

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
 Data File : BP026199.D
 Acq On : 01 Dec 2025 15:31
 Operator : RC/JU
 Sample : PB170743BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170743BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

Quant Time: Dec 01 15:51:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	273271	20.000	ng	-0.01
21) Naphthalene-d8	10.419	136	1112139	20.000	ng	-0.03
39) Acenaphthene-d10	14.295	164	734282	20.000	ng	-0.03
64) Phenanthrene-d10	17.095	188	1505615	20.000	ng	-0.04
76) Chrysene-d12	21.536	240	1495582	20.000	ng	-0.04
86) Perylene-d12	24.830	264	1568504	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	2116333	124.305	ng	0.00
7) Phenol-d6	6.843	99	2658677	122.664	ng	-0.01
23) Nitrobenzene-d5	8.796	82	1554958	79.419	ng	-0.02
42) 2,4,6-Tribromophenol	15.807	330	1278849	134.256	ng	-0.03
45) 2-Fluorobiphenyl	12.901	172	4109264	82.019	ng	-0.03
79) Terphenyl-d14	19.842	244	6573807	89.626	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.220	88	239990	34.753	ng	97
3) Pyridine	3.608	79	634563	31.797	ng	99
4) n-Nitrosodimethylamine	3.519	42	309710	41.524	ng	93
6) Aniline	6.996	93	743536	25.982	ng	99
8) 2-Chlorophenol	7.231	128	850929	43.909	ng	100
9) Benzaldehyde	6.808	77	338408	29.794	ng	98
10) Phenol	6.866	94	1013577	43.409	ng	96
11) bis(2-Chloroethyl)ether	7.090	93	741395	40.553	ng	99
12) 1,3-Dichlorobenzene	7.555	146	887429	42.505	ng	100
13) 1,4-Dichlorobenzene	7.696	146	906494	43.088	ng	99
14) 1,2-Dichlorobenzene	8.007	146	873231	43.225	ng	99
15) Benzyl Alcohol	7.890	79	678684	42.741	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.178	45	1073734	41.819	ng	100
17) 2-Methylphenol	8.096	107	694110	43.669	ng	98
18) Hexachloroethane	8.725	117	323075	42.206	ng	99
19) n-Nitroso-di-n-propyla...	8.455	70	553230	41.086	ng	97
20) 3+4-Methylphenols	8.419	107	948038	43.043	ng	99
22) Acetophenone	8.466	105	1190517	42.115	ng	100
24) Nitrobenzene	8.837	77	832285	42.024	ng	98
25) Isophorone	9.360	82	1594111	41.070	ng	99
26) 2-Nitrophenol	9.543	139	414282	41.339	ng	99
27) 2,4-Dimethylphenol	9.607	122	781550	43.249	ng	99
28) bis(2-Chloroethoxy)met...	9.843	93	1023454	42.102	ng	99
29) 2,4-Dichlorophenol	10.072	162	811814	44.948	ng	98
30) 1,2,4-Trichlorobenzene	10.290	180	837887	45.558	ng	99
31) Naphthalene	10.472	128	2514965	41.843	ng	99
32) Benzoic acid	9.749	122	561192	36.877	ng	99
33) 4-Chloroaniline	10.578	127	541026	21.166	ng	99
34) Hexachlorobutadiene	10.766	225	519951	43.468	ng	99
35) Caprolactam	11.354	113	277859m	42.963	ng	
36) 4-Chloro-3-methylphenol	11.707	107	862468	44.928	ng	97
37) 2-Methylnaphthalene	12.084	142	1654101	38.819	ng	99
38) 1-Methylnaphthalene	12.307	142	1692139	40.629	ng	100
40) 1,2,4,5-Tetrachloroben...	12.460	216	961201	43.292	ng	99
41) Hexachlorocyclopentadiene	12.448	237	1225037	84.306	ng	99
43) 2,4,6-Trichlorophenol	12.701	196	673703	44.260	ng	99

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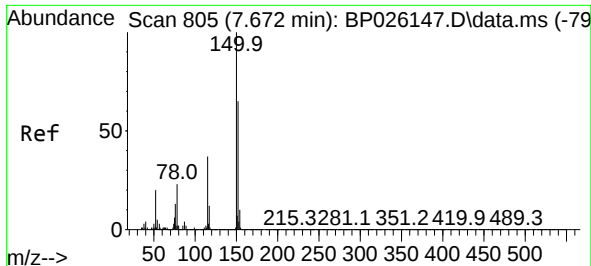
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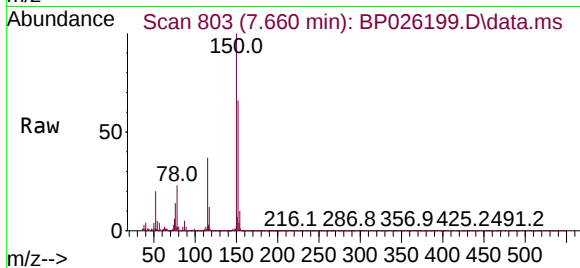
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	766352	45.104	ng	99
46) 1,1'-Biphenyl	13.107	154	2395275	43.321	ng	99
47) 2-Chloronaphthalene	13.148	162	1844794	42.430	ng	99
48) 2-Nitroaniline	13.348	65	525109	43.431	ng	96
49) Acenaphthylene	14.013	152	3131869	43.670	ng	100
50) Dimethylphthalate	13.748	163	2384161	43.472	ng	99
51) 2,6-Dinitrotoluene	13.860	165	529963	48.768	ng	100
52) Acenaphthene	14.360	154	1774018	42.210	ng	100
53) 3-Nitroaniline	14.190	138	357119	27.911	ng	99
54) 2,4-Dinitrophenol	14.395	184	613604	93.540	ng	96
55) Dibenzofuran	14.701	168	2838771	43.609	ng	99
56) 4-Nitrophenol	14.513	139	981518	84.796	ng	96
57) 2,4-Dinitrotoluene	14.660	165	757097	46.660	ng	98
58) Fluorene	15.360	166	2244320	43.619	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.931	232	677865	47.027	ng	100
60) Diethylphthalate	15.142	149	2455821	44.451	ng	99
61) 4-Chlorophenyl-phenyle...	15.360	204	1123438	43.883	ng	98
62) 4-Nitroaniline	15.378	138	512245	38.554	ng	98
63) Azobenzene	15.660	77	2113694	45.374	ng	98
65) 4,6-Dinitro-2-methylph...	15.431	198	424630	44.394	ng	98
66) n-Nitrosodiphenylamine	15.578	169	2116622	45.446	ng	99
67) 4-Bromophenyl-phenylether	16.272	248	753332	45.179	ng	98
68) Hexachlorobenzene	16.389	284	868093	44.866	ng	99
69) Atrazine	16.560	200	802079	45.669	ng	99
70) Pentachlorophenol	16.742	266	1195612	88.338	ng	99
71) Phenanthrene	17.136	178	3707591	43.714	ng	100
72) Anthracene	17.242	178	3766563	43.541	ng	100
73) Carbazole	17.507	167	3493979	42.525	ng	100
74) Di-n-butylphthalate	18.119	149	4436089	45.542	ng	100
75) Fluoranthene	19.230	202	4470230	43.379	ng	99
77) Benzidine	19.436	184	1095465	23.080	ng	99
78) Pyrene	19.607	202	4663667	47.558	ng	100
80) Butylbenzylphthalate	20.577	149	1935080	44.809	ng	99
81) Benzo(a)anthracene	21.519	228	4470021	43.519	ng	100
82) 3,3'-Dichlorobenzidine	21.448	252	975784	26.124	ng	98
83) Chrysene	21.589	228	4211926	43.511	ng	100
84) Bis(2-ethylhexyl)phtha...	21.477	149	2821900	43.166	ng	99
85) Di-n-octyl phthalate	22.748	149	4581770	40.082	ng	99
87) Indeno(1,2,3-cd)pyrene	28.571	276	5437766	46.227	ng	97
88) Benzo(b)fluoranthene	23.801	252	4263566	44.635	ng	99
89) Benzo(k)fluoranthene	23.871	252	4560975	47.806	ng	99
90) Benzo(a)pyrene	24.677	252	4188387	46.291	ng	99
91) Dibenzo(a,h)anthracene	28.659	278	4439848	46.107	ng	98
92) Benzo(g,h,i)perylene	29.736	276	4414154	46.120	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.660 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP026199.D
 Acq: 01 Dec 2025 15:31

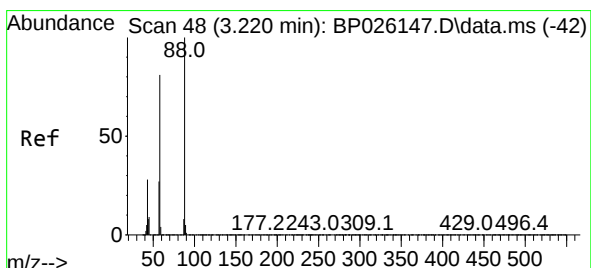
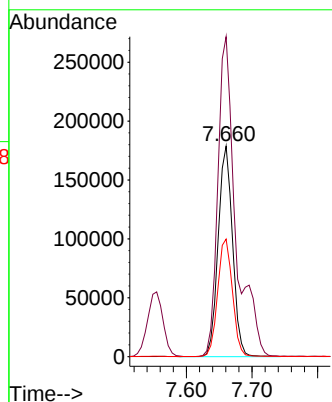
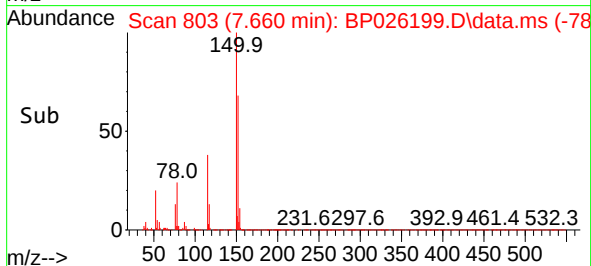
Instrument :
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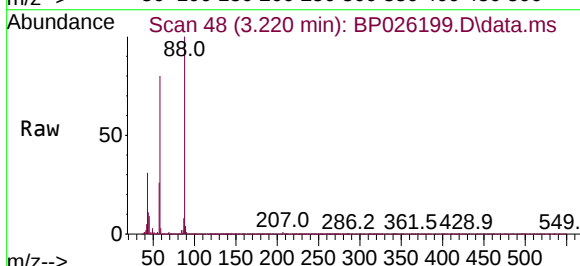
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 Ion Ratio Lower Upper
 152 100
 150 152.0 123.0 184.6
 115 55.9 46.3 69.5

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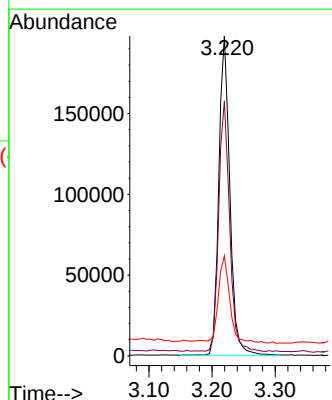
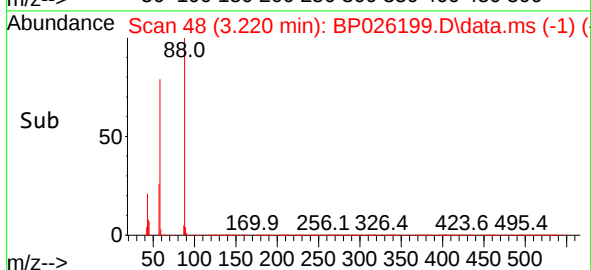
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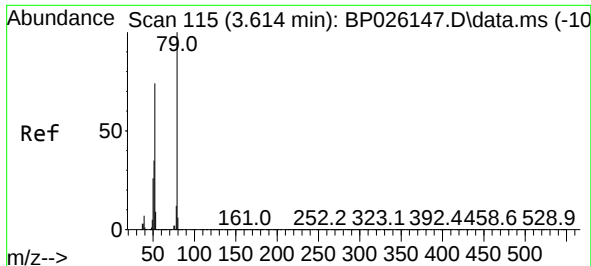


#2
 1,4-Dioxane
 Concen: 34.753 ng
 RT: 3.220 min Scan# 48
 Delta R.T. -0.006 min
 Lab File: BP026199.D
 Acq: 01 Dec 2025 15:31



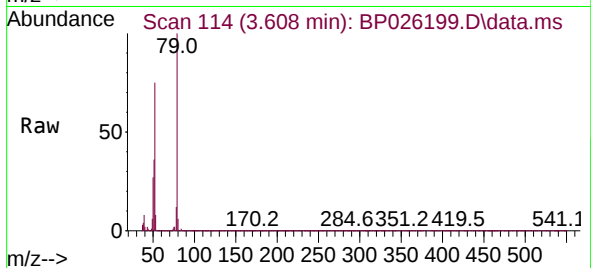
Tgt Ion: 88 Resp: 239990
 Ion Ratio Lower Upper
 88 100
 58 77.5 64.2 96.4
 43 28.1 21.5 32.3





#3
Pyridine
Concen: 31.797 ng
RT: 3.608 min Scan# 115
Delta R.T. -0.006 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

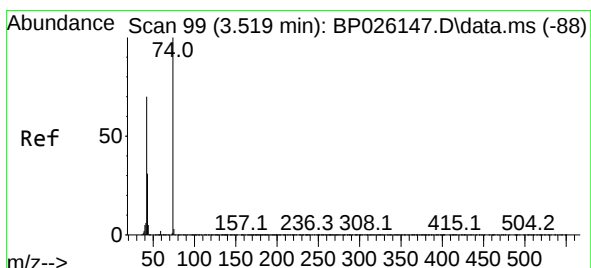
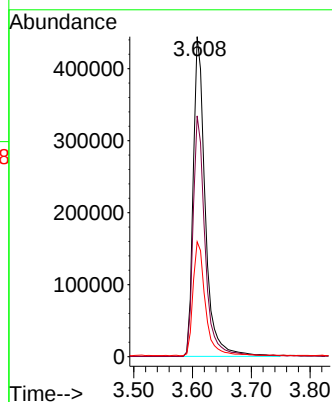
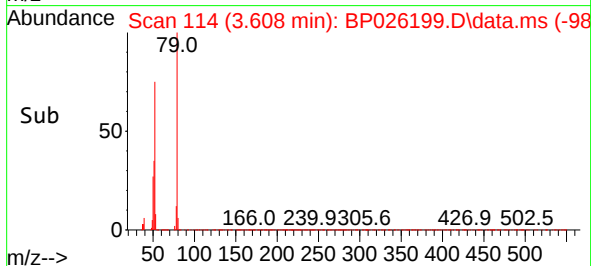
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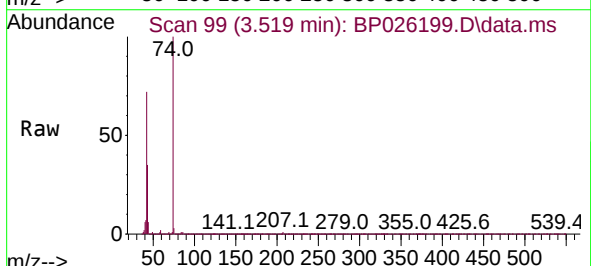
Tgt Ion: 79 Resp: 634563
Ion Ratio Lower Upper
79 100
52 75.2 60.2 90.2
51 35.9 29.5 44.3

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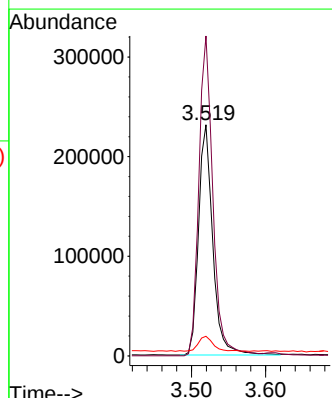
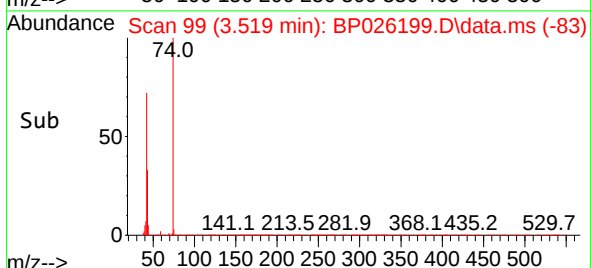
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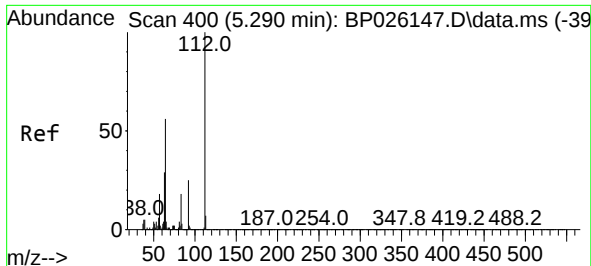


