

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102225\
 Data File : BP026003.D
 Acq On : 22 Oct 2025 17:55
 Operator : RC/JU
 Sample : PB170216BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170216BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/23/2025
 Supervised By :Jagrut Upadhyay 10/23/2025

Quant Time: Oct 22 18:17:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 15 23:48:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.690	152	157158	20.000	ng	0.00
21) Naphthalene-d8	10.460	136	711577	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	515285	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1020674	20.000	ng	0.00
76) Chrysene-d12	21.572	240	759603	20.000	ng	-0.01
86) Perylene-d12	24.924	264	736047	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.337	112	1338778	139.666	ng	0.00
7) Phenol-d6	6.908	99	1844852	137.913	ng	0.00
23) Nitrobenzene-d5	8.849	82	1153562	72.867	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	825421	118.989	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	2785725	69.293	ng	0.00
79) Terphenyl-d14	19.848	244	3961888	83.357	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.243	88	133222	35.087	ng	# 93
3) Pyridine	3.649	79	378314	35.705	ng	92
4) n-Nitrosodimethylamine	3.561	42	227054	48.898	ng	87
6) Aniline	7.037	93	616702	34.436	ng	96
8) 2-Chlorophenol	7.278	128	544556	49.021	ng	95
9) Benzaldehyde	6.861	77	250736	35.125	ng	96
10) Phenol	6.931	94	718144	53.172	ng	95
11) bis(2-Chloroethyl)ether	7.131	93	502091	45.592	ng	96
12) 1,3-Dichlorobenzene	7.584	146	517552	42.023	ng	99
13) 1,4-Dichlorobenzene	7.725	146	533941	42.551	ng	98
14) 1,2-Dichlorobenzene	8.043	146	525611	42.818	ng	99
15) Benzyl Alcohol	7.955	79	546036	47.958	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.213	45	820485	48.382	ng	99
17) 2-Methylphenol	8.160	107	492695	50.895	ng	97
18) Hexachloroethane	8.755	117	203399	42.477	ng	96
19) n-Nitroso-di-n-propyla...	8.496	70	441276	46.274	ng	95
20) 3+4-Methylphenols	8.490	107	667994	49.523	ng	99
22) Acetophenone	8.519	105	904873	46.775	ng	95
24) Nitrobenzene	8.890	77	637812	45.305	ng	98
25) Isophorone	9.413	82	1248097	43.896	ng	97
26) 2-Nitrophenol	9.590	139	304525	44.666	ng	93
27) 2,4-Dimethylphenol	9.666	122	549555	47.567	ng	97
28) bis(2-Chloroethoxy)met...	9.878	93	749761	45.077	ng	98
29) 2,4-Dichlorophenol	10.154	162	564446	49.032	ng	97
30) 1,2,4-Trichlorobenzene	10.325	180	547923	42.042	ng	98
31) Naphthalene	10.513	128	1650015	42.985	ng	100
32) Benzoic acid	9.907	122	456287	54.501	ng	97
33) 4-Chloroaniline	10.649	127	303918	18.644	ng	99
34) Hexachlorobutadiene	10.790	225	355683	41.238	ng	99
35) Caprolactam	11.460	113	195595m	47.745	ng	
36) 4-Chloro-3-methylphenol	11.790	107	684910	50.677	ng	97
37) 2-Methylnaphthalene	12.125	142	1111001	44.206	ng	99
38) 1-Methylnaphthalene	12.343	142	1173410	44.264	ng	100
40) 1,2,4,5-Tetrachloroben...	12.496	216	760610	45.331	ng	99
41) Hexachlorocyclopentadiene	12.466	237	686290	70.107	ng	100
43) 2,4,6-Trichlorophenol	12.754	196	485801	45.614	ng	99

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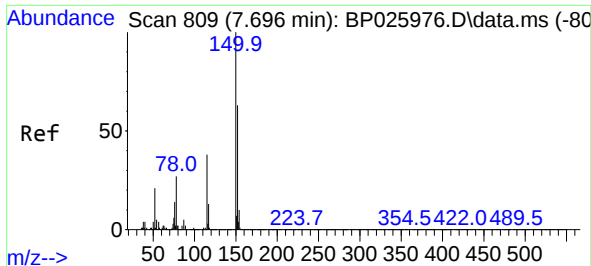
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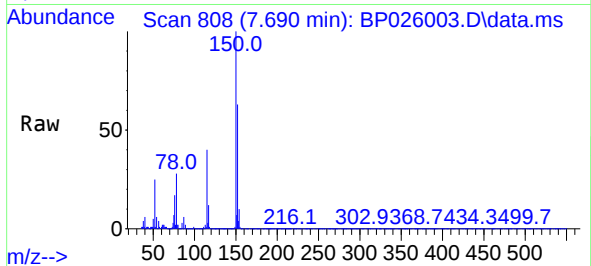
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.854	196	545404	47.028	ng	98
46) 1,1'-Biphenyl	13.143	154	1823986	46.860	ng	99
47) 2-Chloronaphthalene	13.184	162	1278943	42.023	ng	99
48) 2-Nitroaniline	13.413	65	457621	48.244	ng	98
49) Acenaphthylene	14.043	152	2166811	44.032	ng	100
50) Dimethylphthalate	13.778	163	1746558	44.843	ng	100
51) 2,6-Dinitrotoluene	13.901	165	382196	45.449	ng	93
52) Acenaphthene	14.384	154	1218436	42.878	ng	100
53) 3-Nitroaniline	14.254	138	256136	30.580	ng	98
54) 2,4-Dinitrophenol	14.466	184	484110	84.391	ng	94
55) Dibenzofuran	14.725	168	1971947	43.338	ng	97
56) 4-Nitrophenol	14.619	139	486666	95.810	ng	88
57) 2,4-Dinitrotoluene	14.713	165	538201	47.233	ng	95
58) Fluorene	15.384	166	1618788	44.276	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.972	232	476364	45.776	ng	99
60) Diethylphthalate	15.160	149	1773452	46.181	ng	99
61) 4-Chlorophenyl-phenyle...	15.378	204	828159	43.075	ng	99
62) 4-Nitroaniline	15.437	138	340659	43.893	ng	95
63) Azobenzene	15.678	77	1712792	47.851	ng	98
65) 4,6-Dinitro-2-methylph...	15.501	198	336675	45.639	ng	98
66) n-Nitrosodiphenylamine	15.601	169	1459447	44.443	ng	99
67) 4-Bromophenyl-phenylether	16.289	248	538078	42.711	ng	96
68) Hexachlorobenzene	16.413	284	596047	42.174	ng	95
69) Atrazine	16.584	200	553567	46.727	ng	99
70) Pentachlorophenol	16.784	266	717764	94.073	ng	98
71) Phenanthrene	17.166	178	2555948	44.183	ng	99
72) Anthracene	17.266	178	2618566	44.314	ng	99
73) Carbazole	17.554	167	2346934	45.055	ng	99
74) Di-n-butylphthalate	18.131	149	2891241	45.101	ng	100
75) Fluoranthene	19.266	202	2847692	43.641	ng	98
77) Benzidine	19.472	184	917605	37.701	ng	99
78) Pyrene	19.636	202	2840688	50.704	ng	100
80) Butylbenzylphthalate	20.577	149	1030909	46.240	ng	99
81) Benzo(a)anthracene	21.554	228	2345269	45.142	ng	100
82) 3,3'-Dichlorobenzidine	21.483	252	475891	25.740	ng	97
83) Chrysene	21.624	228	2204954	44.388	ng	100
84) Bis(2-ethylhexyl)phtha...	21.472	149	1339534	43.521	ng	99
85) Di-n-octyl phthalate	22.736	149	2215057	42.148	ng	98
87) Indeno(1,2,3-cd)pyrene	28.718	276	2725835	49.163	ng	99
88) Benzo(b)fluoranthene	23.848	252	2104717	45.914	ng	100
89) Benzo(k)fluoranthene	23.924	252	2161523	46.462	ng	99
90) Benzo(a)pyrene	24.765	252	2049961	46.025	ng	99
91) Dibenzo(a,h)anthracene	28.777	278	2226060	49.251	ng	99
92) Benzo(g,h,i)perylene	29.912	276	2206446	49.824	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.690 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

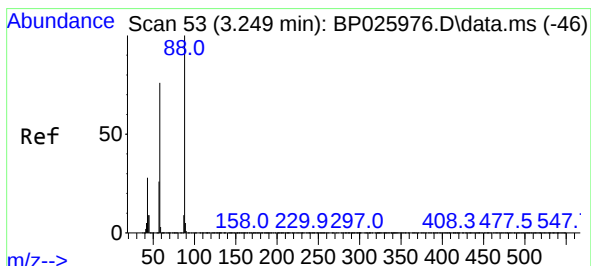
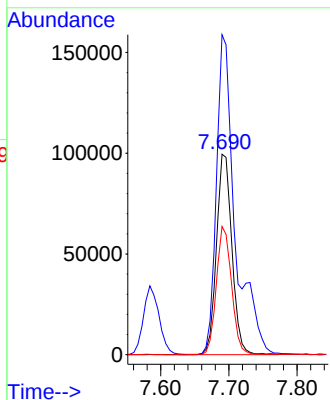
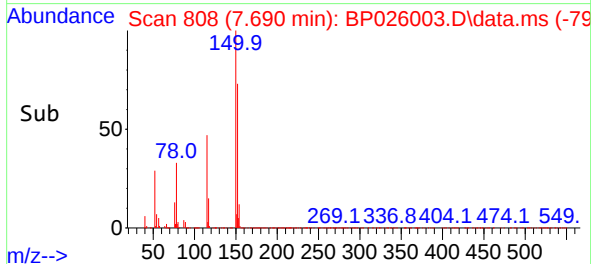
Instrument :
BNA_P
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Tgt Ion:152 Resp: 157158
Ion Ratio Lower Upper
152 100
150 159.6 127.3 190.9
115 63.9 48.7 73.1

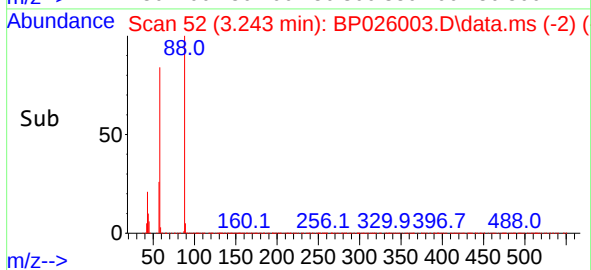
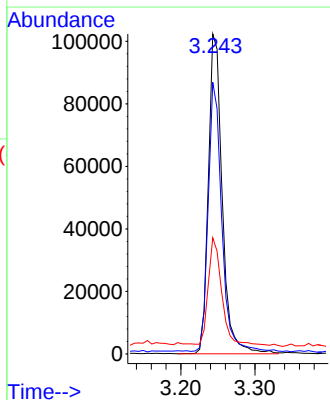
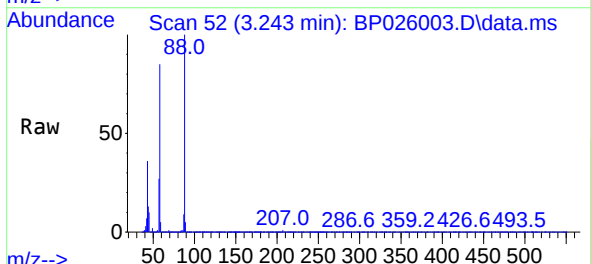
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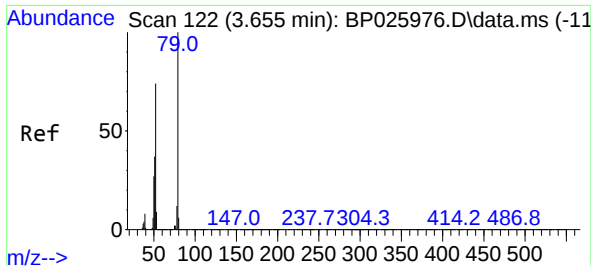
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#2
1,4-Dioxane
Concen: 35.087 ng
RT: 3.243 min Scan# 52
Delta R.T. -0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Tgt Ion: 88 Resp: 133222
Ion Ratio Lower Upper
88 100
58 81.9 61.9 92.9
43 34.5 22.6 33.8





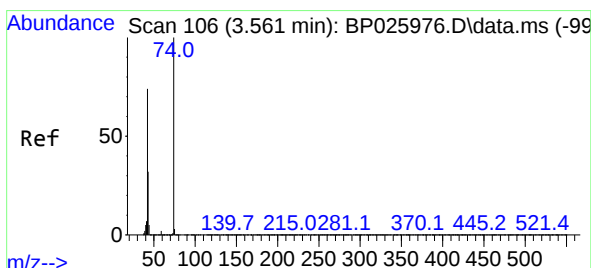
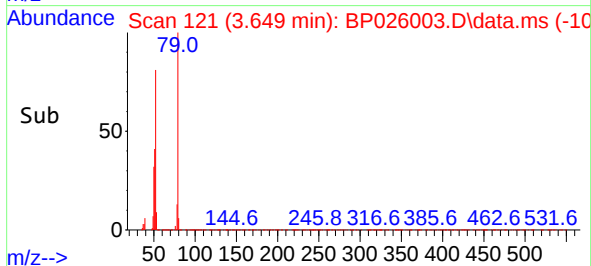
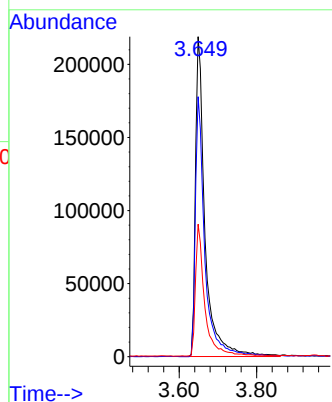
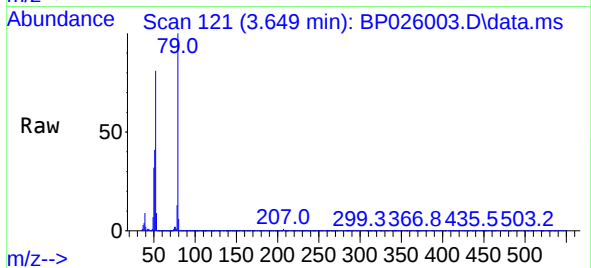
#3
Pyridine
Concen: 35.705 ng
RT: 3.649 min Scan# 122
Delta R.T. -0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Instrument :
BNA_P
ClientSampleId :
PB170216BS

Tgt Ion: 79 Resp: 378314
Ion Ratio Lower Upper
79 100
52 81.2 59.0 88.4
51 41.4 29.5 44.3

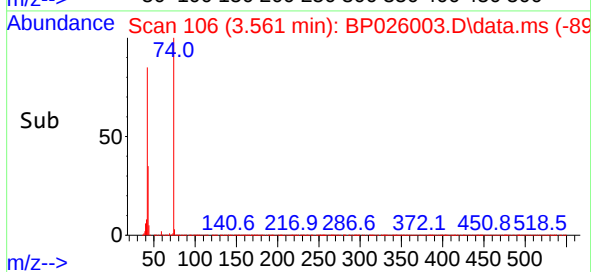
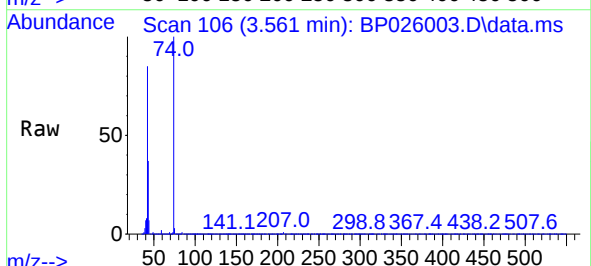
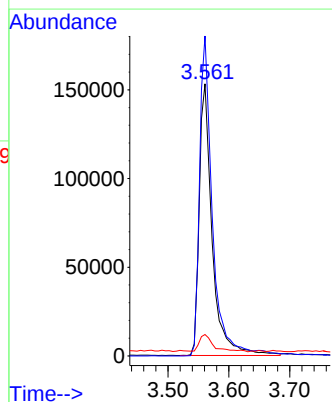
Manual Integrations
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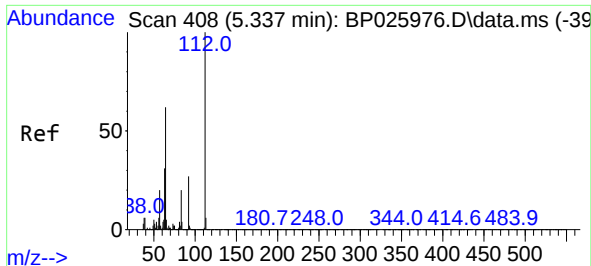
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#4
n-Nitrosodimethylamine
Concen: 48.898 ng
RT: 3.561 min Scan# 106
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

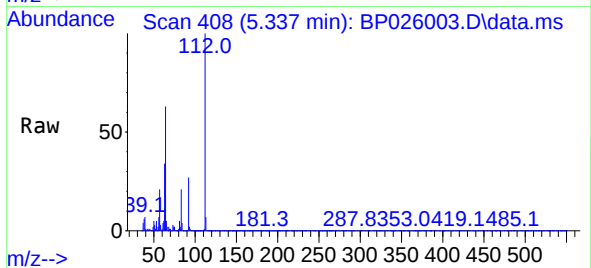
Tgt Ion: 42 Resp: 227054
Ion Ratio Lower Upper
42 100
74 117.6 107.4 161.0
44 7.9 6.0 9.0





#5
2-Fluorophenol
Concen: 139.666 ng
RT: 5.337 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

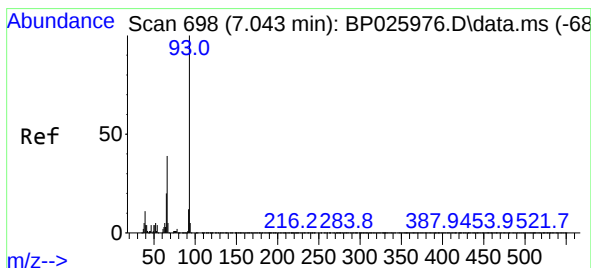
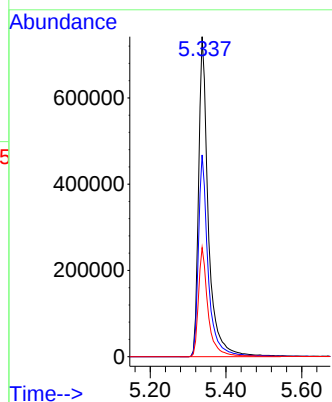
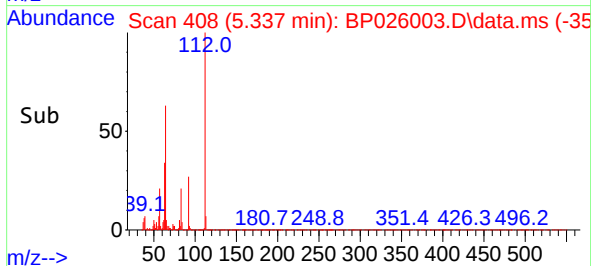
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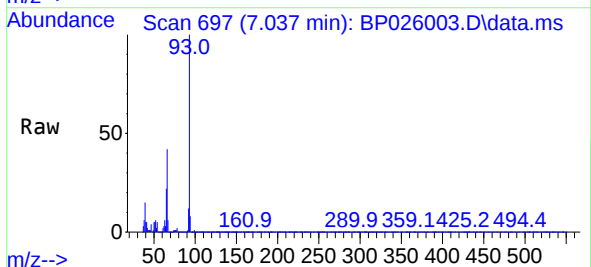
Tgt Ion:112 Resp: 1338778
Ion Ratio Lower Upper
112 100
64 63.0 49.9 74.9
63 34.1 24.9 37.3

Manual Integrations
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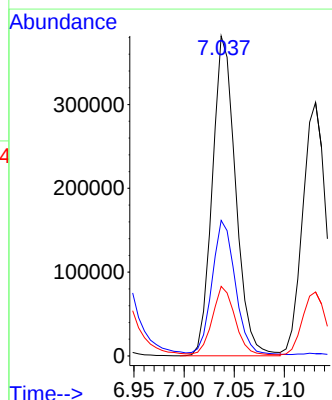
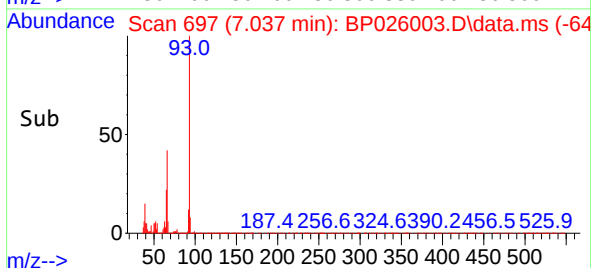
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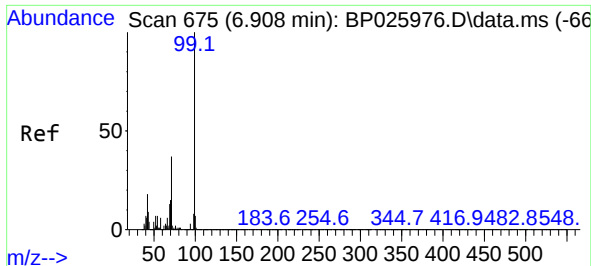


#6
Aniline
Concen: 34.436 ng
RT: 7.037 min Scan# 697
Delta R.T. -0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55



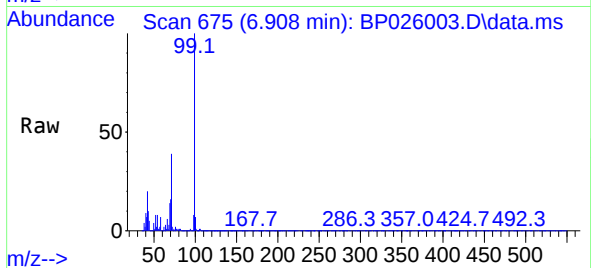
Tgt Ion: 93 Resp: 616702
Ion Ratio Lower Upper
93 100
66 42.4 31.8 47.8
65 21.8 16.3 24.5





#7
Phenol-d6
Concen: 137.913 ng
RT: 6.908 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

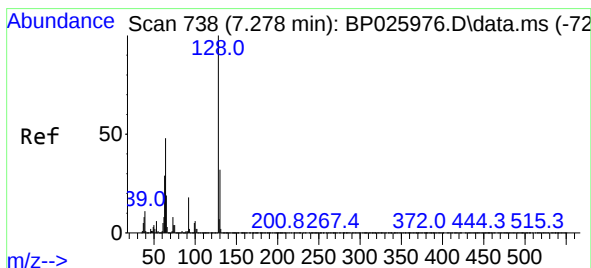
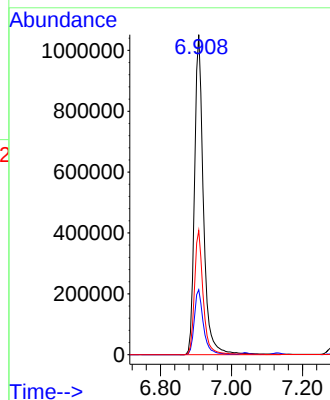
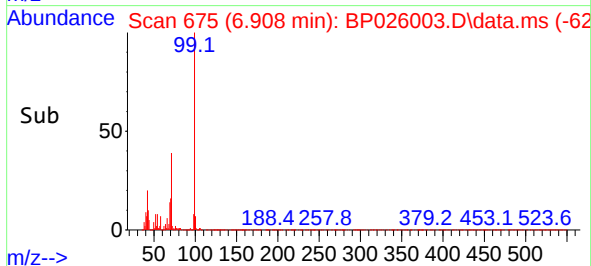
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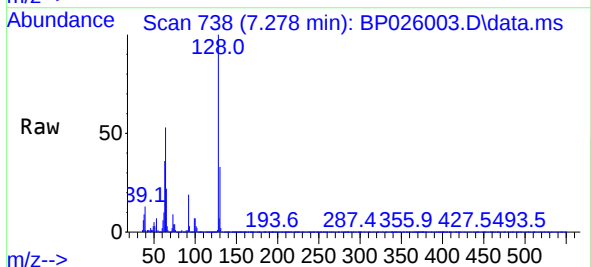
Tgt Ion: 99 Resp: 184485
Ion Ratio Lower Upper
99 100
42 20.3 14.2 21.4
71 38.8 29.4 44.0

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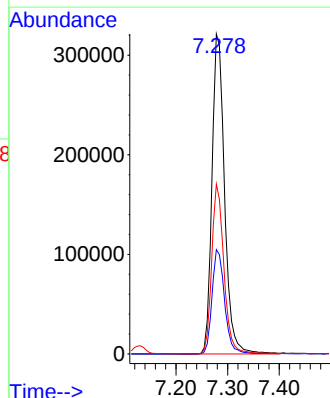
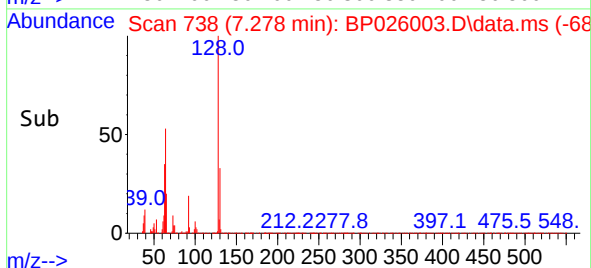
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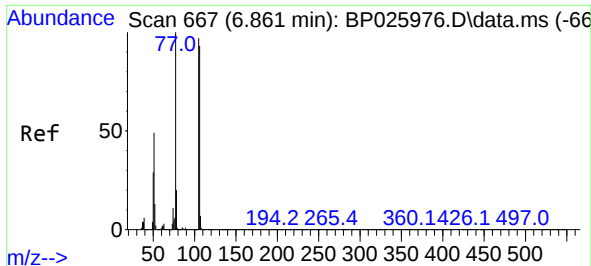


#8
2-Chlorophenol
Concen: 49.021 ng
RT: 7.278 min Scan# 738
Delta R.T. 0.000 min
Lab File: BP026003.D
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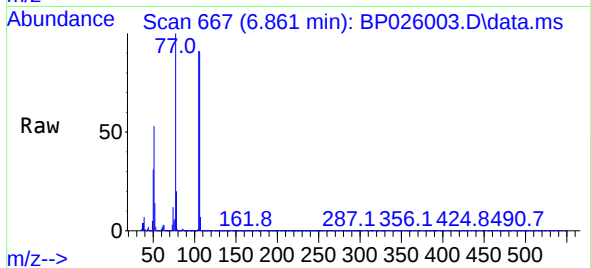
Tgt Ion:128 Resp: 544556
Ion Ratio Lower Upper
128 100
130 32.6 11.8 51.8
64 53.1 28.0 68.0





#9
Benzaldehyde
Concen: 35.125 ng
RT: 6.861 min Scan# 667
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

