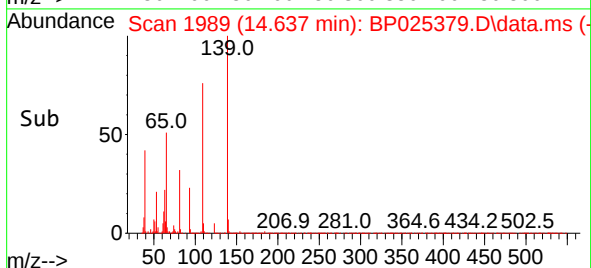
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025

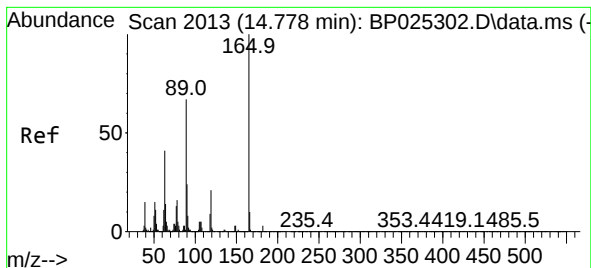


#56
4-Nitrophenol
Concen: 95.666 ng
RT: 14.637 min Scan# 1989
Delta R.T. 0.030 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14



Tgt Ion:139 Resp: 553277
Ion Ratio Lower Upper
139 100
109 74.6 52.7 92.7
65 89.8 73.4 113.4





#57
2,4-Dinitrotoluene
Concen: 51.617 ng
RT: 14.784 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Instrument :

BNA_P

ClientSampleId :

PB169210BS

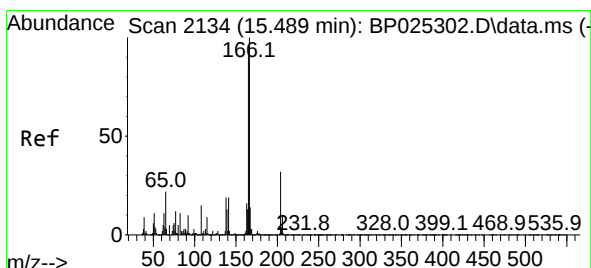
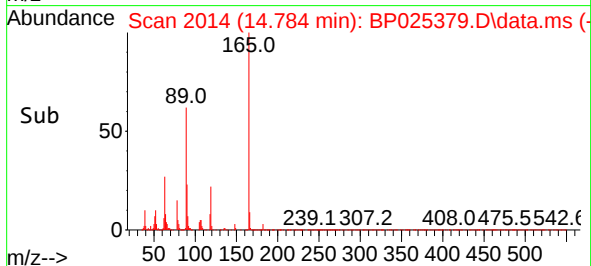
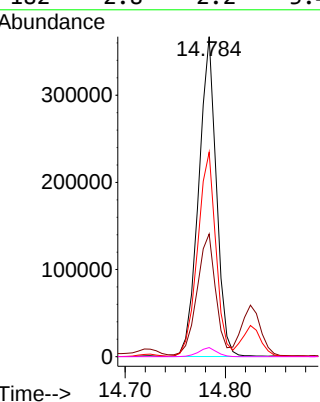
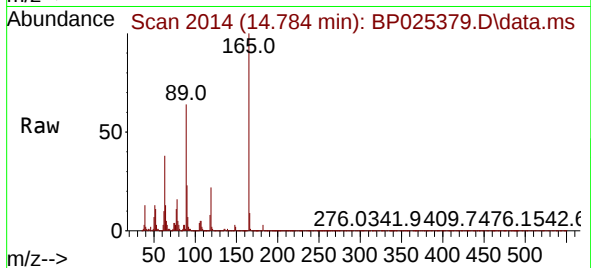
Tgt Ion:165 Resp: 450385
Ion Ratio Lower Upper
165 100
63 38.3 33.2 49.8
89 63.9 53.5 80.3
182 2.8 2.2 3.4

Manual Integrations

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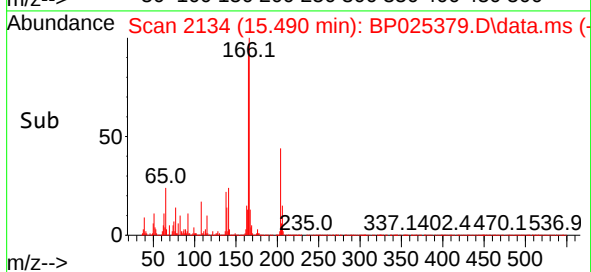
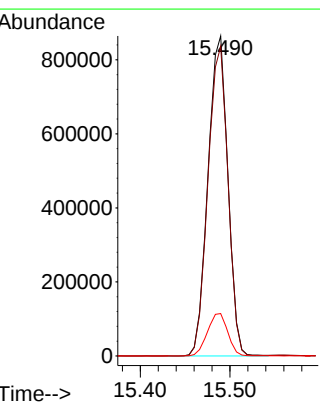
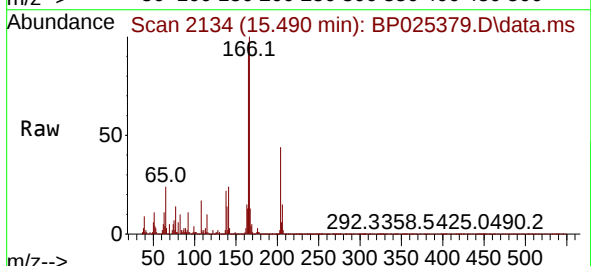
Reviewed By :Rahul Chavli 08/14/2025

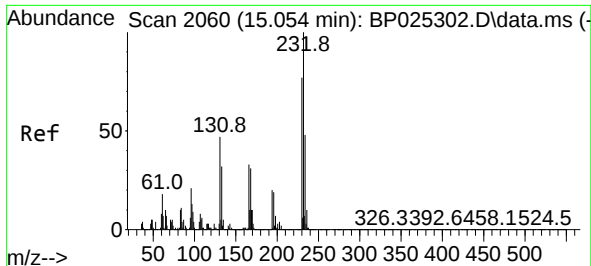
Supervised By :Jagrut Upadhyay 08/14/2025



#58
Fluorene
Concen: 47.600 ng
RT: 15.490 min Scan# 2134
Delta R.T. 0.001 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

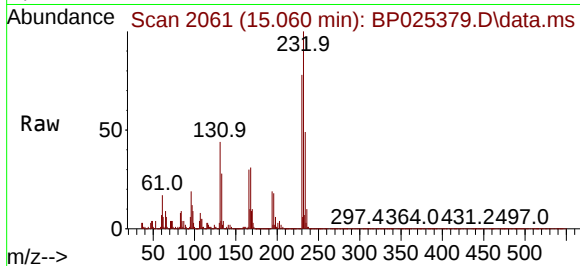
Tgt Ion:166 Resp: 1331045
Ion Ratio Lower Upper
166 100
165 96.7 76.7 115.1
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.537 ng
RT: 15.060 min Scan# 2060
Delta R.T. 0.006 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

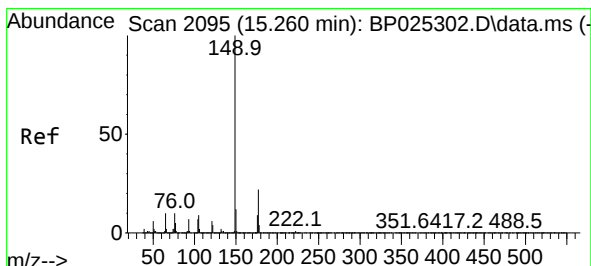
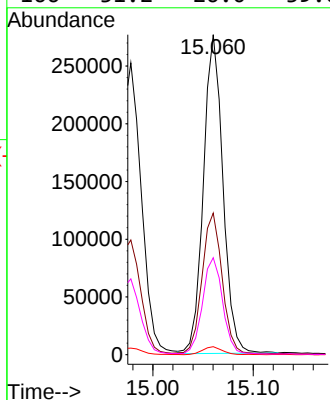
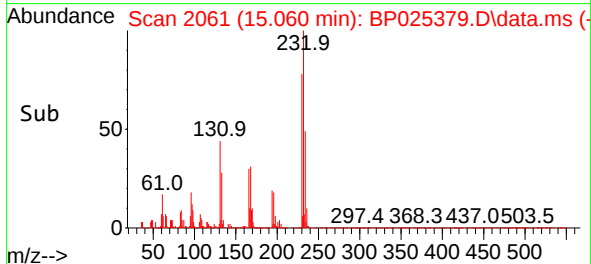
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion:232 Resp: 375379
Ion Ratio Lower Upper
232 100
131 46.4 39.3 58.9
130 2.6 2.2 3.2
166 31.2 26.0 39.0

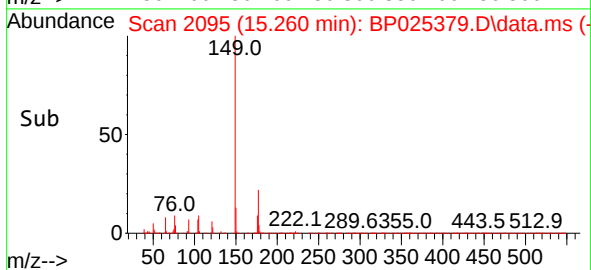
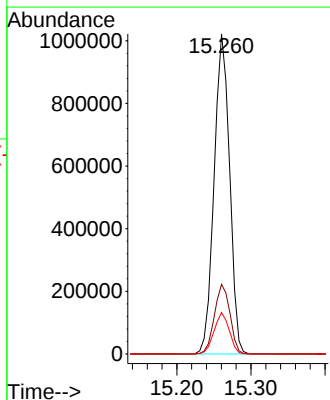
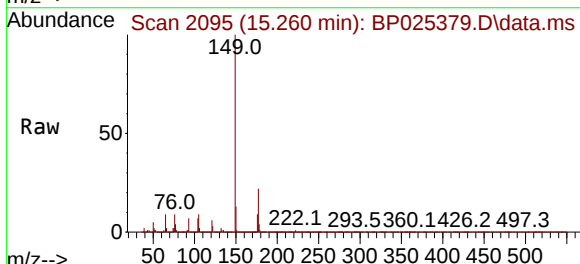
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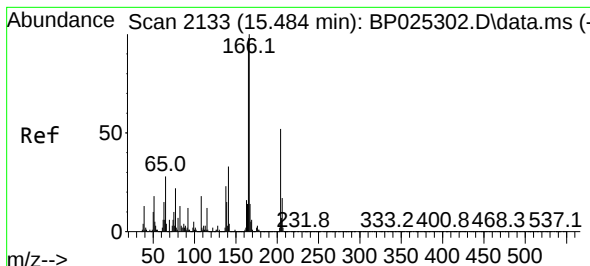
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025