#4
n-Nitrosodimethylamine
Concen: 41.524 ng
RT: 3.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31



Tgt Ion: 42 Resp: 309710
Ion Ratio Lower Upper
42 100
74 138.4 118.1 177.1
44 8.5 6.2 9.4





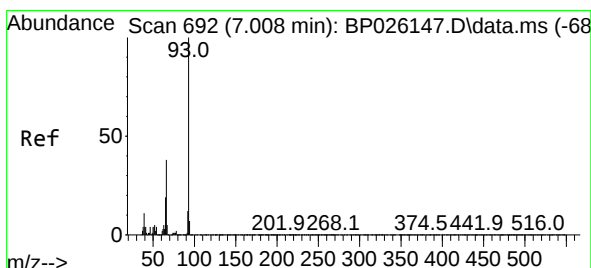
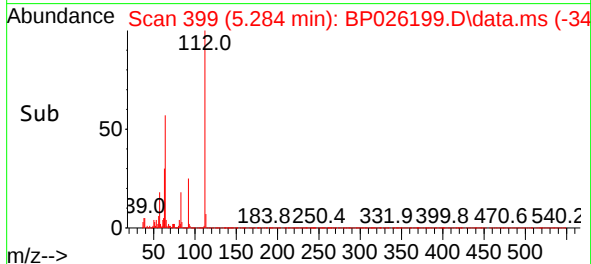
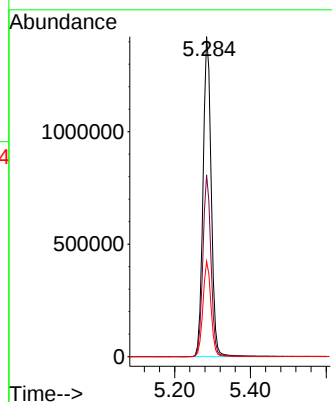
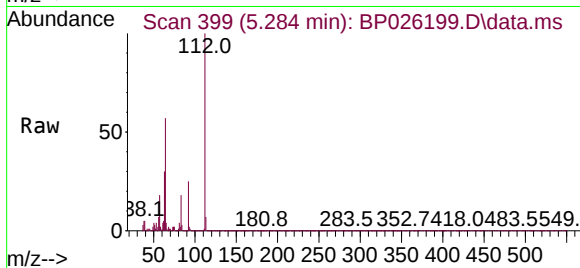
#5
2-Fluorophenol
Concen: 124.305 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

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ClientSampleId :
PB170743BS

Tgt Ion:112 Resp: 211633
Ion Ratio Lower Upper
112 100
64 56.8 45.8 68.6
63 29.7 23.5 35.3

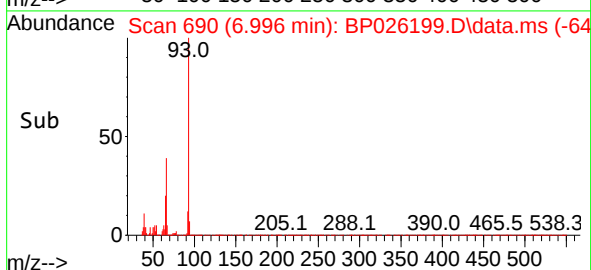
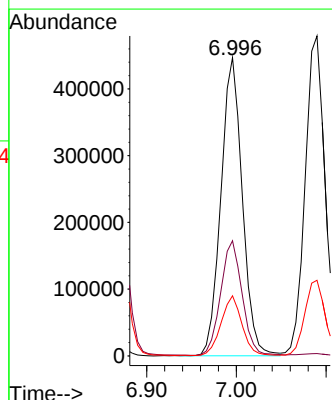
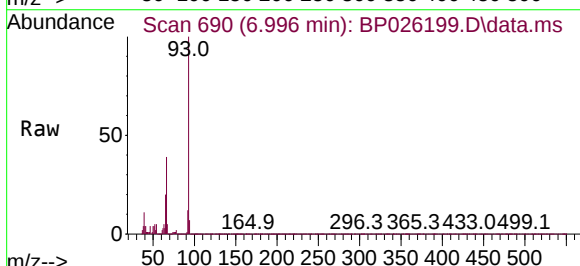
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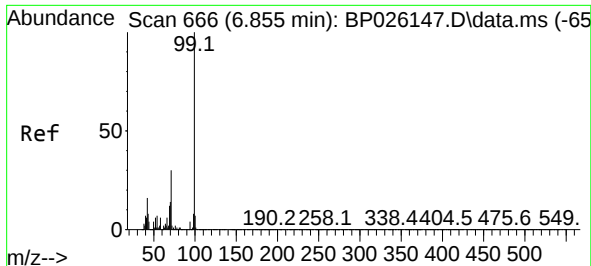
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#6
Aniline
Concen: 25.982 ng
RT: 6.996 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

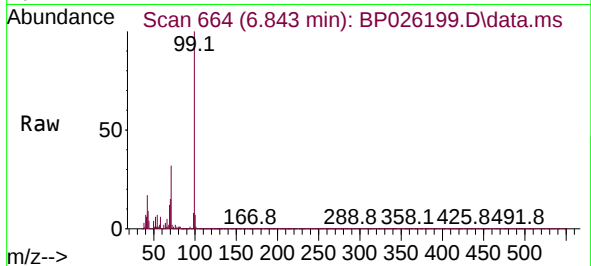
Tgt Ion: 93 Resp: 743536
Ion Ratio Lower Upper
93 100
66 38.6 31.7 47.5
65 20.1 15.8 23.6





#7
Phenol-d6
Concen: 122.664 ng
RT: 6.843 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

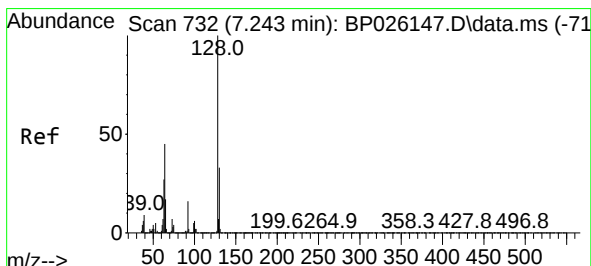
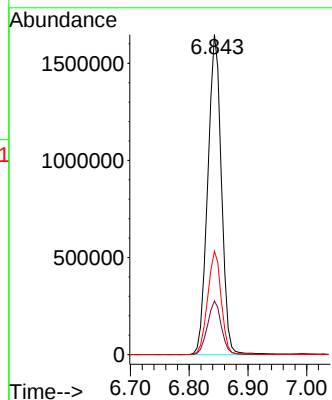
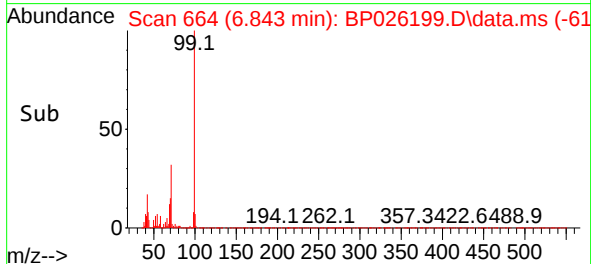
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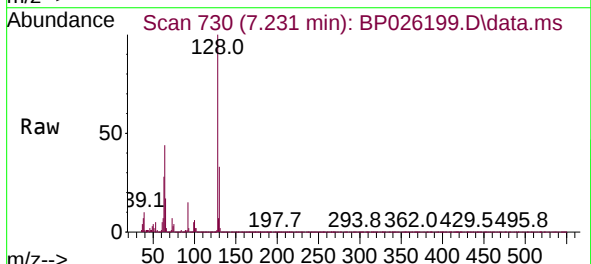
Tgt Ion: 99 Resp: 265867
Ion Ratio Lower Upper
99 100
42 16.8 12.9 19.3
71 32.3 24.8 37.2

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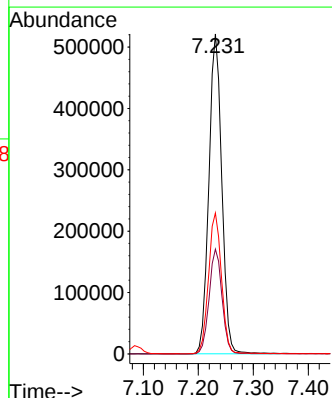
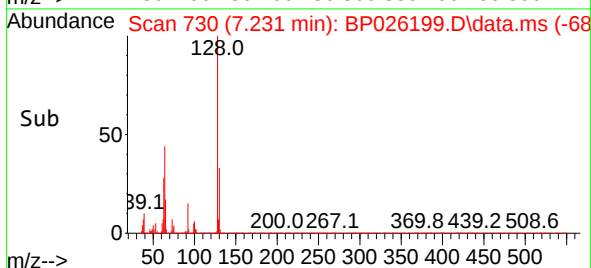
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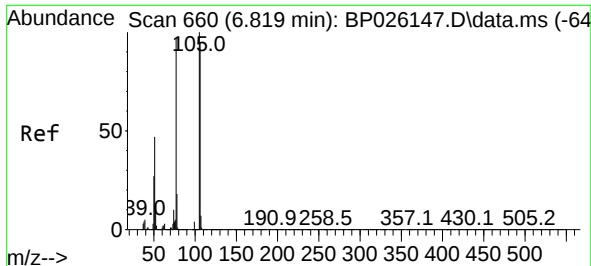


#8
2-Chlorophenol
Concen: 43.909 ng
RT: 7.231 min Scan# 730
Delta R.T. -0.012 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31



Tgt Ion:128 Resp: 850929
Ion Ratio Lower Upper
128 100
130 32.7 12.4 52.4
64 44.1 23.9 63.9





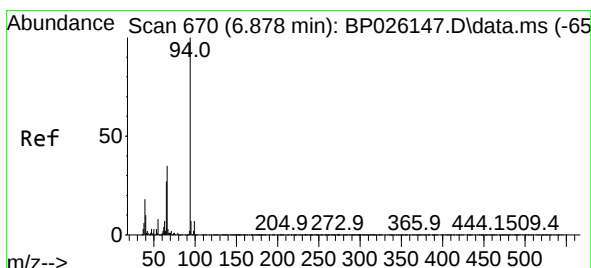
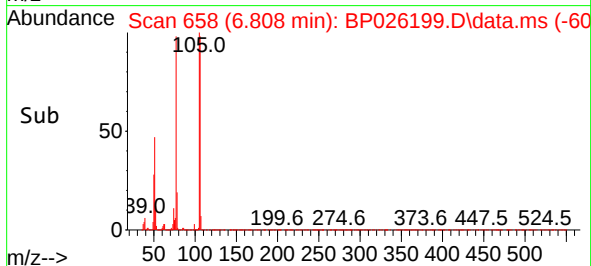
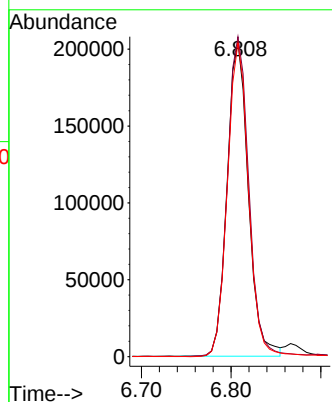
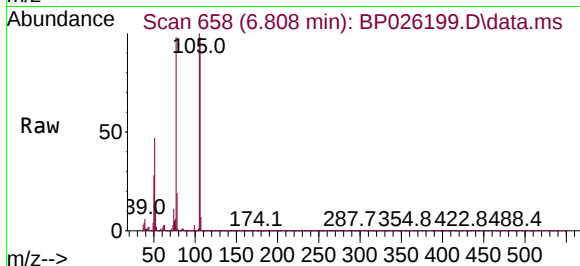
#9
Benzaldehyde
Concen: 29.794 ng
RT: 6.808 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

Instrument :
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ClientSampleId :
PB170743BS

Tgt Ion: 77 Resp: 338408
Ion Ratio Lower Upper
77 100
105 101.8 82.9 122.9
106 99.8 77.8 117.8

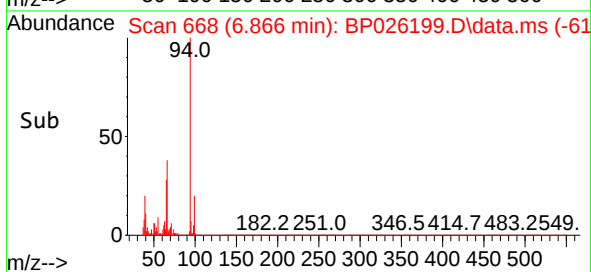
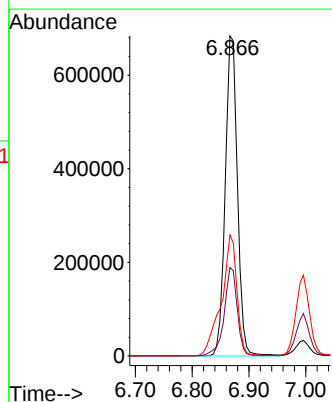
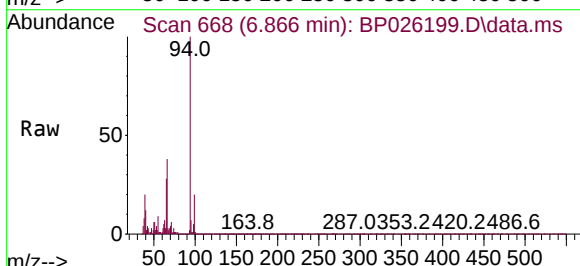
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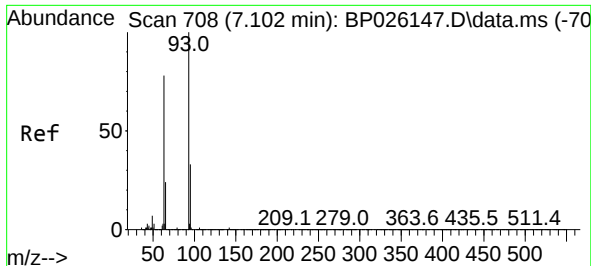
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#10
Phenol
Concen: 43.409 ng
RT: 6.866 min Scan# 668
Delta R.T. -0.012 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

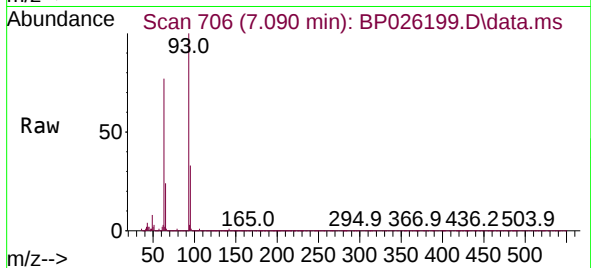
Tgt Ion: 94 Resp: 1013577
Ion Ratio Lower Upper
94 100
65 27.6 7.0 47.0
66 37.8 14.5 54.5





#11
bis(2-Chloroethyl)ether
Concen: 40.553 ng
RT: 7.090 min Scan# 708
Delta R.T. -0.006 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