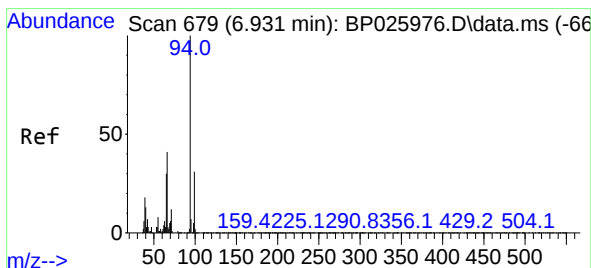
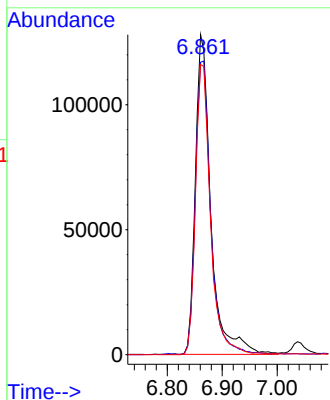
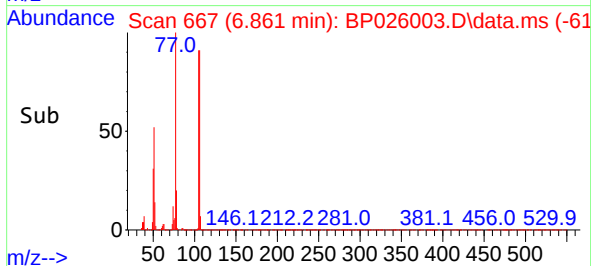
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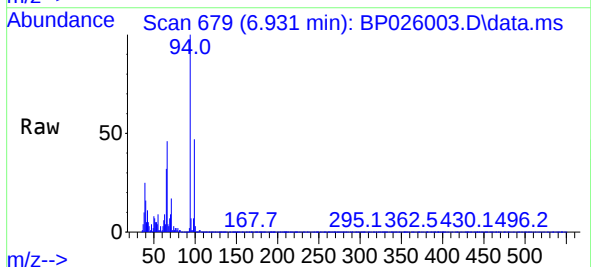
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Ion Ratio Lower Upper
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105 91.4 76.6 116.6
106 90.7 73.2 113.2

Manual Integrations
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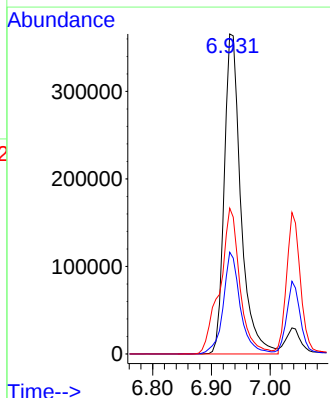
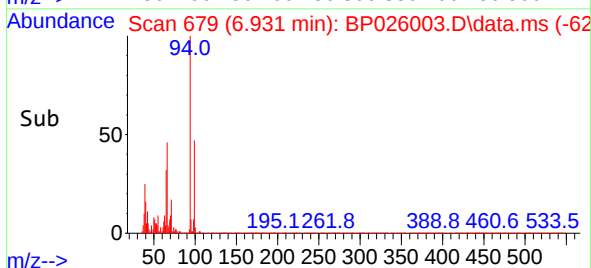
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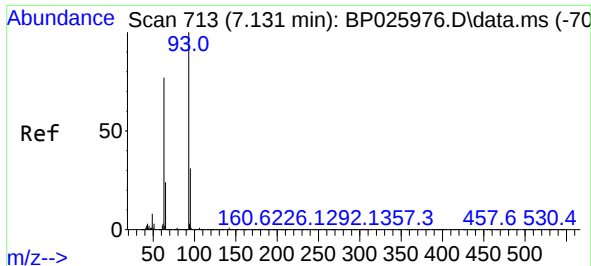


#10
Phenol
Concen: 53.172 ng
RT: 6.931 min Scan# 679
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55



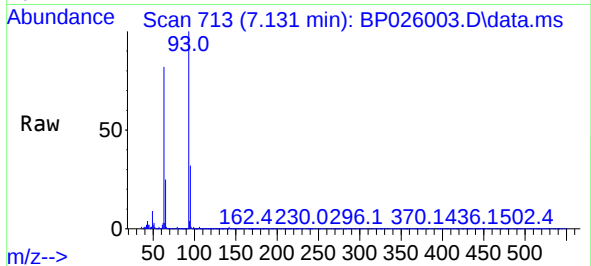
Tgt Ion: 94 Resp: 718144
Ion Ratio Lower Upper
94 100
65 31.8 9.8 49.8
66 45.6 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 45.592 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

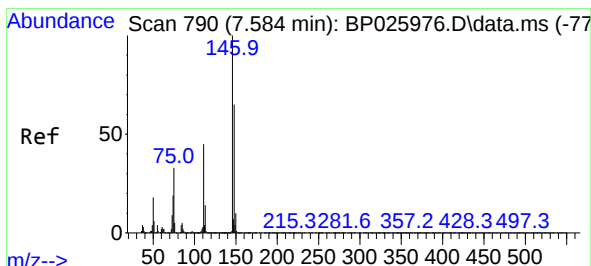
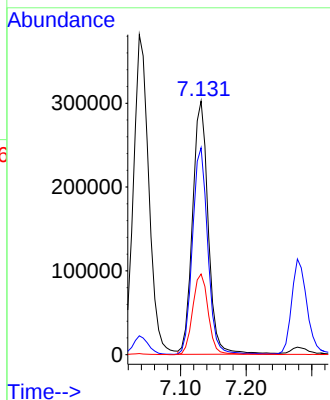
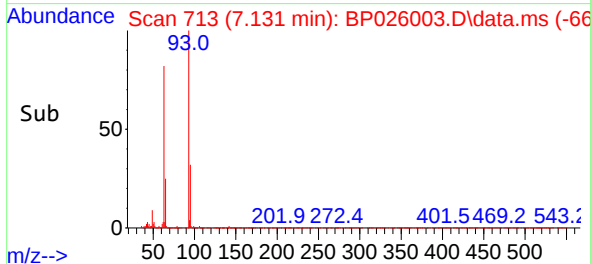
Instrument :
BNA_P
ClientSampleId :
PB170216BS



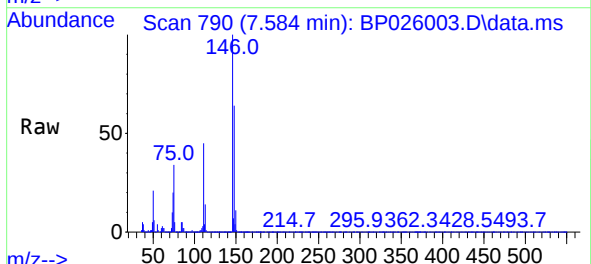
Tgt Ion: 93 Resp: 502091
Ion Ratio Lower Upper
93 100
63 81.6 56.6 96.6
95 31.8 11.3 51.3

Manual Integrations
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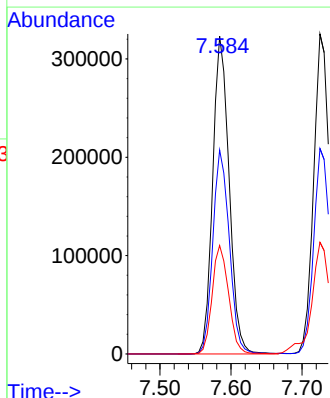
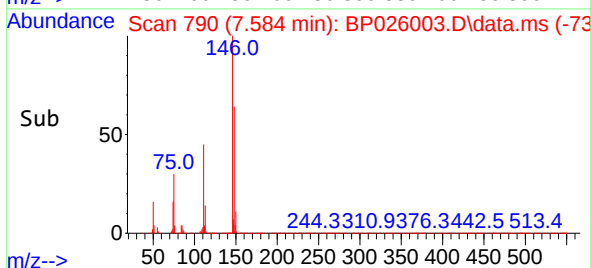
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

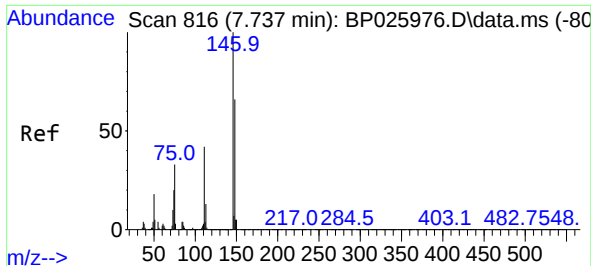


#12
1,3-Dichlorobenzene
Concen: 42.023 ng
RT: 7.584 min Scan# 790
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55



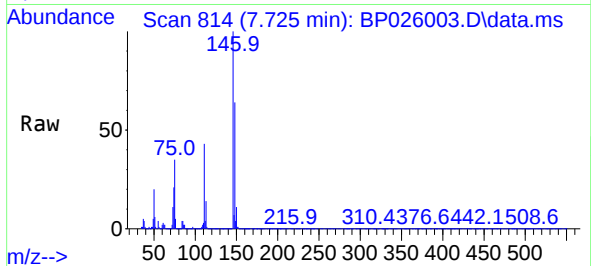
Tgt Ion:146 Resp: 517552
Ion Ratio Lower Upper
146 100
148 64.2 51.7 77.5
75 34.1 26.1 39.1





#13
1,4-Dichlorobenzene
Concen: 42.551 ng
RT: 7.725 min Scan# 816
Delta R.T. -0.012 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

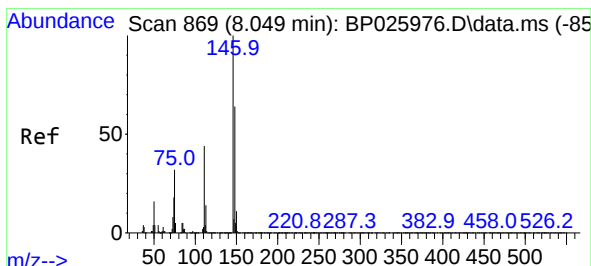
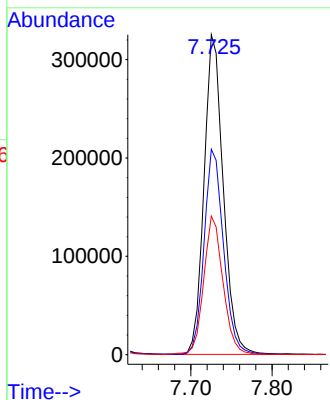
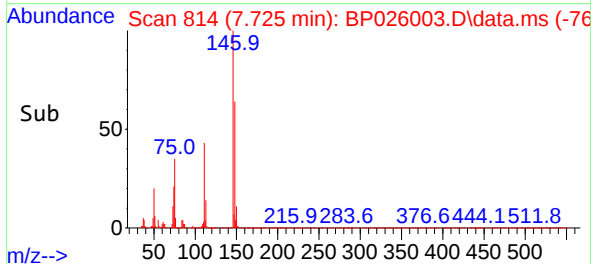
Instrument :
BNA_P
ClientSampleId :
PB170216BS



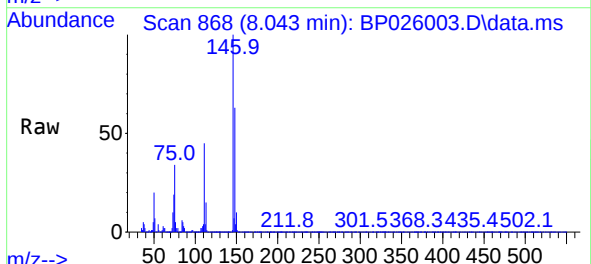
Tgt Ion:146 Resp: 53394
Ion Ratio Lower Upper
146 100
148 64.2 52.7 79.1
111 43.3 34.0 51.0

Manual Integrations
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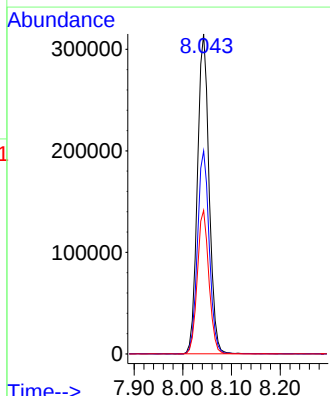
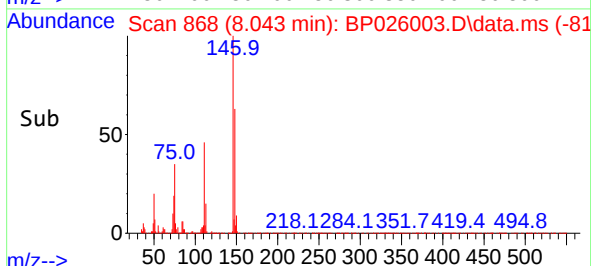
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

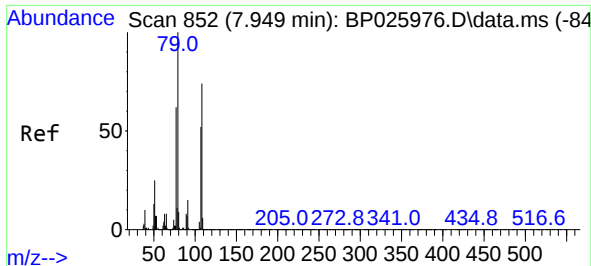


#14
1,2-Dichlorobenzene
Concen: 42.818 ng
RT: 8.043 min Scan# 868
Delta R.T. -0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55



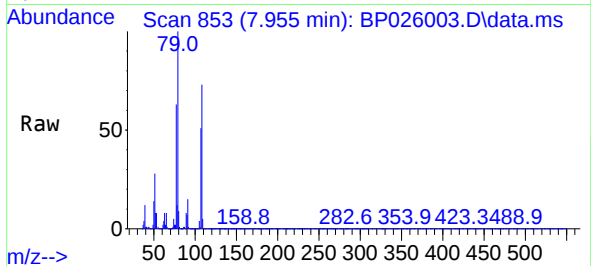
Tgt Ion:146 Resp: 525611
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.6
111 44.8 35.3 52.9





#15
Benzyl Alcohol
Concen: 47.958 ng
RT: 7.955 min Scan# 853
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

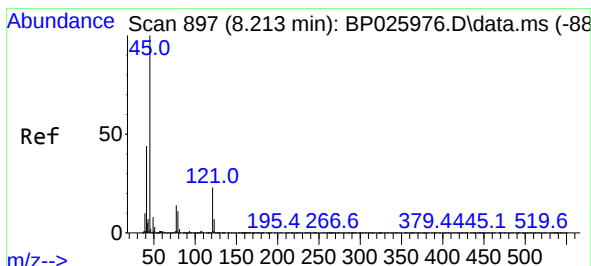
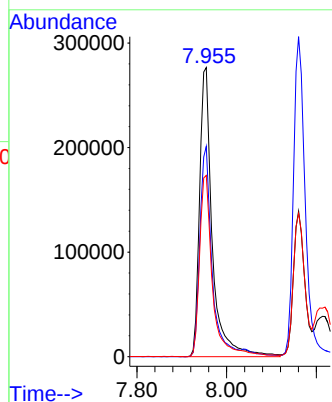
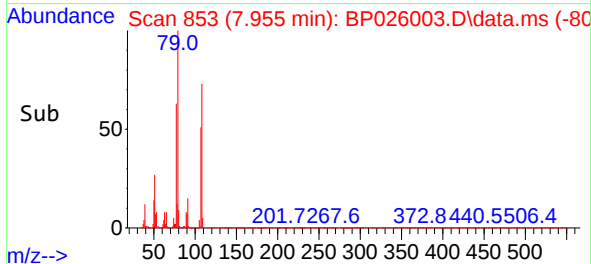
Instrument :
BNA_P
ClientSampleId :
PB170216BS



Tgt Ion: 79 Resp: 546030
Ion Ratio Lower Upper
79 100
108 72.7 59.2 88.8
77 62.7 49.3 73.9

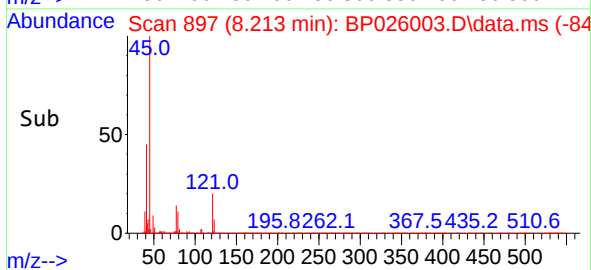
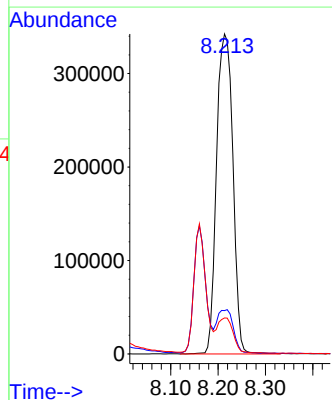
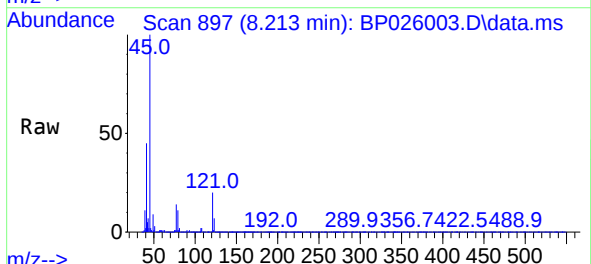
Manual Integrations
APPROVED

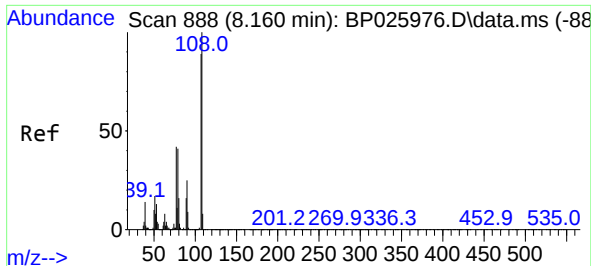
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.382 ng
RT: 8.213 min Scan# 897
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

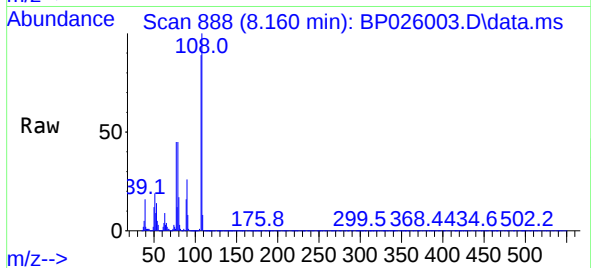
Tgt Ion: 45 Resp: 820485
Ion Ratio Lower Upper
45 100
77 13.6 0.0 34.3
79 11.3 0.0 31.5





#17
2-Methylphenol
Concen: 50.895 ng
RT: 8.160 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

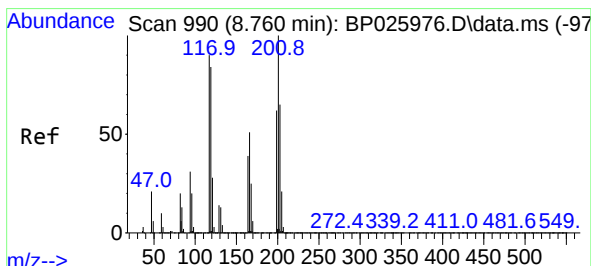
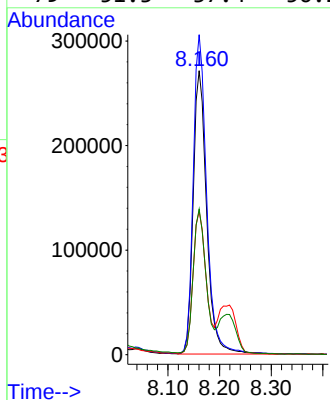
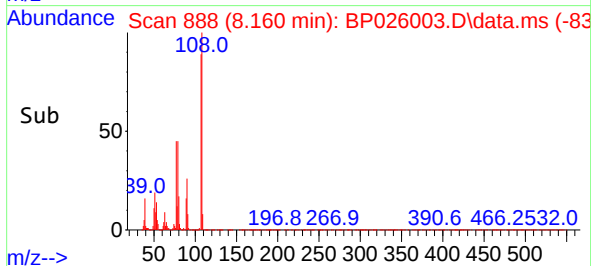
Instrument :
BNA_P
ClientSampleId :
PB170216BS



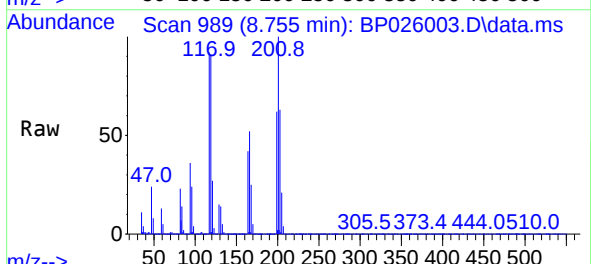
Tgt Ion:107 Resp: 49269
Ion Ratio Lower Upper
107 100
108 112.7 89.5 134.3
77 50.5 38.1 57.1
79 51.3 37.4 56.2

Manual Integrations
APPROVED

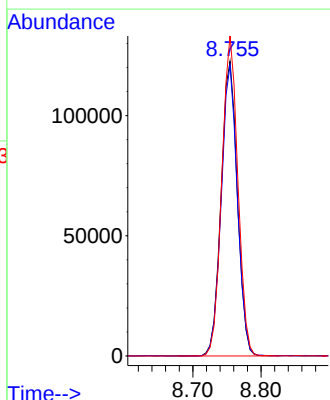
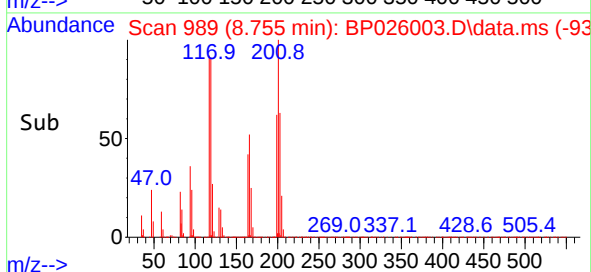
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

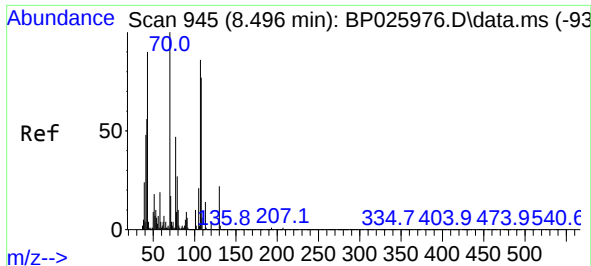


#18
Hexachloroethane
Concen: 42.477 ng
RT: 8.755 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55



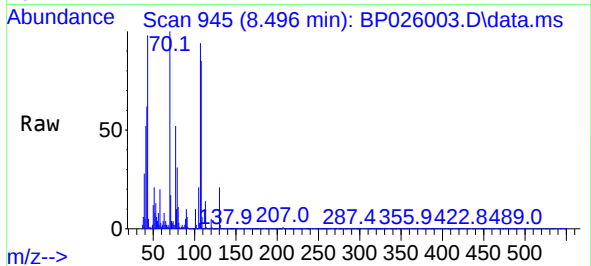
Tgt Ion:117 Resp: 203399
Ion Ratio Lower Upper
117 100
119 98.7 74.6 112.0
201 108.6 88.6 133.0





#19
n-Nitroso-di-n-propylamine
Concen: 46.274 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

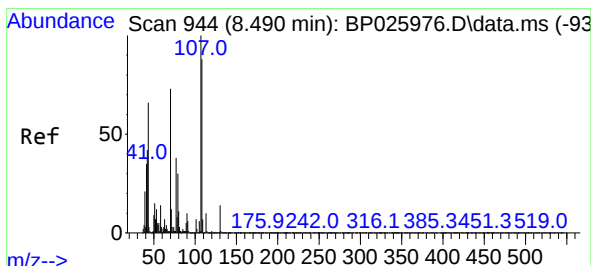
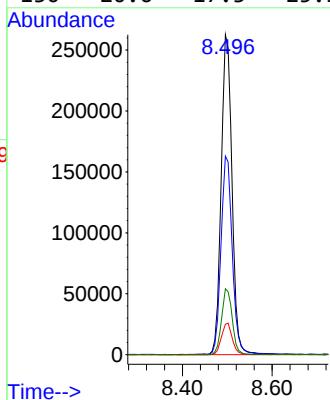
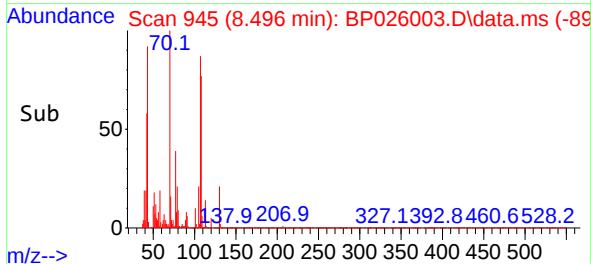
Instrument :
BNA_P
ClientSampleId :
PB170216BS



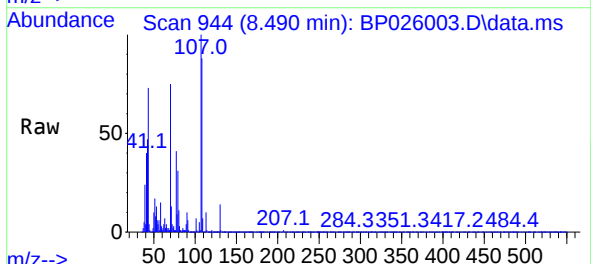
Tgt Ion: 70 Resp: 441270
Ion Ratio Lower Upper
70 100
42 62.0 45.2 67.8
101 9.5 7.9 11.9
130 20.6 17.3 25.9

Manual Integrations
APPROVED

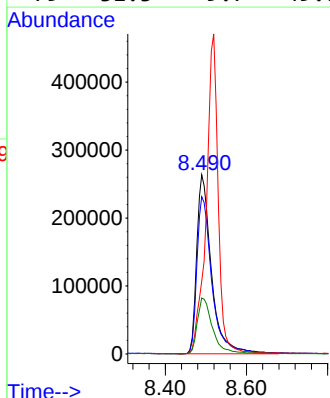
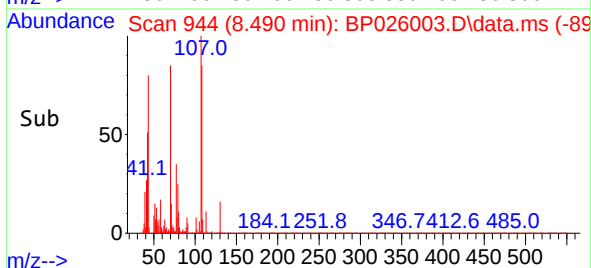
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

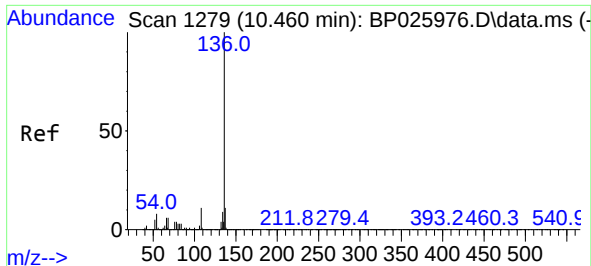


#20
3+4-Methylphenols
Concen: 49.523 ng
RT: 8.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55



Tgt Ion:107 Resp: 667994
Ion Ratio Lower Upper
107 100
108 87.8 67.8 107.8
77 40.5 18.5 58.5
79 31.3 9.7 49.7





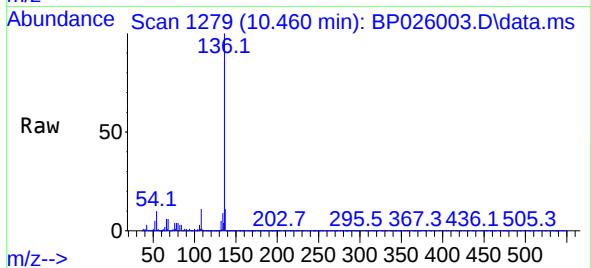
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.460 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Instrument :

BNA_P

ClientSampleId :