#60
Diethylphthalate
Concen: 48.381 ng
RT: 15.260 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

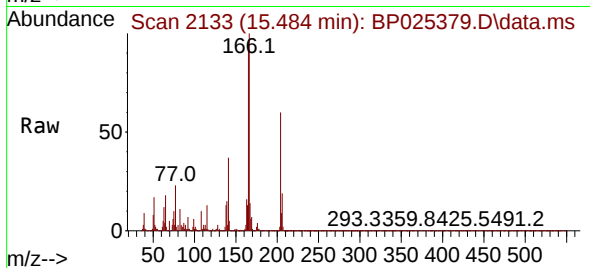
Tgt Ion:149 Resp: 1480930
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.2
150 12.9 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 49.362 ng
RT: 15.484 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

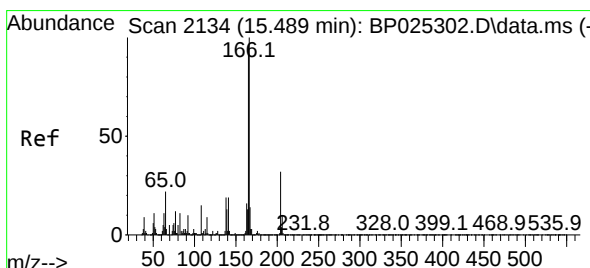
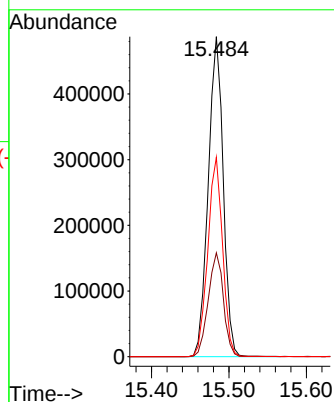
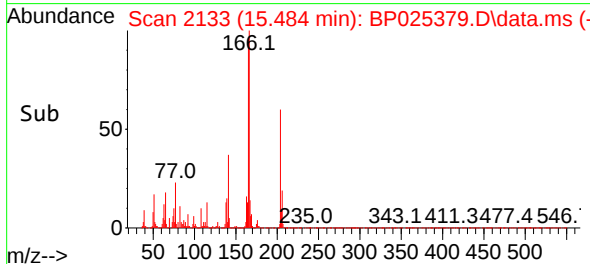
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion:204 Resp: 654384
Ion Ratio Lower Upper
204 100
206 32.5 27.0 40.4
141 62.3 50.3 75.5

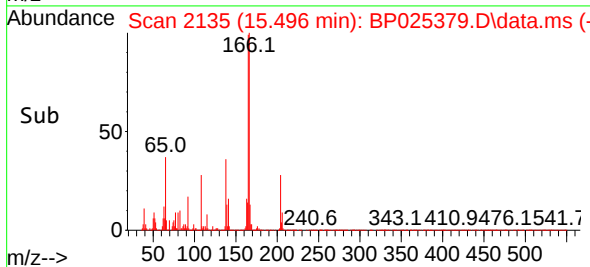
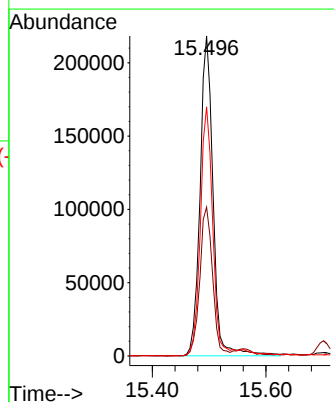
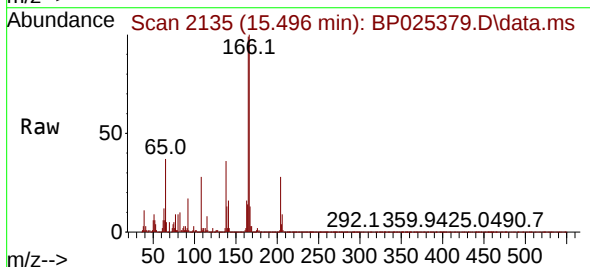
Manual Integrations
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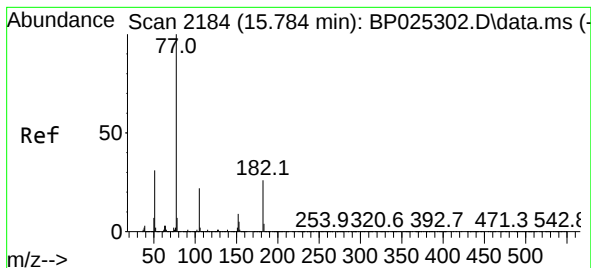
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025



#62
4-Nitroaniline
Concen: 53.570 ng
RT: 15.496 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

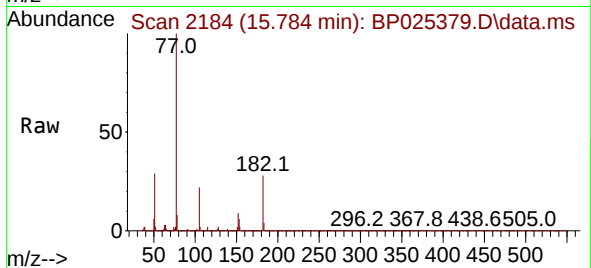
Tgt Ion:138 Resp: 347834
Ion Ratio Lower Upper
138 100
92 46.5 29.8 69.8
108 77.9 56.6 96.6





#63
Azobenzene
Concen: 45.112 ng
RT: 15.784 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

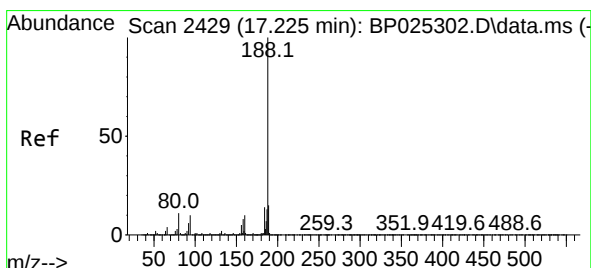
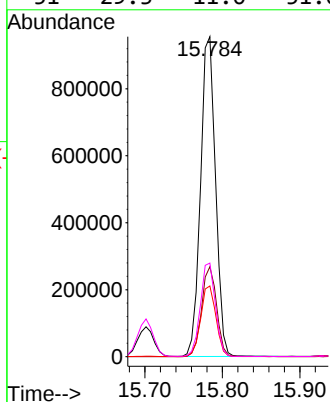
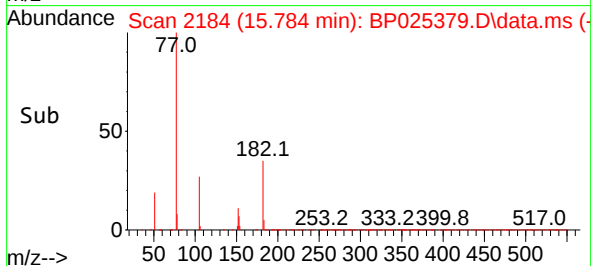
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion: 77 Resp: 1282799
Ion Ratio Lower Upper
77 100
182 28.1 6.0 46.0
105 22.1 2.1 42.1
51 29.3 11.0 51.0

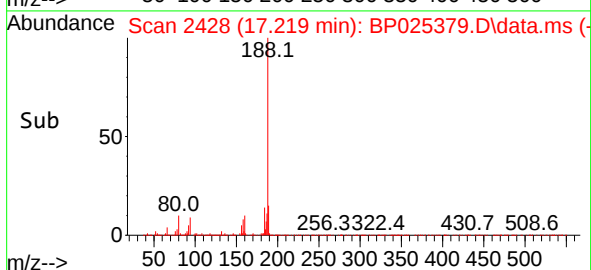
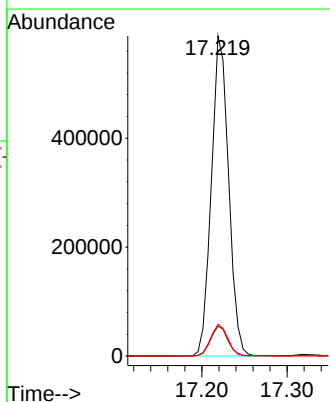
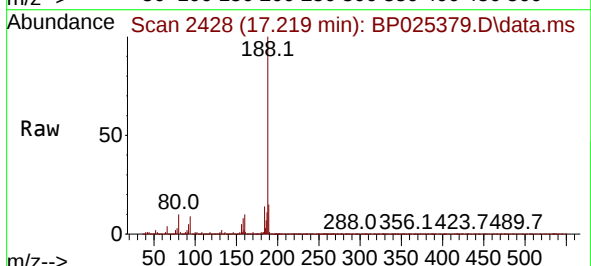
Manual Integrations
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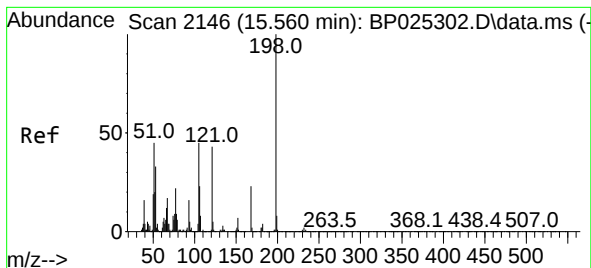
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

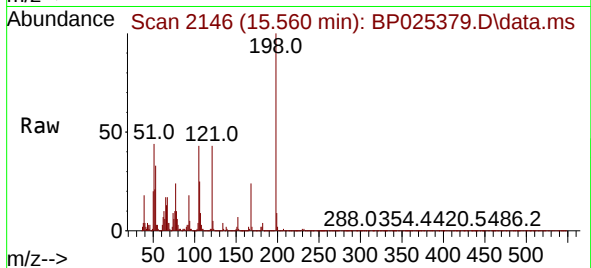
Tgt Ion:188 Resp: 826325
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 9.9 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 61.871 ng
RT: 15.560 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