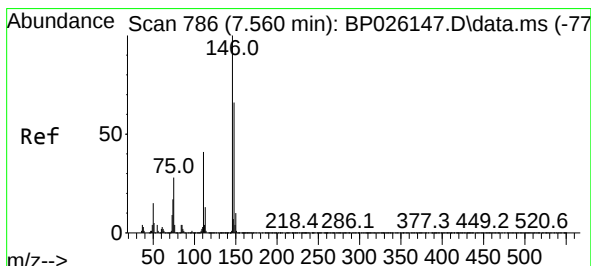
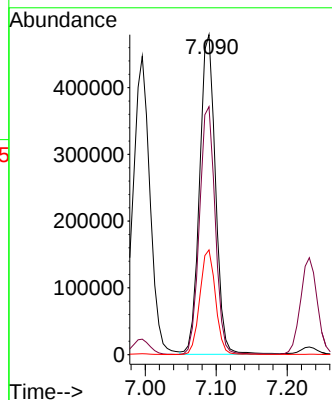
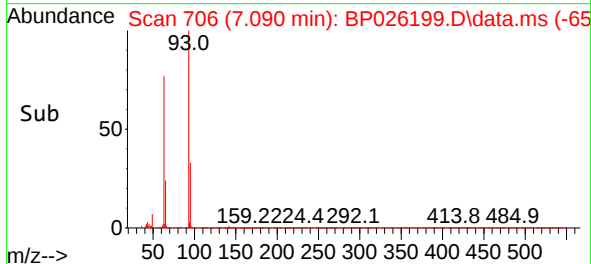
Instrument :
BNA_P
ClientSampleId :
PB170743BS



Tgt Ion: 93 Resp: 741395
Ion Ratio Lower Upper
93 100
63 77.5 58.8 98.8
95 32.7 12.1 52.1

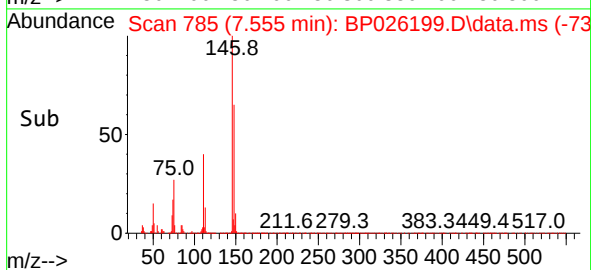
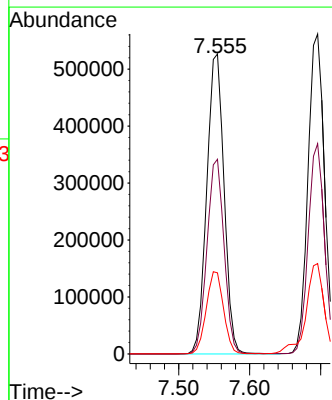
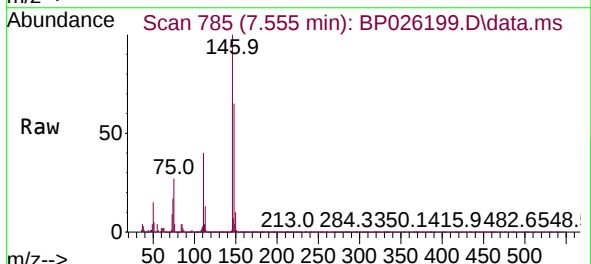
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APPROVED

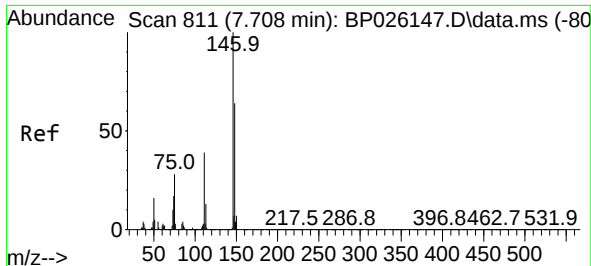
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#12
1,3-Dichlorobenzene
Concen: 42.505 ng
RT: 7.555 min Scan# 785
Delta R.T. -0.012 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

Tgt Ion:146 Resp: 887429
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 27.1 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 43.088 ng

RT: 7.696 min Scan# 80

Delta R.T. -0.006 min

Lab File: BP026199.D

Acq: 01 Dec 2025 15:31

Instrument :

BNA_P

ClientSampleId :

PB170743BS

Tgt Ion:146 Resp: 906494

Ion Ratio Lower Upper

146 100

148 65.7 51.4 77.2

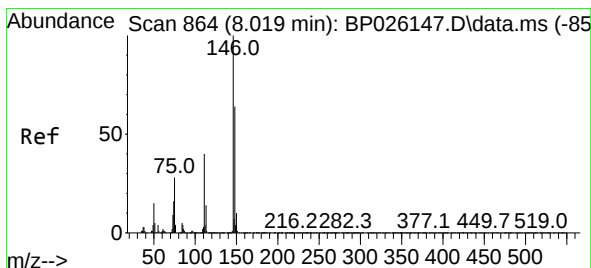
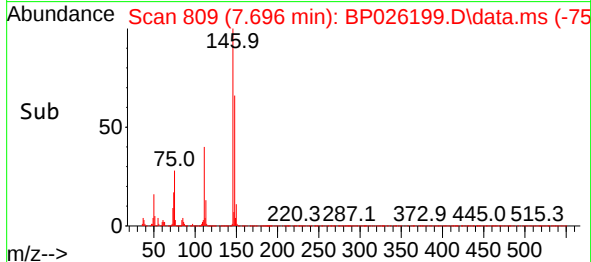
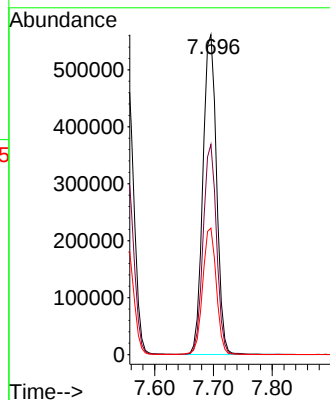
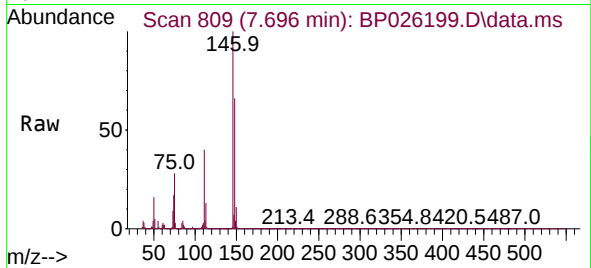
111 39.5 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025

Supervised By :mohammad ahmed 12/03/2025



#14

1,2-Dichlorobenzene

Concen: 43.225 ng

RT: 8.007 min Scan# 862

Delta R.T. -0.006 min

Lab File: BP026199.D

Acq: 01 Dec 2025 15:31

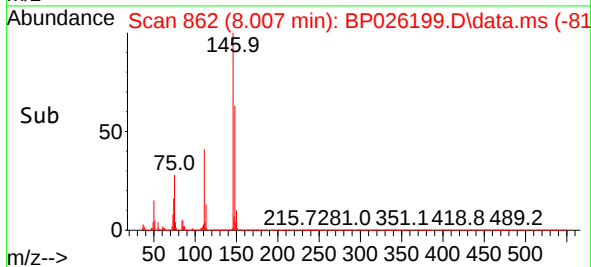
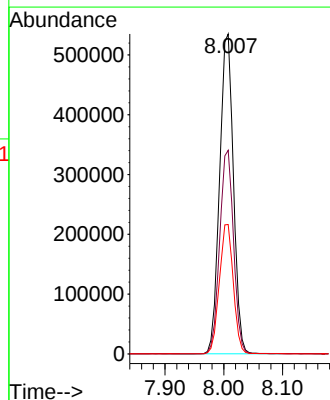
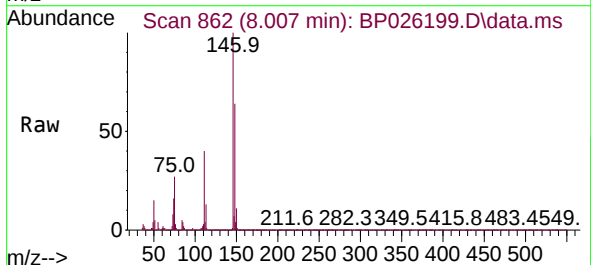
Tgt Ion:146 Resp: 873231

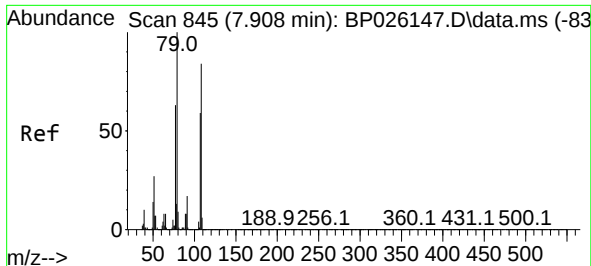
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

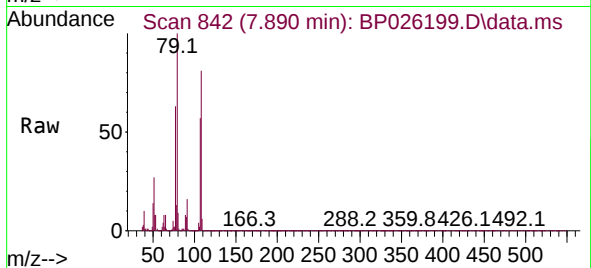
111 40.4 33.0 49.4





#15
Benzyl Alcohol
Concen: 42.741 ng
RT: 7.890 min Scan# 845
Delta R.T. -0.018 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

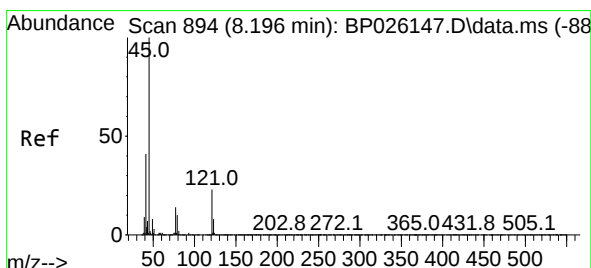
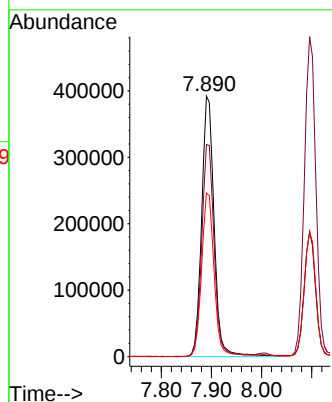
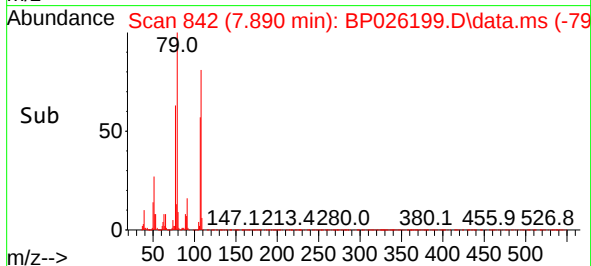
Instrument :
BNA_P
ClientSampleId :
PB170743BS



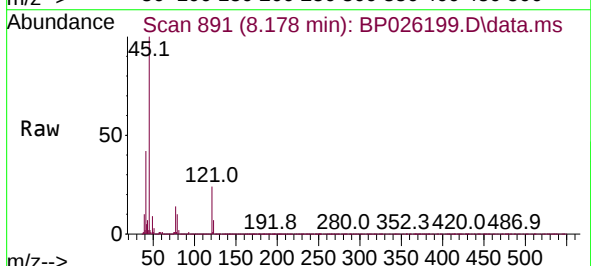
Tgt Ion: 79 Resp: 678684
Ion Ratio Lower Upper
79 100
108 81.4 66.2 99.4
77 62.8 50.0 75.0

Manual Integrations
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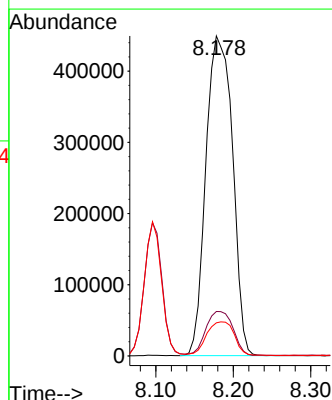
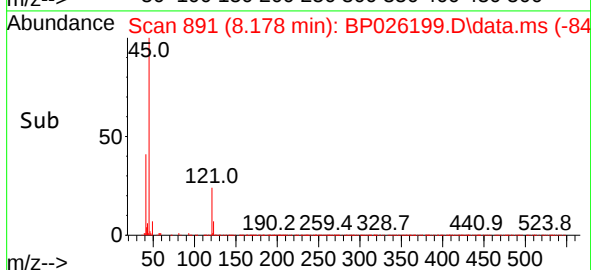
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

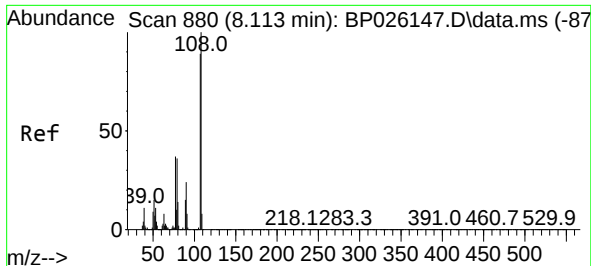


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.819 ng
RT: 8.178 min Scan# 891
Delta R.T. -0.018 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31



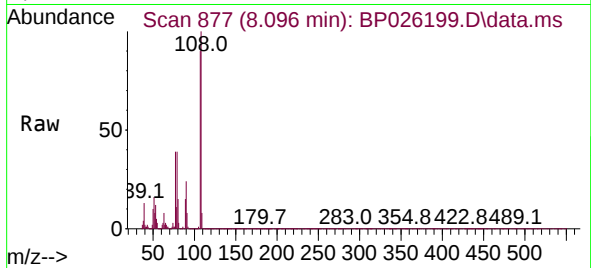
Tgt Ion: 45 Resp: 1073734
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.9
79 10.3 0.0 30.4





#17
2-Methylphenol
Concen: 43.669 ng
RT: 8.096 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

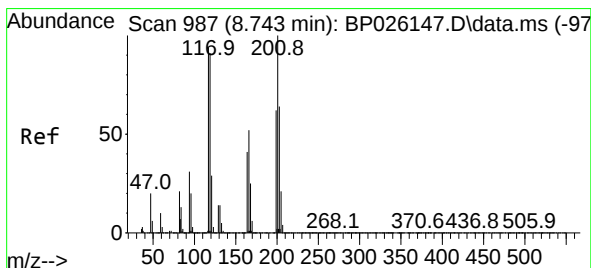
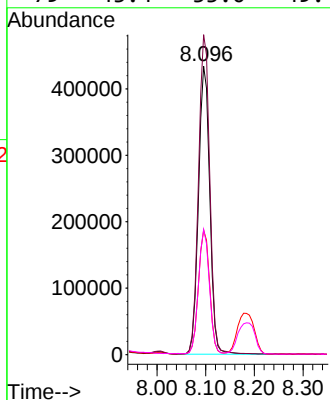
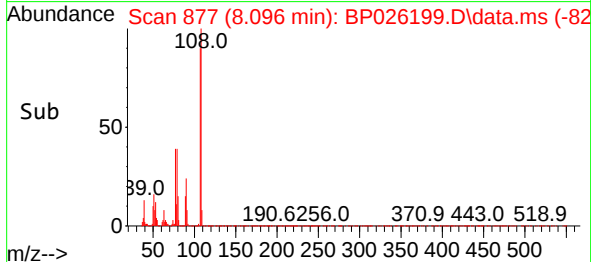
Instrument :
BNA_P
ClientSampleId :
PB170743BS



Tgt Ion:107 Resp: 694110
Ion Ratio Lower Upper
107 100
108 111.0 89.7 134.5
77 43.1 33.9 50.9
79 43.4 33.0 49.4