PB170216BS



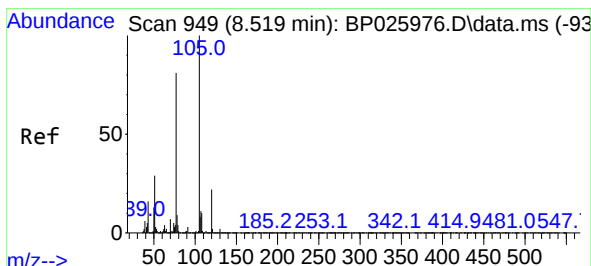
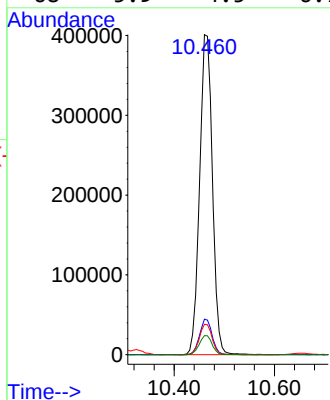
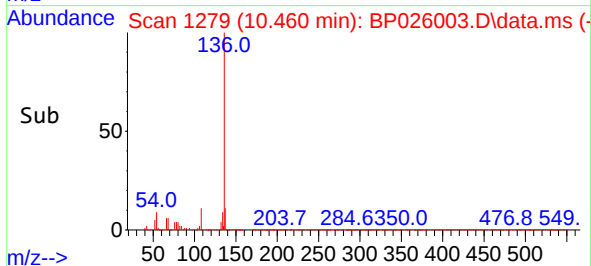
Tgt Ion:136 Resp: 71157
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.5 6.8 10.2
68 5.9 4.5 6.7

Manual Integrations

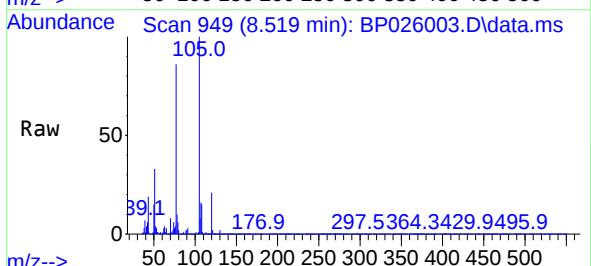
APPROVED

Reviewed By :Rahul Chavli 10/23/2025

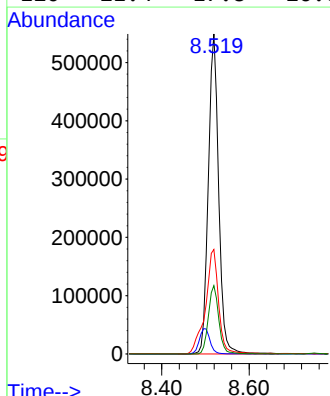
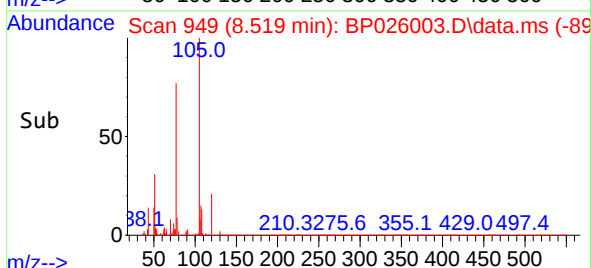
Supervised By :Jagrut Upadhyay 10/23/2025

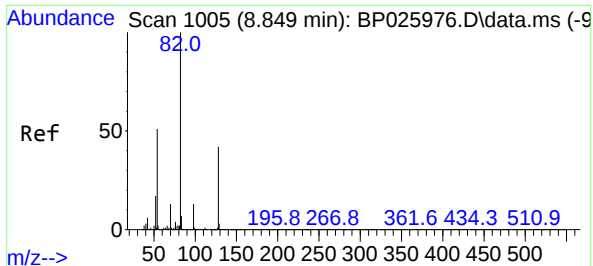


#22
Acetophenone
Concen: 46.775 ng
RT: 8.519 min Scan# 949
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55



Tgt Ion:105 Resp: 904873
Ion Ratio Lower Upper
105 100
71 1.2 0.9 1.3
51 32.6 23.0 34.4
120 21.4 17.8 26.6





#23
Nitrobenzene-d5
Concen: 72.867 ng
RT: 8.849 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Instrument :

BNA_P

ClientSampleId :

PB170216BS

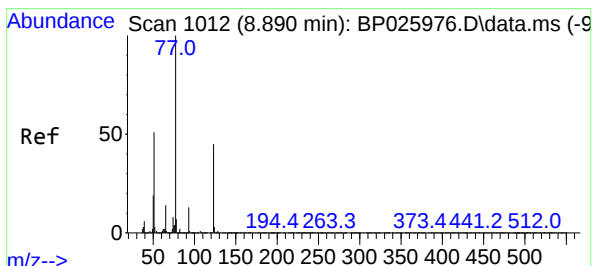
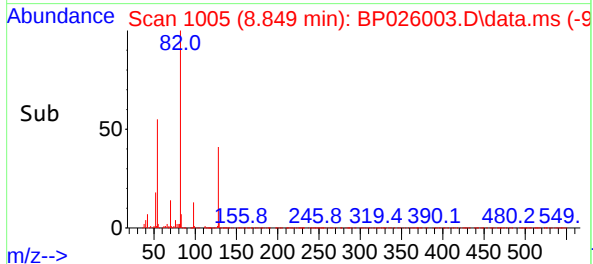
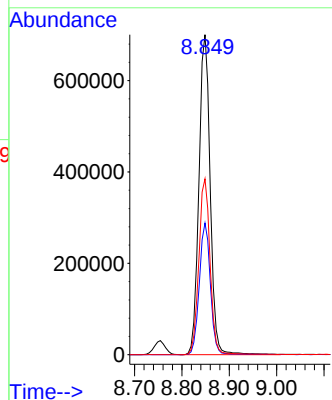
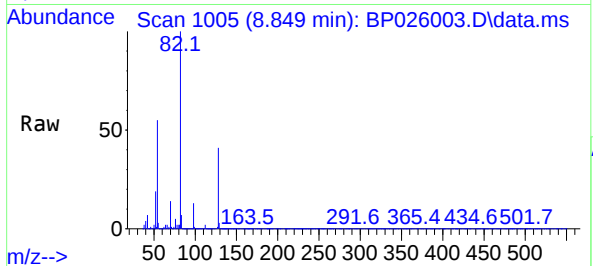
Tgt Ion: 82 Resp: 115356
Ion Ratio Lower Upper
82 100
128 41.1 33.6 50.4
54 55.0 40.6 61.0

Manual Integrations

APPROVED

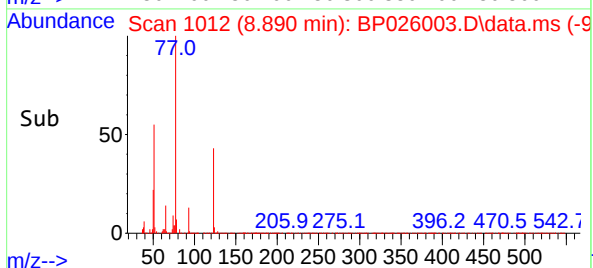
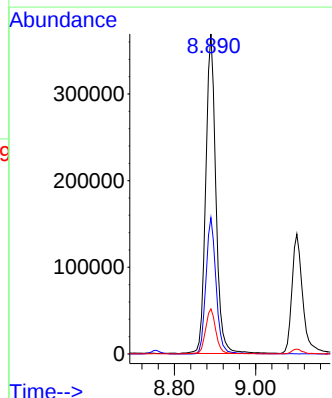
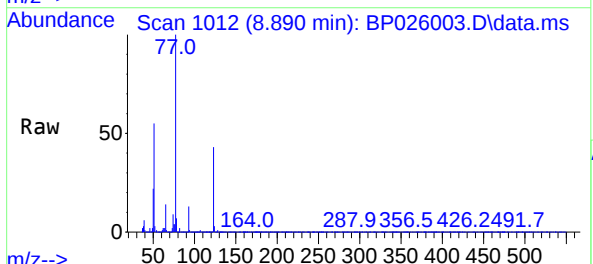
Reviewed By :Rahul Chavli 10/23/2025

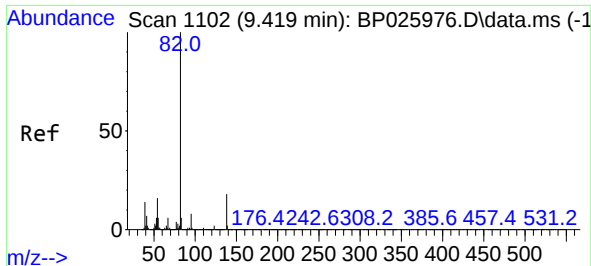
Supervised By :Jagrut Upadhyay 10/23/2025



#24
Nitrobenzene
Concen: 45.305 ng
RT: 8.890 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

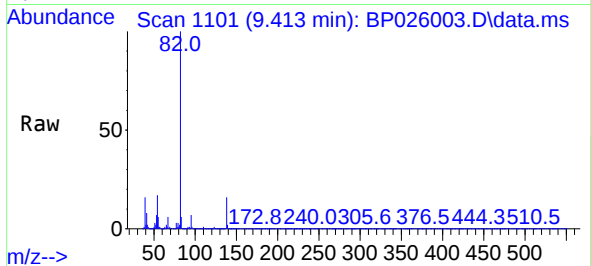
Tgt Ion: 77 Resp: 637812
Ion Ratio Lower Upper
77 100
123 42.6 35.6 53.4
65 14.1 11.1 16.7





#25
Isophorone
Concen: 43.896 ng
RT: 9.413 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

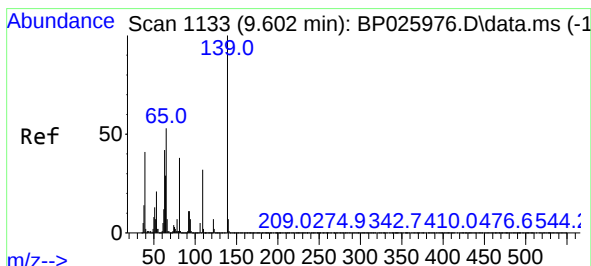
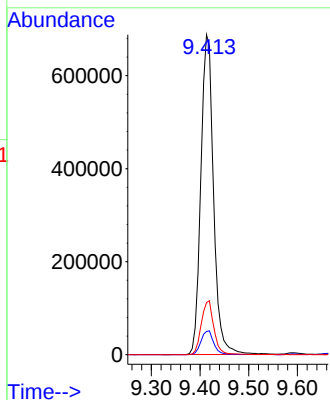
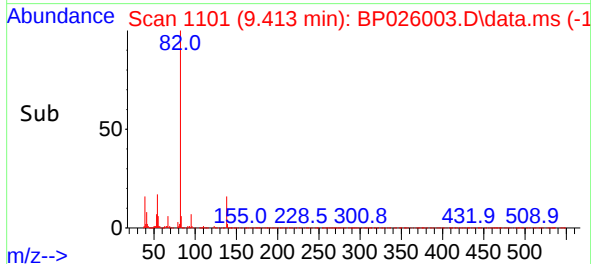
Instrument :
BNA_P
ClientSampleId :
PB170216BS



Tgt Ion: 82 Resp: 124809
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 16.3 14.2 21.2

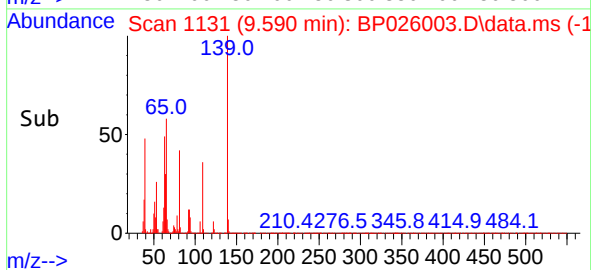
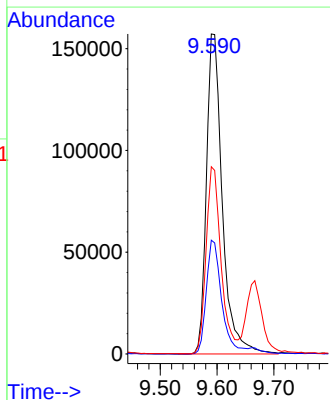
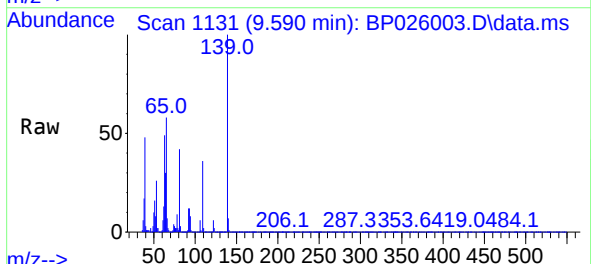
Manual Integrations
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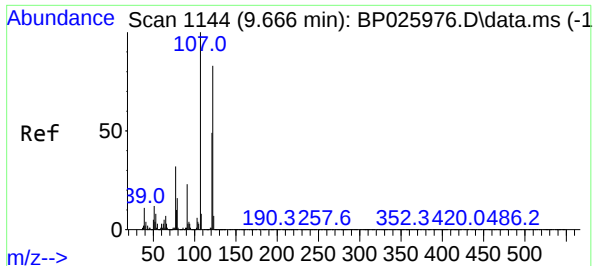
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#26
2-Nitrophenol
Concen: 44.666 ng
RT: 9.590 min Scan# 1131
Delta R.T. -0.012 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Tgt Ion:139 Resp: 304525
Ion Ratio Lower Upper
139 100
109 35.6 25.9 38.9
65 58.5 42.4 63.6





#27
2,4-Dimethylphenol
Concen: 47.567 ng
RT: 9.666 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Instrument :

BNA_P

ClientSampleId :

PB170216BS

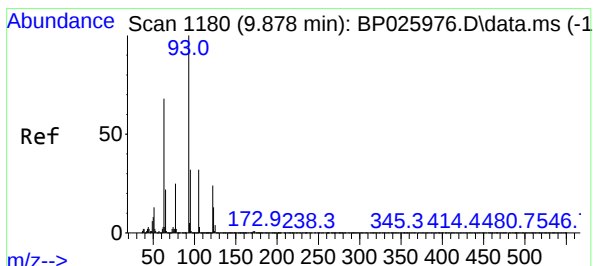
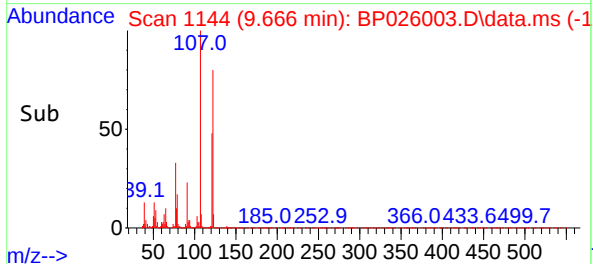
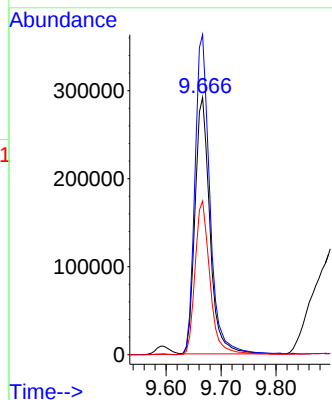
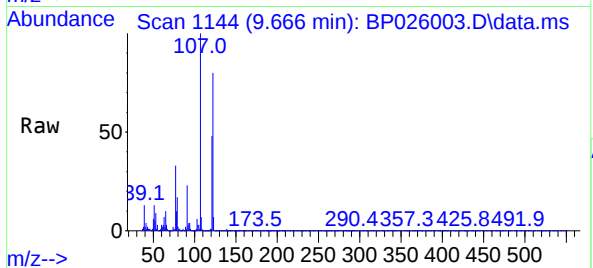
Tgt Ion:122 Resp: 54955
Ion Ratio Lower Upper
122 100
107 124.4 95.9 143.9
121 59.7 46.6 70.0

Manual Integrations

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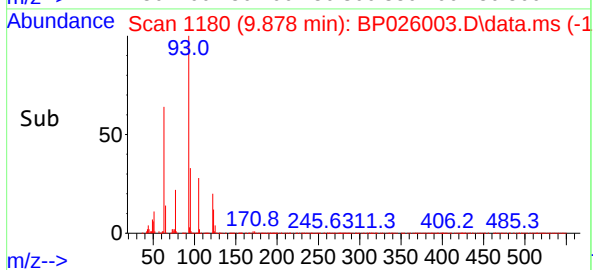
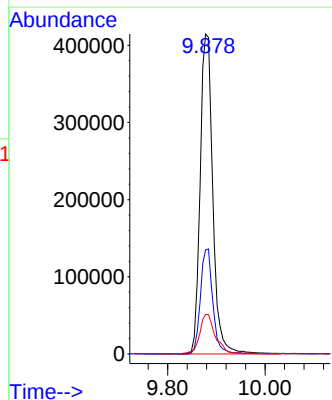
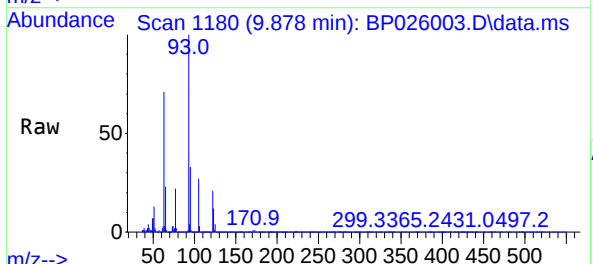
Reviewed By :Rahul Chavli 10/23/2025

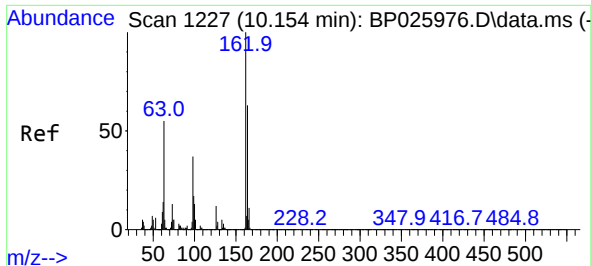
Supervised By :Jagrut Upadhyay 10/23/2025



#28
bis(2-Chloroethoxy)methane
Concen: 45.077 ng
RT: 9.878 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Tgt Ion: 93 Resp: 749761
Ion Ratio Lower Upper
93 100
95 32.6 25.3 37.9
123 12.4 10.4 15.6





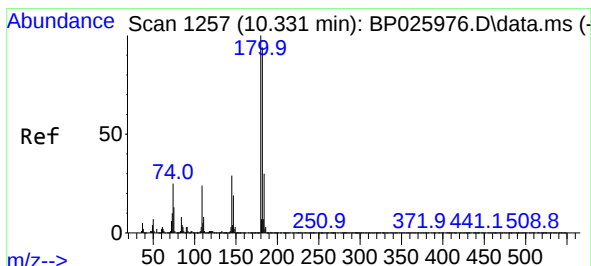
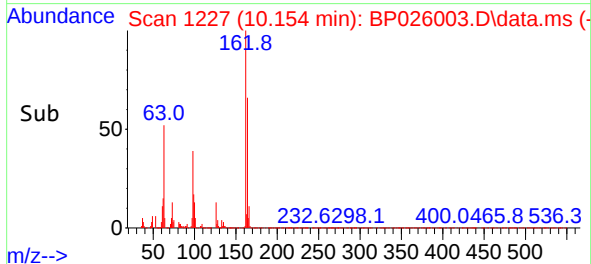
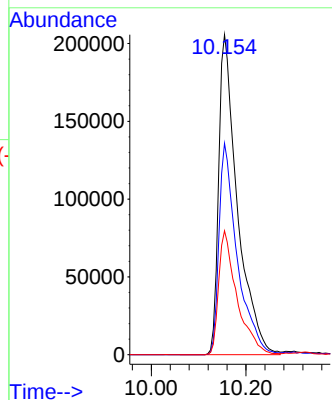
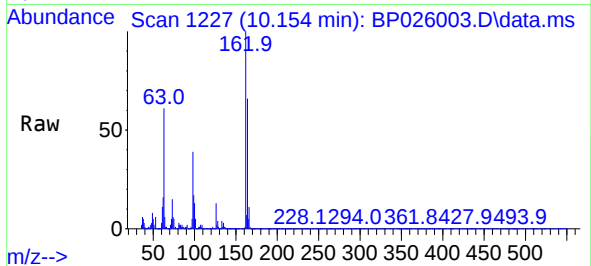
#29
2,4-Dichlorophenol
Concen: 49.032 ng
RT: 10.154 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Instrument :
BNA_P
ClientSampleId :
PB170216BS

Tgt Ion:162 Resp: 564440
Ion Ratio Lower Upper
162 100
164 66.1 43.4 83.4
98 38.7 17.3 57.3

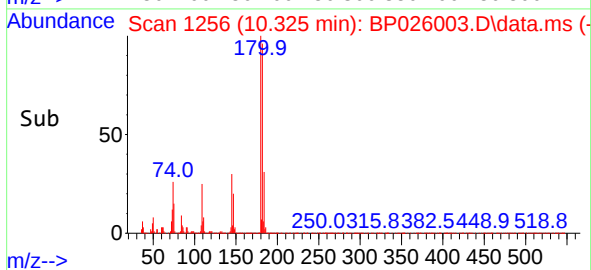
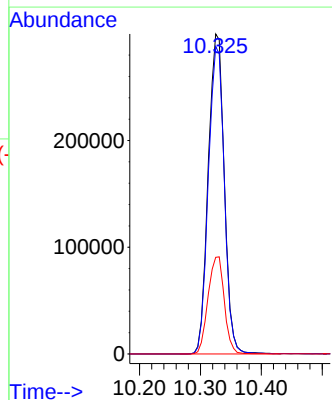
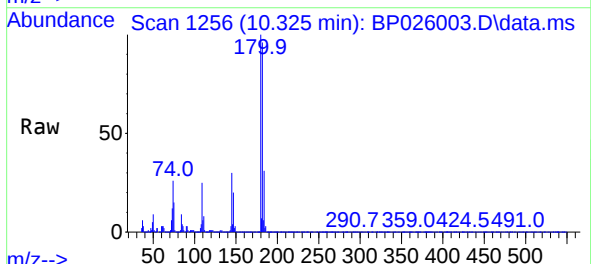
Manual Integrations
APPROVED

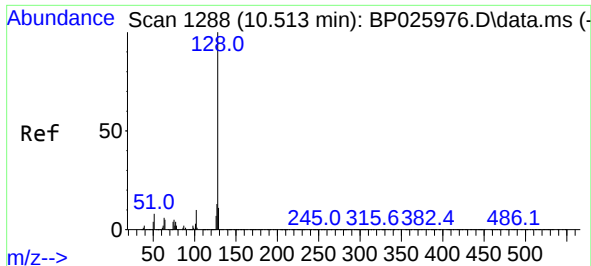
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#30
1,2,4-Trichlorobenzene
Concen: 42.042 ng
RT: 10.325 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

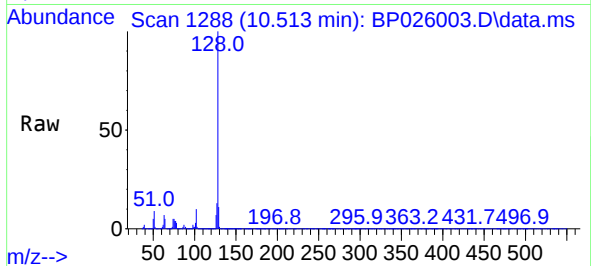
Tgt Ion:180 Resp: 547923
Ion Ratio Lower Upper
180 100
182 96.1 75.3 112.9
145 30.2 23.4 35.2





#31
Naphthalene
Concen: 42.985 ng
RT: 10.513 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

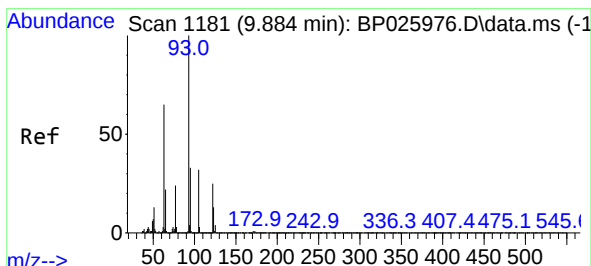
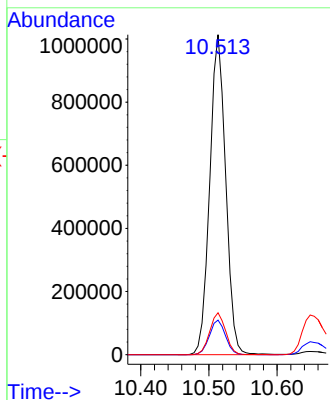
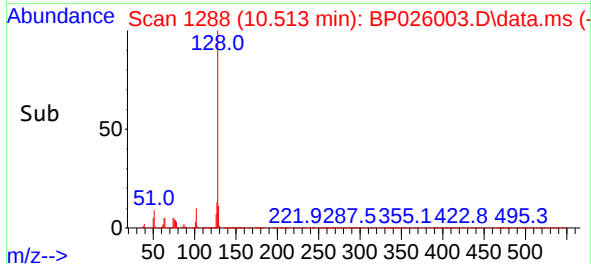
Instrument :
BNA_P
ClientSampleId :
PB170216BS



Tgt Ion:128 Resp: 1650015
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.1 10.6 16.0

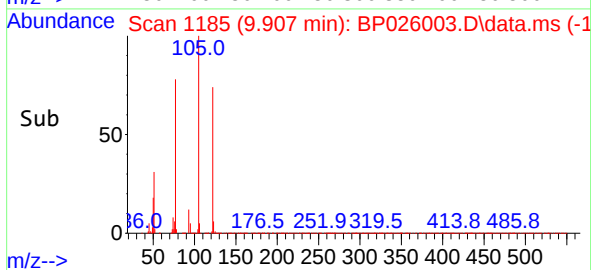
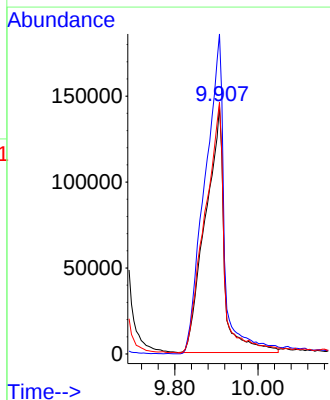
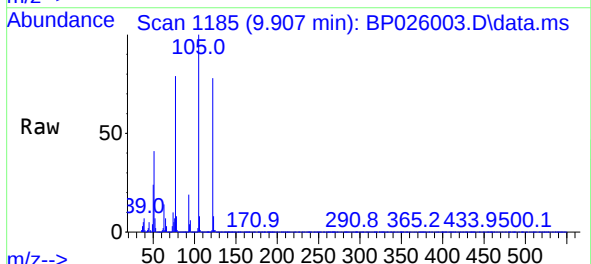
Manual Integrations
APPROVED

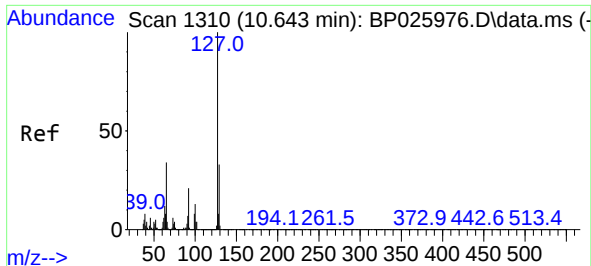
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#32
Benzoic acid
Concen: 54.501 ng
RT: 9.907 min Scan# 1185
Delta R.T. 0.024 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Tgt Ion:122 Resp: 456287
Ion Ratio Lower Upper
122 100
105 128.9 107.4 147.4
77 101.5 77.0 117.0





#33
4-Chloroaniline
Concen: 18.644 ng
RT: 10.649 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Instrument :

BNA_P

ClientSampleId :