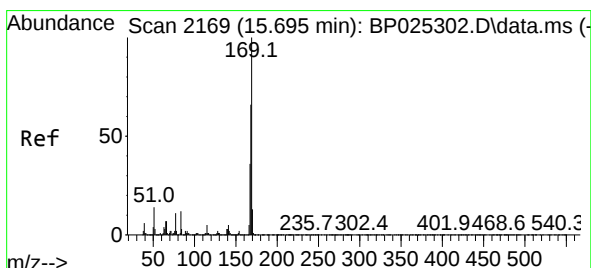
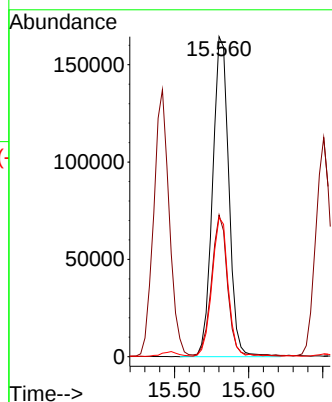
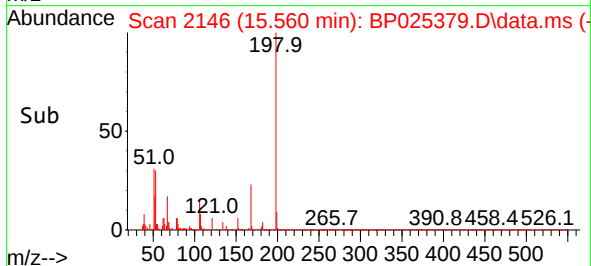
Instrument :
BNA_P
ClientSampleId :
PB169210BS



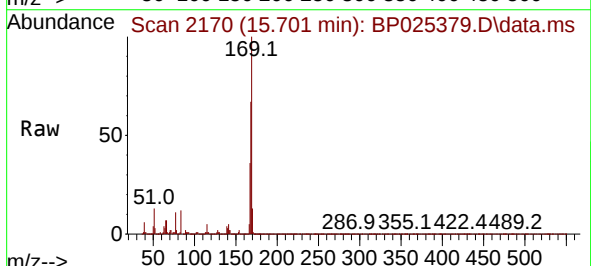
Tgt Ion:198 Resp: 25070
Ion Ratio Lower Upper
198 100
51 44.3 26.7 66.7
105 43.5 25.6 65.6

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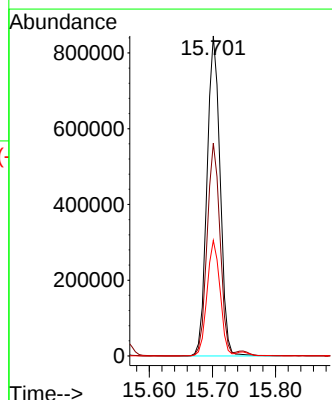
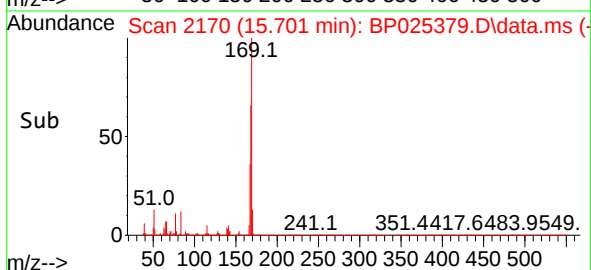
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025

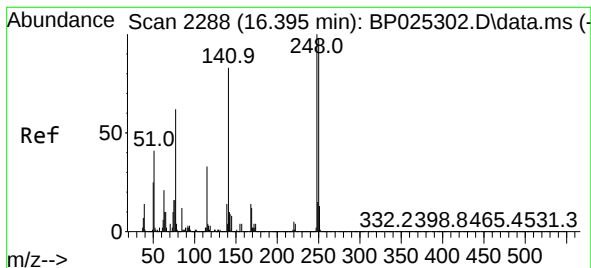


#66
n-Nitrosodiphenylamine
Concen: 48.478 ng
RT: 15.701 min Scan# 2170
Delta R.T. 0.006 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14



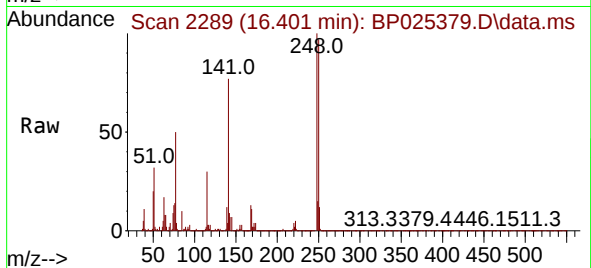
Tgt Ion:169 Resp: 1219717
Ion Ratio Lower Upper
169 100
168 66.5 52.8 79.2
167 36.1 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 51.221 ng
RT: 16.401 min Scan# 2288
Delta R.T. 0.006 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

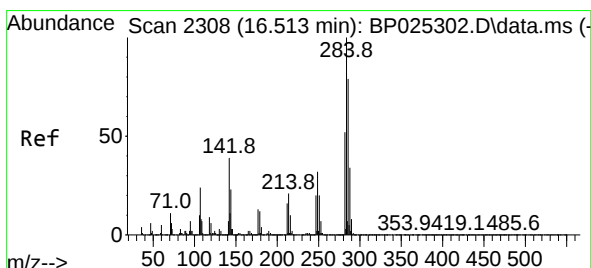
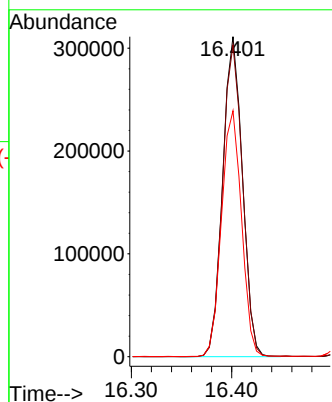
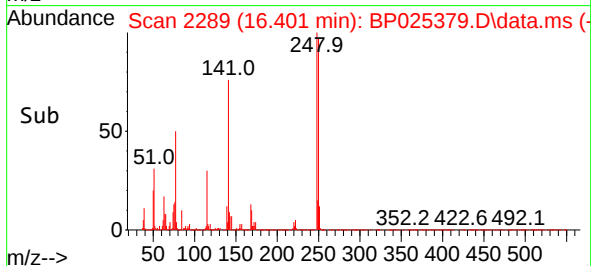
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion:248 Resp: 42586
Ion Ratio Lower Upper
248 100
250 97.4 78.6 117.8
141 76.9 66.6 99.8

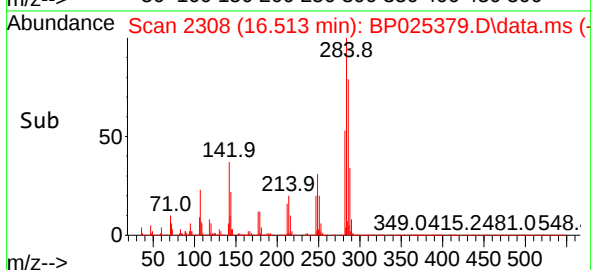
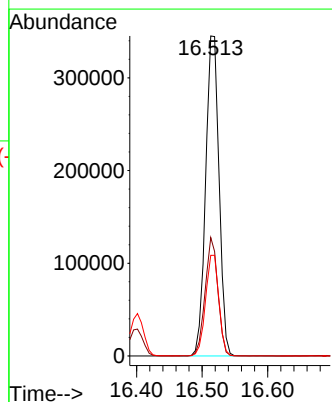
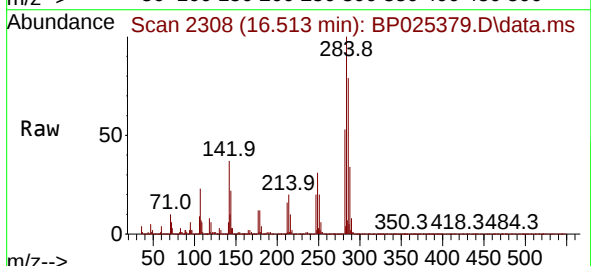
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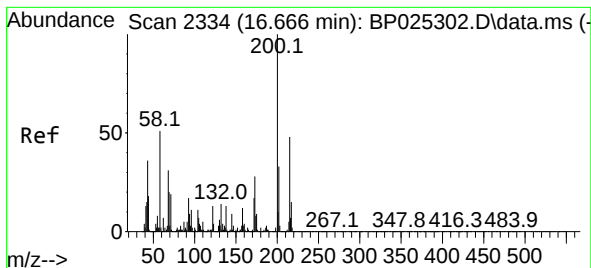
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025



#68
Hexachlorobenzene
Concen: 52.699 ng
RT: 16.513 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Tgt Ion:284 Resp: 491638
Ion Ratio Lower Upper
284 100
142 37.0 30.8 46.2
249 31.4 25.4 38.0





#69

Atrazine

Concen: 51.744 ng

RT: 16.678 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025379.D

Acq: 13 Aug 2025 11:14

Instrument :

BNA_P

ClientSampleId :

PB169210BS

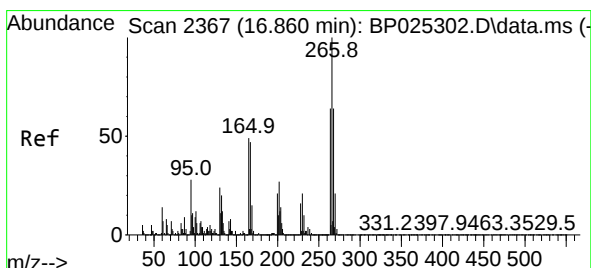
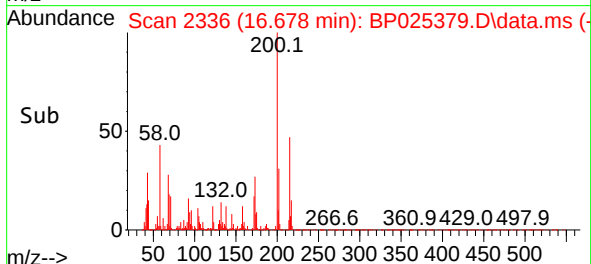
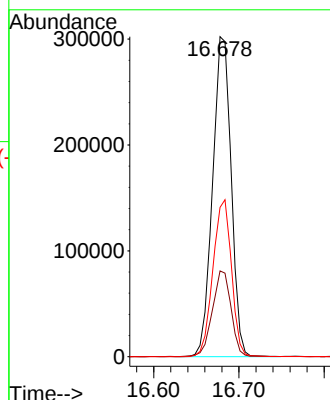
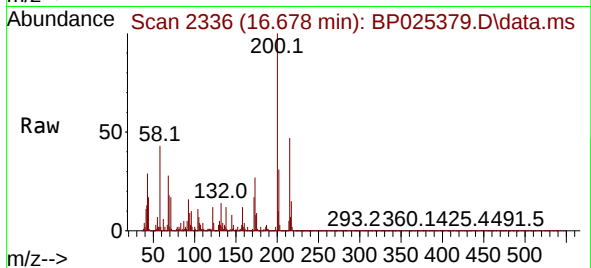
Tgt Ion:200 Resp: 45784
 Ion Ratio Lower Upper
 200 100
 173 26.8 8.2 48.2
 215 46.7 28.1 68.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/14/2025