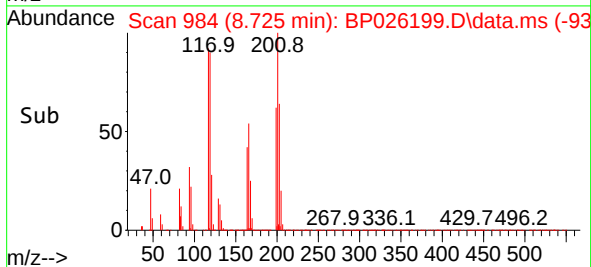
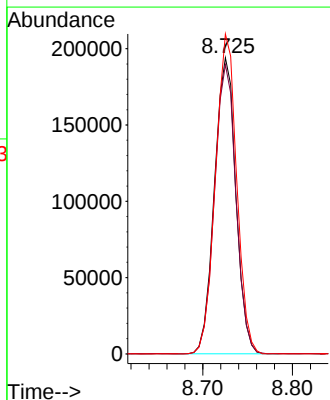
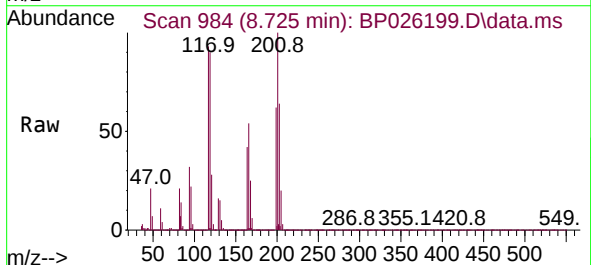
Manual Integrations
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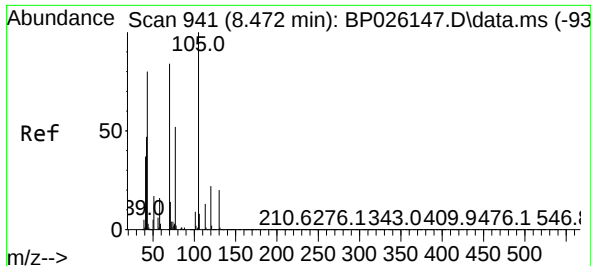
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#18
Hexachloroethane
Concen: 42.206 ng
RT: 8.725 min Scan# 984
Delta R.T. -0.018 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

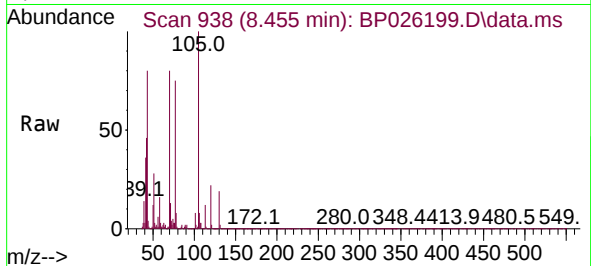
Tgt Ion:117 Resp: 323075
Ion Ratio Lower Upper
117 100
119 97.7 78.7 118.1
201 108.1 85.1 127.7





#19
n-Nitroso-di-n-propylamine
Concen: 41.086 ng
RT: 8.455 min Scan# 931
Delta R.T. -0.018 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

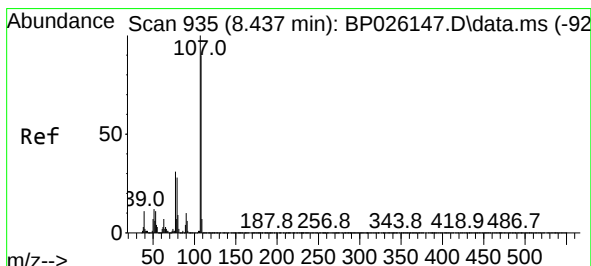
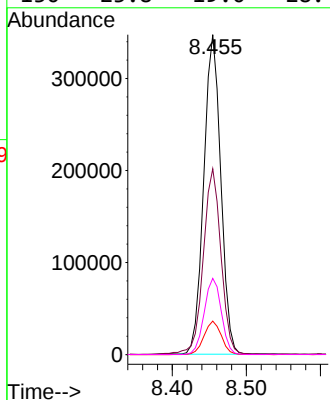
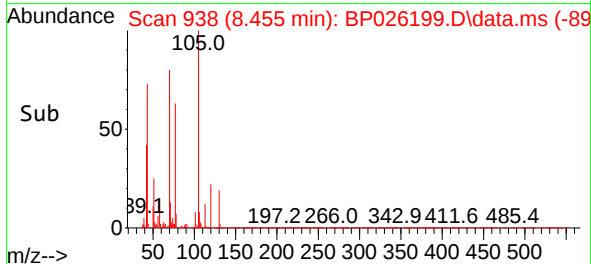
Instrument :
BNA_P
ClientSampleId :
PB170743BS



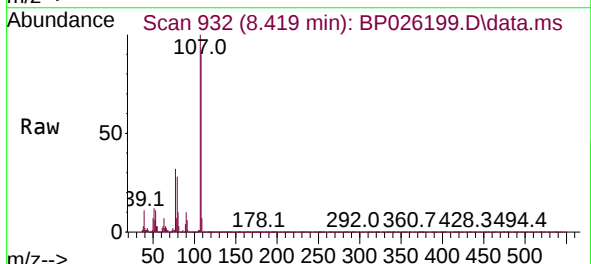
Tgt Ion: 70 Resp: 553230
Ion Ratio Lower Upper
70 100
42 58.1 44.1 66.1
101 10.5 8.2 12.4
130 23.8 19.0 28.4

Manual Integrations
APPROVED

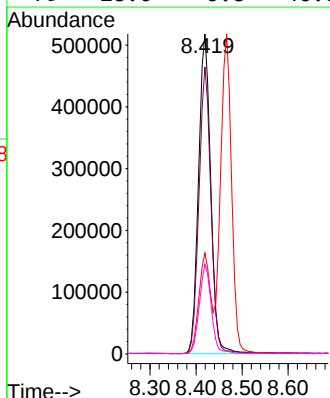
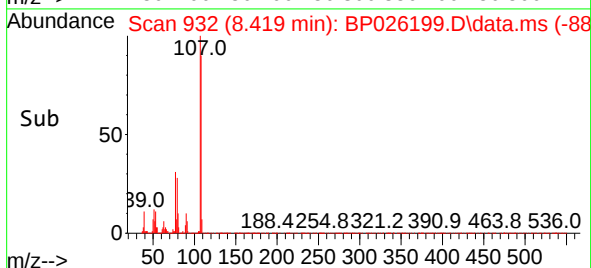
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

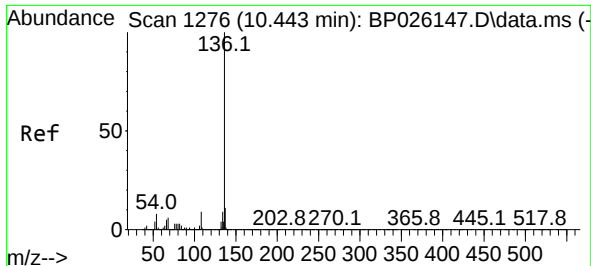


#20
3+4-Methylphenols
Concen: 43.043 ng
RT: 8.419 min Scan# 932
Delta R.T. -0.018 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31



Tgt Ion:107 Resp: 948038
Ion Ratio Lower Upper
107 100
108 89.7 68.9 108.9
77 31.6 10.4 50.4
79 28.0 6.8 46.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 1112139
Delta R.T. -0.029 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

Instrument :

BNA_P

ClientSampleId :

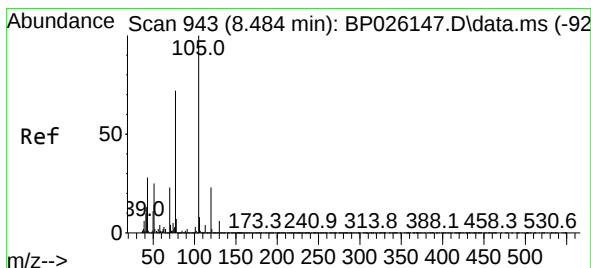
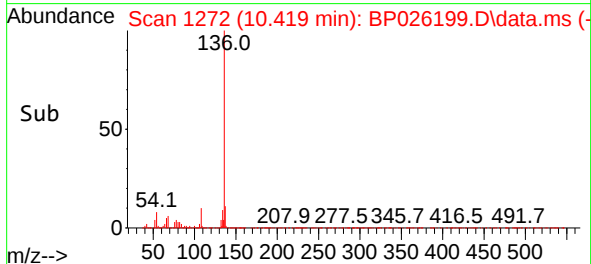
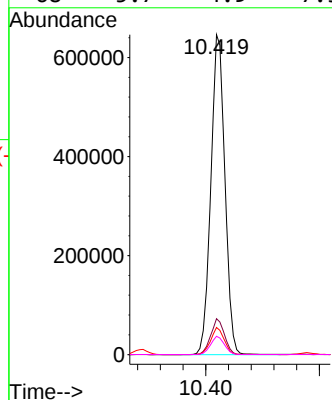
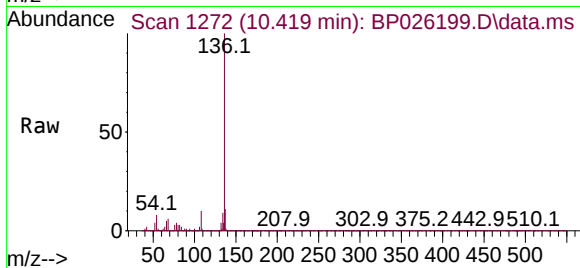
PB170743BS

Tgt Ion:136 Resp: 1112139
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.5 6.4 9.6
68 5.7 4.9 7.3

Manual Integrations

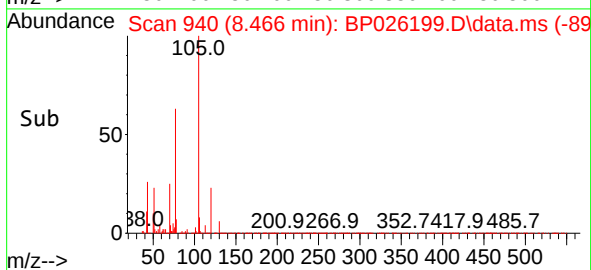
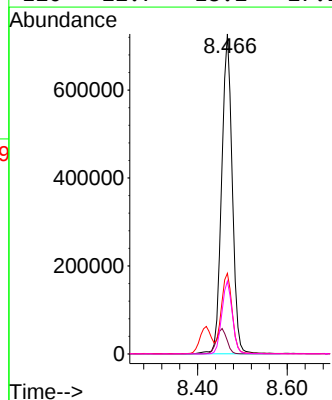
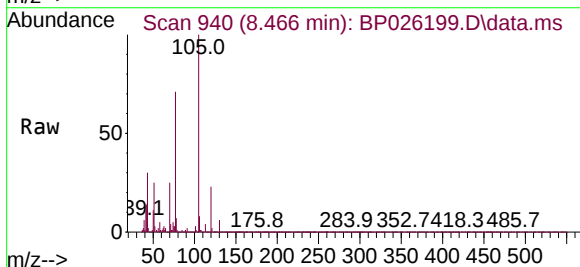
APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#22
Acetophenone
Concen: 42.115 ng
RT: 8.466 min Scan# 940
Delta R.T. -0.018 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

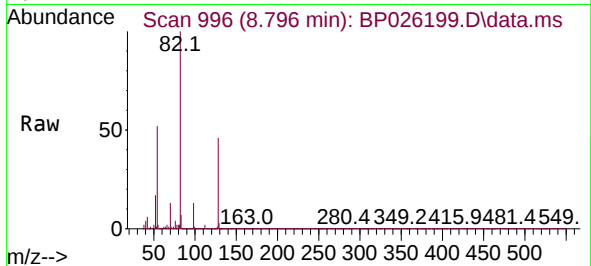
Tgt Ion:105 Resp: 1190517
Ion Ratio Lower Upper
105 100
71 4.1 3.0 4.4
51 25.2 20.5 30.7
120 22.7 18.2 27.2





#23
Nitrobenzene-d5
Concen: 79.419 ng
RT: 8.796 min Scan# 99
Delta R.T. -0.018 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

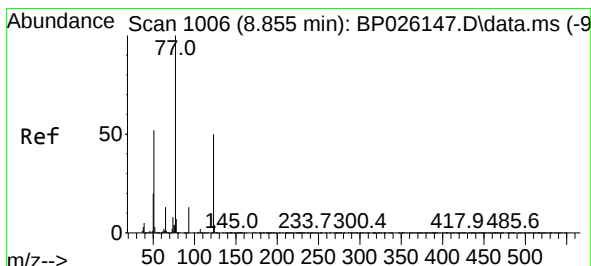
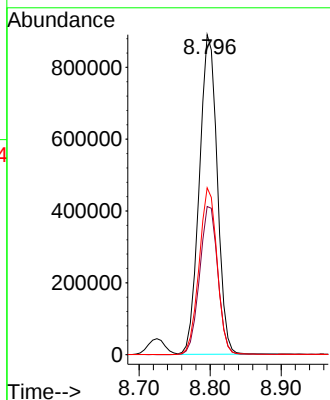
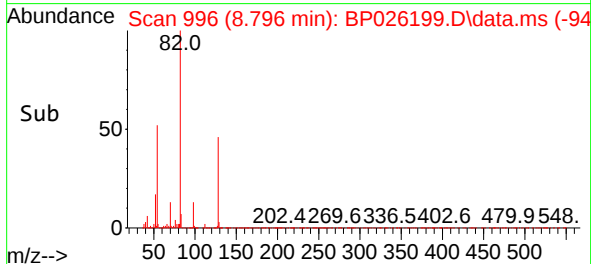
Instrument :
BNA_P
ClientSampleId :
PB170743BS



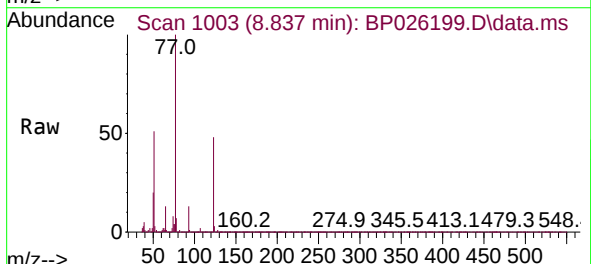
Tgt Ion: 82 Resp: 1554958
Ion Ratio Lower Upper
82 100
128 46.3 37.4 56.0
54 52.1 41.6 62.4

Manual Integrations
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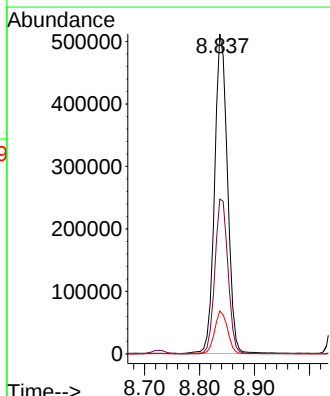
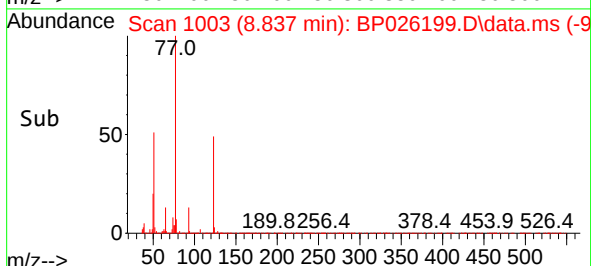
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

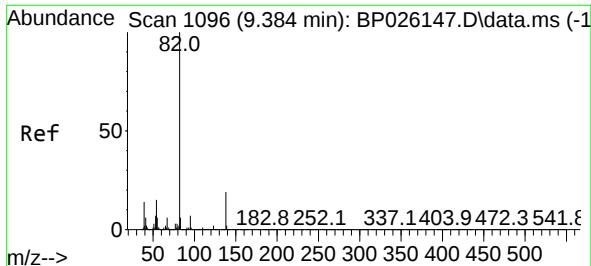


#24
Nitrobenzene
Concen: 42.024 ng
RT: 8.837 min Scan# 1003
Delta R.T. -0.018 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31



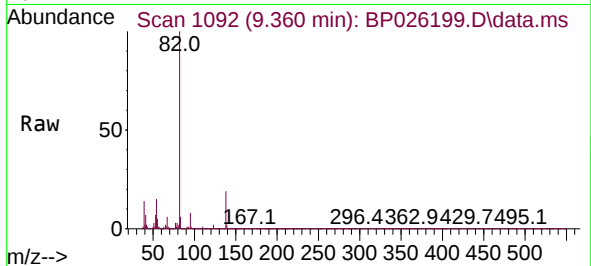
Tgt Ion: 77 Resp: 832285
Ion Ratio Lower Upper
77 100
123 48.4 39.8 59.8
65 13.4 11.2 16.8