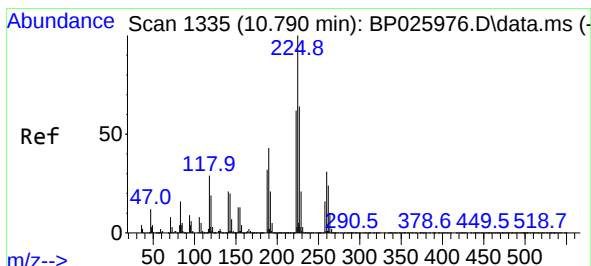
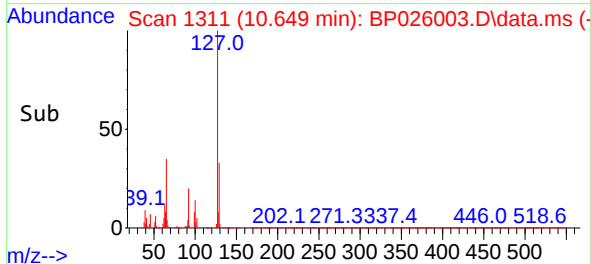
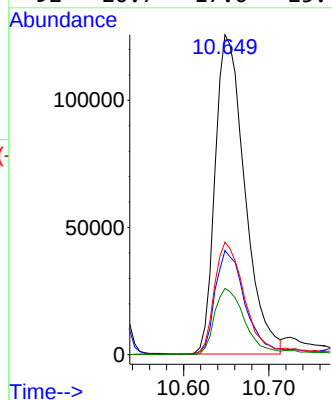
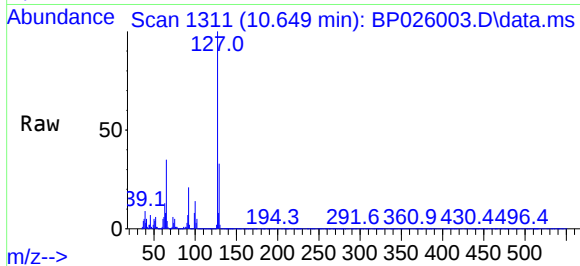
PB170216BS

Tgt Ion:127 Resp: 303918
Ion Ratio Lower Upper
127 100
129 32.5 26.2 39.4
65 35.2 27.2 40.8
92 20.7 17.0 25.4

Manual Integrations

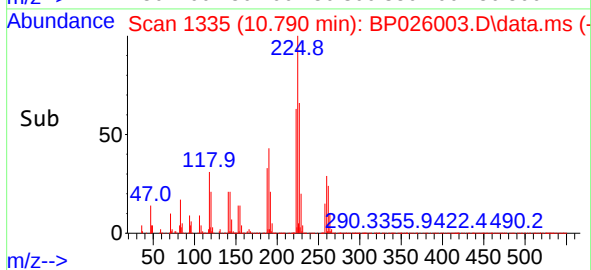
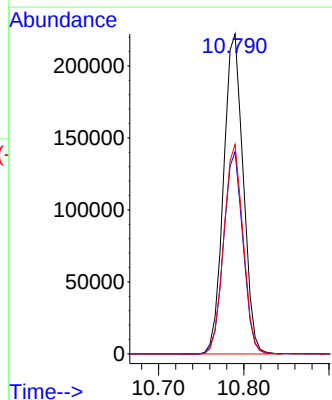
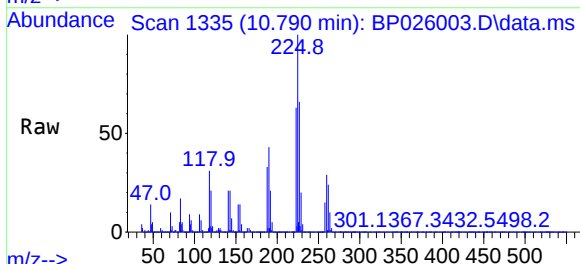
APPROVED

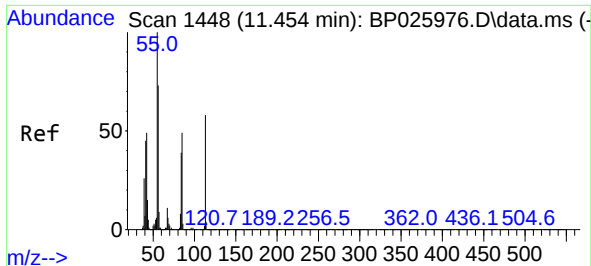
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#34
Hexachlorobutadiene
Concen: 41.238 ng
RT: 10.790 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

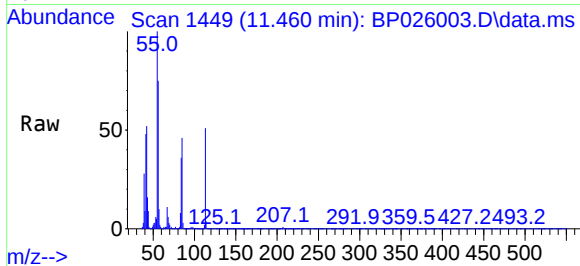
Tgt Ion:225 Resp: 355683
Ion Ratio Lower Upper
225 100
223 63.2 49.8 74.8
227 65.5 51.4 77.2





#35
Caprolactam
Concen: 47.745 ng m
RT: 11.460 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

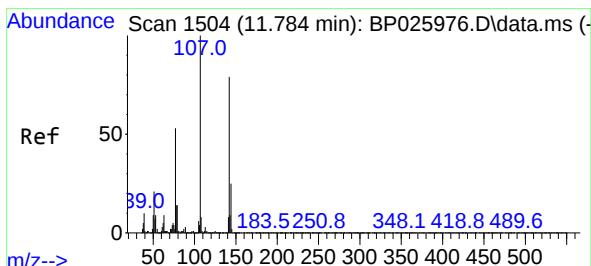
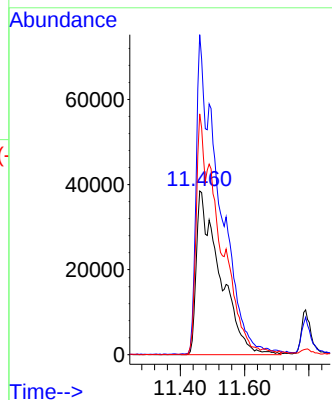
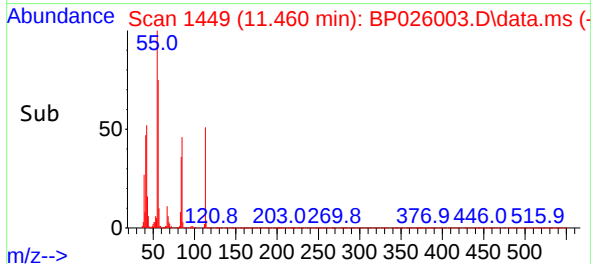
Instrument :
BNA_P
ClientSampleId :
PB170216BS



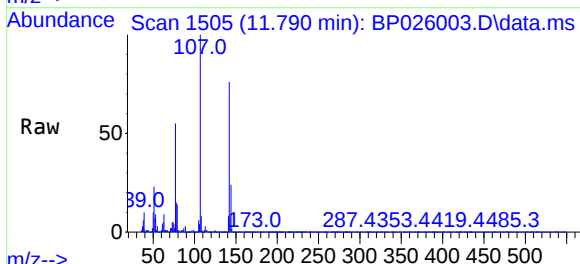
Tgt Ion:113 Resp: 19559
Ion Ratio Lower Upper
113 100
55 195.4 151.8 191.8
56 147.1 104.6 144.6

Manual Integrations
APPROVED

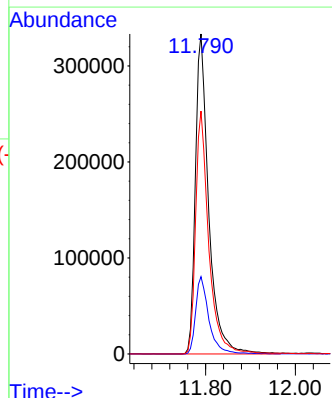
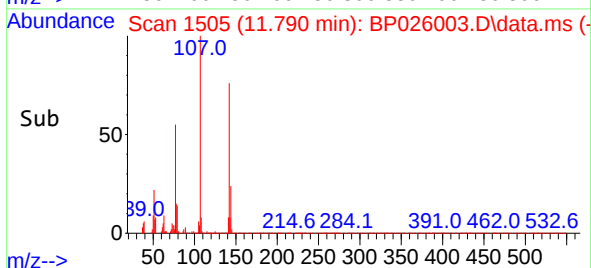
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

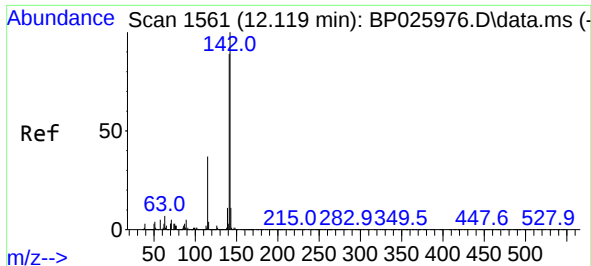


#36
4-Chloro-3-methylphenol
Concen: 50.677 ng
RT: 11.790 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55



Tgt Ion:107 Resp: 684910
Ion Ratio Lower Upper
107 100
144 24.2 20.3 30.5
142 75.9 63.0 94.4





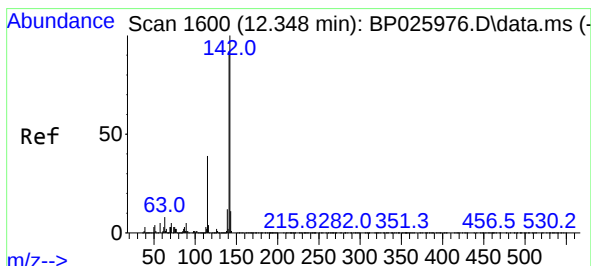
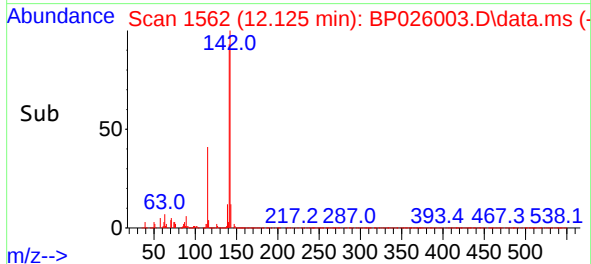
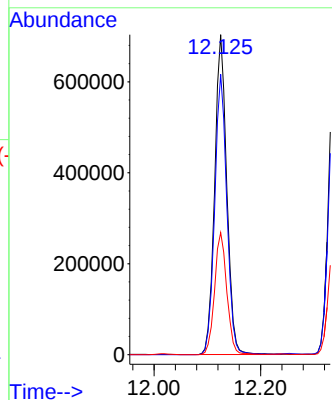
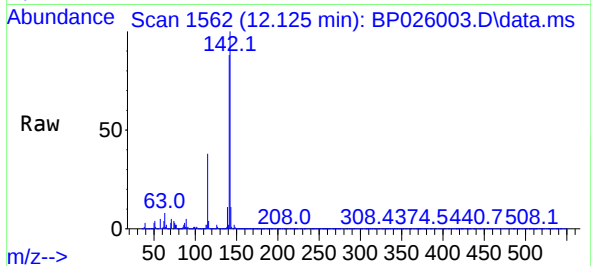
#37
2-Methylnaphthalene
Concen: 44.206 ng
RT: 12.125 min Scan# 1561
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Instrument :
BNA_P
ClientSampleId :
PB170216BS

Tgt Ion:142 Resp: 111100
Ion Ratio Lower Upper
142 100
141 87.6 70.9 106.3
115 38.2 29.9 44.9

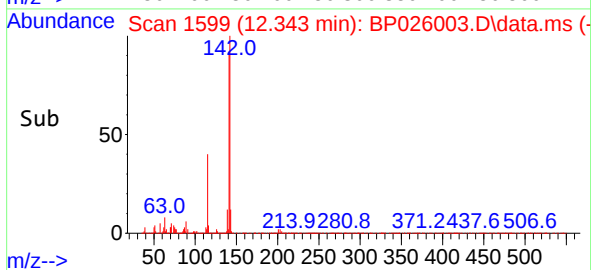
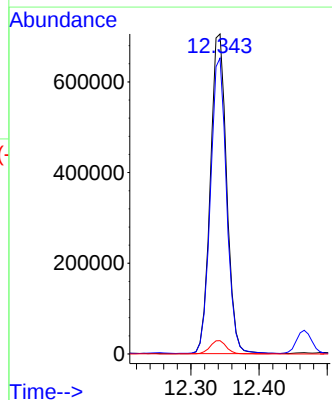
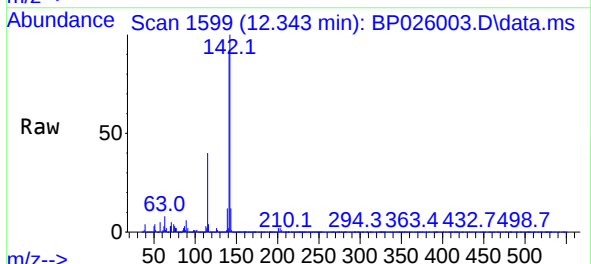
Manual Integrations
APPROVED

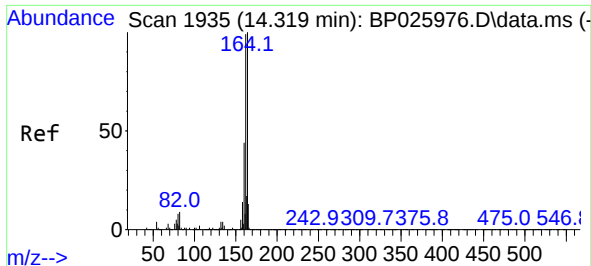
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#38
1-Methylnaphthalene
Concen: 44.264 ng
RT: 12.343 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Tgt Ion:142 Resp: 1173410
Ion Ratio Lower Upper
142 100
141 92.4 73.7 110.5
116 4.1 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Instrument :

BNA_P

ClientSampleId :

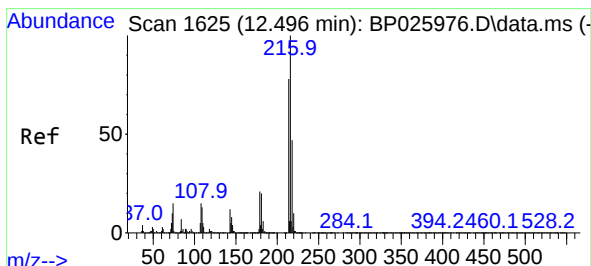
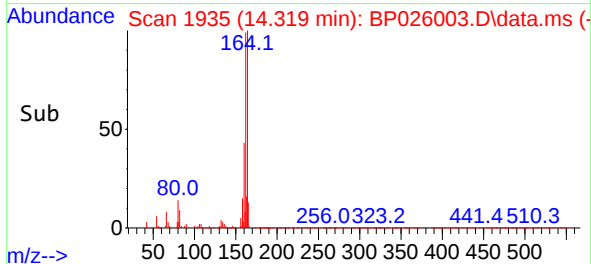
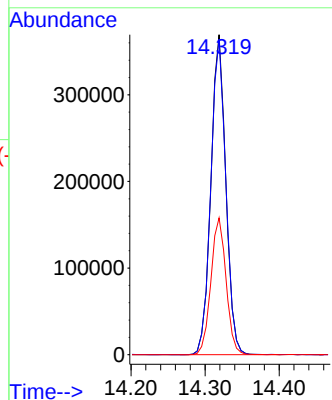
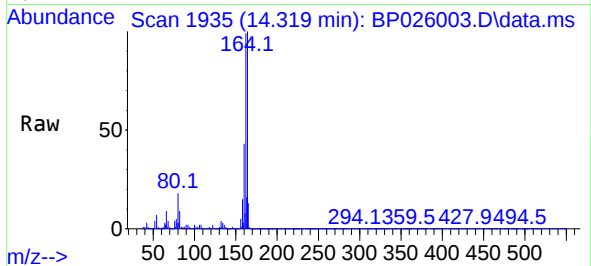
PB170216BS

Tgt Ion:164 Resp: 515285
Ion Ratio Lower Upper
164 100
162 98.6 79.3 118.9
160 42.8 35.4 53.0

Manual Integrations

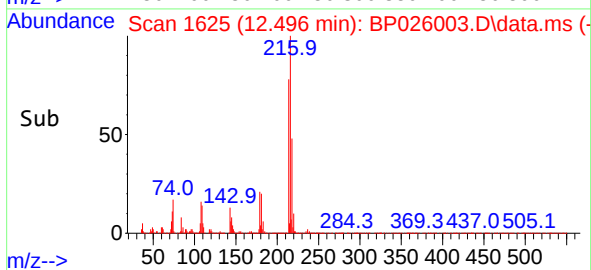
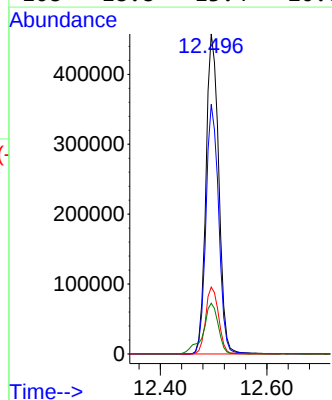
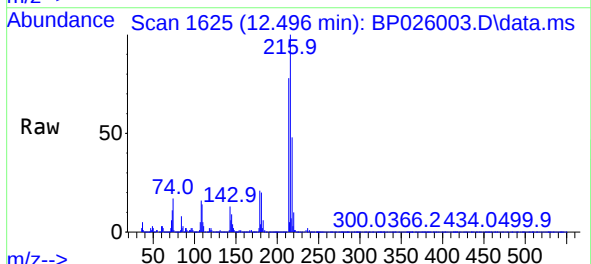
APPROVED

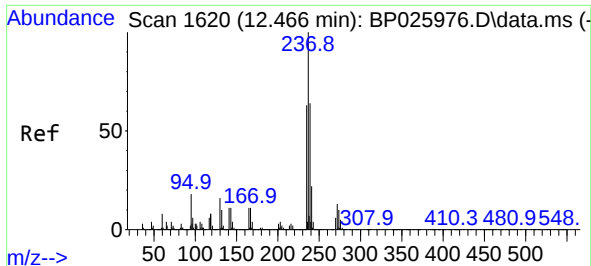
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.331 ng
RT: 12.496 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

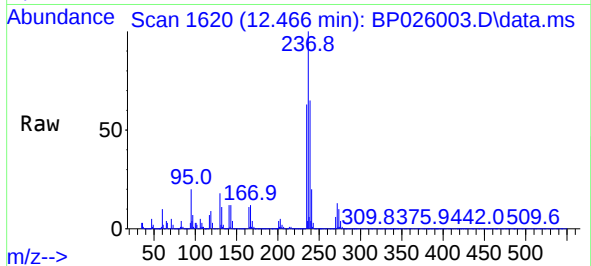
Tgt Ion:216 Resp: 760610
Ion Ratio Lower Upper
216 100
214 77.5 62.6 94.0
179 21.1 16.5 24.7
108 18.8 13.4 20.0





#41
Hexachlorocyclopentadiene
Concen: 70.107 ng
RT: 12.466 min Scan# 1620
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

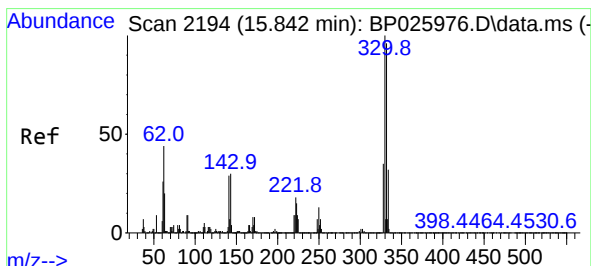
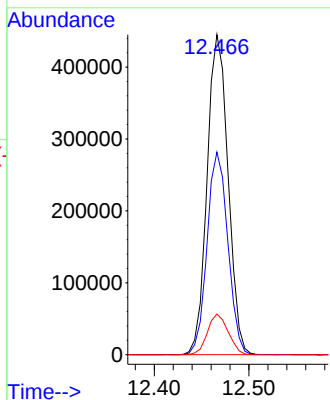
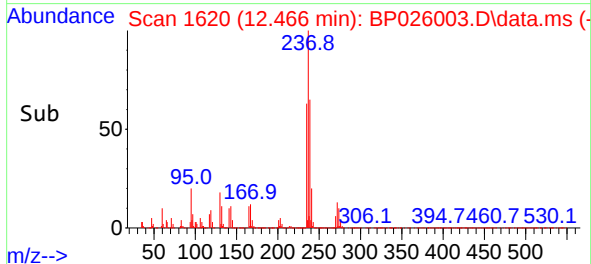
Instrument :
BNA_P
ClientSampleId :
PB170216BS



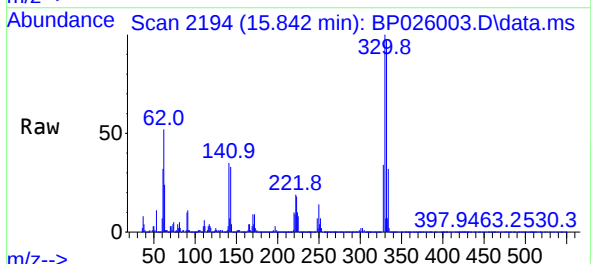
Tgt Ion:237 Resp: 686290
Ion Ratio Lower Upper
237 100
235 63.3 43.1 83.1
272 12.7 0.0 33.4

Manual Integrations
APPROVED

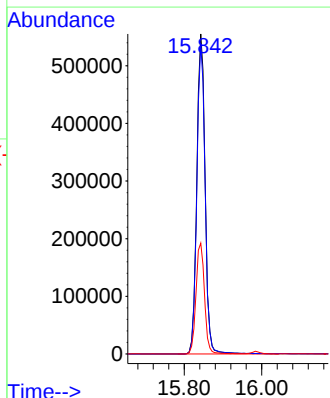
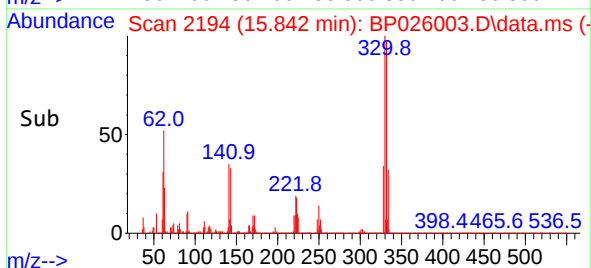
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

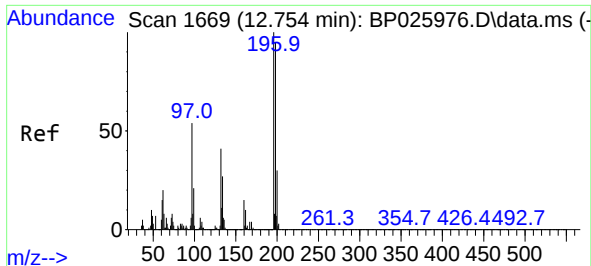


#42
2,4,6-Tribromophenol
Concen: 118.989 ng
RT: 15.842 min Scan# 2194
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55



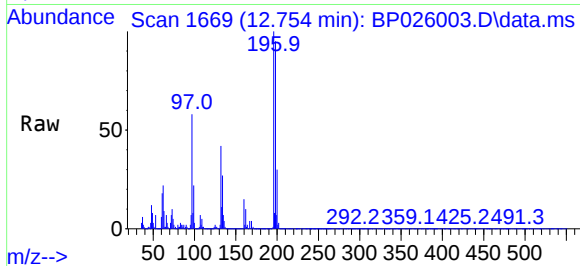
Tgt Ion:330 Resp: 825421
Ion Ratio Lower Upper
330 100
332 96.2 77.8 116.8
141 35.6 25.6 38.4





#43
2,4,6-Trichlorophenol
Concen: 45.614 ng
RT: 12.754 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

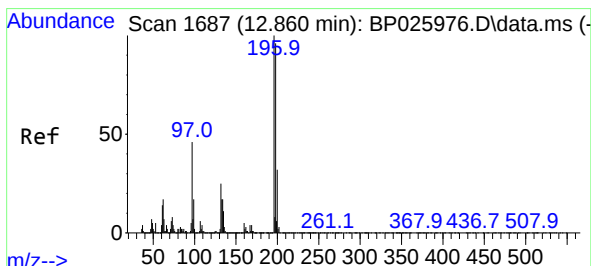
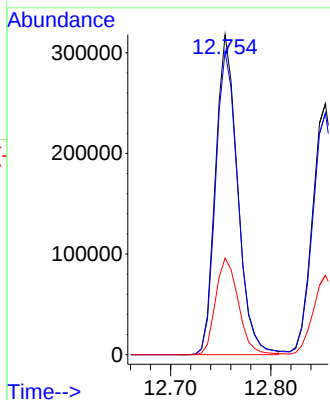
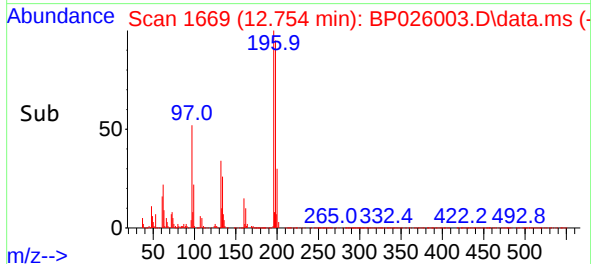
Instrument :
BNA_P
ClientSampleId :
PB170216BS



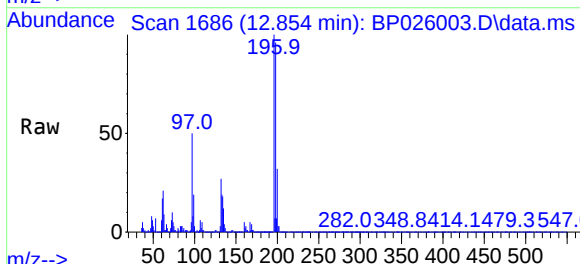
Tgt Ion:196 Resp: 48580
Ion Ratio Lower Upper
196 100
198 94.8 76.3 114.5
200 30.2 23.9 35.9

Manual Integrations
APPROVED

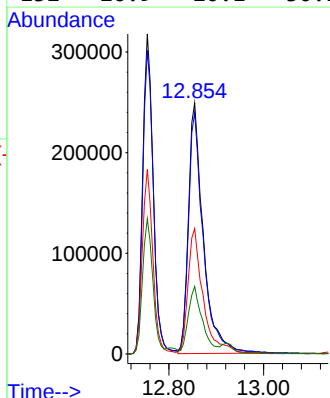
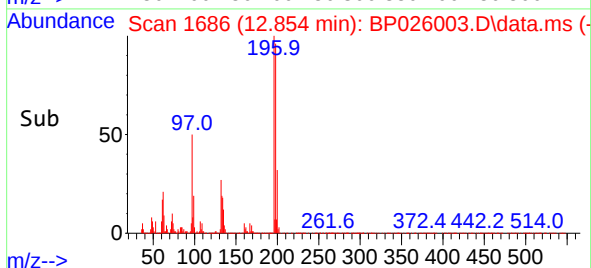
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

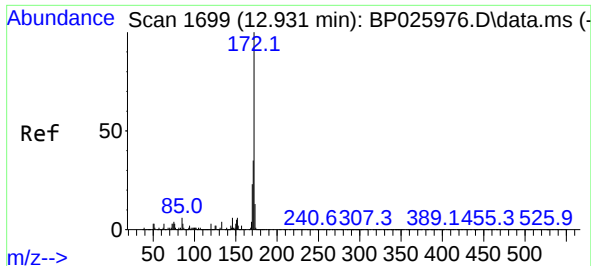


#44
2,4,5-Trichlorophenol
Concen: 47.028 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55