#70

Pentachlorophenol

Concen: 110.330 ng

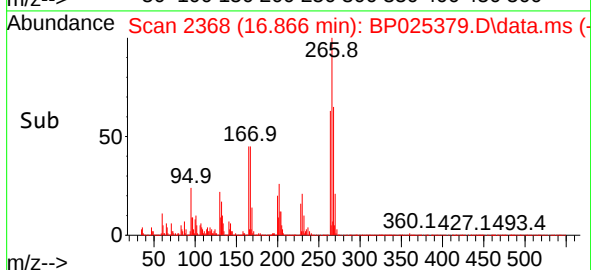
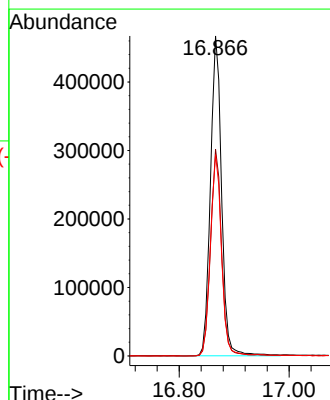
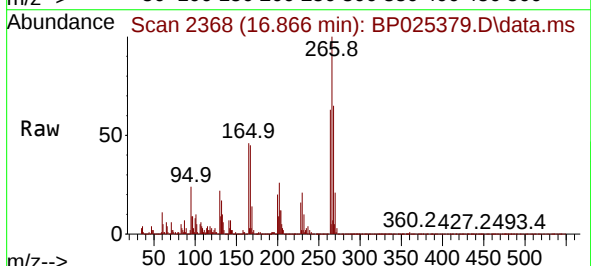
RT: 16.866 min Scan# 2368

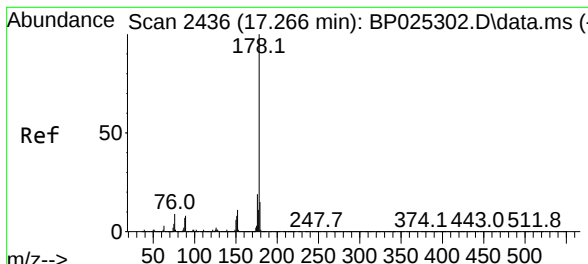
Delta R.T. 0.006 min

Lab File: BP025379.D

Acq: 13 Aug 2025 11:14

Tgt Ion:266 Resp: 655758
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.4 77.0
 264 62.9 51.1 76.7





#71
 Phenanthrene
 Concen: 47.553 ng
 RT: 17.266 min Scan# 2436
 Delta R.T. 0.000 min
 Lab File: BP025379.D
 Acq: 13 Aug 2025 11:14

Instrument :

BNA_P

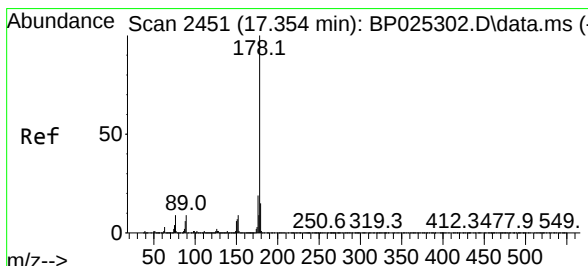
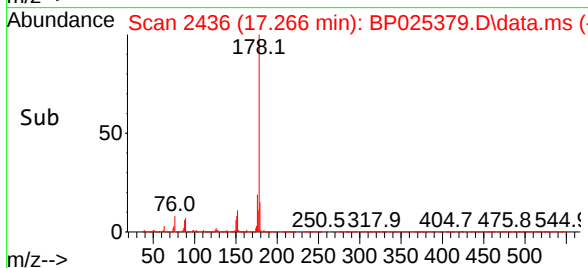
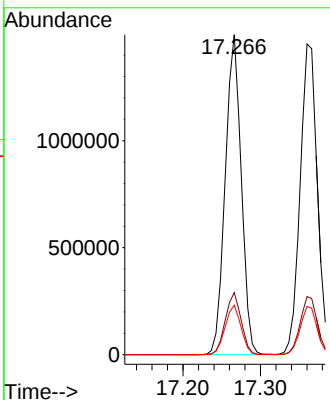
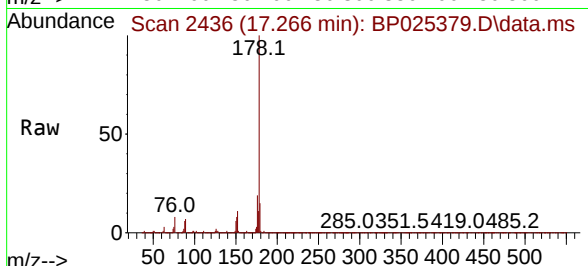
ClientSampleId :

PB169210BS

Tgt Ion:178 Resp: 2152208
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.3 22.9
 179 15.4 12.1 18.1

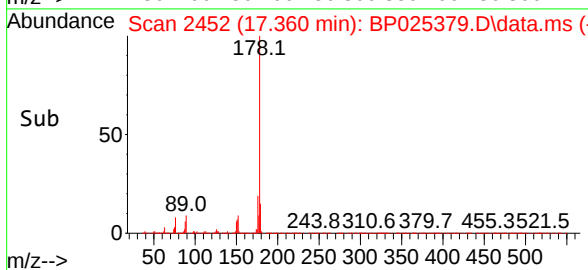
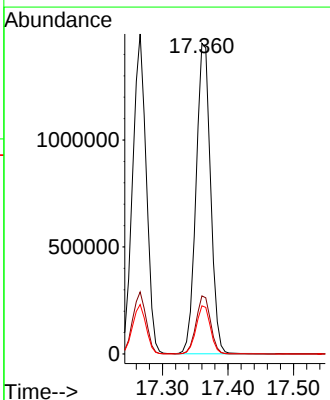
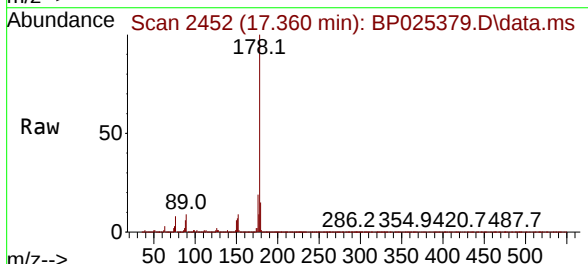
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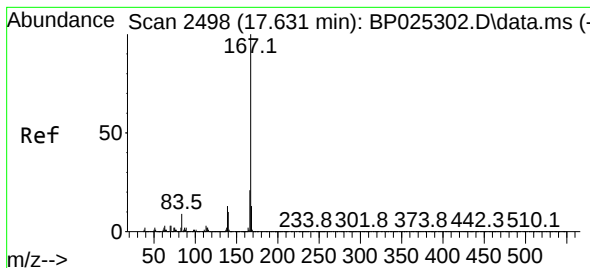
Reviewed By :Rahul Chavli 08/14/2025
 Supervised By :Jagrut Upadhyay 08/14/2025



#72
 Anthracene
 Concen: 49.011 ng
 RT: 17.360 min Scan# 2452
 Delta R.T. 0.006 min
 Lab File: BP025379.D
 Acq: 13 Aug 2025 11:14

Tgt Ion:178 Resp: 2236589
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.8 22.2
 179 15.5 12.3 18.5





#73

Carbazole

Concen: 48.595 ng

RT: 17.631 min Scan# 2498

Delta R.T. -0.000 min

Lab File: BP025379.D

Acq: 13 Aug 2025 11:14

Instrument :

BNA_P

ClientSampleId :

PB169210BS

Tgt Ion:167 Resp: 212872

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

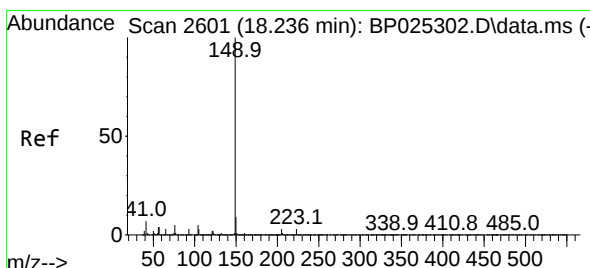
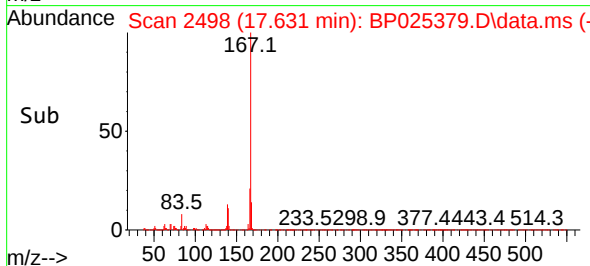
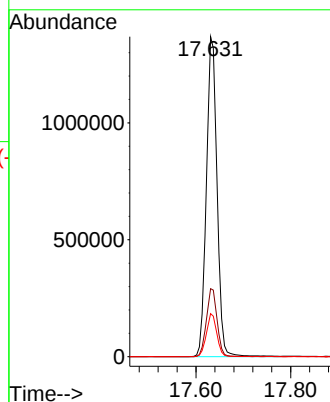
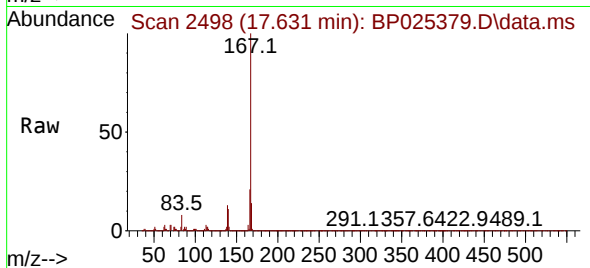
139 13.5 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/14/2025



#74

Di-n-butylphthalate

Concen: 49.880 ng

RT: 18.231 min Scan# 2600

Delta R.T. -0.005 min

Lab File: BP025379.D

Acq: 13 Aug 2025 11:14

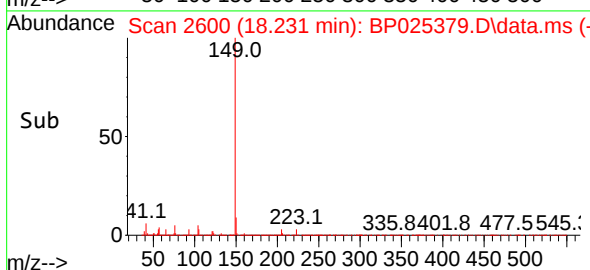
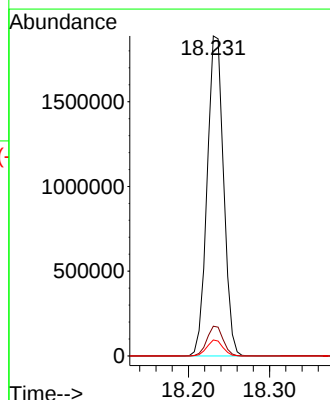
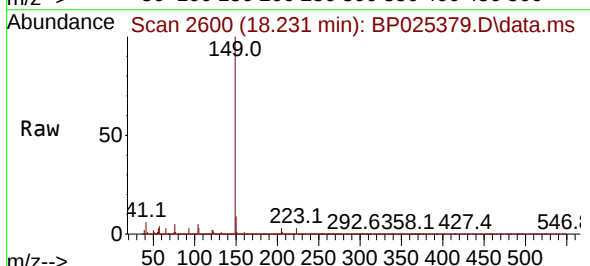
Tgt Ion:149 Resp: 2643367