#25
Isophorone
Concen: 41.070 ng
RT: 9.360 min Scan# 1096
Delta R.T. -0.023 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

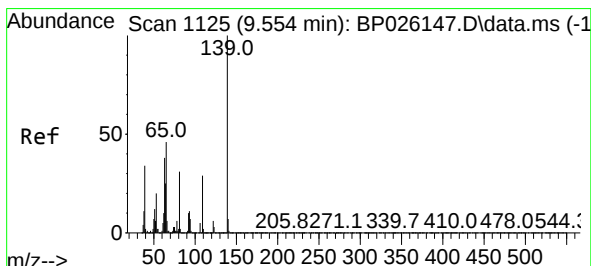
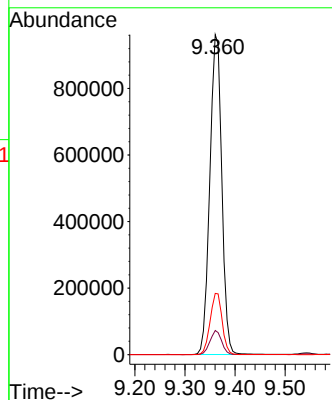
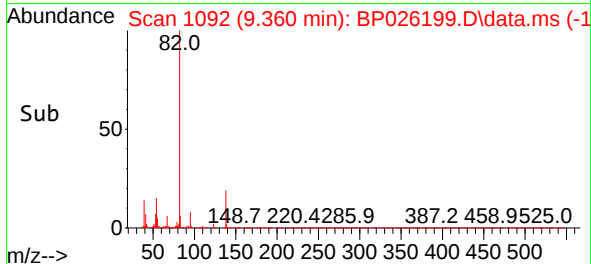
Instrument :
BNA_P
ClientSampleId :
PB170743BS



Tgt Ion: 82 Resp: 159411
Ion Ratio Lower Upper
82 100
95 7.5 5.4 8.0
138 19.1 15.4 23.0

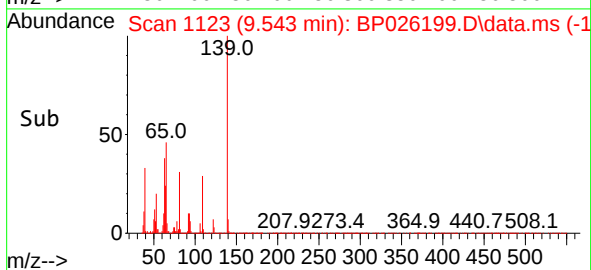
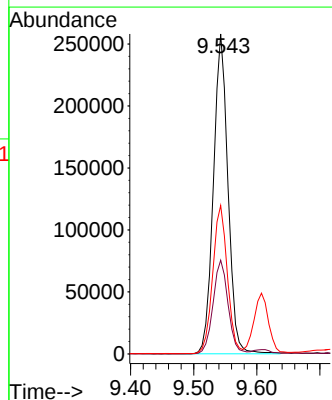
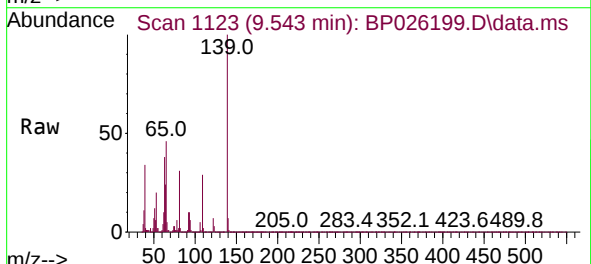
Manual Integrations
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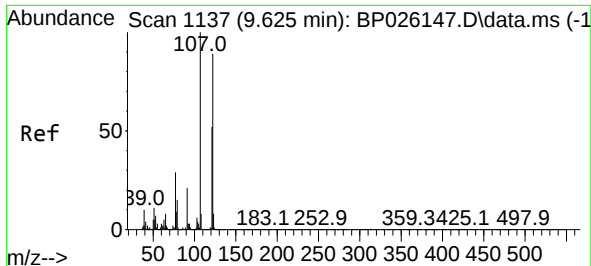
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#26
2-Nitrophenol
Concen: 41.339 ng
RT: 9.543 min Scan# 1123
Delta R.T. -0.018 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

Tgt Ion:139 Resp: 414282
Ion Ratio Lower Upper
139 100
109 29.3 22.3 33.5
65 46.4 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 43.249 ng

RT: 9.607 min Scan# 1137

Delta R.T. -0.018 min

Lab File: BP026199.D

Acq: 01 Dec 2025 15:31

Instrument :

BNA_P

ClientSampleId :

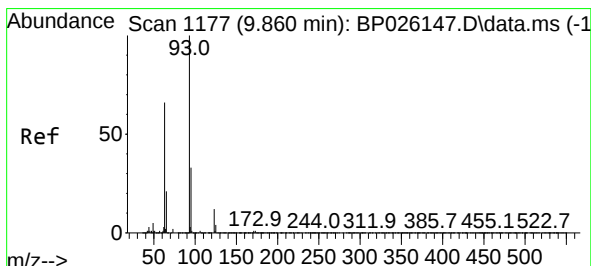
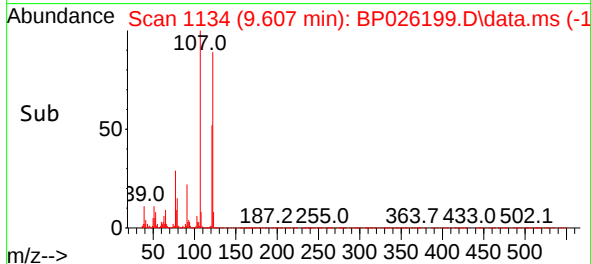
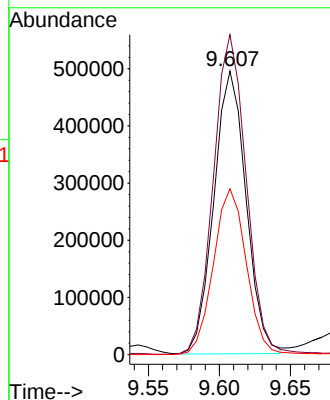
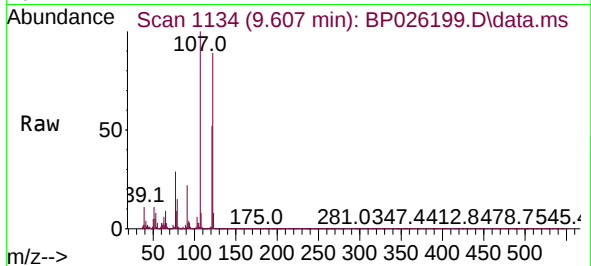
PB170743BS

Tgt Ion:122 Resp: 781550
 Ion Ratio Lower Upper
 122 100
 107 112.9 91.0 136.6
 121 58.5 47.0 70.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025



#28

bis(2-Chloroethoxy)methane

Concen: 42.102 ng

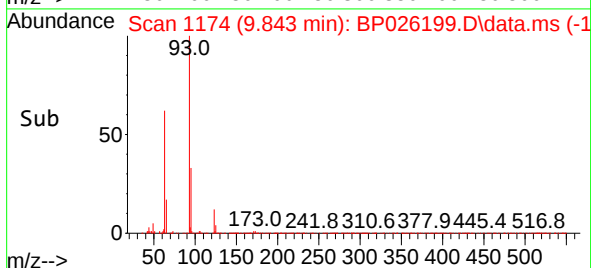
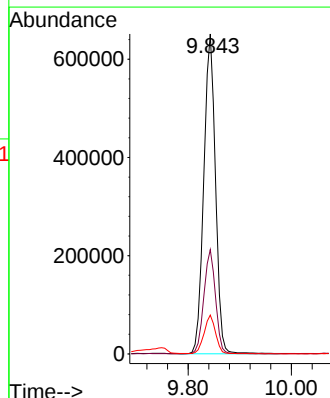
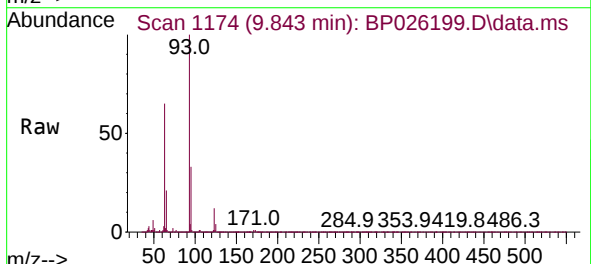
RT: 9.843 min Scan# 1174

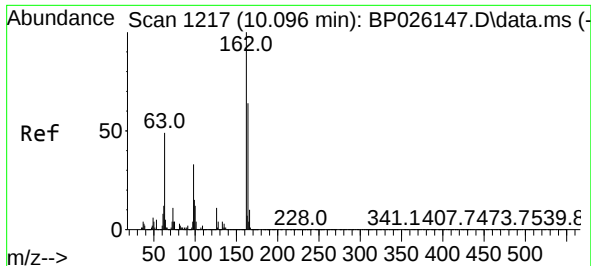
Delta R.T. -0.018 min

Lab File: BP026199.D

Acq: 01 Dec 2025 15:31

Tgt Ion: 93 Resp: 1023454
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.4 39.6
 123 12.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 44.948 ng

RT: 10.072 min Scan# 1217

Delta R.T. -0.023 min

Lab File: BP026199.D

Acq: 01 Dec 2025 15:31

Instrument :

BNA_P

ClientSampleId :

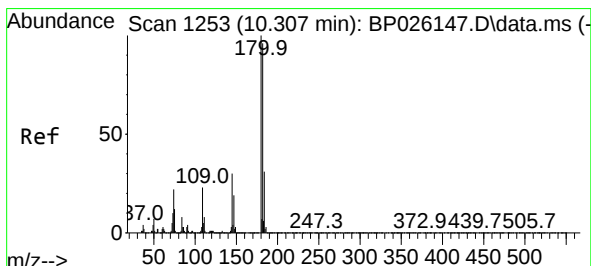
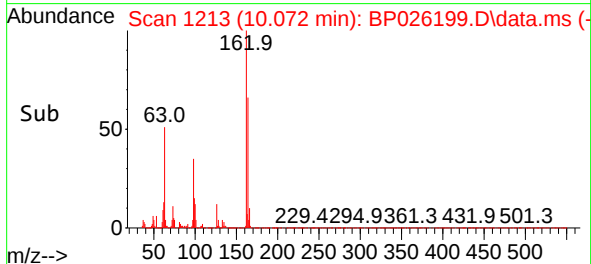
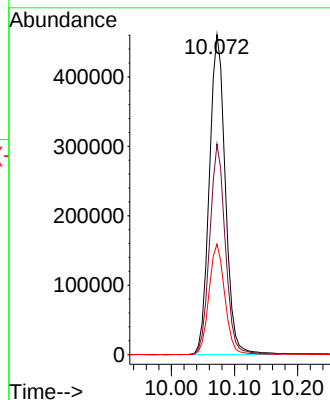
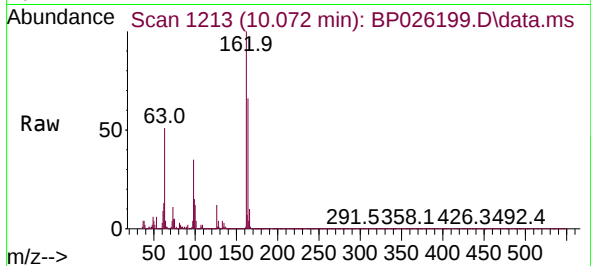
PB170743BS

Tgt Ion:	162	Resp:	811814
Ion Ratio	Lower	Upper	
162	100		
164	65.8	43.8	83.8
98	34.5	14.1	54.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#30

1,2,4-Trichlorobenzene

Concen: 45.558 ng

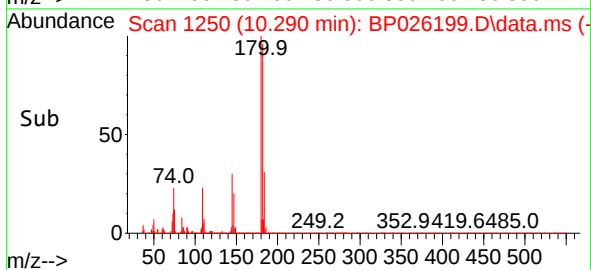
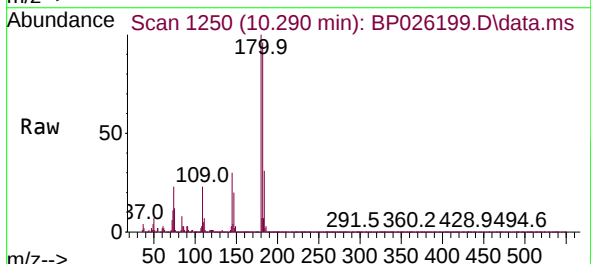
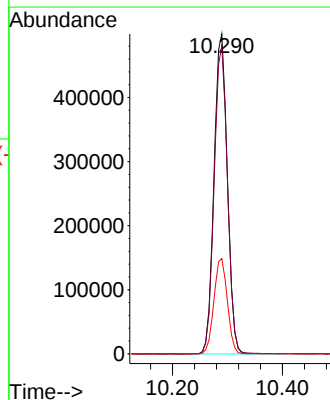
RT: 10.290 min Scan# 1250

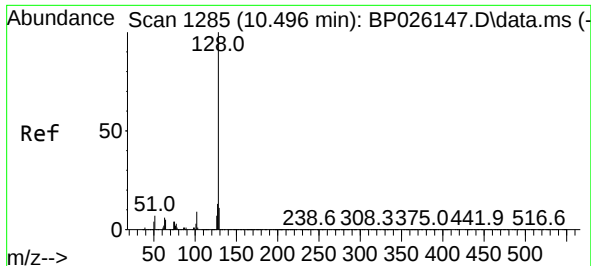
Delta R.T. -0.018 min

Lab File: BP026199.D

Acq: 01 Dec 2025 15:31

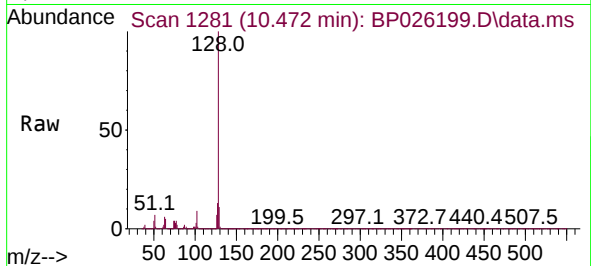
Tgt Ion:	180	Resp:	837887
Ion Ratio	Lower	Upper	
180	100		
182	96.3	78.1	117.1
145	29.8	24.2	36.4





#31
Naphthalene
Concen: 41.843 ng
RT: 10.472 min Scan# 1158
Delta R.T. -0.023 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

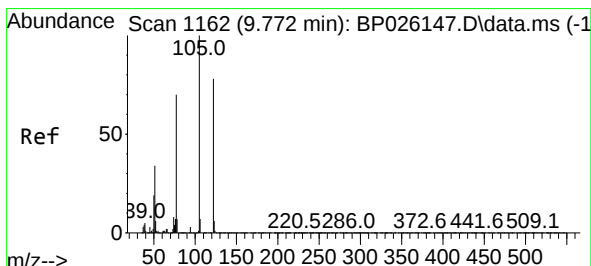
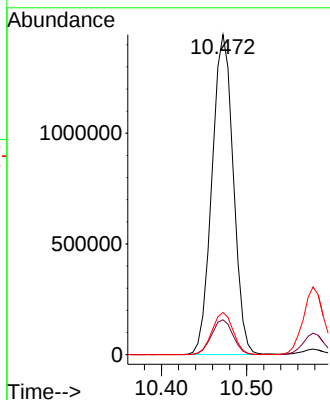
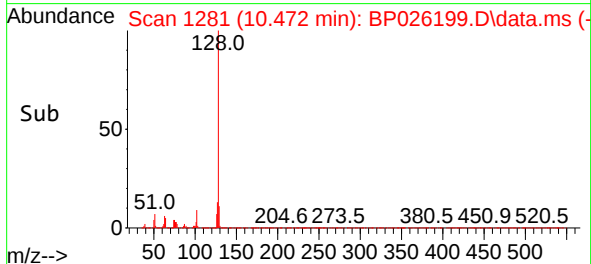
Instrument :
BNA_P
ClientSampleId :
PB170743BS