Tgt Ion:196 Resp: 545404
Ion Ratio Lower Upper
196 100
198 96.2 77.0 115.4
97 49.9 36.6 54.8
132 26.9 20.1 30.1





#45
2-Fluorobiphenyl
Concen: 69.293 ng
RT: 12.925 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Instrument :

BNA_P

ClientSampleId :

PB170216BS

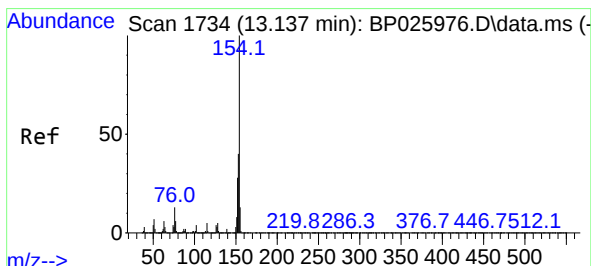
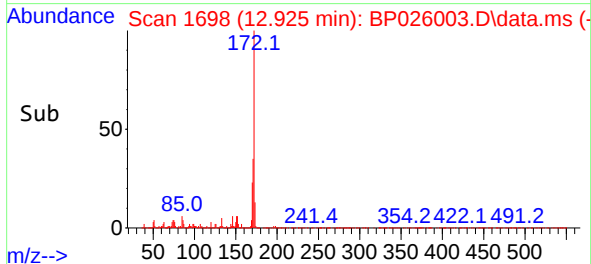
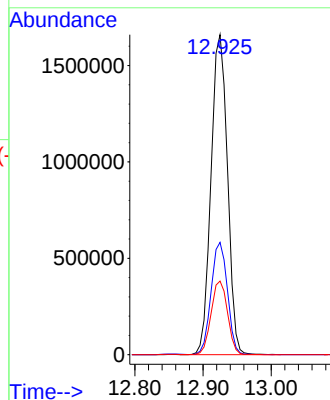
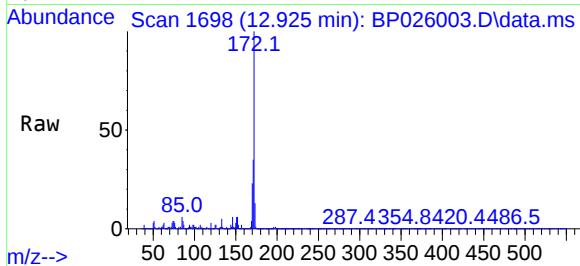
Tgt Ion:172 Resp: 2785725
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 23.0 18.5 27.7

Manual Integrations

APPROVED

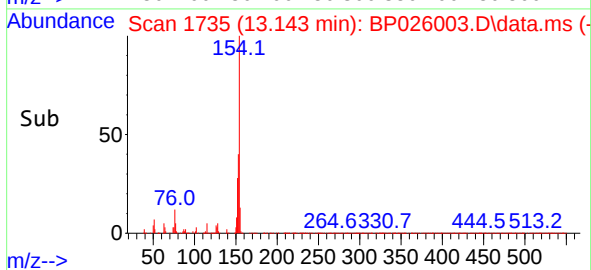
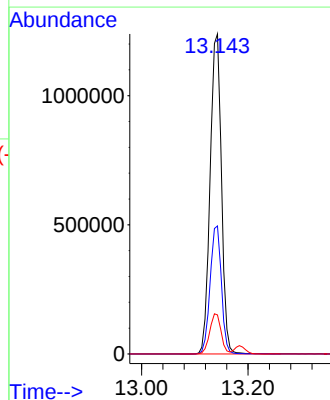
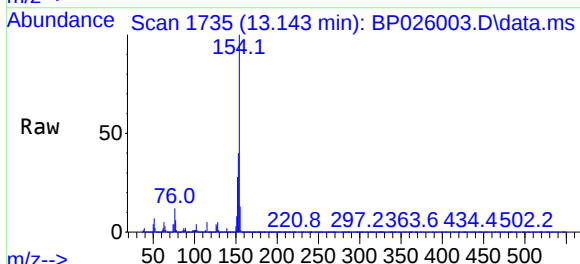
Reviewed By :Rahul Chavli 10/23/2025

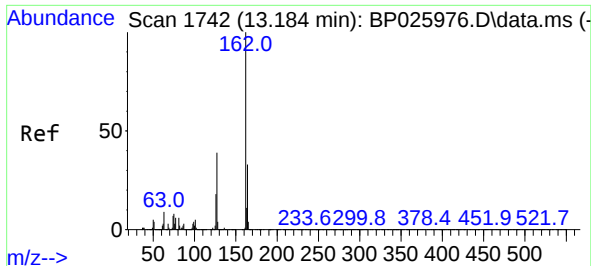
Supervised By :Jagrut Upadhyay 10/23/2025



#46
1,1'-Biphenyl
Concen: 46.860 ng
RT: 13.143 min Scan# 1735
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Tgt Ion:154 Resp: 1823986
Ion Ratio Lower Upper
154 100
153 40.0 20.1 60.1
76 12.2 0.0 33.1





#47
2-Chloronaphthalene
Concen: 42.023 ng
RT: 13.184 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Instrument :

BNA_P

ClientSampleId :

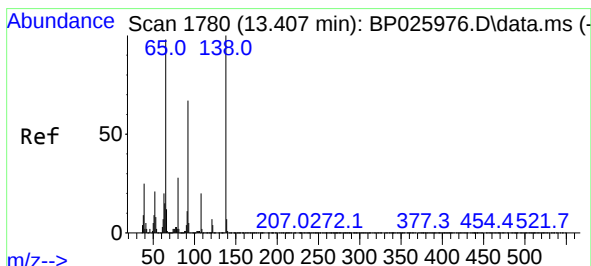
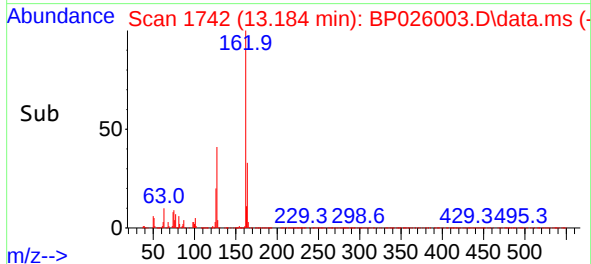
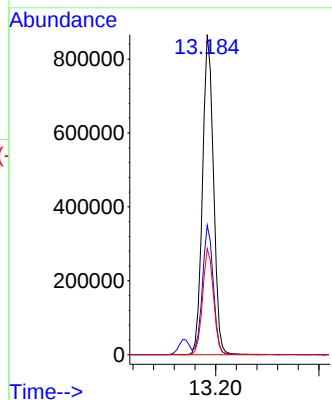
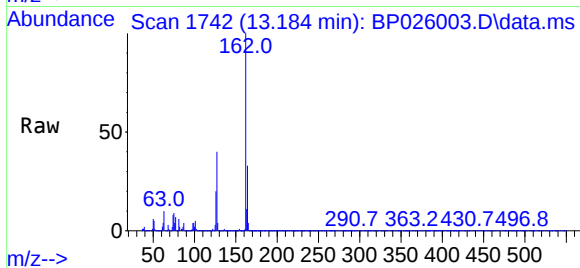
PB170216BS

Tgt Ion:162 Resp: 127894
Ion Ratio Lower Upper
162 100
127 40.4 31.4 47.0
164 33.1 26.4 39.6

Manual Integrations

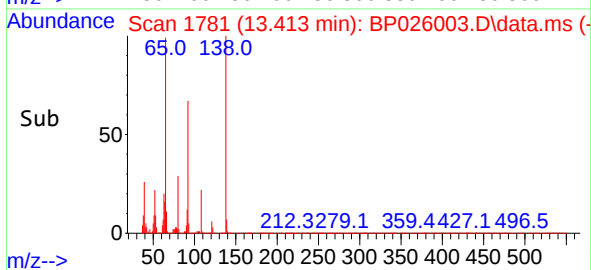
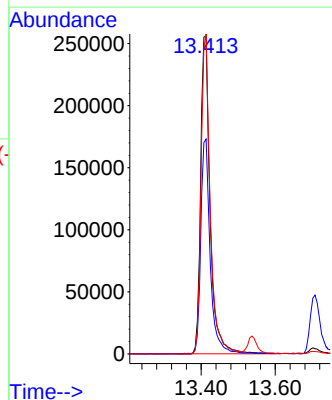
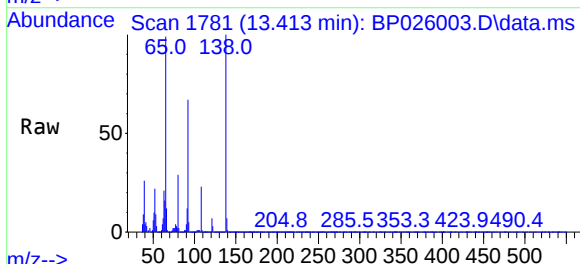
APPROVED

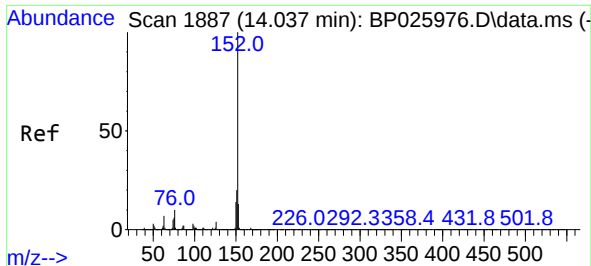
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#48
2-Nitroaniline
Concen: 48.244 ng
RT: 13.413 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Tgt Ion: 65 Resp: 457621
Ion Ratio Lower Upper
65 100
92 67.6 55.0 82.4
138 100.6 82.0 123.0





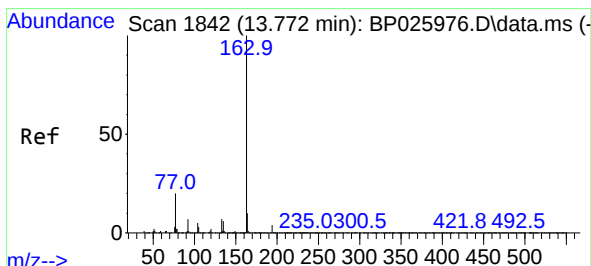
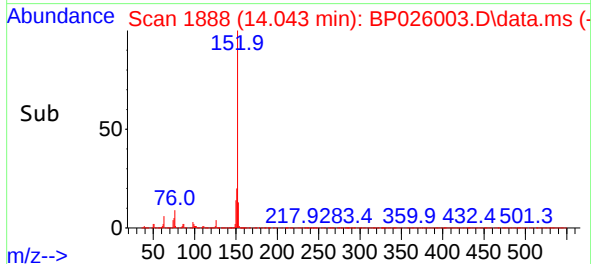
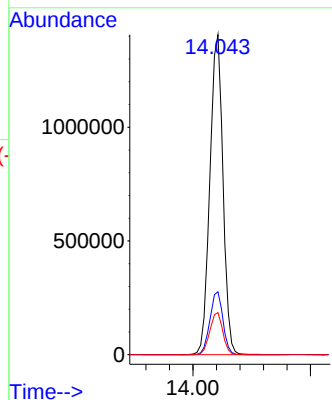
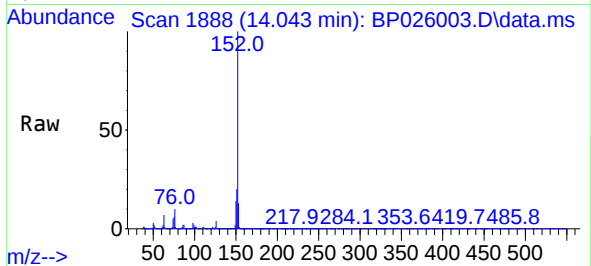
#49
Acenaphthylene
Concen: 44.032 ng
RT: 14.043 min Scan# 1888
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Instrument :
BNA_P
ClientSampleId :
PB170216BS

Tgt Ion:152 Resp: 216681
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.2 10.6 15.8

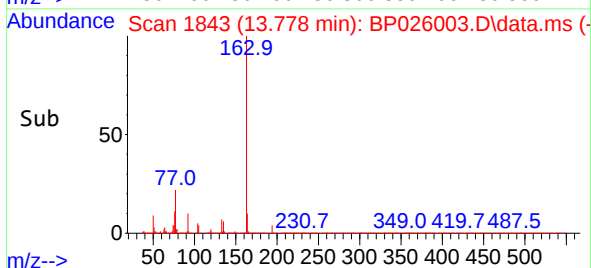
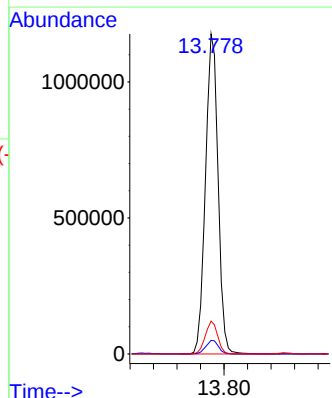
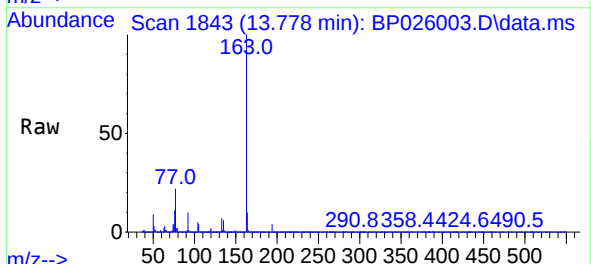
Manual Integrations
APPROVED

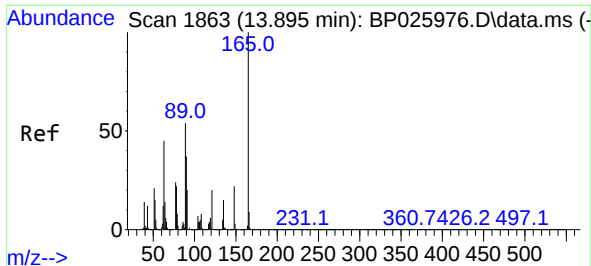
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#50
Dimethylphthalate
Concen: 44.843 ng
RT: 13.778 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

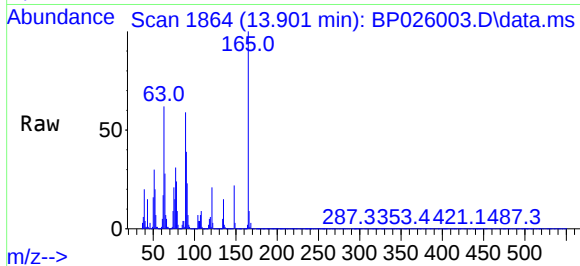
Tgt Ion:163 Resp: 1746558
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.449 ng
RT: 13.901 min Scan# 1864
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

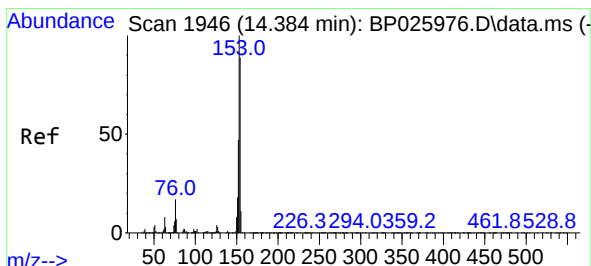
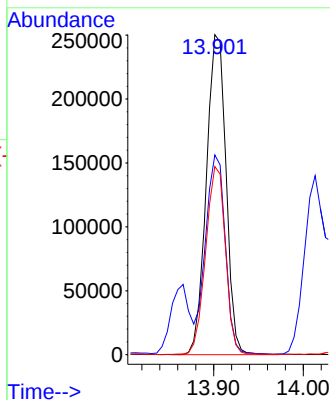
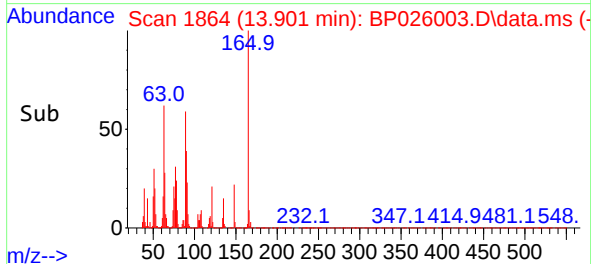
Instrument :
BNA_P
ClientSampleId :
PB170216BS



Tgt Ion:165 Resp: 382190
Ion Ratio Lower Upper
165 100
63 62.4 45.4 68.0
89 58.8 43.4 65.0

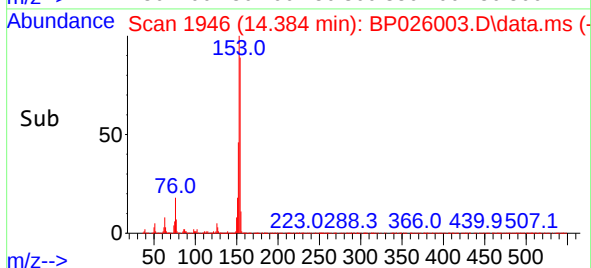
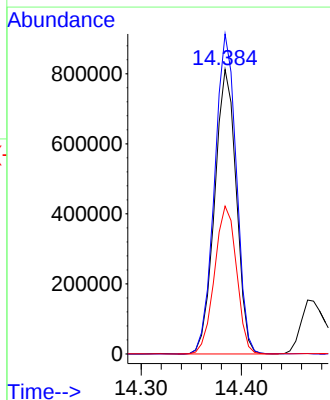
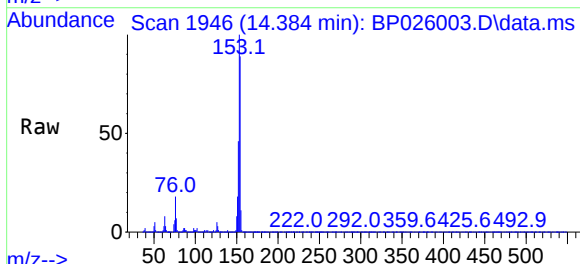
Manual Integrations
APPROVED

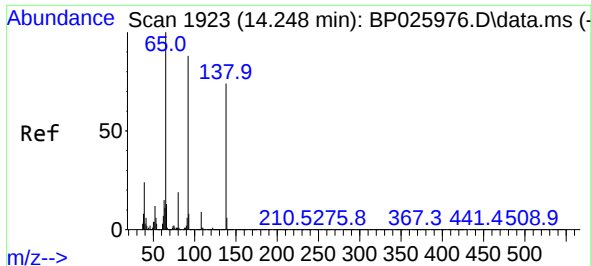
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#52
Acenaphthene
Concen: 42.878 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

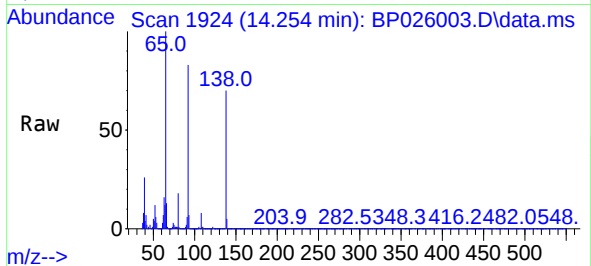
Tgt Ion:154 Resp: 1218436
Ion Ratio Lower Upper
154 100
153 112.5 90.2 135.2
152 51.9 42.2 63.2





#53
3-Nitroaniline
Concen: 30.580 ng
RT: 14.254 min Scan# 1923
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

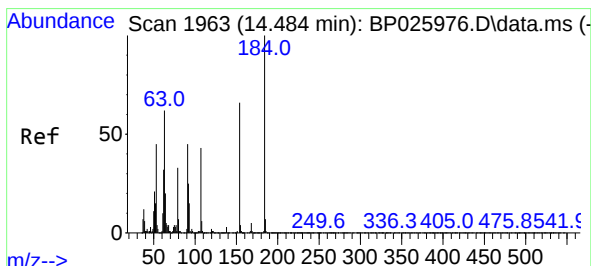
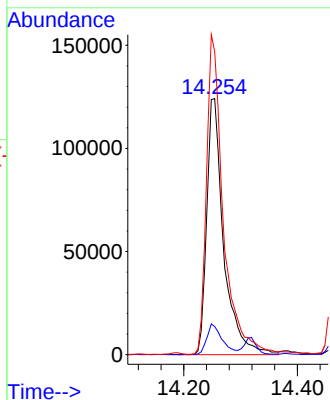
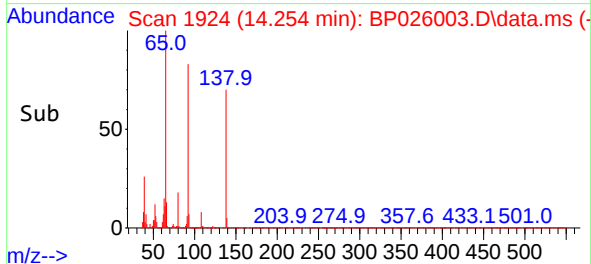
Instrument :
BNA_P
ClientSampleId :
PB170216BS



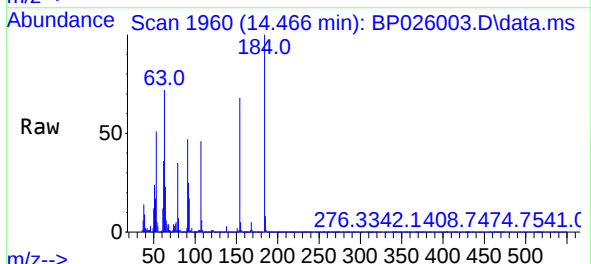
Tgt Ion:138 Resp: 256130
Ion Ratio Lower Upper
138 100
108 11.0 10.0 15.0
92 118.3 96.1 144.1

Manual Integrations
APPROVED

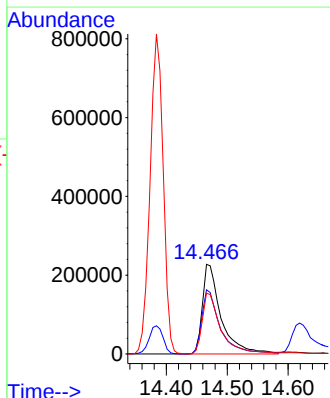
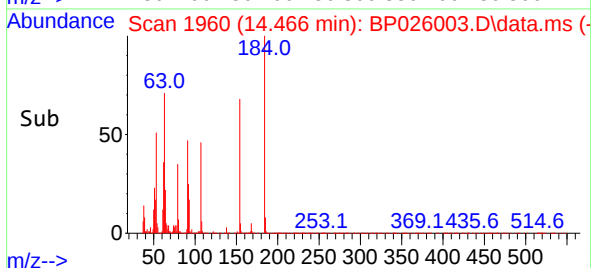
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

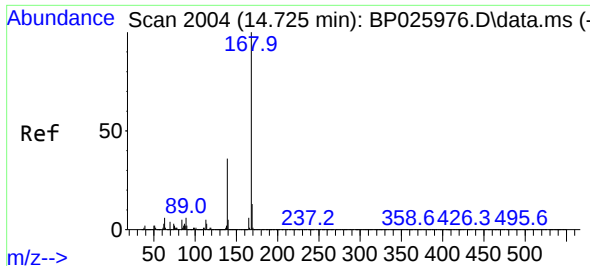


#54
2,4-Dinitrophenol
Concen: 84.391 ng
RT: 14.466 min Scan# 1960
Delta R.T. -0.018 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55



Tgt Ion:184 Resp: 484110
Ion Ratio Lower Upper
184 100
63 71.6 50.2 75.2
154 67.7 54.2 81.4





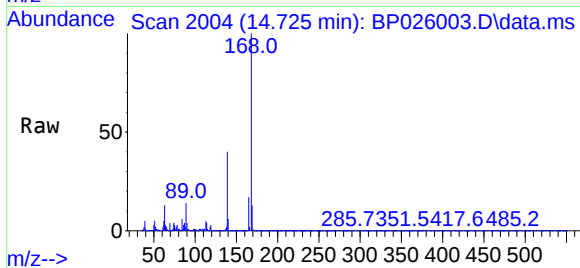
#55
Dibenzenofuran
Concen: 43.338 ng
RT: 14.725 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Instrument :

BNA_P

ClientSampleId :

PB170216BS



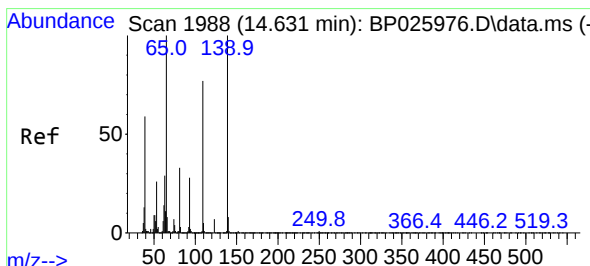
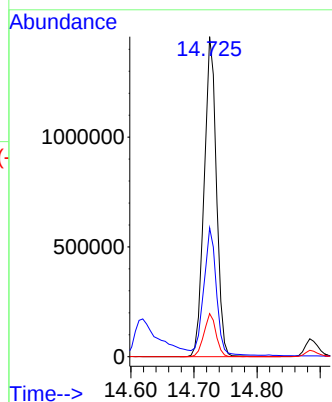
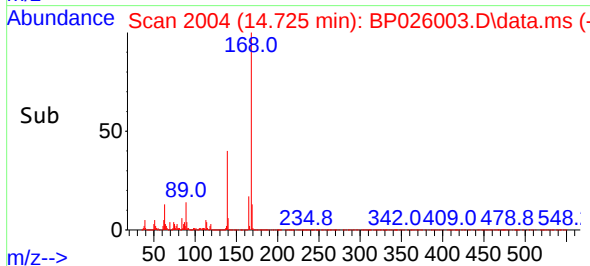
Tgt Ion:168 Resp: 197194
Ion Ratio Lower Upper
168 100
139 40.2 30.5 45.7
169 13.5 10.6 15.8

Manual Integrations

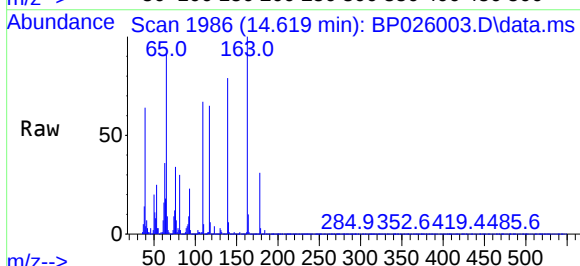
APPROVED

Reviewed By :Rahul Chavli 10/23/2025

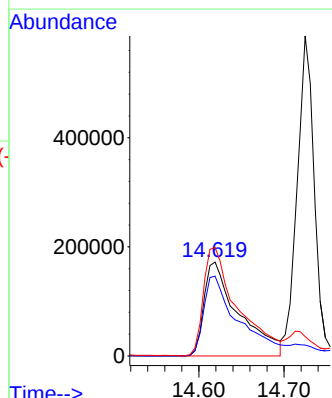
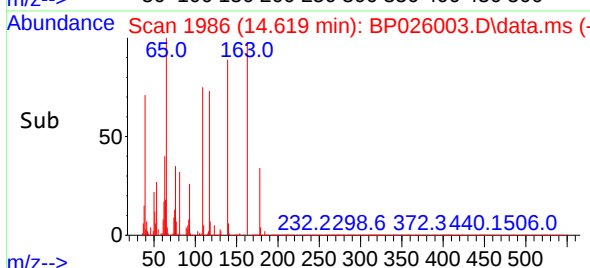
Supervised By :Jagrut Upadhyay 10/23/2025