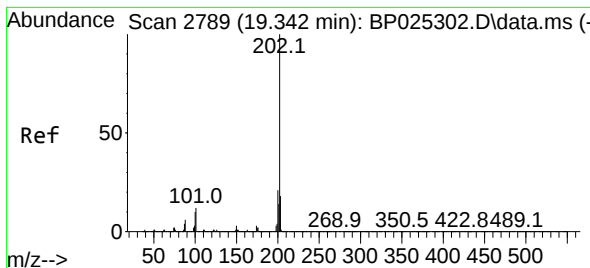
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 49.680 ng

RT: 19.348 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025379.D

Acq: 13 Aug 2025 11:14

Instrument :

BNA_P

ClientSampleId :

PB169210BS

Tgt Ion:202 Resp: 2602850

Ion Ratio Lower Upper

202 100

101 10.6 0.0 32.5

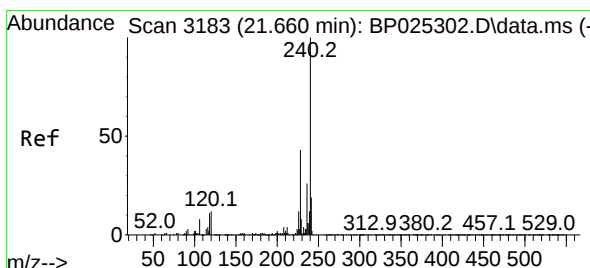
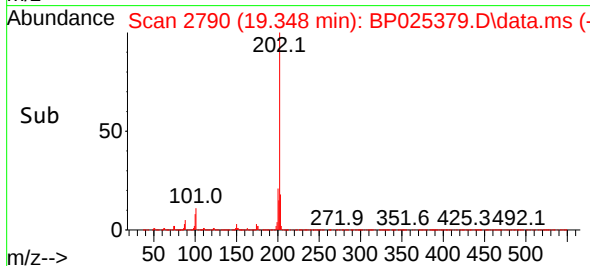
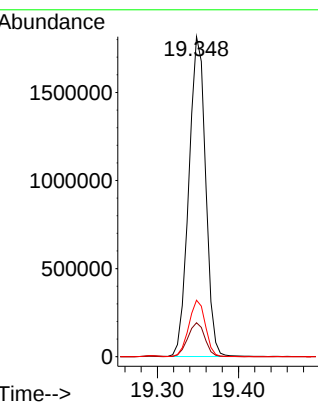
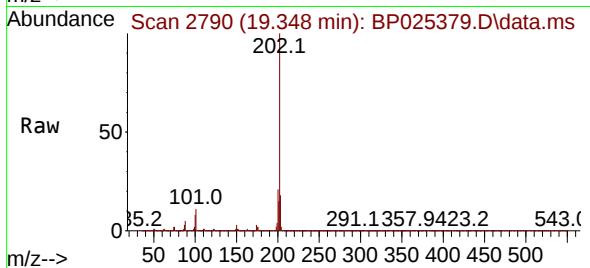
203 17.7 0.0 37.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/14/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.666 min Scan# 3184

Delta R.T. 0.006 min

Lab File: BP025379.D

Acq: 13 Aug 2025 11:14

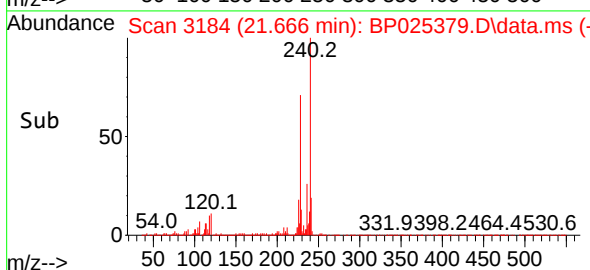
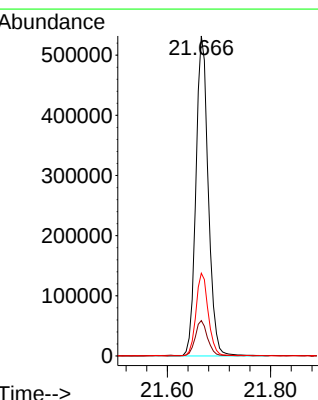
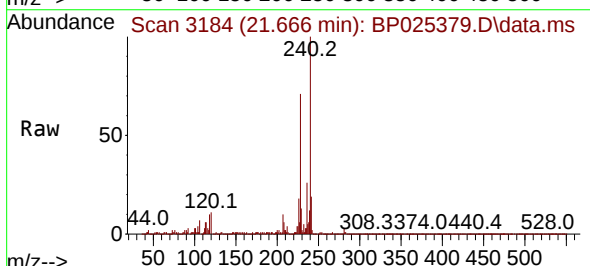
Tgt Ion:240 Resp: 881099

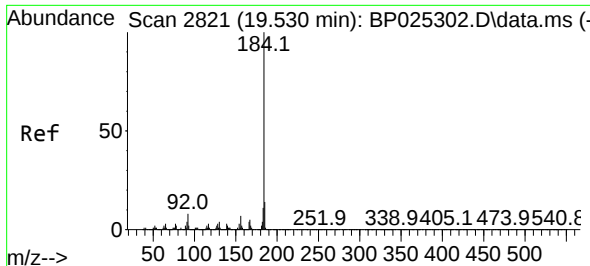
Ion Ratio Lower Upper

240 100

120 11.1 9.6 14.4

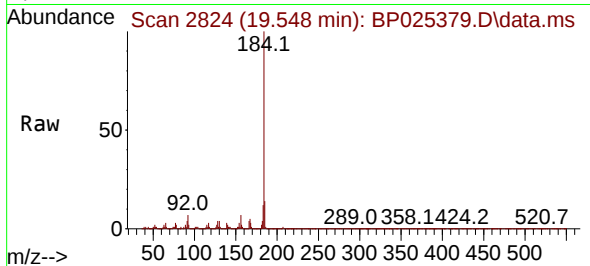
236 25.9 20.4 30.6





#77
Benzidine
Concen: 58.096 ng
RT: 19.548 min Scan# 2824
Delta R.T. 0.018 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

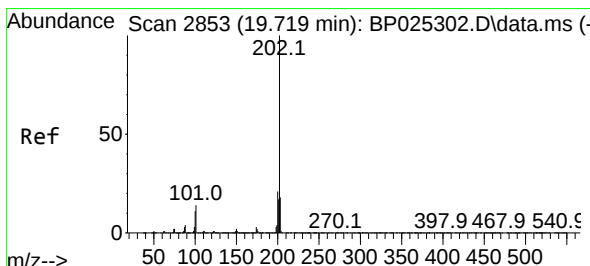
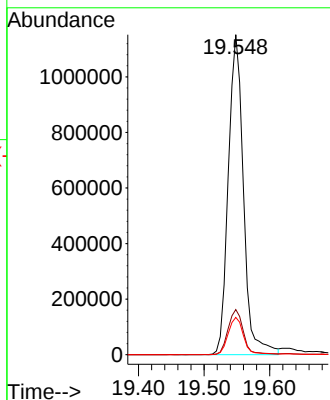
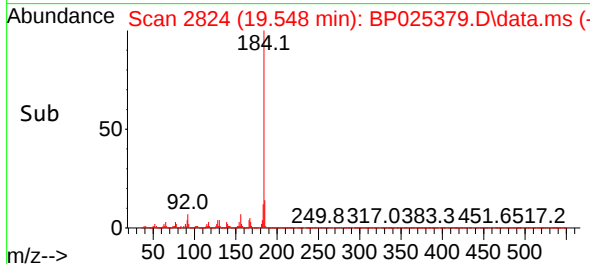
Instrument :
BNA_P
ClientSampleId :
PB169210BS



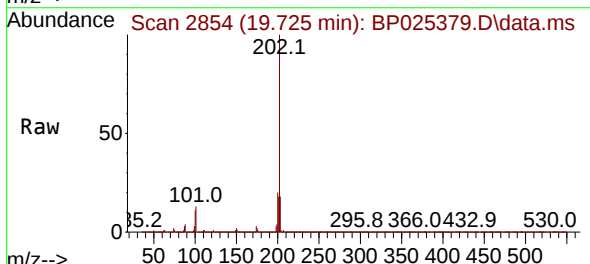
Tgt Ion:184 Resp: 1852734
Ion Ratio Lower Upper
184 100
185 14.1 11.0 16.6
183 11.7 9.2 13.8

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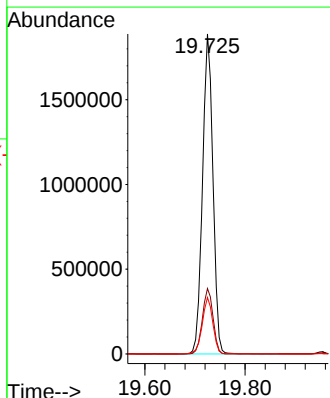
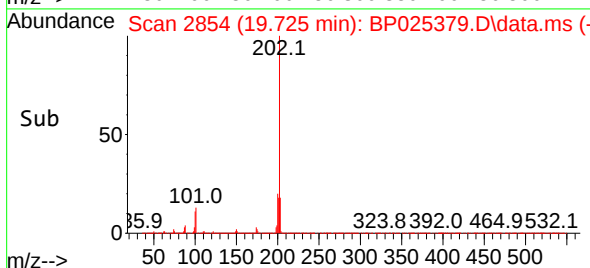
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025

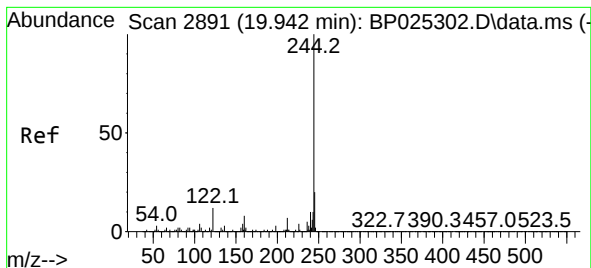


#78
Pyrene
Concen: 46.509 ng
RT: 19.725 min Scan# 2854
Delta R.T. 0.006 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14