Tgt Ion:128 Resp: 251496
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.2 10.2 15.4

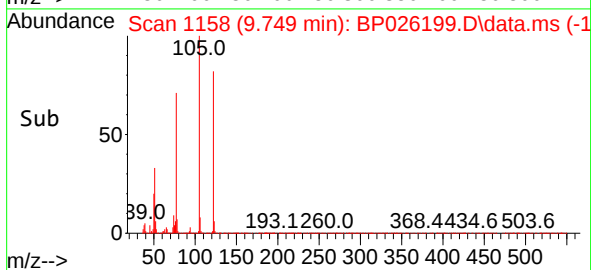
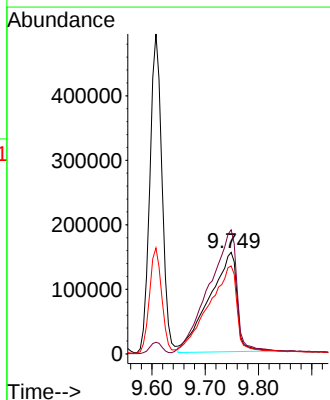
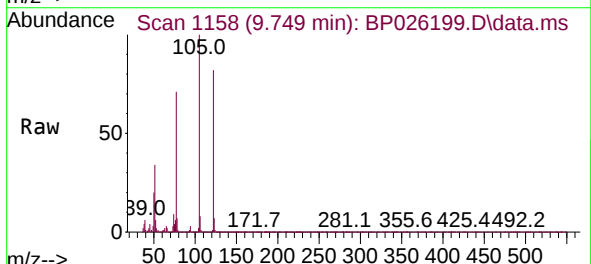
Manual Integrations
APPROVED

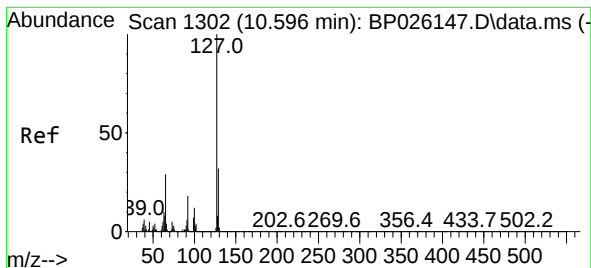
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#32
Benzoic acid
Concen: 36.877 ng
RT: 9.749 min Scan# 1158
Delta R.T. -0.018 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

Tgt Ion:122 Resp: 561192
Ion Ratio Lower Upper
122 100
105 122.3 100.1 140.1
77 86.7 66.7 106.7





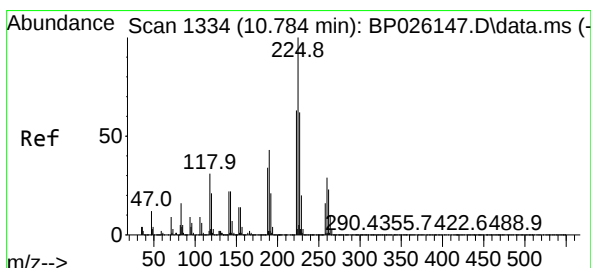
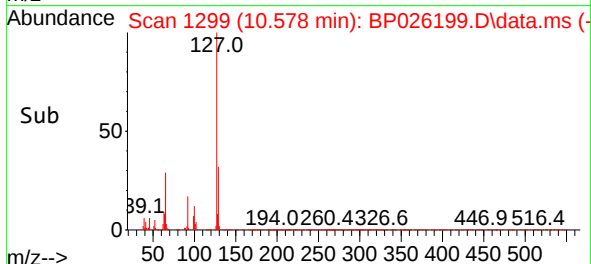
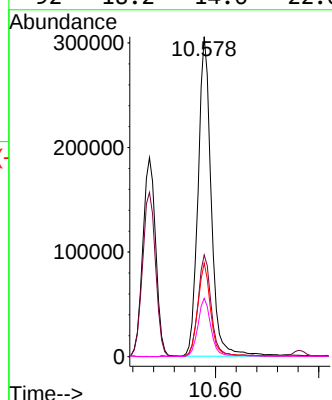
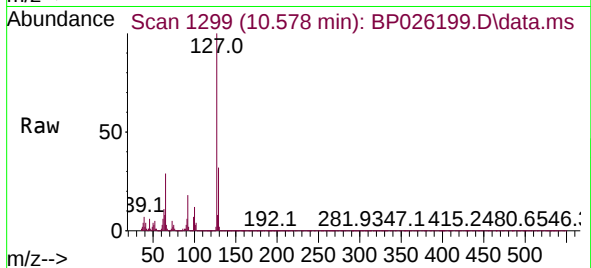
#33
4-Chloroaniline
Concen: 21.166 ng
RT: 10.578 min Scan# 1299
Delta R.T. -0.018 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

Instrument :
BNA_P
ClientSampleId :
PB170743BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.8
65	29.3	22.7	34.1
92	18.2	14.6	22.0

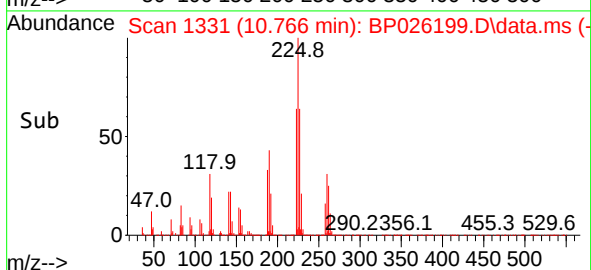
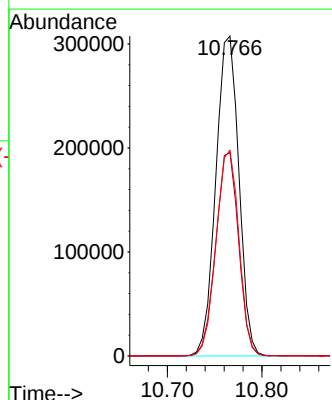
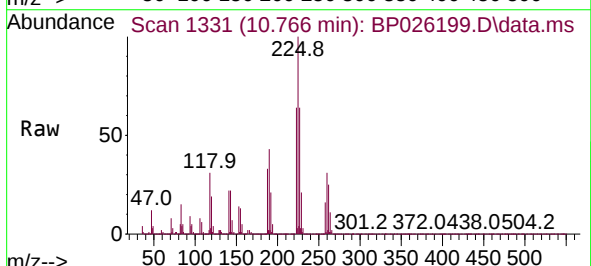
Manual Integrations
APPROVED

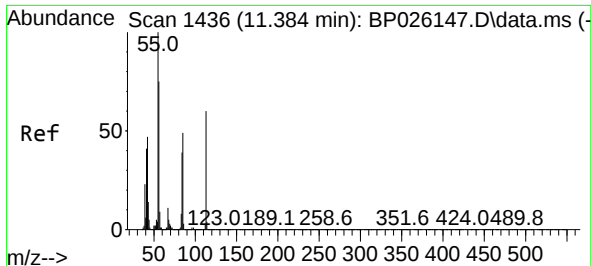
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#34
Hexachlorobutadiene
Concen: 43.468 ng
RT: 10.766 min Scan# 1331
Delta R.T. -0.029 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

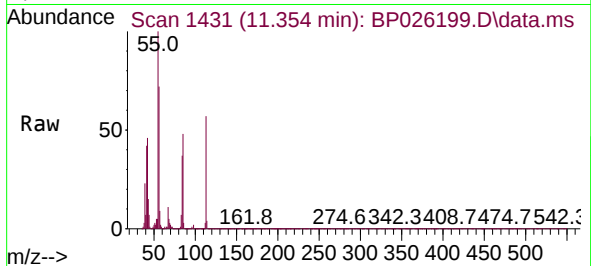
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.6	74.4
227	64.2	51.2	76.8





#35
Caprolactam
Concen: 42.963 ng m
RT: 11.354 min Scan# 1436
Delta R.T. -0.023 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

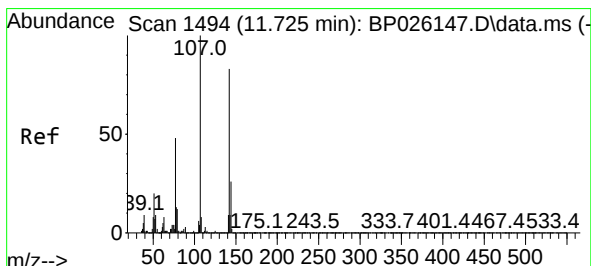
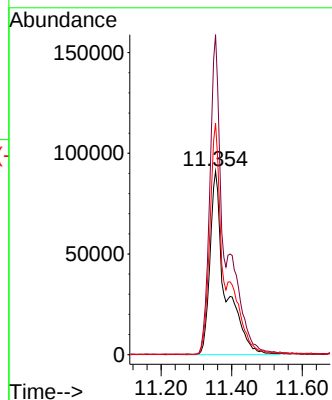
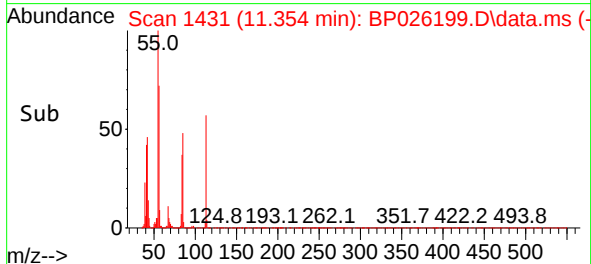
Instrument :
BNA_P
ClientSampleId :
PB170743BS



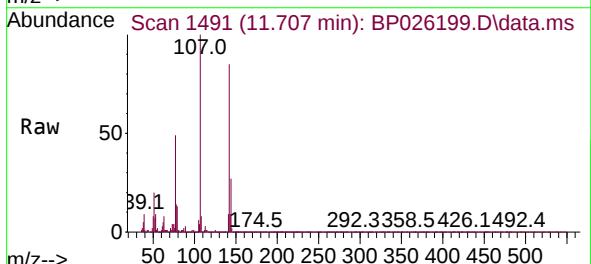
Tgt Ion:113 Resp: 277859
Ion Ratio Lower Upper
113 100
55 174.5 153.0 193.0
56 126.2 106.4 146.4

Manual Integrations
APPROVED

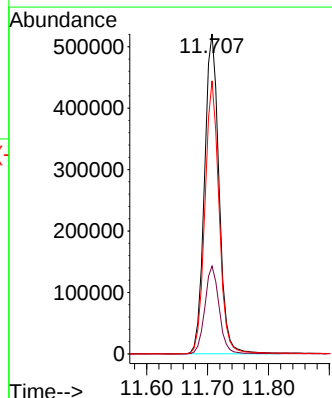
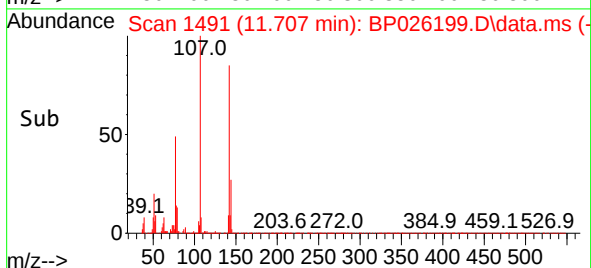
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

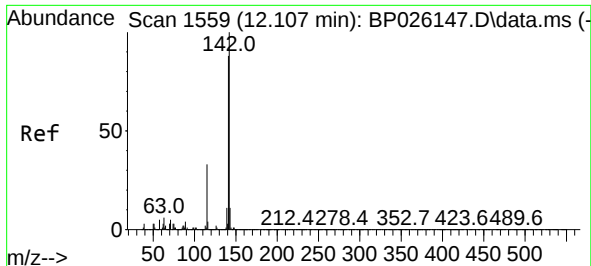


#36
4-Chloro-3-methylphenol
Concen: 44.928 ng
RT: 11.707 min Scan# 1491
Delta R.T. -0.023 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31



Tgt Ion:107 Resp: 862468
Ion Ratio Lower Upper
107 100
144 27.4 21.6 32.4
142 85.3 65.6 98.4





#37
2-Methylnaphthalene
Concen: 38.819 ng
RT: 12.084 min Scan# 1559
Delta R.T. -0.029 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

Instrument :

BNA_P

ClientSampleId :

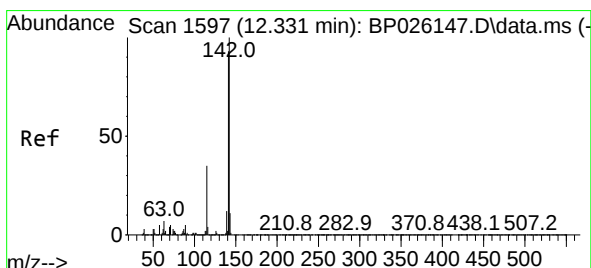
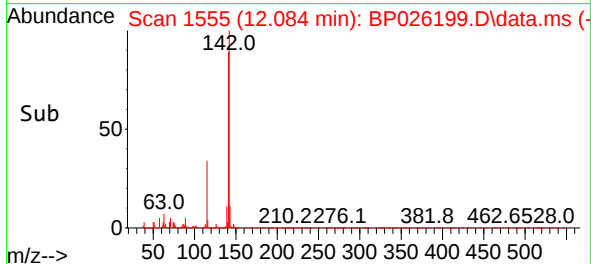
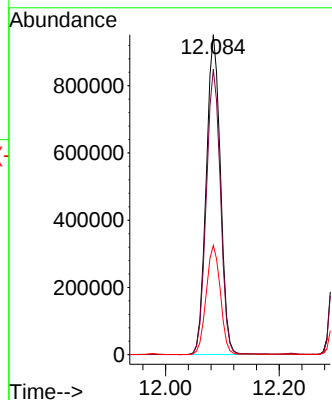
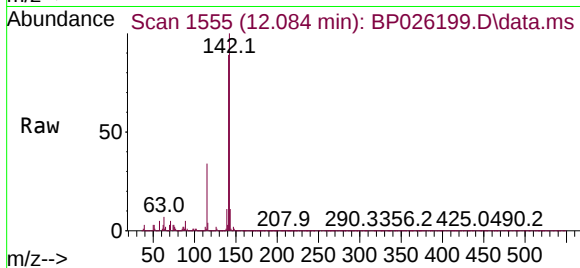
PB170743BS

Tgt Ion:142 Resp: 165410
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.6
115 34.1 26.6 39.8

Manual Integrations

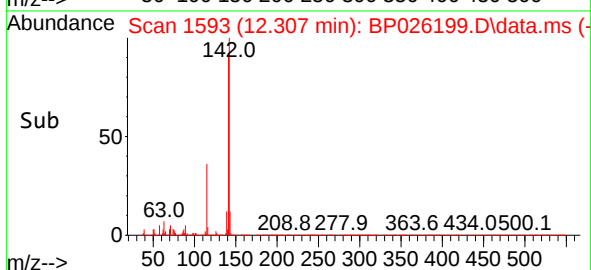
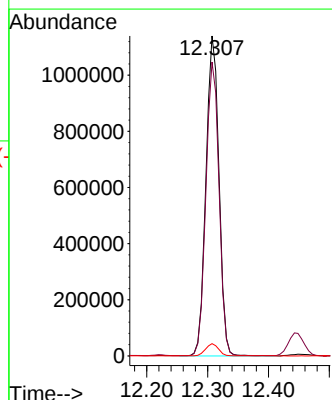
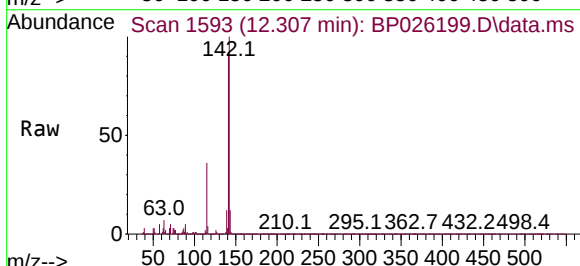
APPROVED