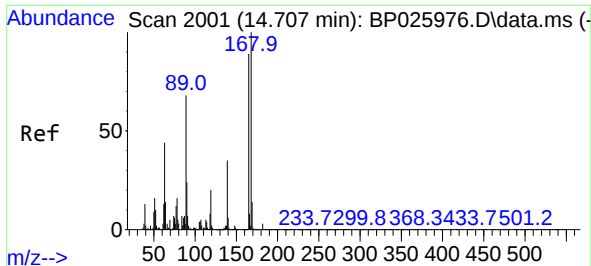


#56
4-Nitrophenol
Concen: 95.810 ng
RT: 14.619 min Scan# 1986
Delta R.T. -0.012 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55



Tgt Ion:139 Resp: 486666
Ion Ratio Lower Upper
139 100
109 85.0 57.6 97.6
65 115.7 81.4 121.4





#57
2,4-Dinitrotoluene
Concen: 47.233 ng
RT: 14.713 min Scan# 2001
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Instrument :

BNA_P

ClientSampleId :

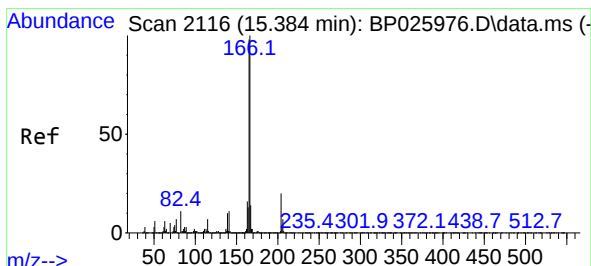
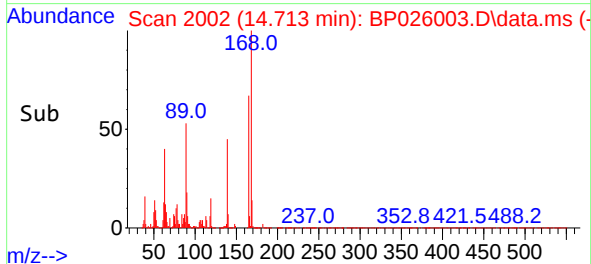
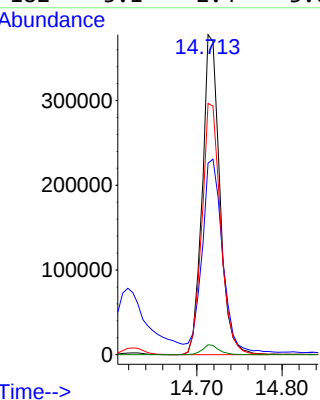
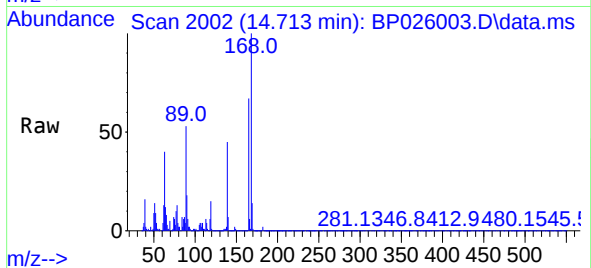
PB170216BS

Tgt Ion:165 Resp: 53820
Ion Ratio Lower Upper
165 100
63 59.8 41.8 62.6
89 78.5 61.6 92.4
182 3.1 2.4 3.6

Manual Integrations

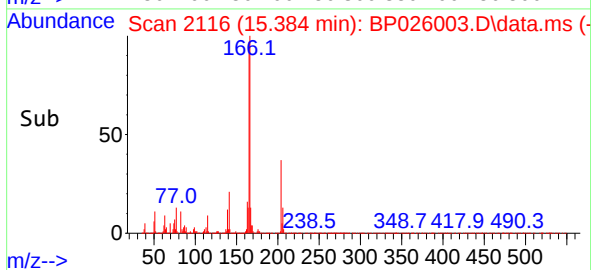
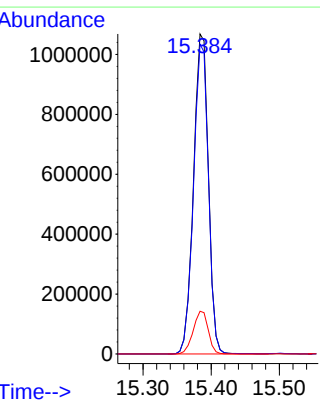
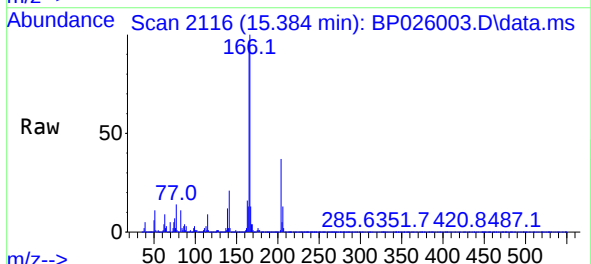
APPROVED

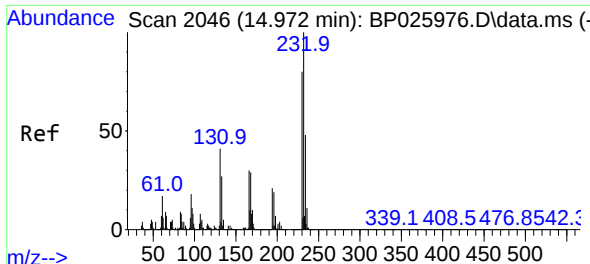
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#58
Fluorene
Concen: 44.276 ng
RT: 15.384 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

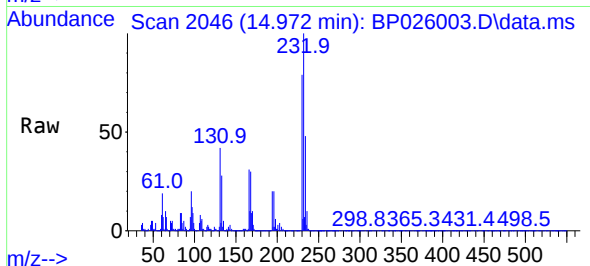
Tgt Ion:166 Resp: 1618788
Ion Ratio Lower Upper
166 100
165 96.8 78.2 117.2
167 13.4 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.776 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

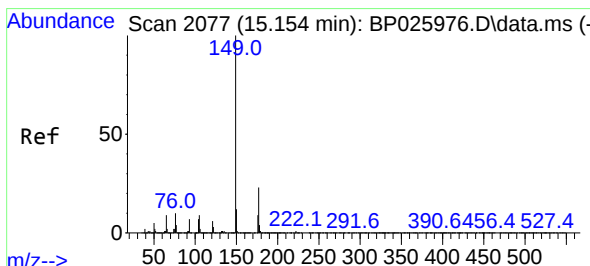
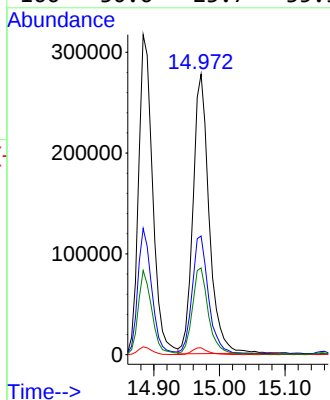
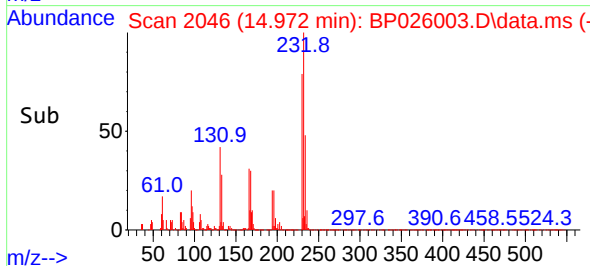
Instrument :
BNA_P
ClientSampleId :
PB170216BS



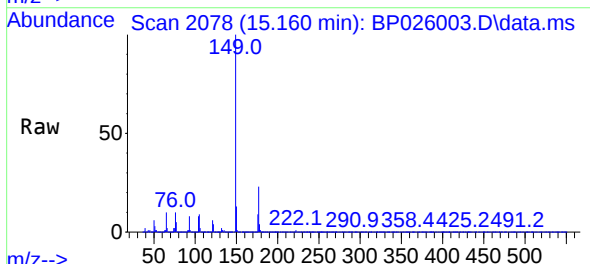
Tgt Ion:232 Resp: 476364
Ion Ratio Lower Upper
232 100
131 42.9 33.8 50.8
130 2.5 1.8 2.8
166 30.6 23.7 35.5

Manual Integrations
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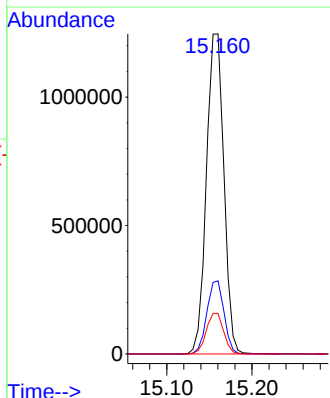
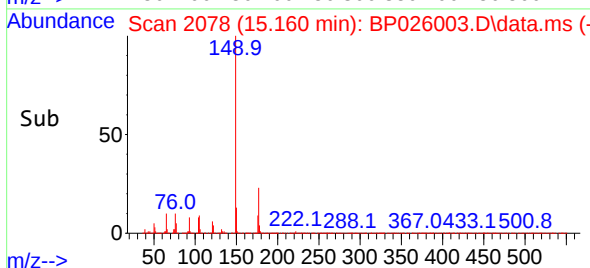
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

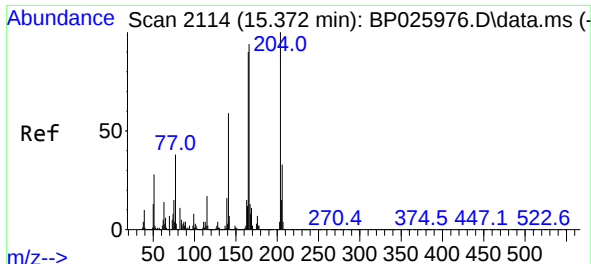


#60
Diethylphthalate
Concen: 46.181 ng
RT: 15.160 min Scan# 2078
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55



Tgt Ion:149 Resp: 1773452
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.2
150 12.7 9.8 14.6





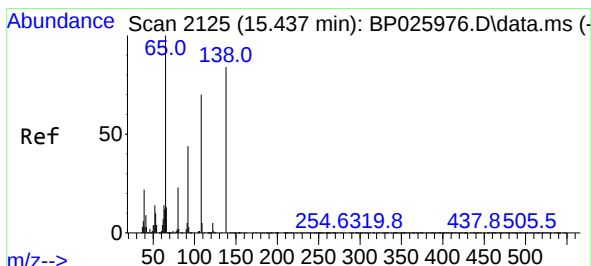
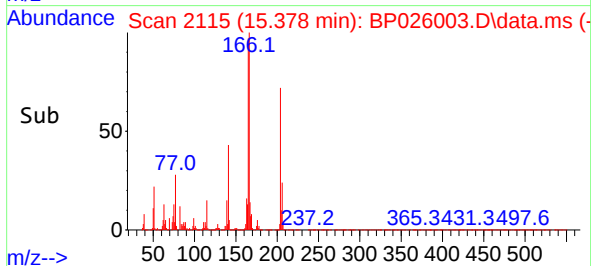
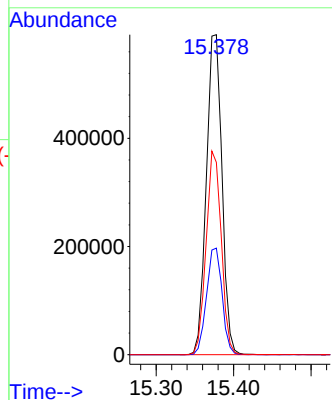
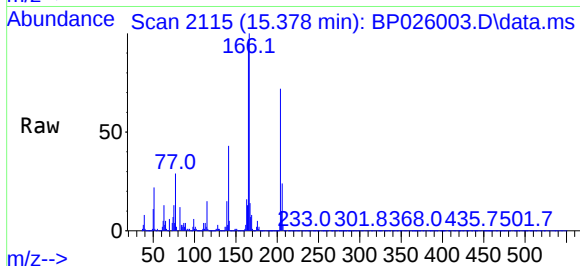
#61
4-Chlorophenyl-phenylether
Concen: 43.075 ng
RT: 15.378 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Instrument :
BNA_P
ClientSampleId :
PB170216BS

Tgt Ion:204 Resp: 828159
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 60.1 47.2 70.8

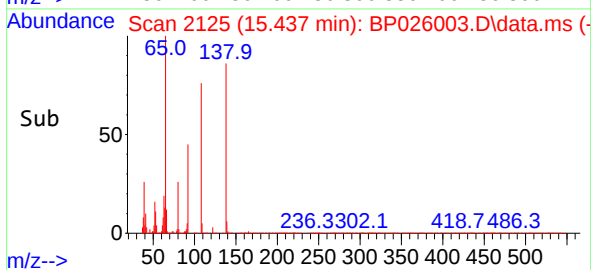
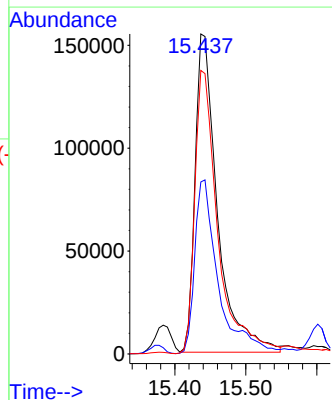
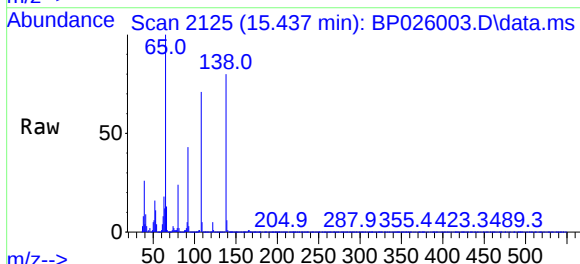
Manual Integrations
APPROVED

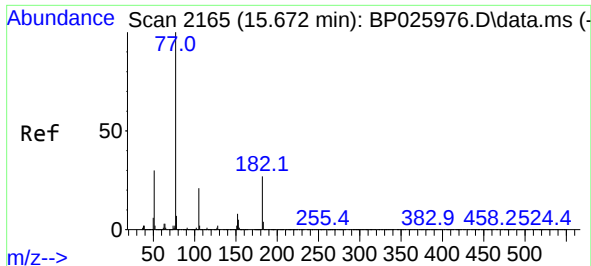
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#62
4-Nitroaniline
Concen: 43.893 ng
RT: 15.437 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

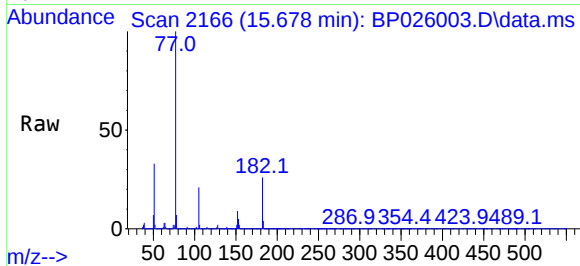
Tgt Ion:138 Resp: 340659
Ion Ratio Lower Upper
138 100
92 53.8 32.5 72.5
108 88.6 62.7 102.7





#63
Azobenzene
Concen: 47.851 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

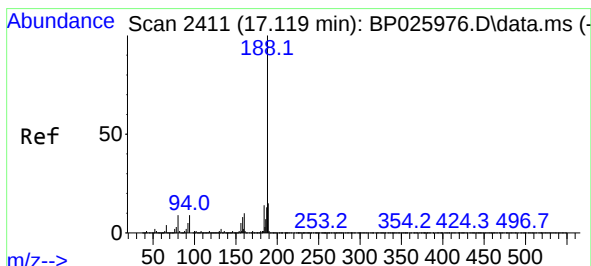
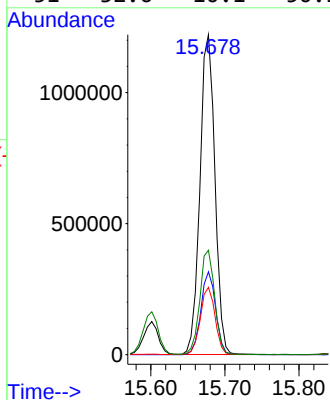
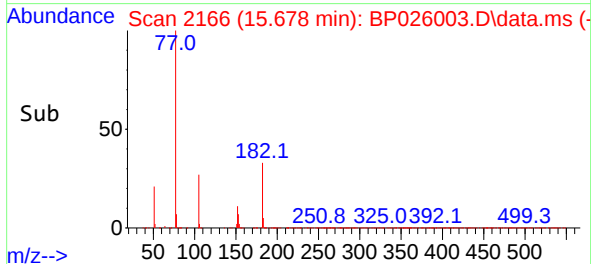
Instrument :
BNA_P
ClientSampleId :
PB170216BS



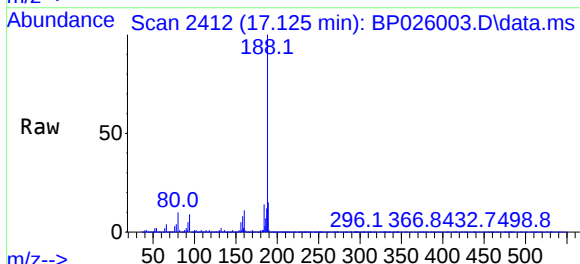
Tgt Ion: 77 Resp: 1712792
Ion Ratio Lower Upper
77 100
182 25.9 6.6 46.6
105 21.1 1.3 41.3
51 32.6 10.1 50.1

Manual Integrations
APPROVED

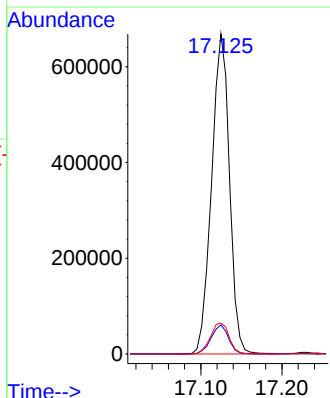
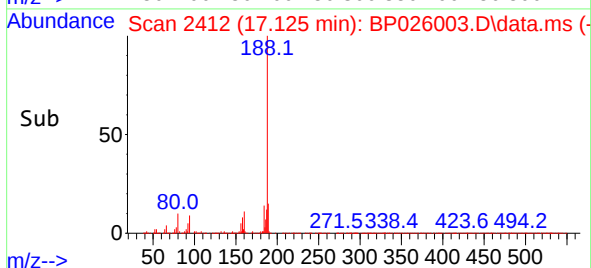
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

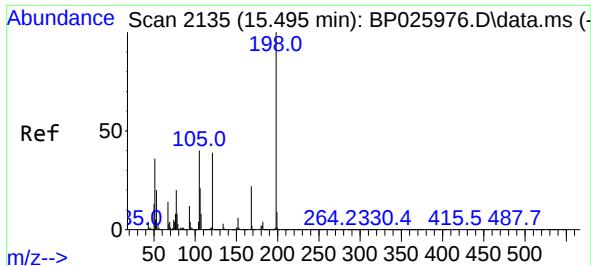


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55



Tgt Ion:188 Resp: 1020674
Ion Ratio Lower Upper
188 100
94 9.1 6.8 10.2
80 9.6 7.2 10.8





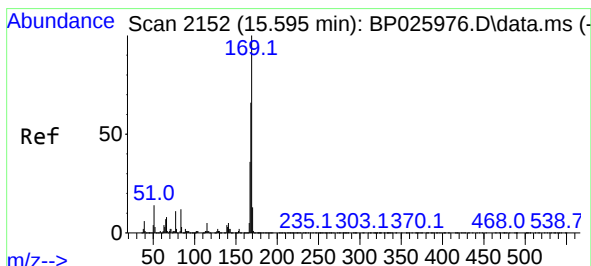
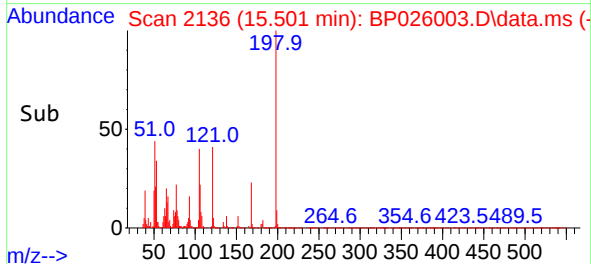
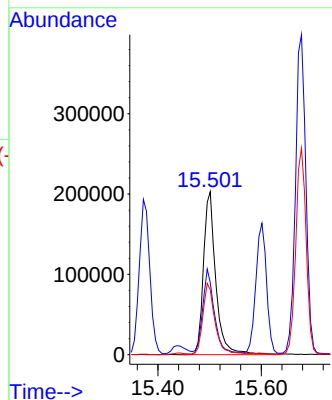
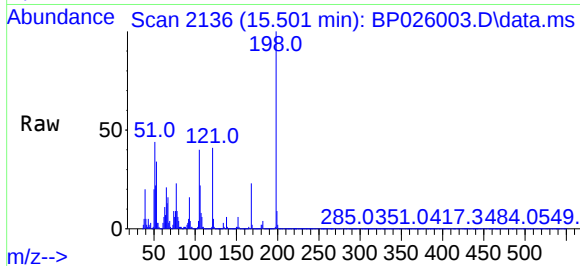
#65
4,6-Dinitro-2-methylphenol
Concen: 45.639 ng
RT: 15.501 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Instrument :
BNA_P
ClientSampleId :
PB170216BS

Tgt Ion:198 Resp: 336679
Ion Ratio Lower Upper
198 100
51 44.1 22.1 62.1
105 39.8 20.8 60.8

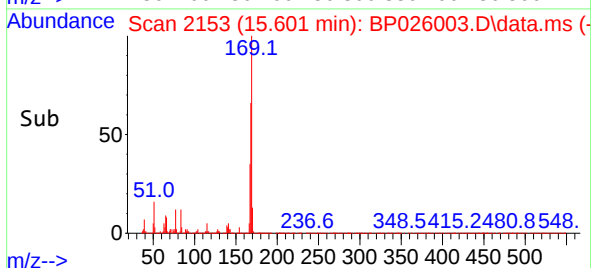
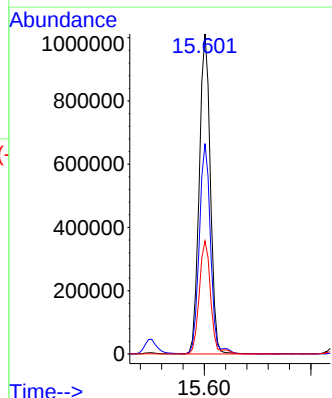
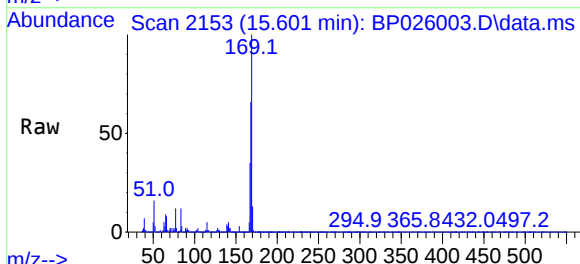
Manual Integrations
APPROVED

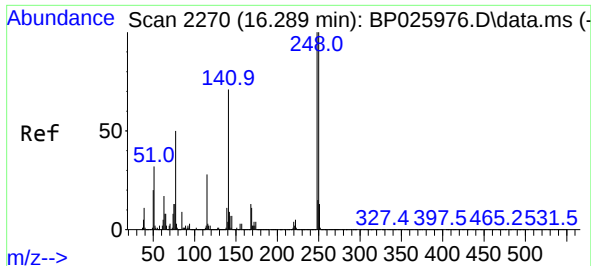
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#66
n-Nitrosodiphenylamine
Concen: 44.443 ng
RT: 15.601 min Scan# 2153
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Tgt Ion:169 Resp: 1459447
Ion Ratio Lower Upper
169 100
168 65.7 53.2 79.8
167 35.3 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 42.711 ng
RT: 16.289 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Instrument :

BNA_P

ClientSampleId :

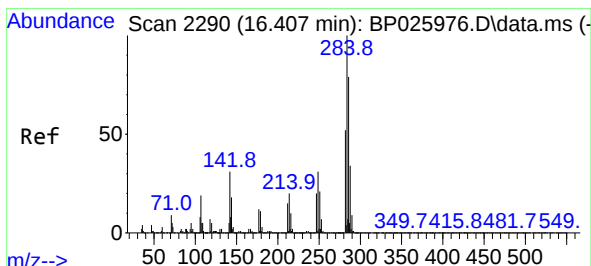
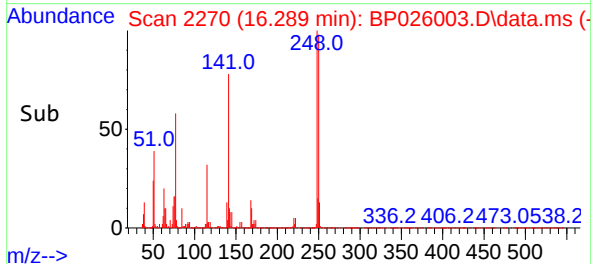
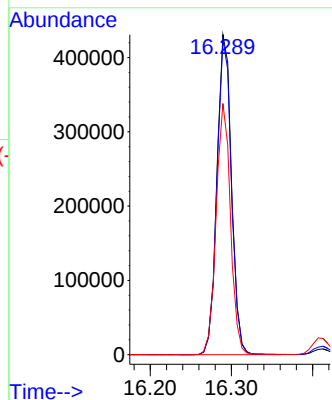
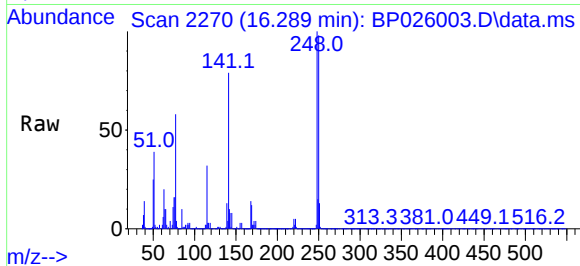
PB170216BS

Tgt Ion:248 Resp: 538078
Ion Ratio Lower Upper
248 100
250 98.5 79.8 119.6
141 78.5 57.0 85.4

Manual Integrations

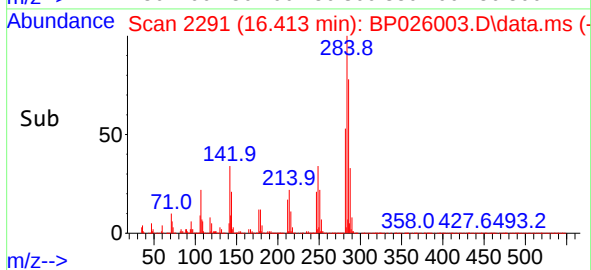
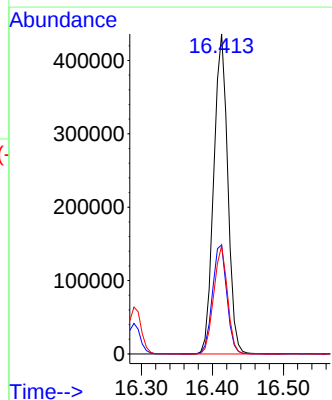
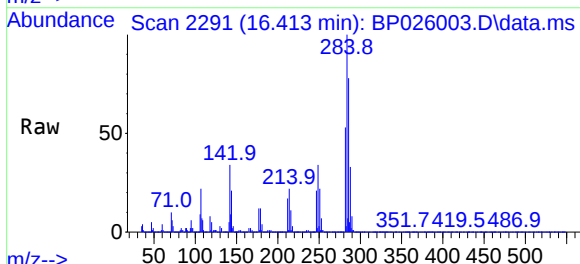
APPROVED