Tgt Ion:202 Resp: 2725028
Ion Ratio Lower Upper
202 100
200 20.4 16.7 25.1
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 85.792 ng

RT: 19.954 min Scan# 2893

Delta R.T. 0.012 min

Lab File: BP025379.D

Acq: 13 Aug 2025 11:14

Instrument :

BNA_P

ClientSampleId :

PB169210BS

Tgt Ion:244 Resp: 4002128

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

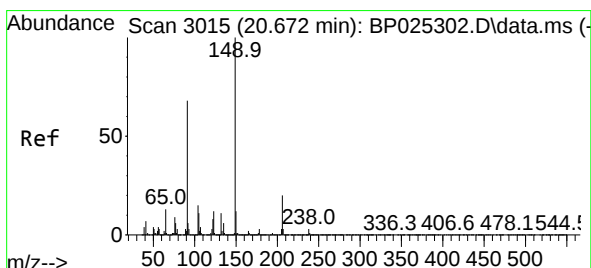
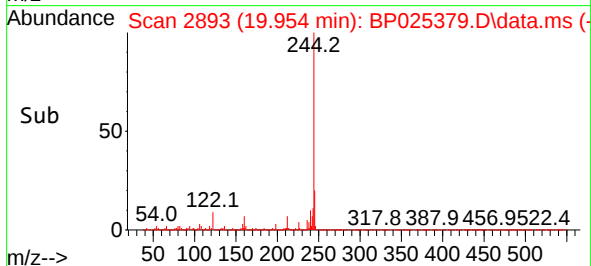
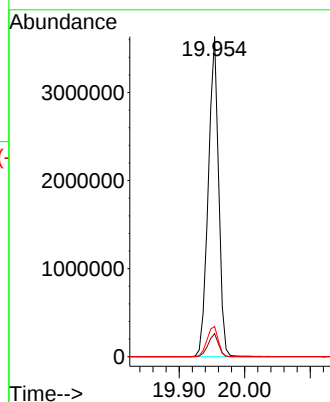
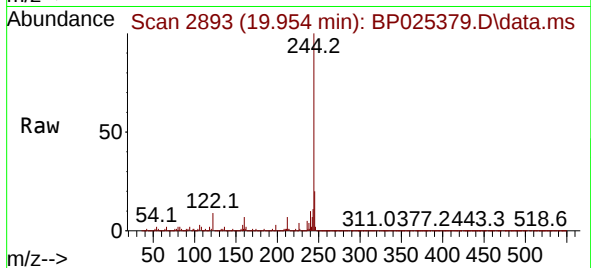
122 9.5 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/14/2025



#80

Butylbenzylphthalate

Concen: 54.444 ng

RT: 20.683 min Scan# 3017

Delta R.T. 0.011 min

Lab File: BP025379.D

Acq: 13 Aug 2025 11:14

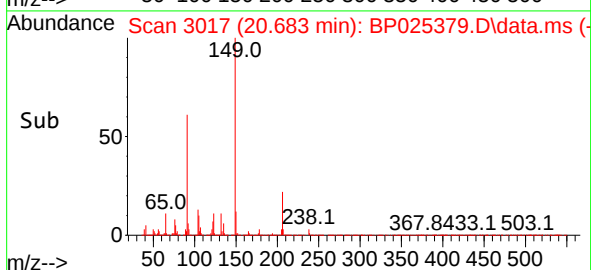
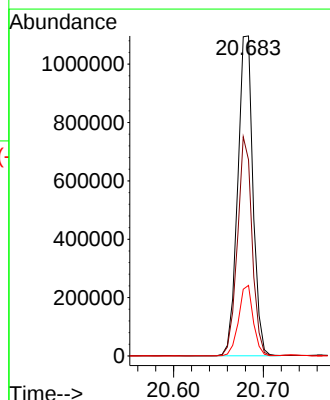
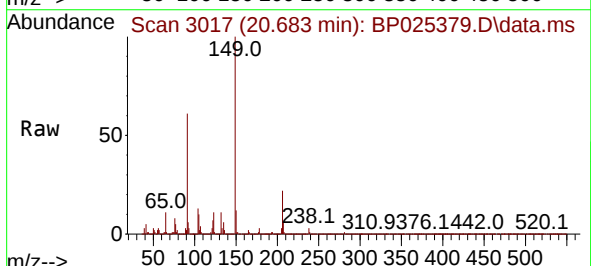
Tgt Ion:149 Resp: 1293716

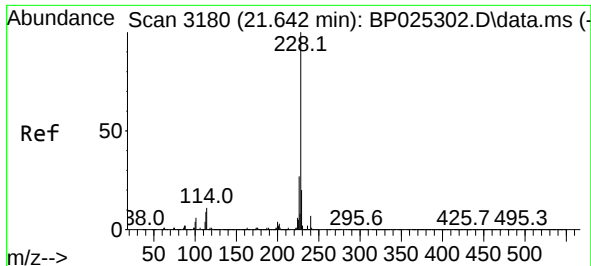
Ion Ratio Lower Upper

149 100

91 61.3 54.7 82.1

206 22.0 16.4 24.6





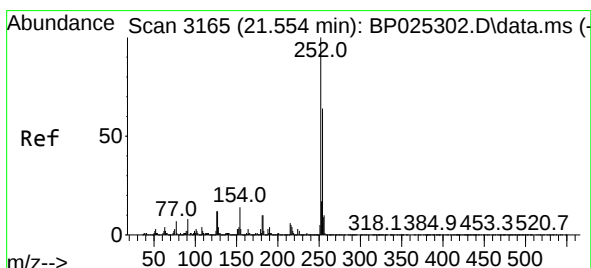
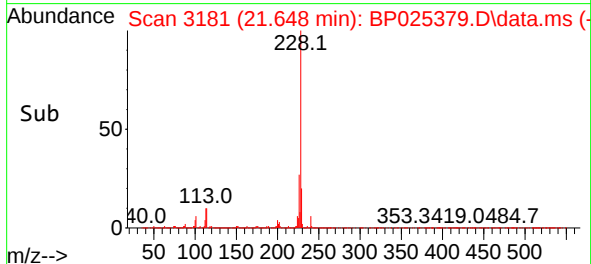
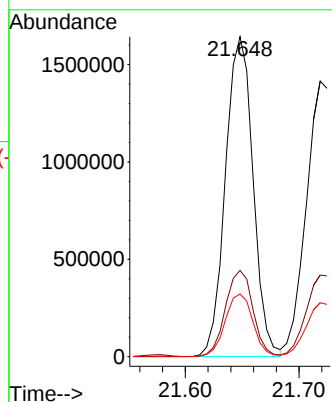
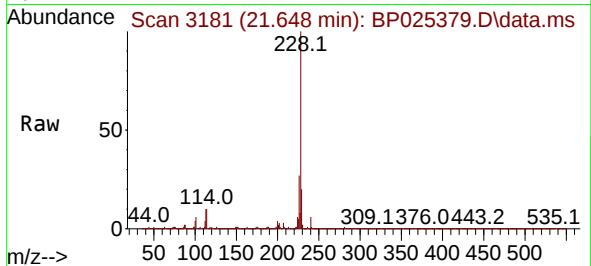
#81
Benzo(a)anthracene
Concen: 47.390 ng
RT: 21.648 min Scan# 3180
Delta R.T. 0.006 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Instrument :
BNA_P
ClientSampleId :
PB169210BS

Tgt Ion:228 Resp: 2774730
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.6 16.0 24.0

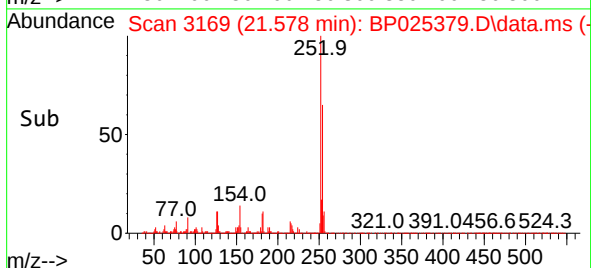
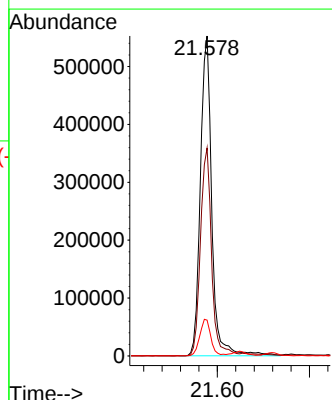
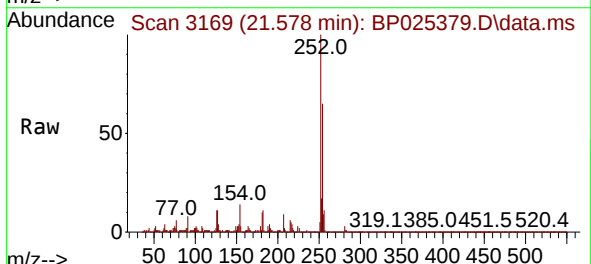
Manual Integrations
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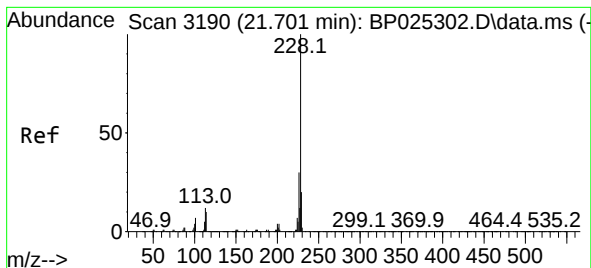
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 46.113 ng
RT: 21.578 min Scan# 3169
Delta R.T. 0.024 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Tgt Ion:252 Resp: 952616
Ion Ratio Lower Upper
252 100
254 65.0 51.0 76.6
126 11.2 9.4 14.2





#83

Chrysene

Concen: 48.295 ng

RT: 21.719 min Scan# 3190

Delta R.T. 0.018 min

Lab File: BP025379.D

Acq: 13 Aug 2025 11:14

Instrument :

BNA_P

ClientSampleId :