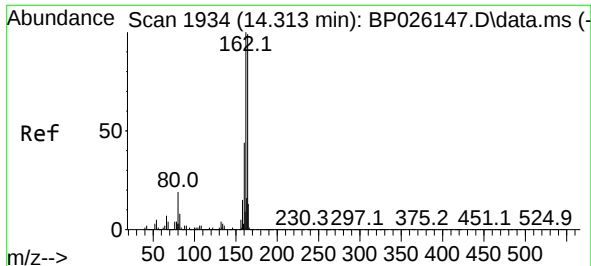
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#38
1-Methylnaphthalene
Concen: 40.629 ng
RT: 12.307 min Scan# 1593
Delta R.T. -0.023 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

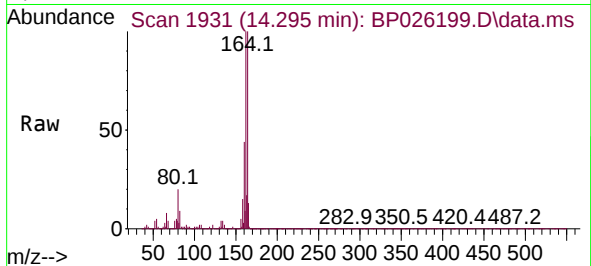
Tgt Ion:142 Resp: 1692139
Ion Ratio Lower Upper
142 100
141 91.8 73.5 110.3
116 3.8 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.295 min Scan# 1931
Delta R.T. -0.029 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

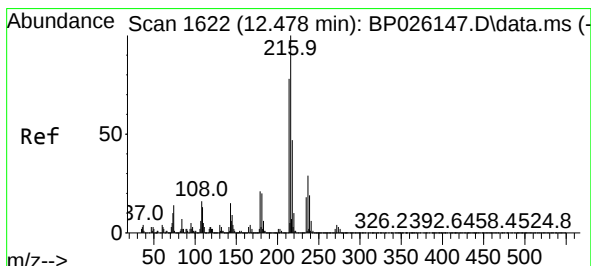
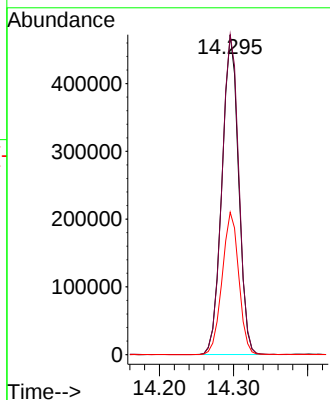
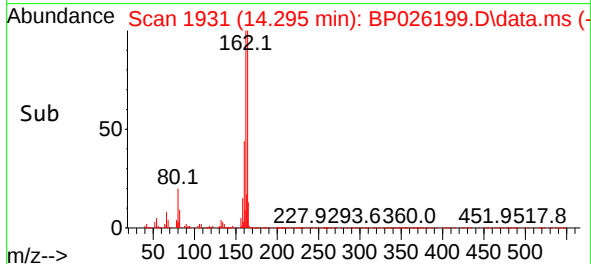
Instrument :
BNA_P
ClientSampleId :
PB170743BS



Tgt Ion:164 Resp: 734282
Ion Ratio Lower Upper
164 100
162 100.1 80.3 120.5
160 44.5 35.2 52.8

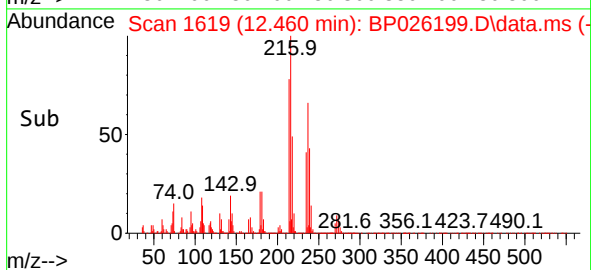
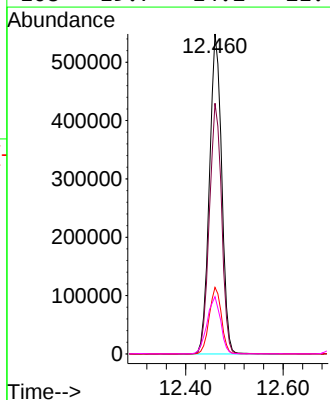
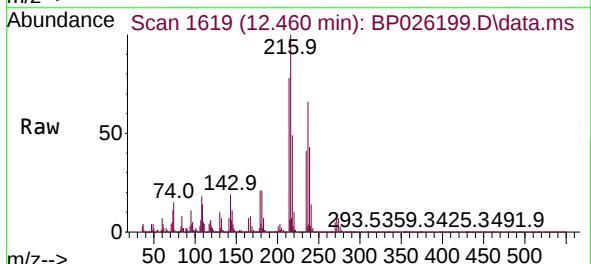
Manual Integrations
APPROVED

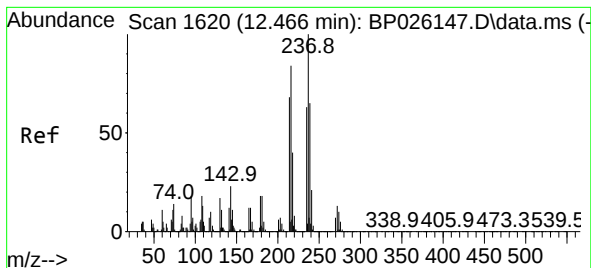
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.292 ng
RT: 12.460 min Scan# 1619
Delta R.T. -0.029 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

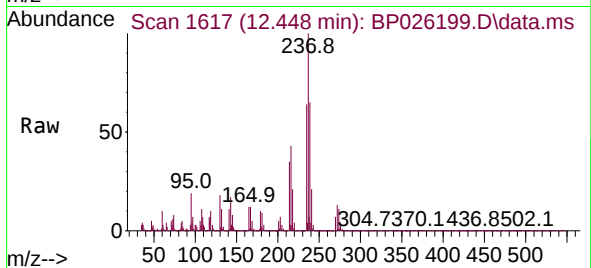
Tgt Ion:216 Resp: 961201
Ion Ratio Lower Upper
216 100
214 78.4 62.6 94.0
179 20.8 16.6 25.0
108 19.7 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 84.306 ng
RT: 12.448 min Scan# 1617
Delta R.T. -0.023 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

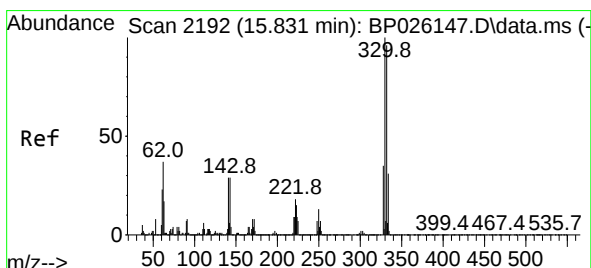
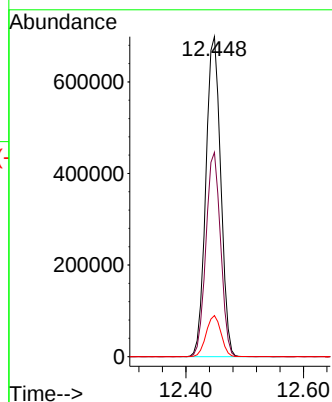
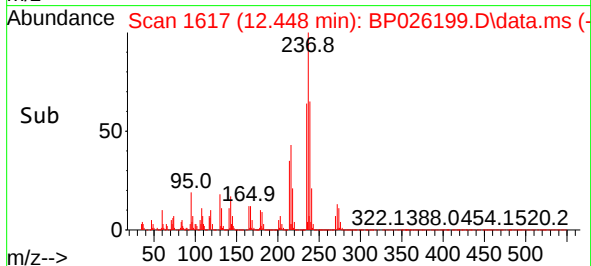
Instrument :
BNA_P
ClientSampleId :
PB170743BS



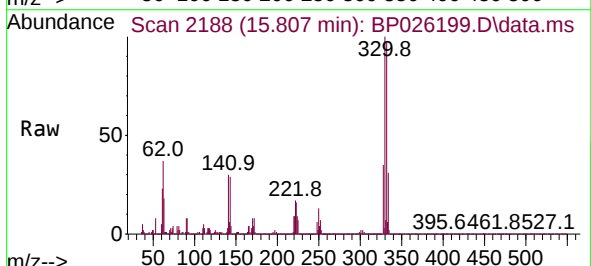
Tgt Ion: 237 Resp: 1225037
Ion Ratio Lower Upper
237 100
235 63.8 43.3 83.3
272 12.8 0.0 32.9

Manual Integrations
APPROVED

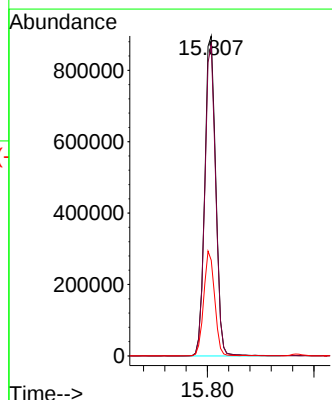
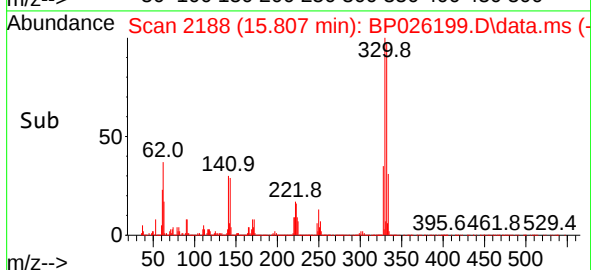
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

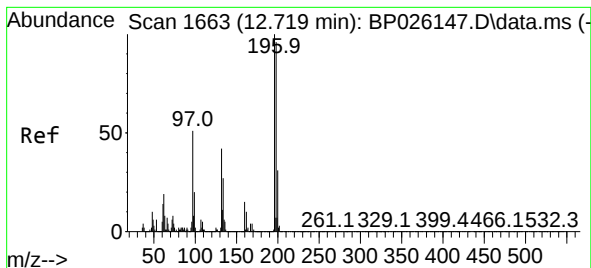


#42
2,4,6-Tribromophenol
Concen: 134.256 ng
RT: 15.807 min Scan# 2188
Delta R.T. -0.029 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31



Tgt Ion: 330 Resp: 1278849
Ion Ratio Lower Upper
330 100
332 96.2 78.0 117.0
141 32.5 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 44.260 ng

RT: 12.701 min Scan# 1660

Delta R.T. -0.023 min

Lab File: BP026199.D

Acq: 01 Dec 2025 15:31

Instrument :

BNA_P

ClientSampleId :

PB170743BS

Tgt Ion:196 Resp: 673703

Ion Ratio Lower Upper

196 100

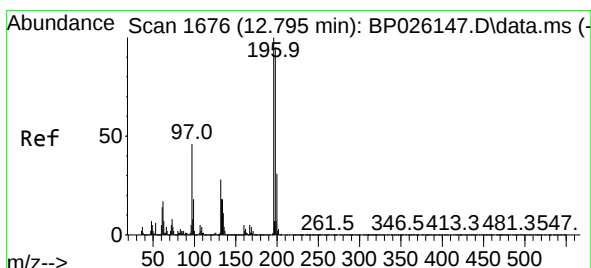
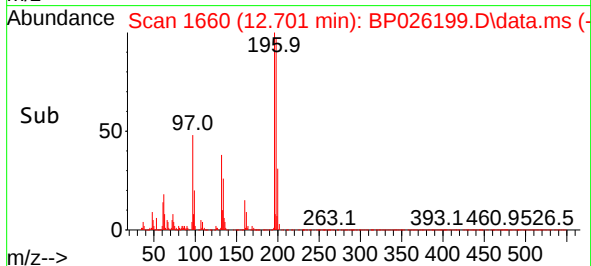
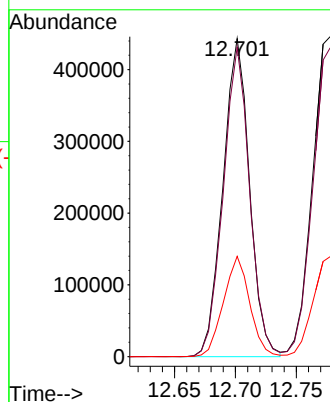
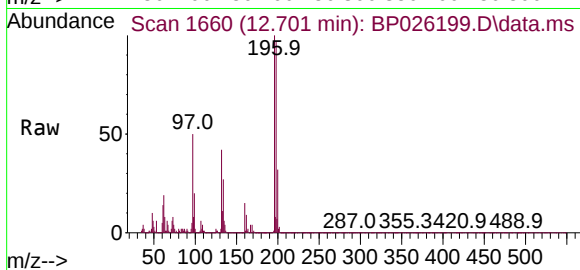
198 97.3 76.9 115.3

200 31.5 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#44

2,4,5-Trichlorophenol

Concen: 45.104 ng

RT: 12.778 min Scan# 1673

Delta R.T. -0.023 min

Lab File: BP026199.D

Acq: 01 Dec 2025 15:31

Tgt Ion:196 Resp: 766352

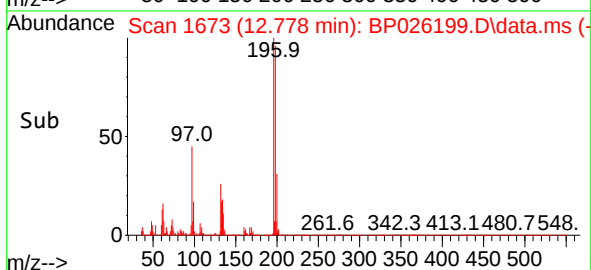
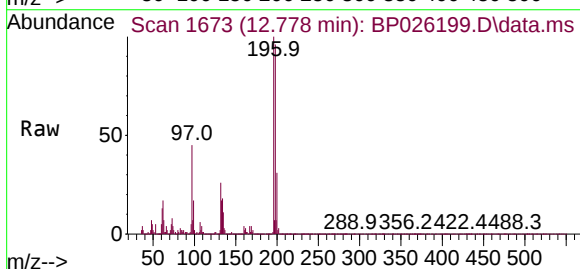
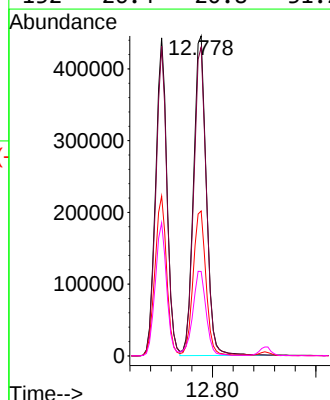
Ion Ratio Lower Upper

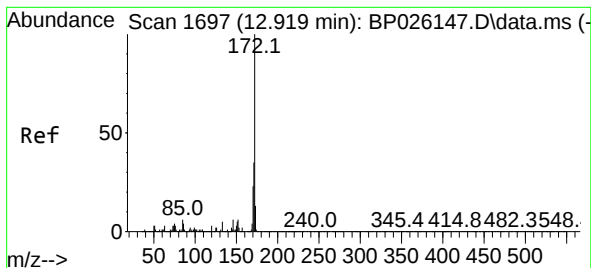
196 100

198 96.5 76.4 114.6

97 45.3 35.7 53.5

132 26.4 20.8 31.2





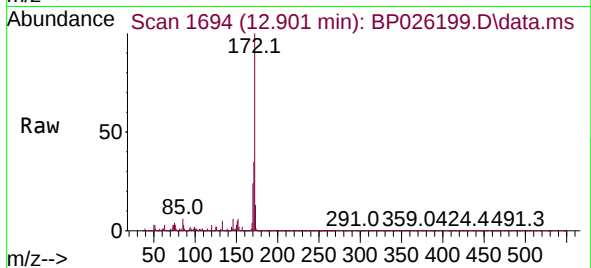
#45
2-Fluorobiphenyl
Concen: 82.019 ng
RT: 12.901 min Scan# 1697
Delta R.T. -0.029 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