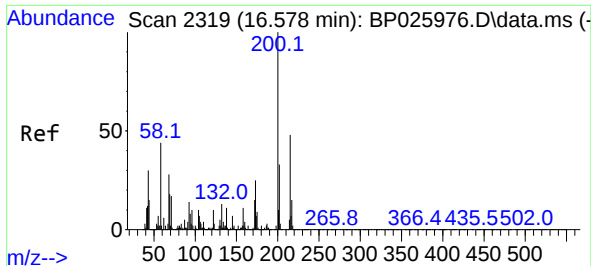
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#68
Hexachlorobenzene
Concen: 42.174 ng
RT: 16.413 min Scan# 2291
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Tgt Ion:284 Resp: 596047
Ion Ratio Lower Upper
284 100
142 34.1 24.9 37.3
249 33.8 25.1 37.7





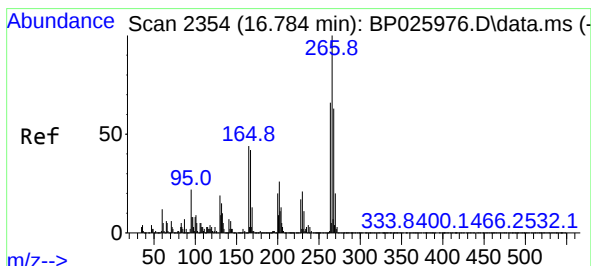
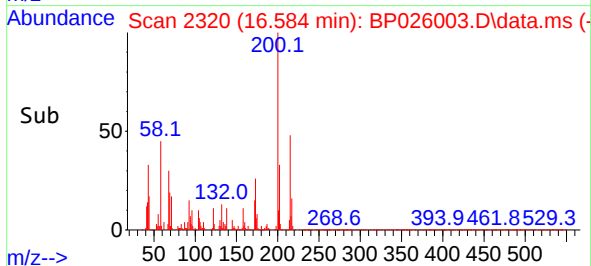
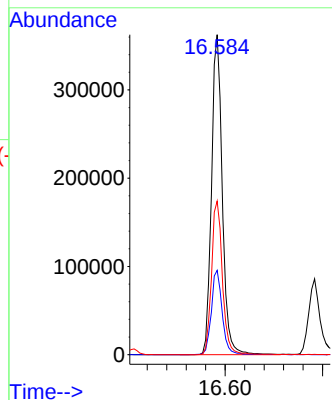
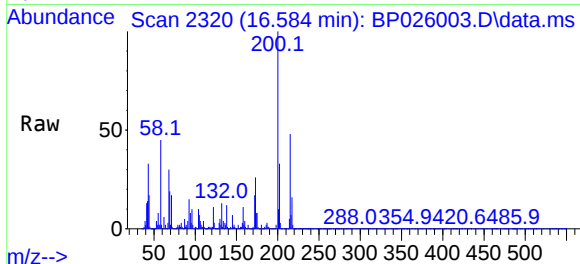
#69
Atrazine
Concen: 46.727 ng
RT: 16.584 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Instrument :
BNA_P
ClientSampleId :
PB170216BS

Tgt Ion:200 Resp: 55356
Ion Ratio Lower Upper
200 100
173 26.4 5.3 45.3
215 48.0 28.2 68.2

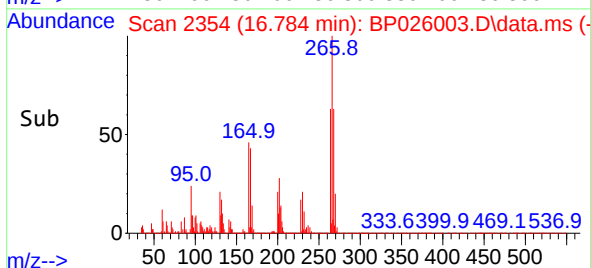
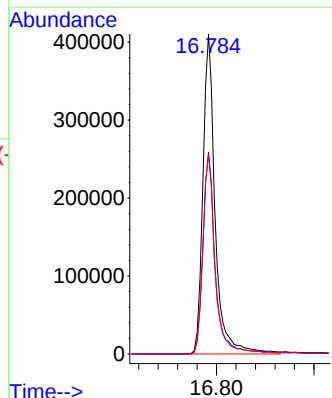
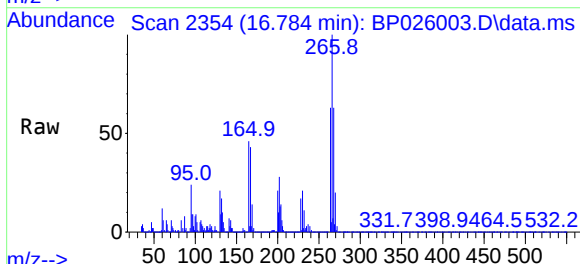
Manual Integrations
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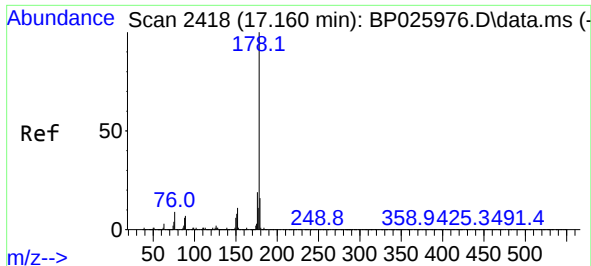
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#70
Pentachlorophenol
Concen: 94.073 ng
RT: 16.784 min Scan# 2354
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Tgt Ion:266 Resp: 717764
Ion Ratio Lower Upper
266 100
268 63.1 50.5 75.7
264 62.5 52.9 79.3





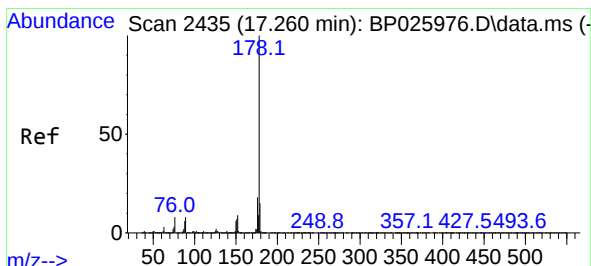
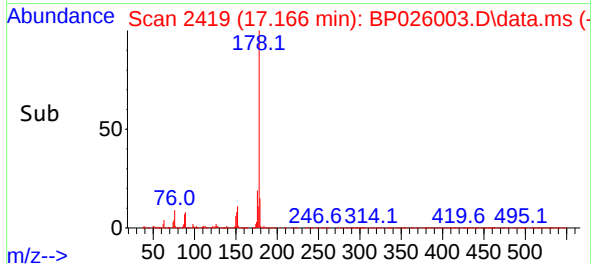
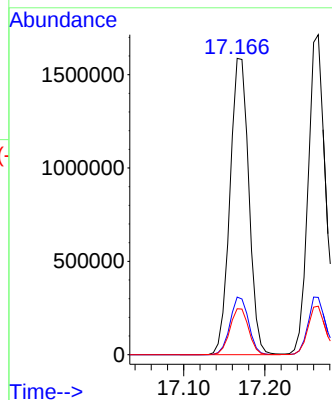
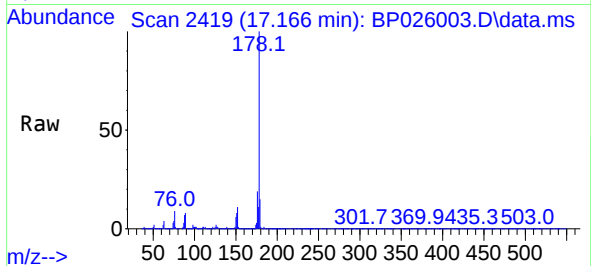
#71
Phenanthrene
Concen: 44.183 ng
RT: 17.166 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Instrument :
BNA_P
ClientSampleId :
PB170216BS

Tgt Ion:178 Resp: 2555948
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 15.5 12.7 19.1

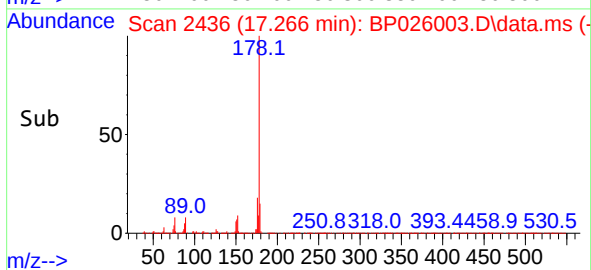
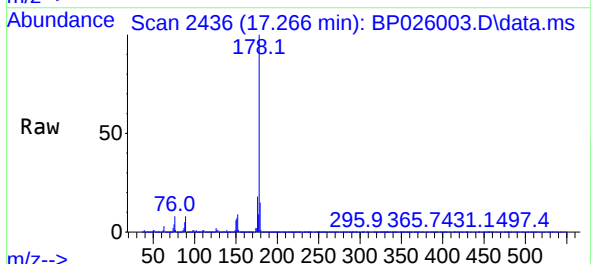
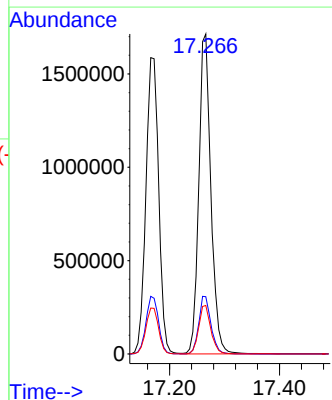
Manual Integrations
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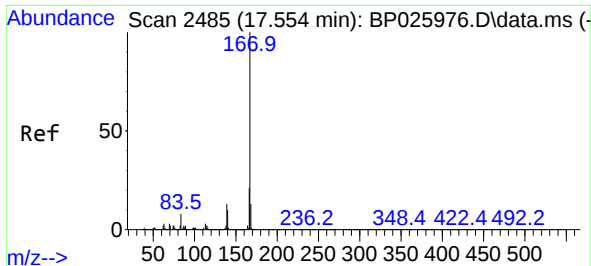
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#72
Anthracene
Concen: 44.314 ng
RT: 17.266 min Scan# 2436
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

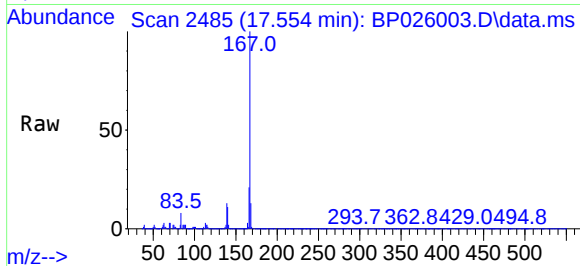
Tgt Ion:178 Resp: 2618566
Ion Ratio Lower Upper
178 100
176 17.9 14.8 22.2
179 15.2 12.3 18.5





#73
 Carbazole
 Concen: 45.055 ng
 RT: 17.554 min Scan# 2485
 Delta R.T. 0.000 min
 Lab File: BP026003.D
 Acq: 22 Oct 2025 17:55

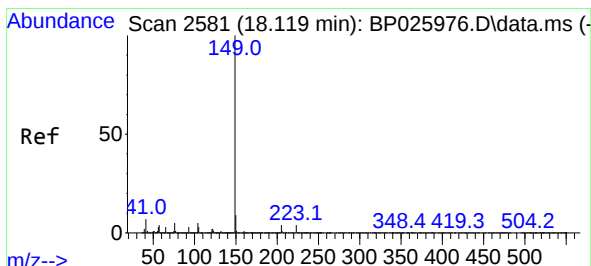
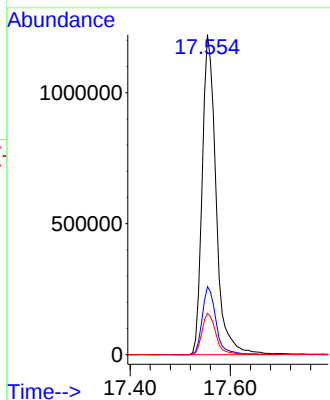
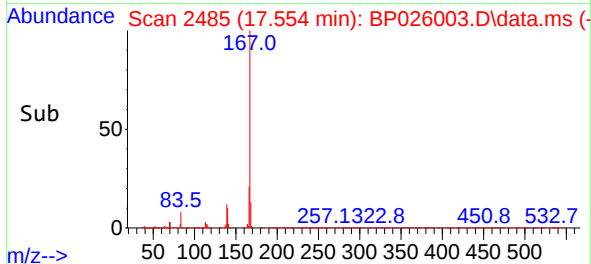
Instrument :
 BNA_P
 ClientSampleId :
 PB170216BS



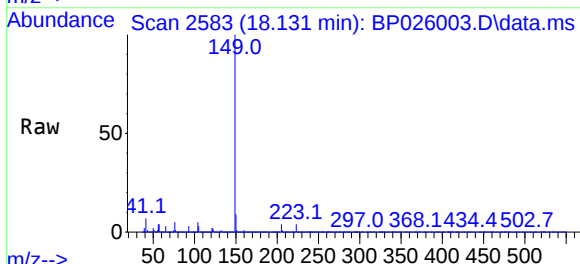
Tgt Ion:167 Resp: 2346934
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.7 25.1
 139 12.9 10.2 15.2

Manual Integrations
 APPROVED

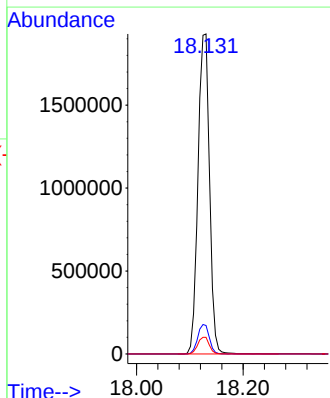
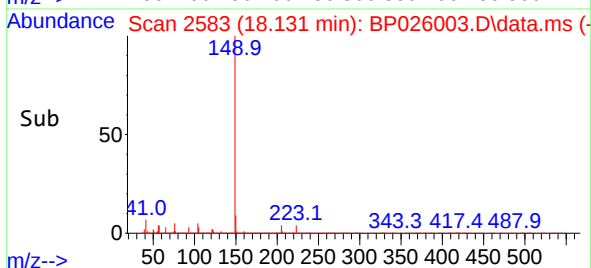
Reviewed By :Rahul Chavli 10/23/2025
 Supervised By :Jagrut Upadhyay 10/23/2025

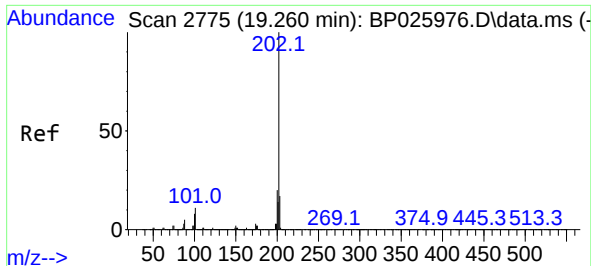


#74
 Di-n-butylphthalate
 Concen: 45.101 ng
 RT: 18.131 min Scan# 2583
 Delta R.T. 0.012 min
 Lab File: BP026003.D
 Acq: 22 Oct 2025 17:55



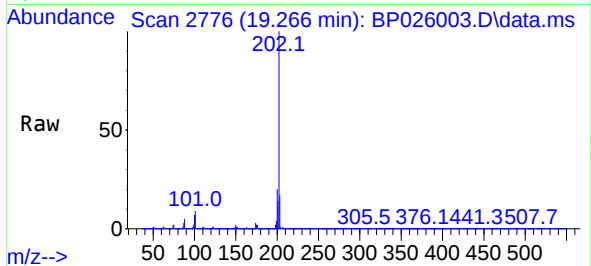
Tgt Ion:149 Resp: 2891241
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 5.2 4.1 6.1





#75
Fluoranthene
Concen: 43.641 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

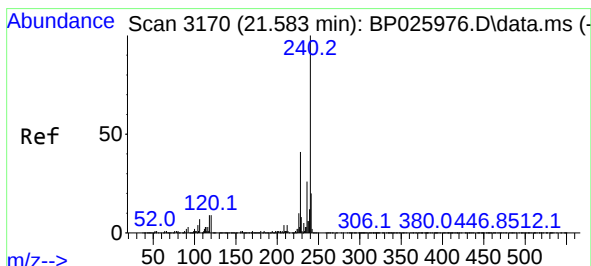
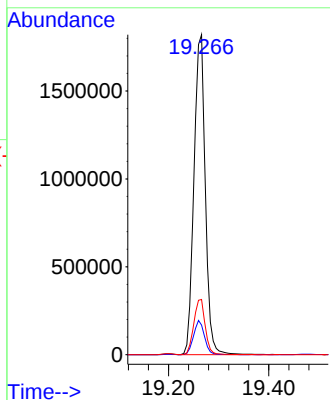
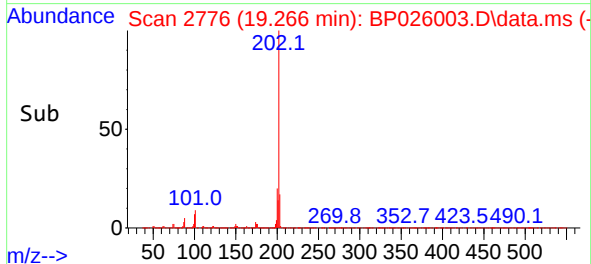
Instrument :
BNA_P
ClientSampleId :
PB170216BS



Tgt Ion:202 Resp: 2847692
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.5
203 17.3 0.0 37.1

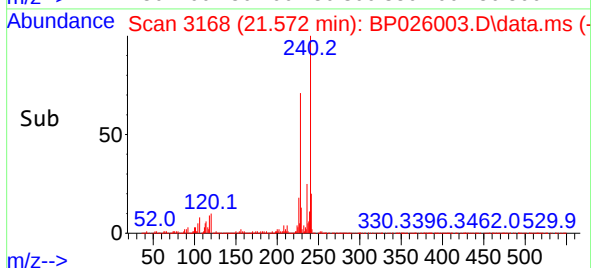
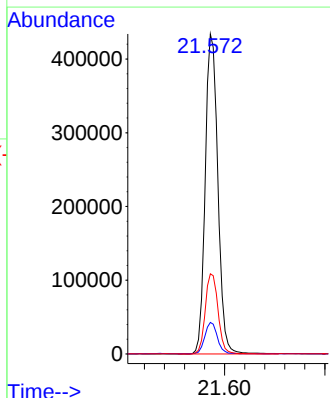
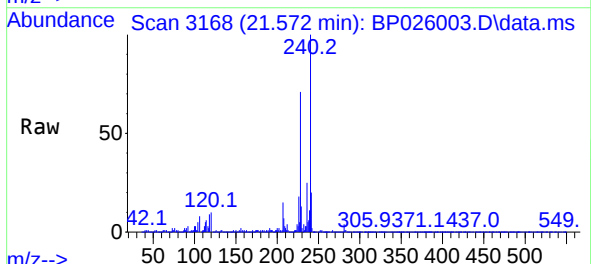
Manual Integrations
APPROVED

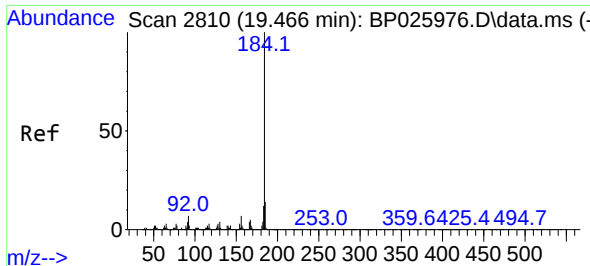
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3168
Delta R.T. -0.012 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Tgt Ion:240 Resp: 759603
Ion Ratio Lower Upper
240 100
120 9.9 7.4 11.0
236 25.1 20.4 30.6





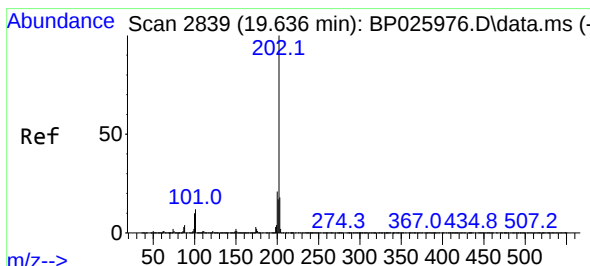
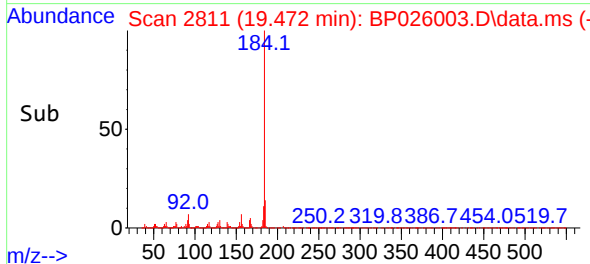
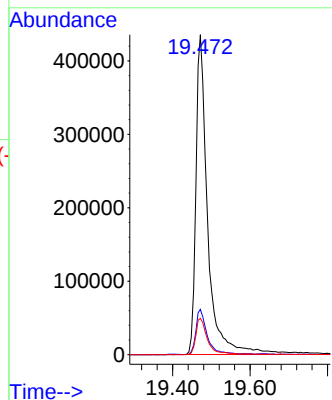
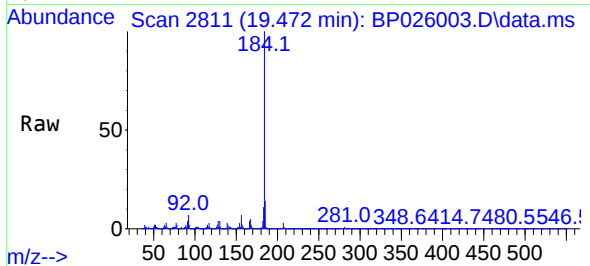
#77
Benzidine
Concen: 37.701 ng
RT: 19.472 min Scan# 2811
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Instrument :
BNA_P
ClientSampleId :
PB170216BS

Tgt Ion:184 Resp: 917609
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 11.3 9.4 14.2

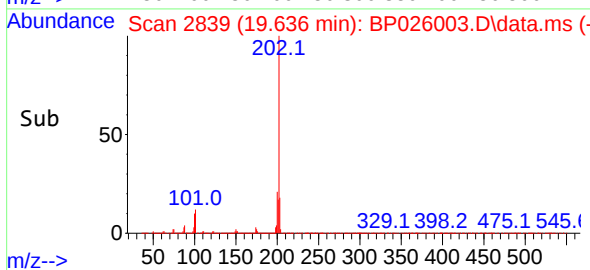
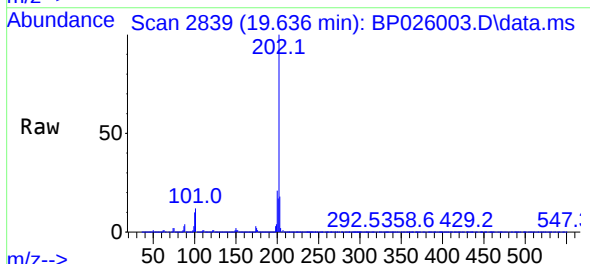
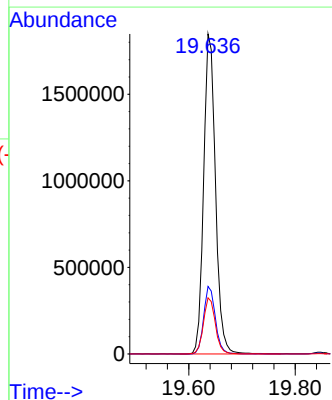
Manual Integrations
APPROVED

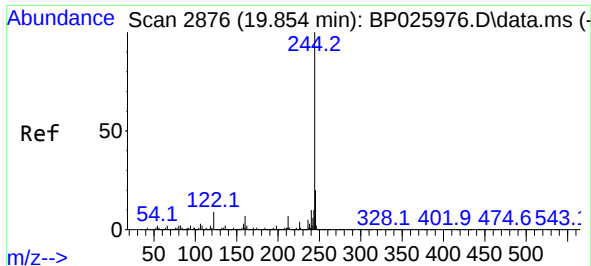
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#78
Pyrene
Concen: 50.704 ng
RT: 19.636 min Scan# 2839
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Tgt Ion:202 Resp: 2840688
Ion Ratio Lower Upper
202 100
200 21.1 16.6 25.0
203 17.6 14.1 21.1





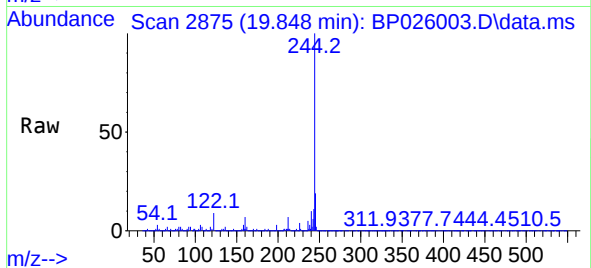
#79
 Terphenyl-d14
 Concen: 83.357 ng
 RT: 19.848 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP026003.D
 Acq: 22 Oct 2025 17:55

Instrument :

BNA_P

ClientSampleId :

PB170216BS



Tgt Ion:244 Resp: 396188

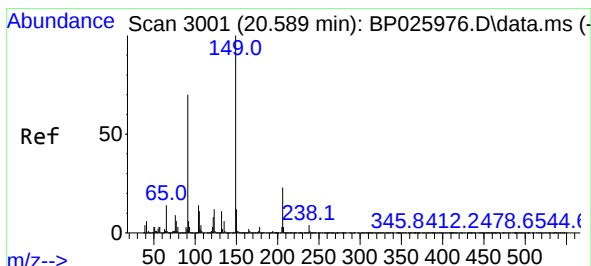
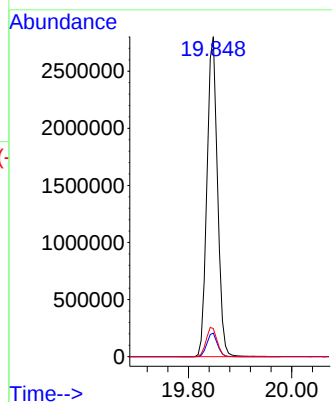
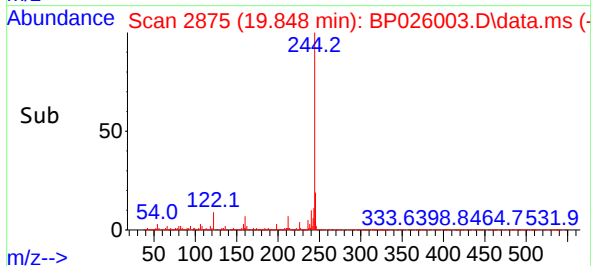
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	8.8	7.1	10.7

Manual Integrations

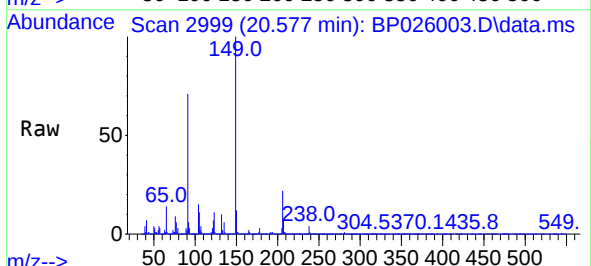
APPROVED

Reviewed By :Rahul Chavli 10/23/2025

Supervised By :Jagrut Upadhyay 10/23/2025

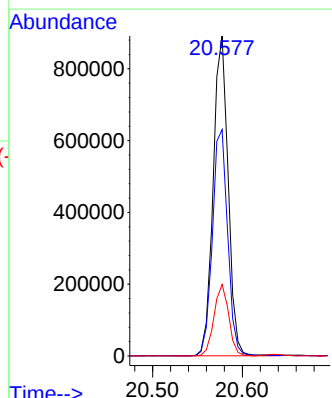
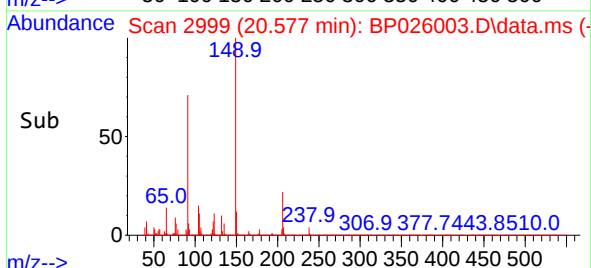