PB169210BS

Tgt Ion:228 Resp: 262272

Ion Ratio Lower Upper

228 100

226 29.6 24.3 36.5

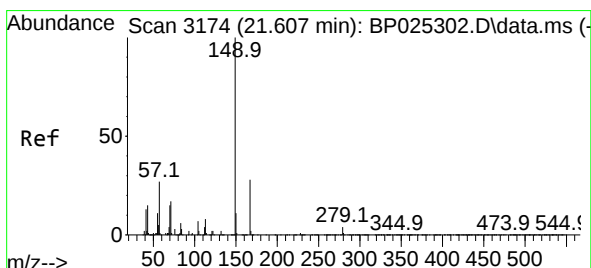
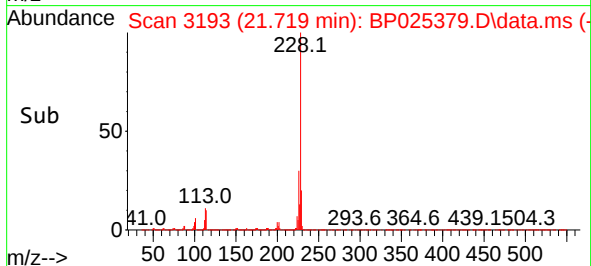
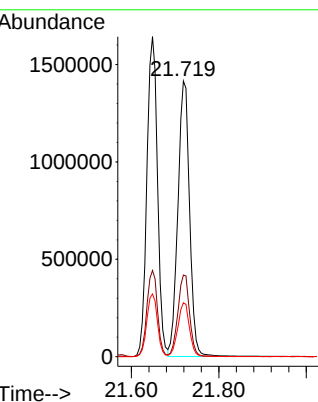
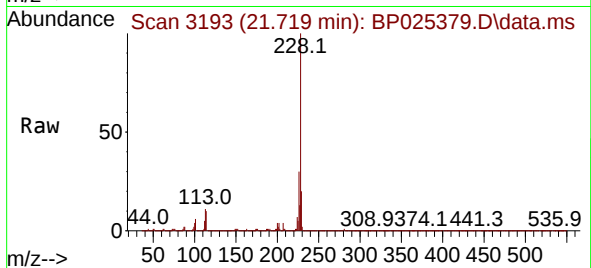
229 19.6 15.9 23.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/14/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.331 ng

RT: 21.607 min Scan# 3174

Delta R.T. -0.000 min

Lab File: BP025379.D

Acq: 13 Aug 2025 11:14

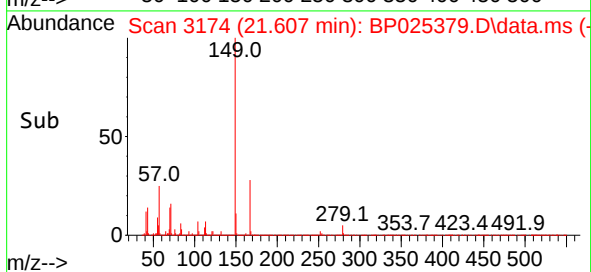
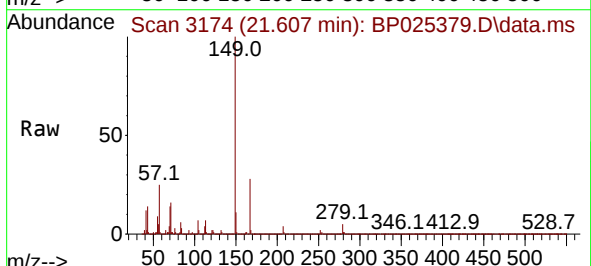
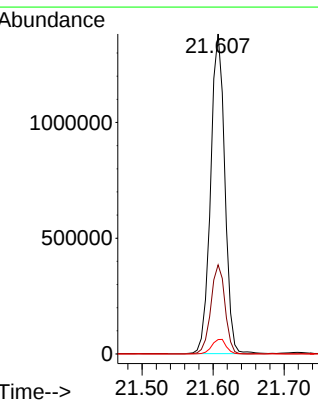
Tgt Ion:149 Resp: 1909714

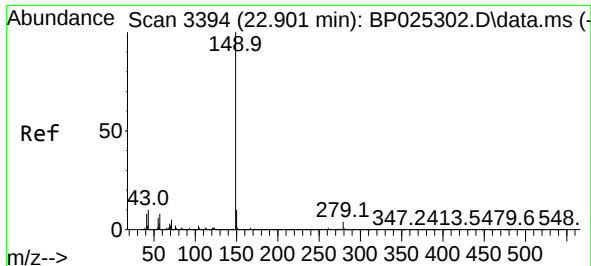
Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

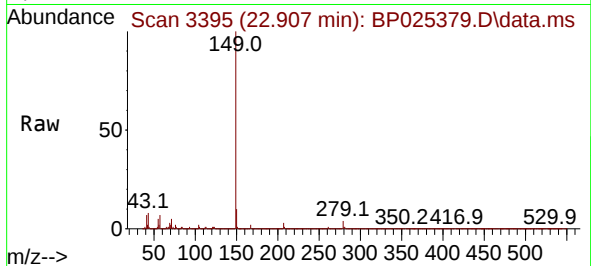
279 4.5 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 52.981 ng
RT: 22.907 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

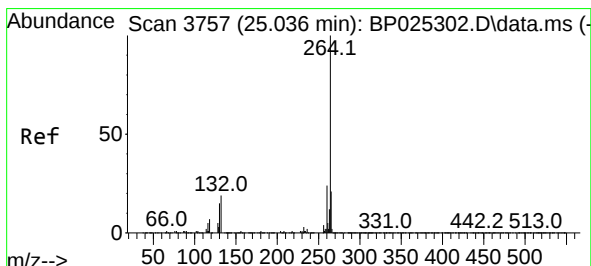
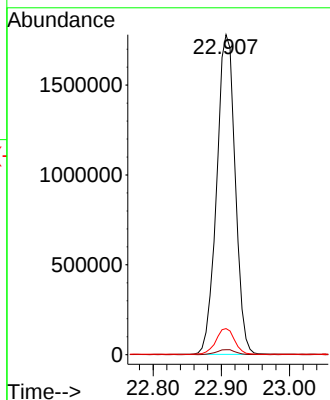
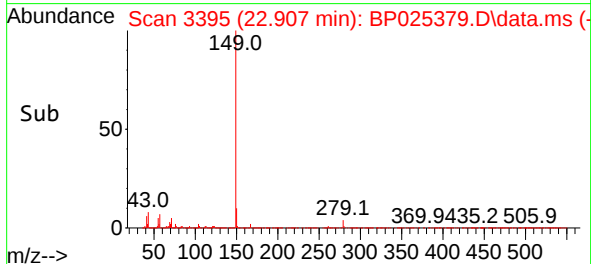
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion:149 Resp: 336480
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.1 7.9 11.9

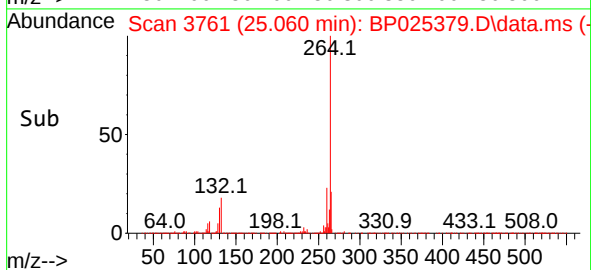
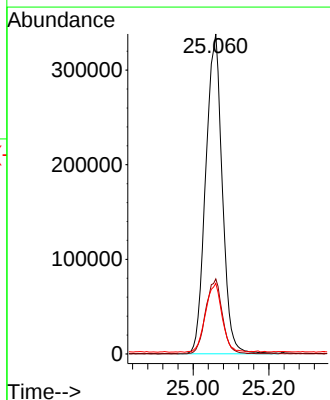
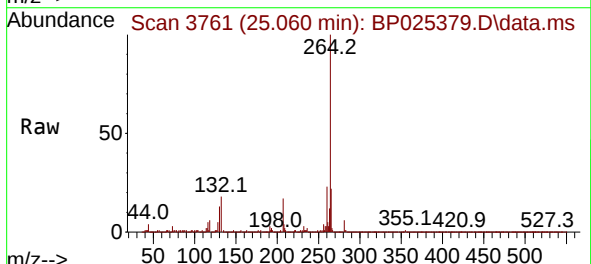
Manual Integrations
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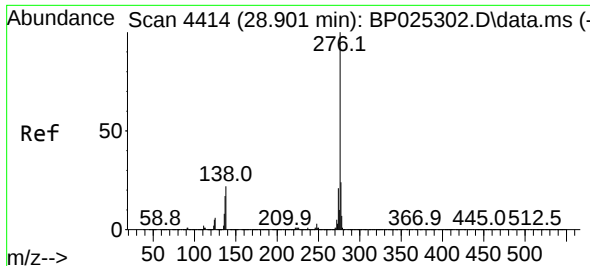
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.060 min Scan# 3761
Delta R.T. 0.024 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Tgt Ion:264 Resp: 1021631
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 22.1 17.1 25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.657 ng m
 RT: 28.936 min Scan# 4414
 Delta R.T. 0.035 min
 Lab File: BP025379.D
 Acq: 13 Aug 2025 11:14

Instrument :

BNA_P

ClientSampleId :

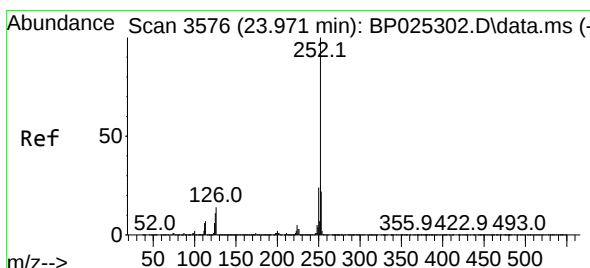
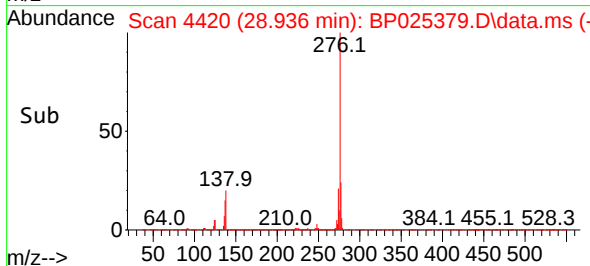
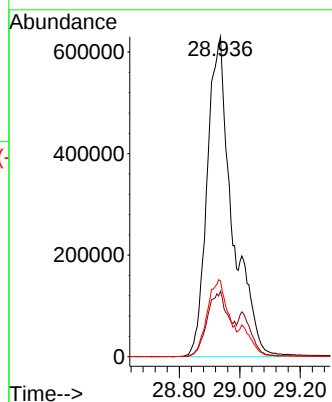
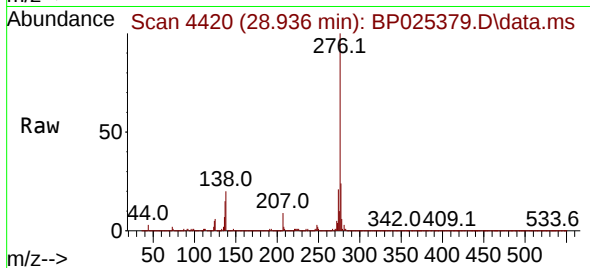
PB169210BS