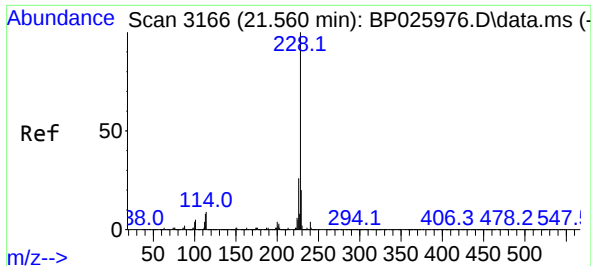
#80
 Butylbenzylphthalate
 Concen: 46.240 ng
 RT: 20.577 min Scan# 2999
 Delta R.T. -0.012 min
 Lab File: BP026003.D
 Acq: 22 Oct 2025 17:55



Tgt Ion:149 Resp: 1030909

Ion	Ratio	Lower	Upper
149	100		
91	70.8	56.0	84.0
206	22.4	18.6	27.8





#81
Benzo(a)anthracene
Concen: 45.142 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Instrument :

BNA_P

ClientSampleId :

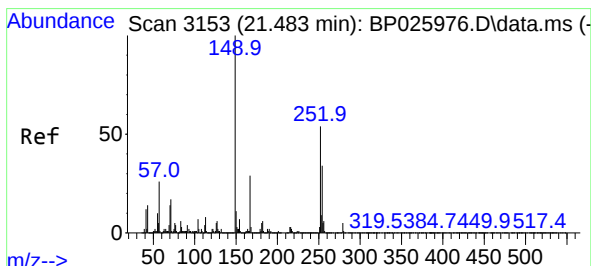
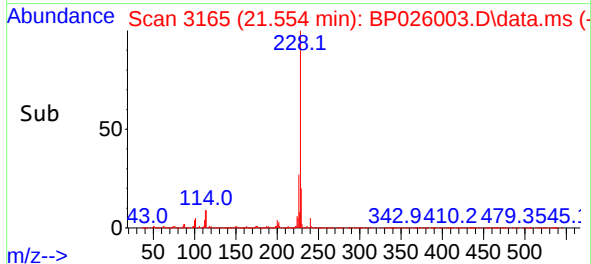
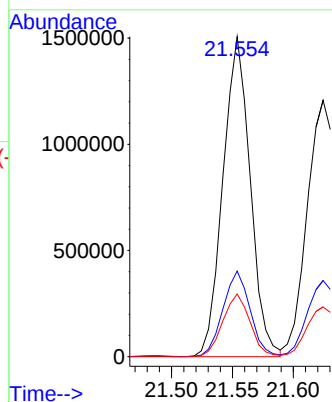
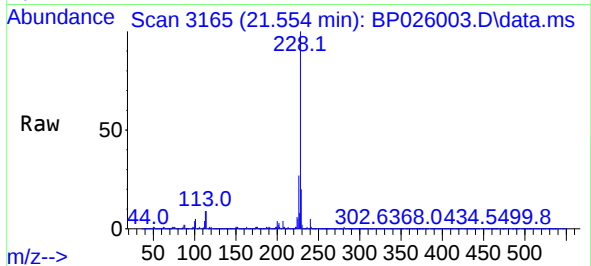
PB170216BS

Tgt Ion:228 Resp: 2345269
Ion Ratio Lower Upper
228 100
226 26.7 21.0 31.6
229 19.6 15.7 23.5

Manual Integrations

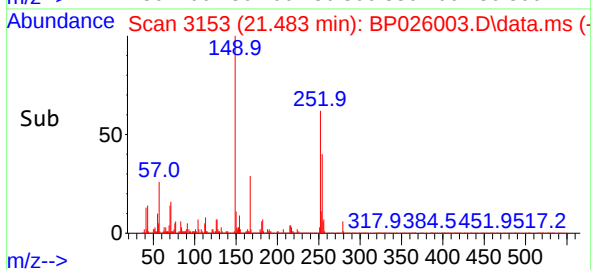
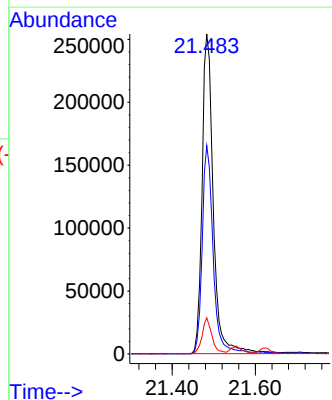
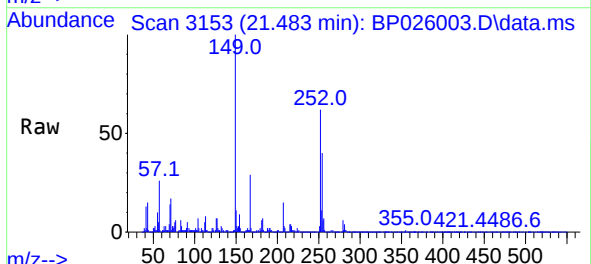
APPROVED

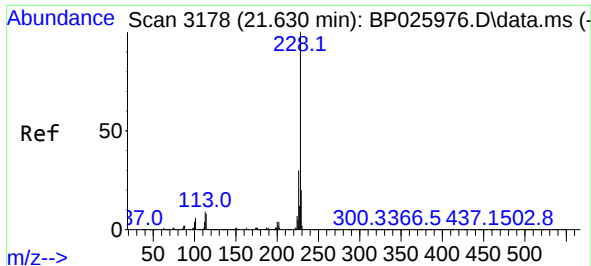
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#82
3,3'-Dichlorobenzidine
Concen: 25.740 ng
RT: 21.483 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

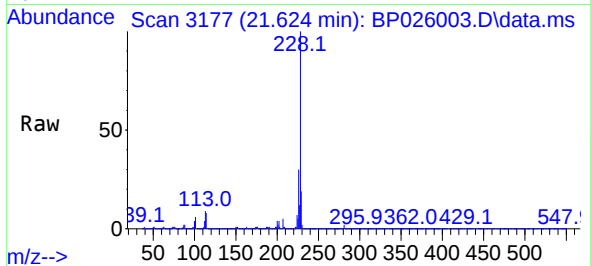
Tgt Ion:252 Resp: 475891
Ion Ratio Lower Upper
252 100
254 65.1 50.6 75.8
126 11.3 8.0 12.0





#83
Chrysene
Concen: 44.388 ng
RT: 21.624 min Scan# 3178
Delta R.T. -0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

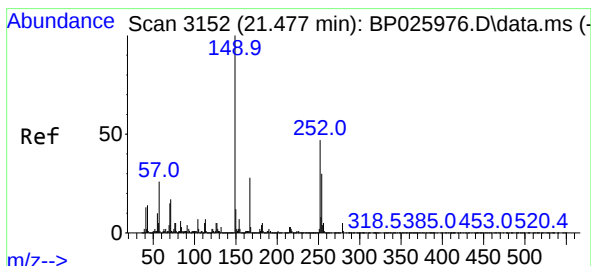
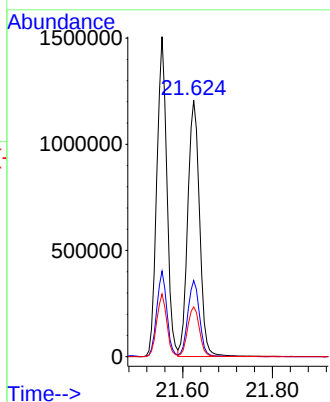
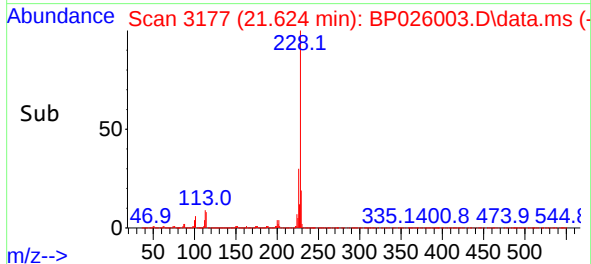
Instrument :
BNA_P
ClientSampleId :
PB170216BS



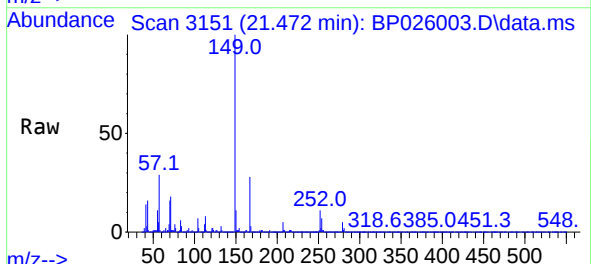
Tgt Ion:228 Resp: 2204954
Ion Ratio Lower Upper
228 100
226 29.7 23.5 35.3
229 19.4 15.6 23.4

Manual Integrations
APPROVED

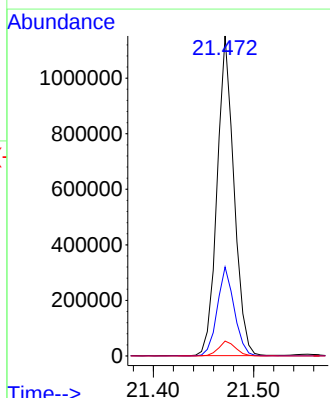
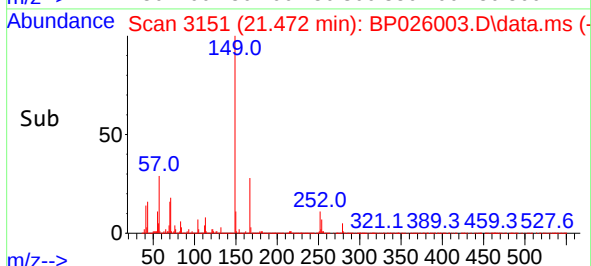
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

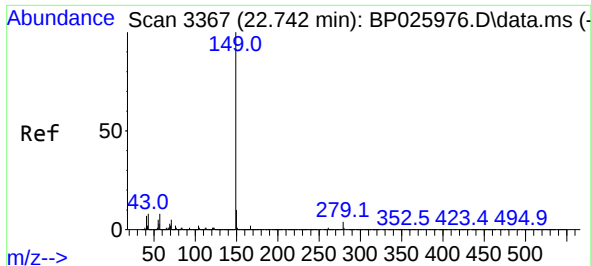


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.521 ng
RT: 21.472 min Scan# 3151
Delta R.T. -0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55



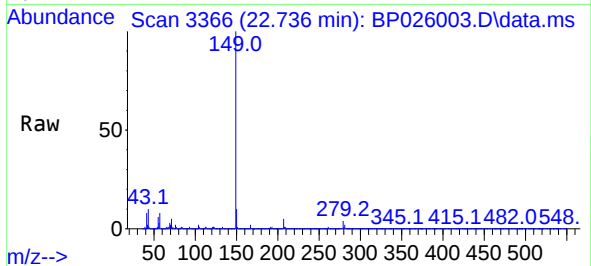
Tgt Ion:149 Resp: 1339534
Ion Ratio Lower Upper
149 100
167 27.8 22.8 34.2
279 4.6 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 42.148 ng
RT: 22.736 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

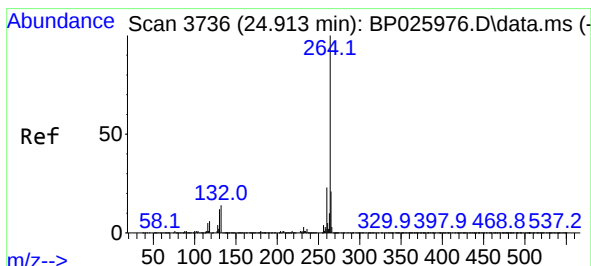
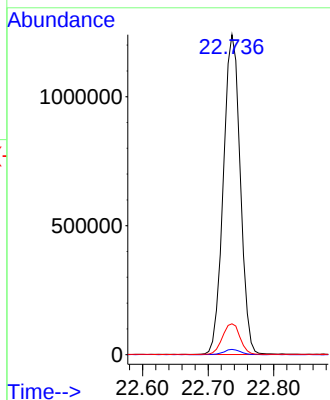
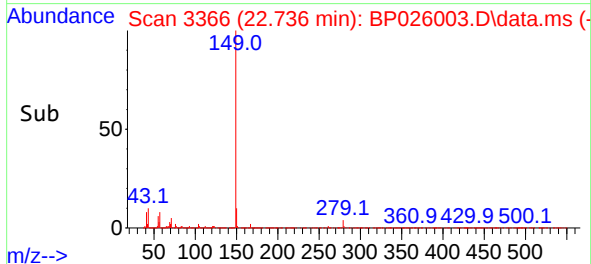
Instrument :
BNA_P
ClientSampleId :
PB170216BS



Tgt Ion:149 Resp: 221505
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 7.2 10.8

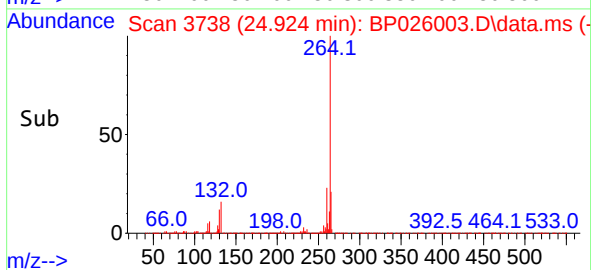
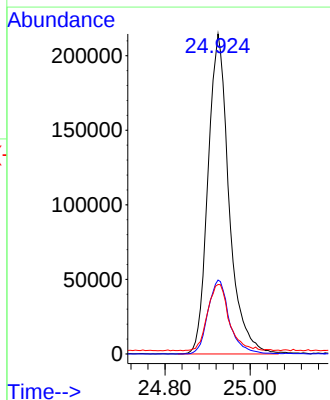
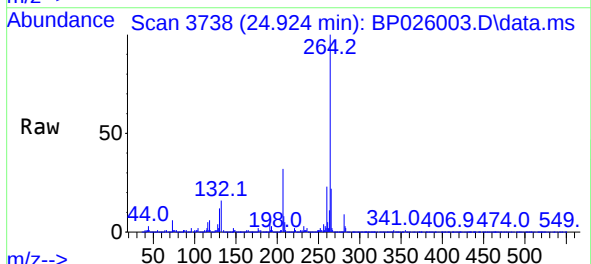
Manual Integrations
APPROVED

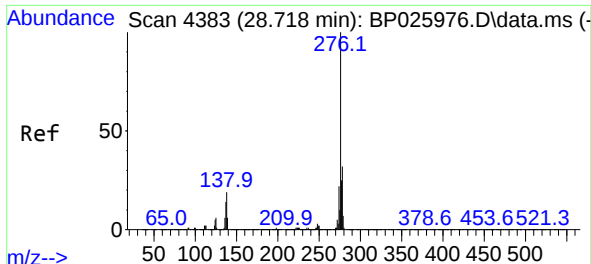
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.924 min Scan# 3738
Delta R.T. 0.012 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

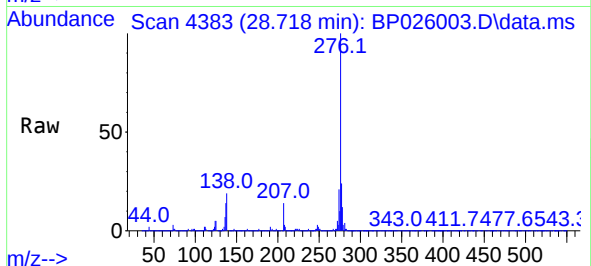
Tgt Ion:264 Resp: 736047
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 21.7 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.163 ng
RT: 28.718 min Scan# 4383
Delta R.T. 0.000 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

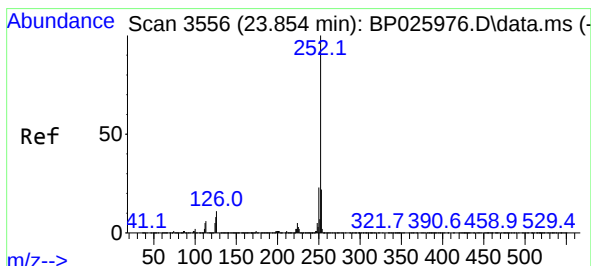
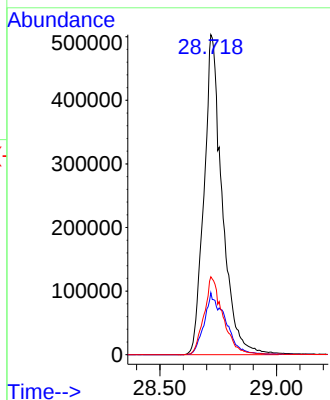
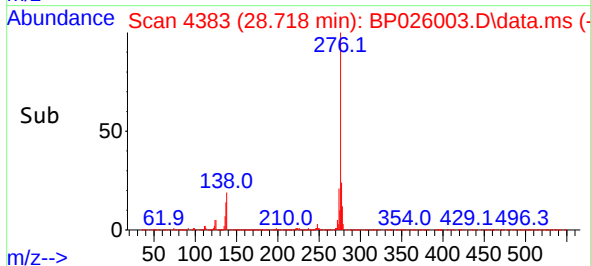
Instrument :
BNA_P
ClientSampleId :
PB170216BS



Tgt Ion:276 Resp: 272583
Ion Ratio Lower Upper
276 100
138 22.5 17.4 26.0
277 25.2 20.3 30.5

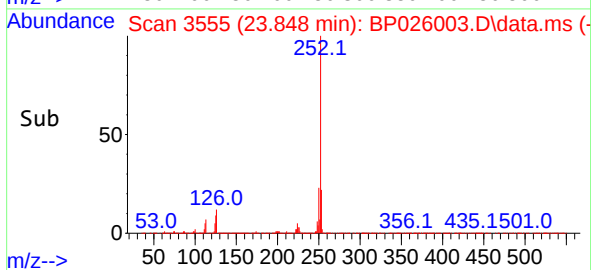
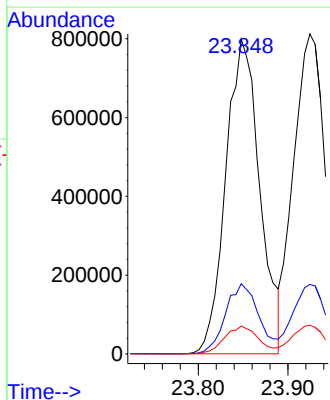
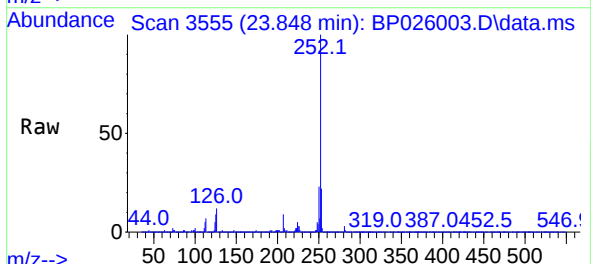
Manual Integrations
APPROVED

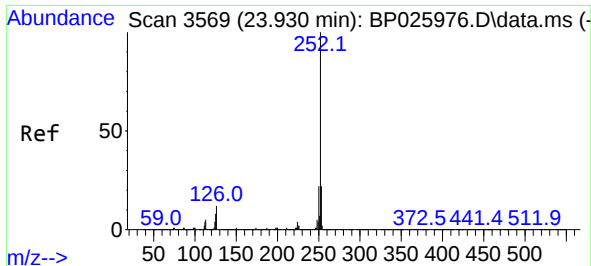
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#88
Benzo(b)fluoranthene
Concen: 45.914 ng
RT: 23.848 min Scan# 3555
Delta R.T. -0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Tgt Ion:252 Resp: 2104717
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 8.8 6.8 10.2





#89
Benzo(k)fluoranthene
Concen: 46.462 ng
RT: 23.924 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Instrument :

BNA_P

ClientSampleId :

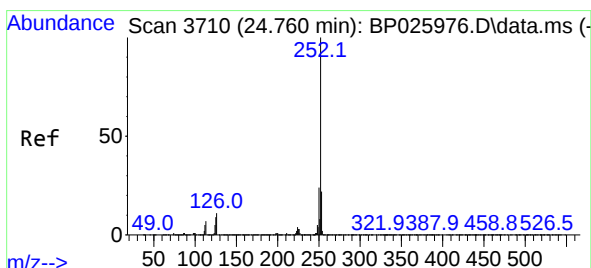
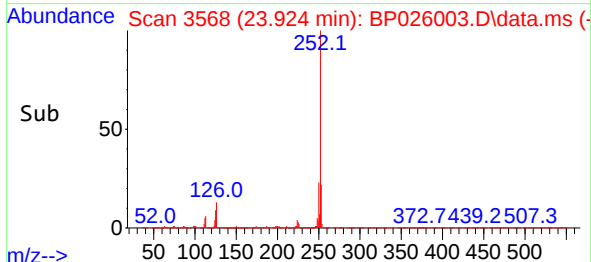
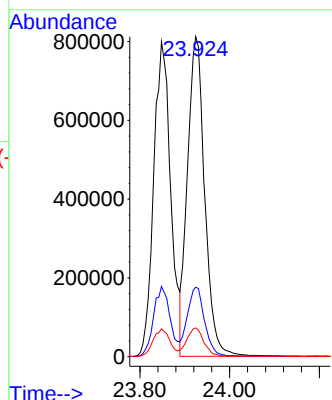
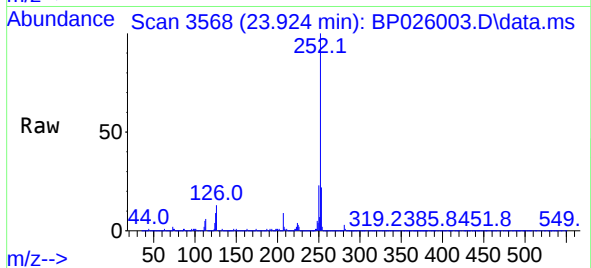
PB170216BS

Tgt Ion:252 Resp: 216152
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.0 6.6 10.0

Manual Integrations

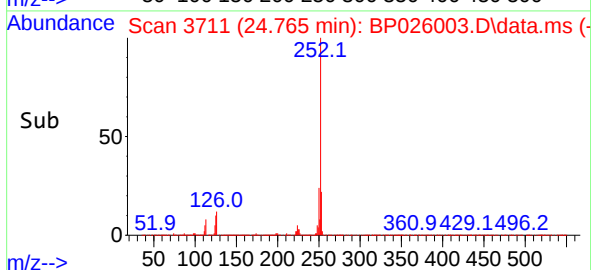
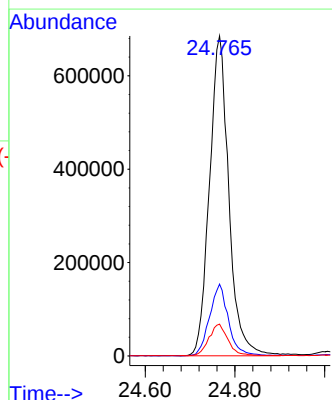
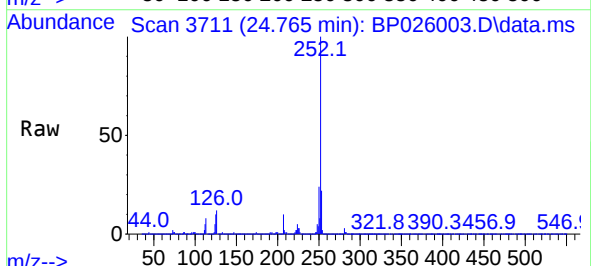
APPROVED

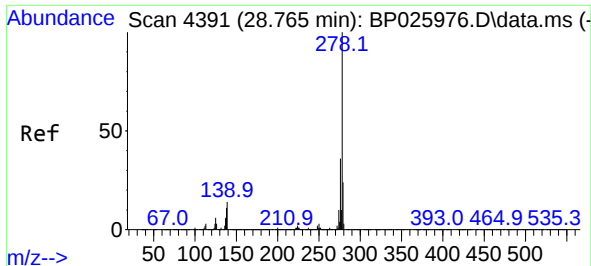
Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#90
Benzo(a)pyrene
Concen: 46.025 ng
RT: 24.765 min Scan# 3711
Delta R.T. 0.006 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

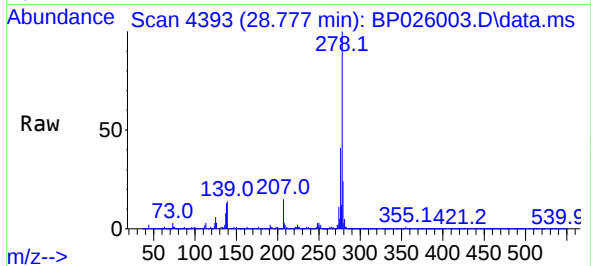
Tgt Ion:252 Resp: 2049961
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 10.0 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 49.251 ng
RT: 28.777 min Scan# 4391
Delta R.T. 0.012 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

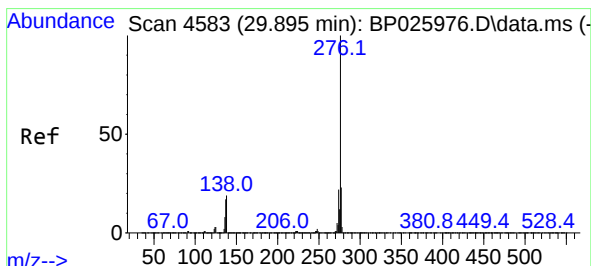
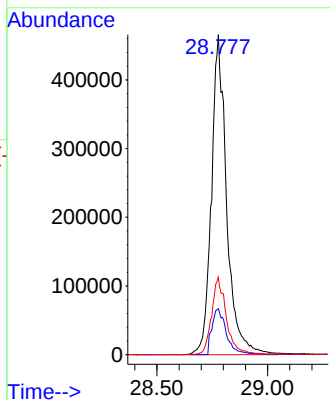
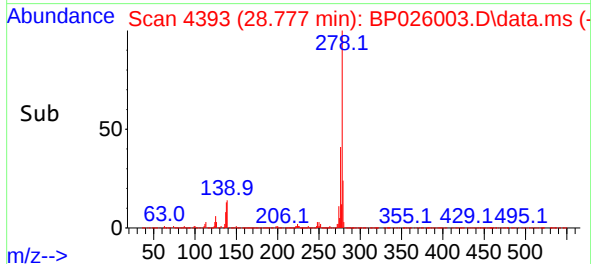
Instrument :
BNA_P
ClientSampleId :
PB170216BS



Tgt Ion:278 Resp: 2226060
Ion Ratio Lower Upper
278 100
139 14.4 10.9 16.3
279 24.2 19.5 29.3

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025



#92
Benzo(g,h,i)perylene
Concen: 49.824 ng
RT: 29.912 min Scan# 4586
Delta R.T. 0.018 min
Lab File: BP026003.D
Acq: 22 Oct 2025 17:55

Tgt Ion:276 Resp: 2206446
Ion Ratio Lower Upper
276 100
277 23.5 18.6 28.0
138 18.7 15.5 23.3