Tgt Ion:276 Resp: 363618
 Ion Ratio Lower Upper
 276 100
 138 16.7 14.6 22.0
 277 20.3 16.8 25.2

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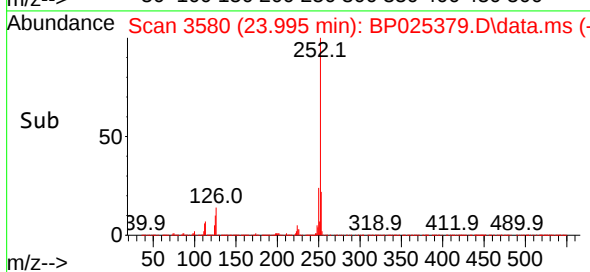
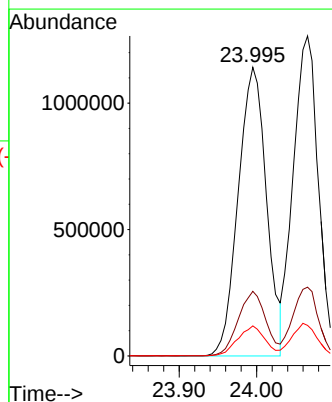
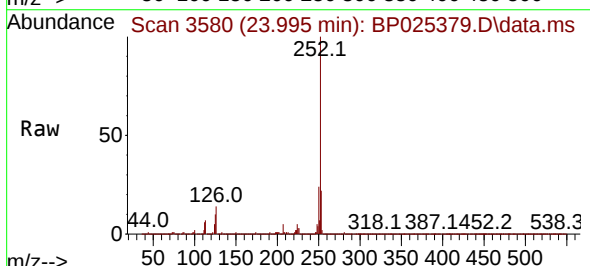
APPROVED

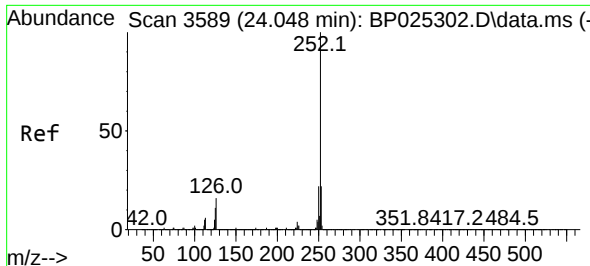
Reviewed By :Rahul Chavli 08/14/2025
 Supervised By :Jagrut Upadhyay 08/14/2025



#88
 Benzo(b)fluoranthene
 Concen: 47.332 ng
 RT: 23.995 min Scan# 3580
 Delta R.T. 0.024 min
 Lab File: BP025379.D
 Acq: 13 Aug 2025 11:14

Tgt Ion:252 Resp: 2894648
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.5 26.3
 125 10.4 8.5 12.7





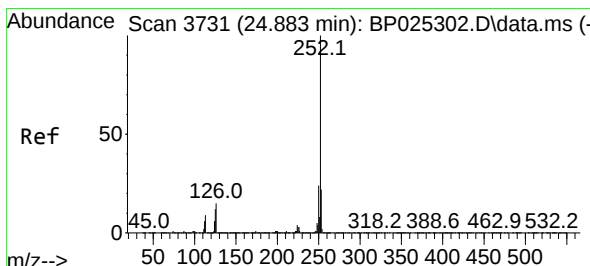
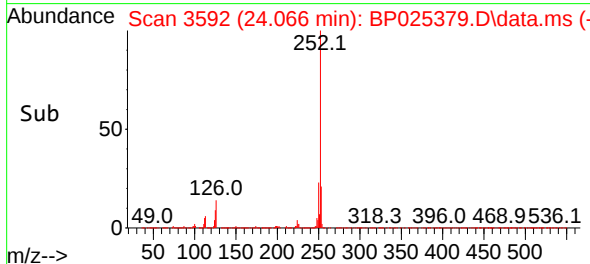
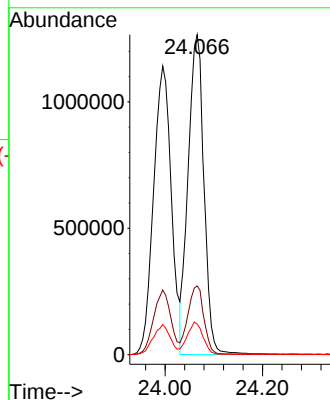
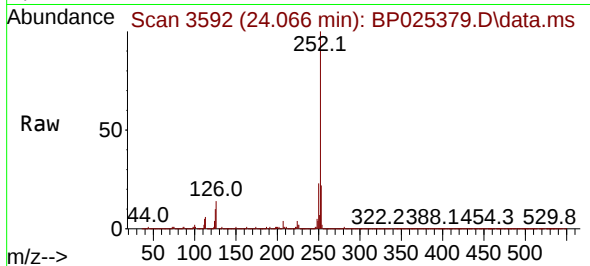
#89
Benzo(k)fluoranthene
Concen: 47.114 ng
RT: 24.066 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Instrument :
BNA_P
ClientSampleId :
PB169210BS

Tgt Ion:252 Resp: 2856340
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 9.5 8.5 12.7

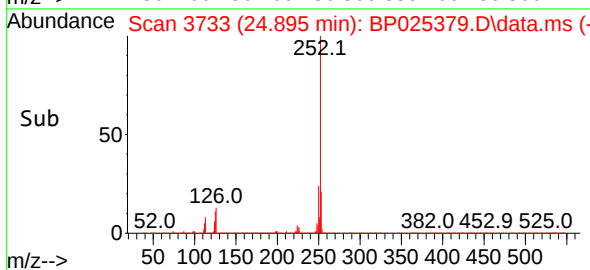
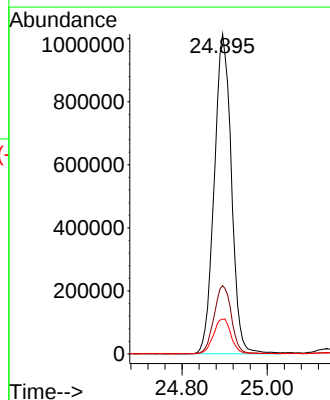
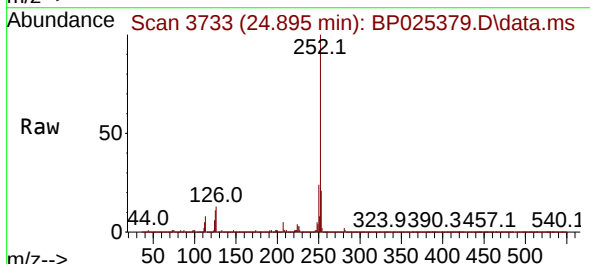
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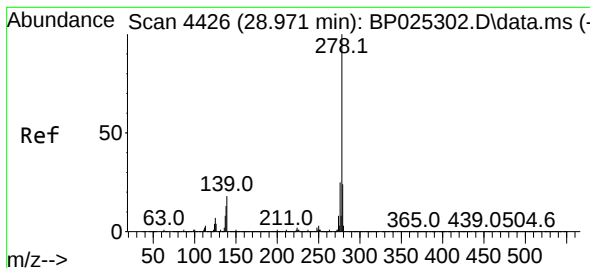
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025



#90
Benzo(a)pyrene
Concen: 48.087 ng
RT: 24.895 min Scan# 3733
Delta R.T. 0.012 min
Lab File: BP025379.D
Acq: 13 Aug 2025 11:14

Tgt Ion:252 Resp: 2832100
Ion Ratio Lower Upper
252 100
253 21.4 17.6 26.4
125 10.9 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 49.678 ng

RT: 29.007 min Scan# 4426

Delta R.T. 0.036 min

Lab File: BP025379.D

Acq: 13 Aug 2025 11:14

Instrument :

BNA_P

ClientSampleId :

PB169210BS

Tgt Ion:278 Resp: 297928

Ion Ratio Lower Upper

278 100

139 16.5 14.6 22.0

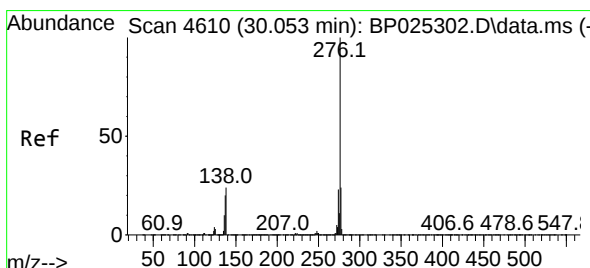
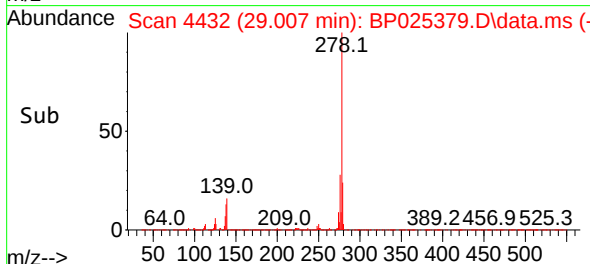
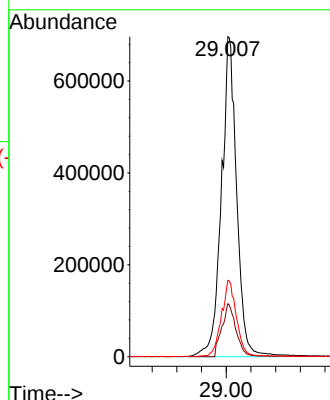
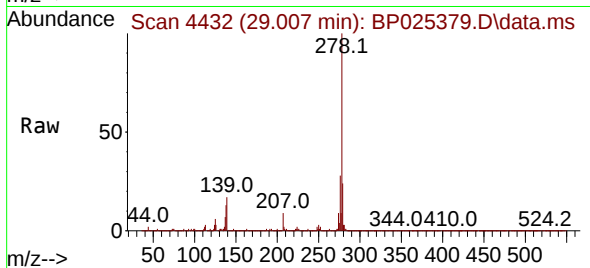
279 23.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/14/2025



#92

Benzo(g,h,i)perylene

Concen: 50.142 ng

RT: 30.130 min Scan# 4623

Delta R.T. 0.077 min

Lab File: BP025379.D

Acq: 13 Aug 2025 11:14

Tgt Ion:276 Resp: 2951269

Ion Ratio Lower Upper

276 100

277 24.1 19.3 28.9

138 21.4 19.1 28.7