Instrument :

BNA_P

ClientSampleId :

PB170743BS

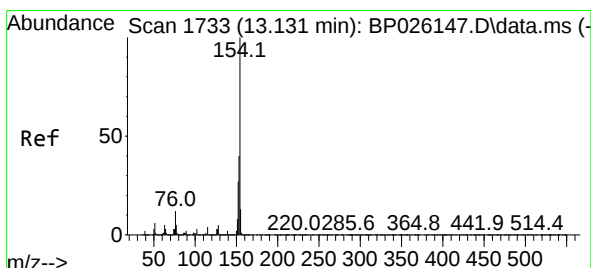
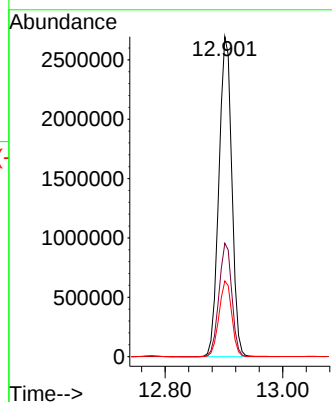
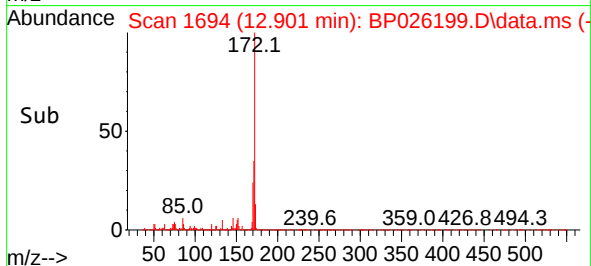


Tgt Ion:172 Resp: 4109264
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.6 18.7 28.1

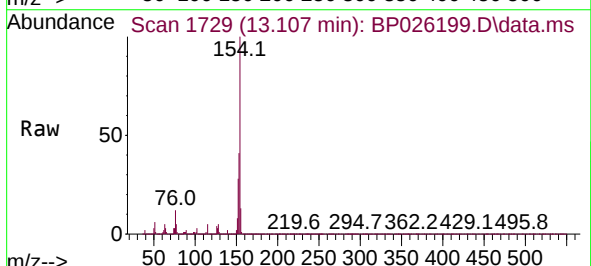
Manual Integrations

APPROVED

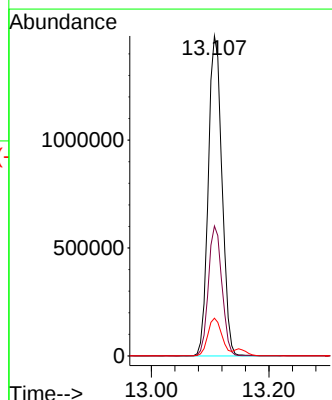
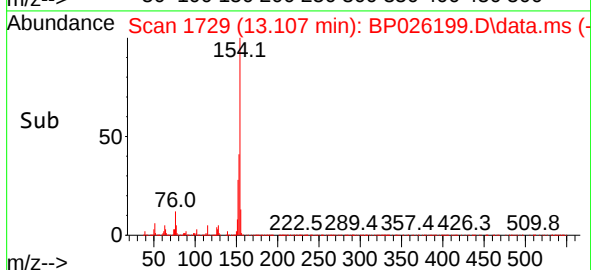
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

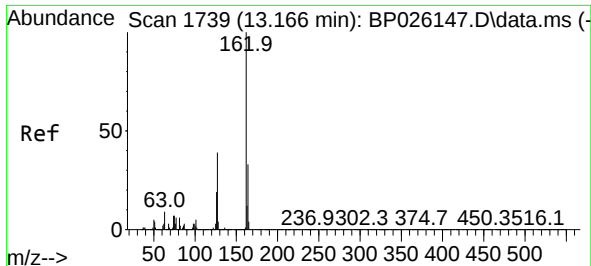


#46
1,1'-Biphenyl
Concen: 43.321 ng
RT: 13.107 min Scan# 1729
Delta R.T. -0.029 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31



Tgt Ion:154 Resp: 2395275
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 11.8 0.0 32.3





#47

2-Chloronaphthalene

Concen: 42.430 ng

RT: 13.148 min Scan# 1739

Delta R.T. -0.035 min

Lab File: BP026199.D

Acq: 01 Dec 2025 15:31

Instrument :

BNA_P

ClientSampleId :

PB170743BS

Tgt Ion:162 Resp: 1844794

Ion Ratio Lower Upper

162 100

127 39.4 30.9 46.3

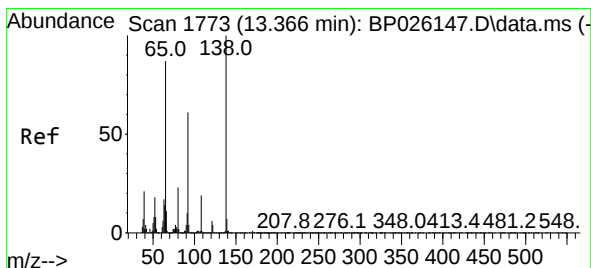
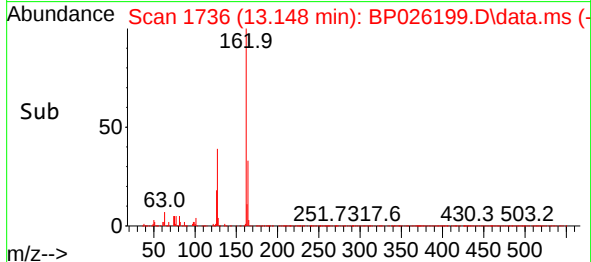
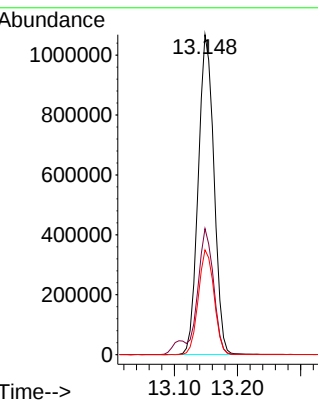
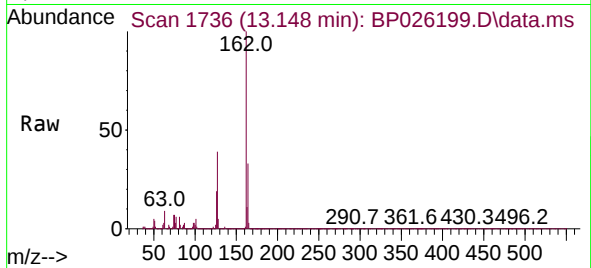
164 32.7 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025

Supervised By :mohammad ahmed 12/03/2025



#48

2-Nitroaniline

Concen: 43.431 ng

RT: 13.348 min Scan# 1770

Delta R.T. -0.029 min

Lab File: BP026199.D

Acq: 01 Dec 2025 15:31

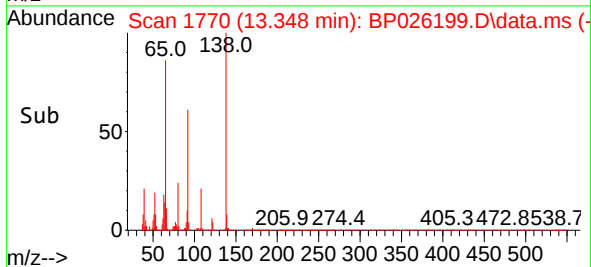
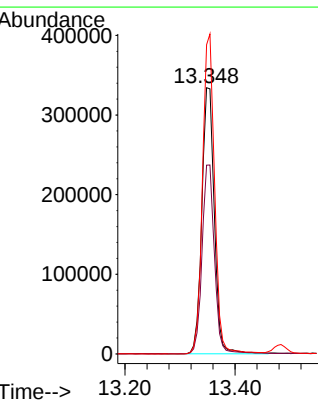
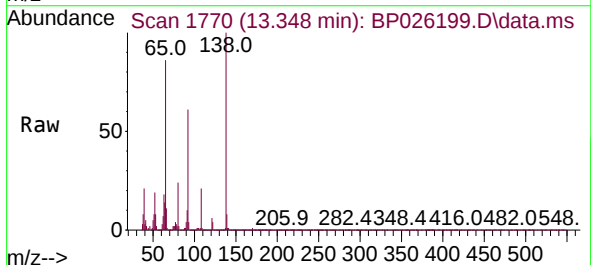
Tgt Ion: 65 Resp: 525109

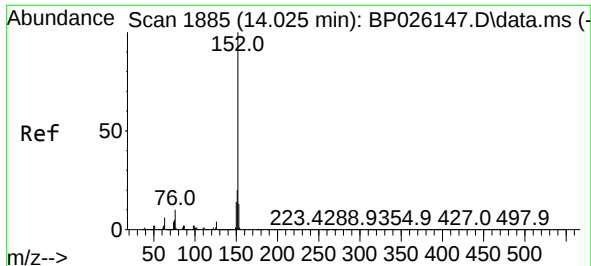
Ion Ratio Lower Upper

65 100

92 70.9 59.1 88.7

138 116.2 96.6 145.0





#49
Acenaphthylene
Concen: 43.670 ng
RT: 14.013 min Scan# 1883
Delta R.T. -0.023 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

Instrument :

BNA_P

ClientSampleId :

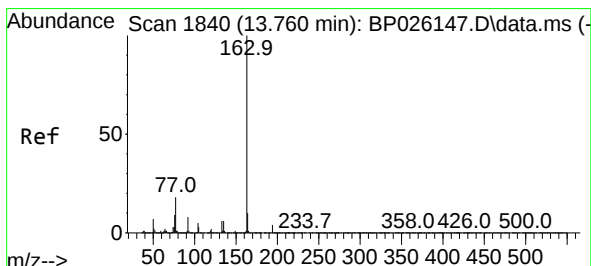
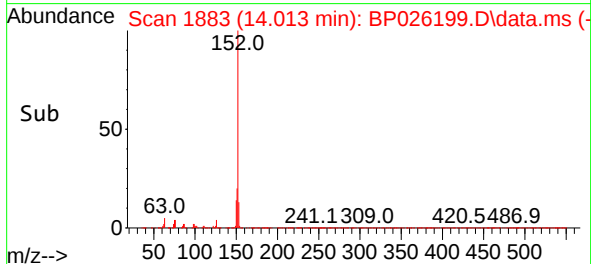
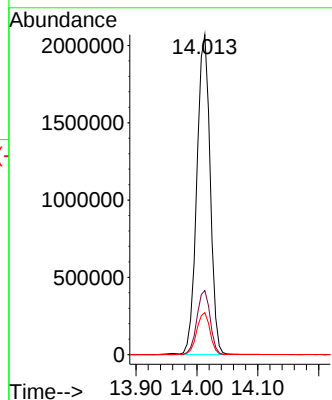
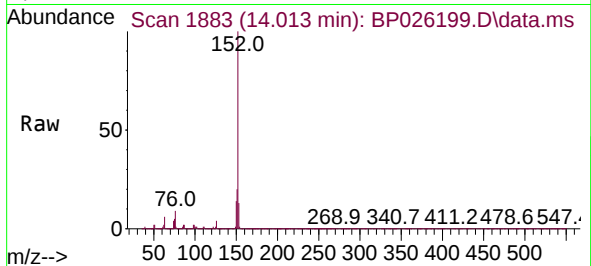
PB170743BS

Tgt Ion:152 Resp: 3131869
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.1 10.6 16.0

Manual Integrations

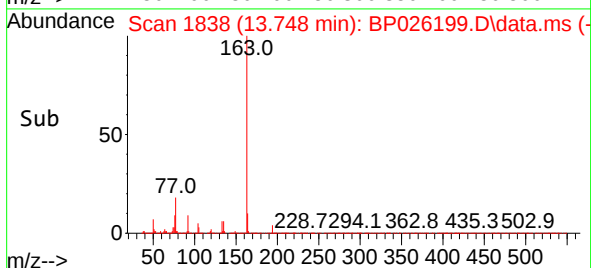
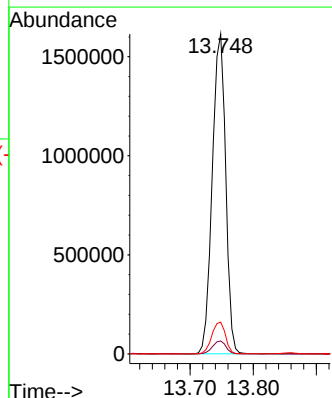
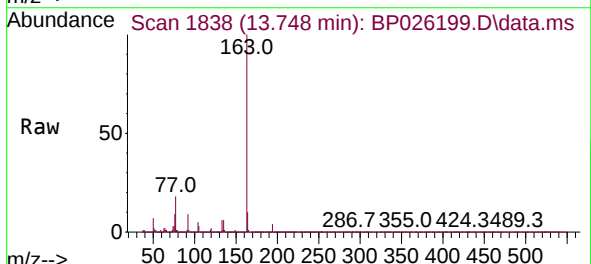
APPROVED

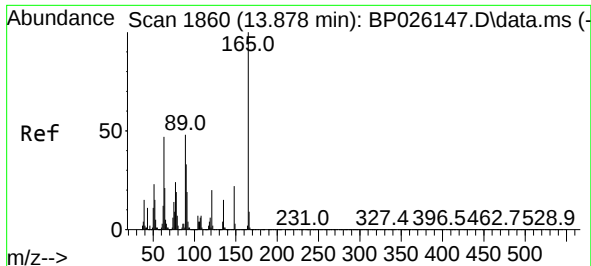
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#50
Dimethylphthalate
Concen: 43.472 ng
RT: 13.748 min Scan# 1838
Delta R.T. -0.023 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

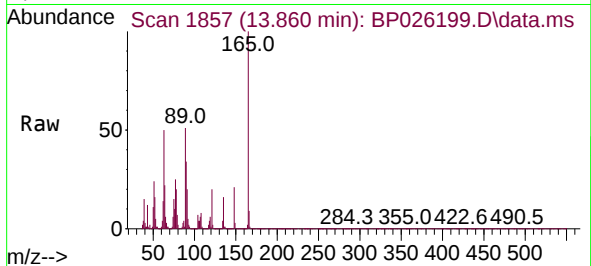
Tgt Ion:163 Resp: 2384161
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 48.768 ng
RT: 13.860 min Scan# 1860
Delta R.T. -0.023 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

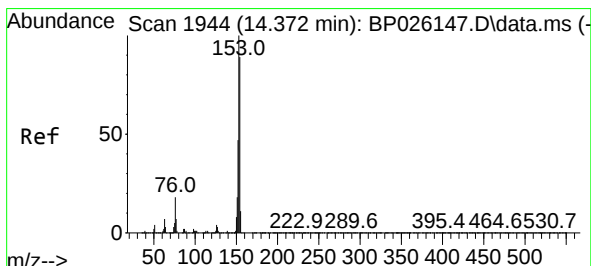
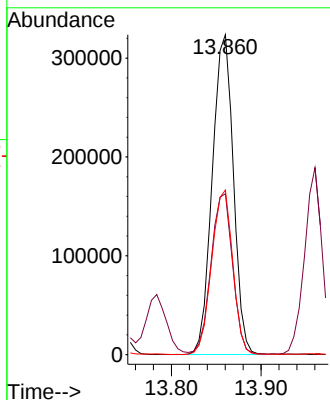
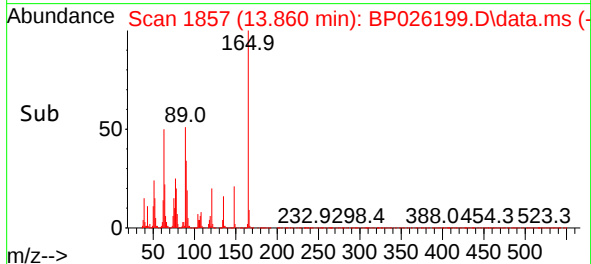
Instrument :
BNA_P
ClientSampleId :
PB170743BS



Tgt Ion:165 Resp: 529963
Ion Ratio Lower Upper
165 100
63 50.3 40.5 60.7
89 51.4 41.3 61.9

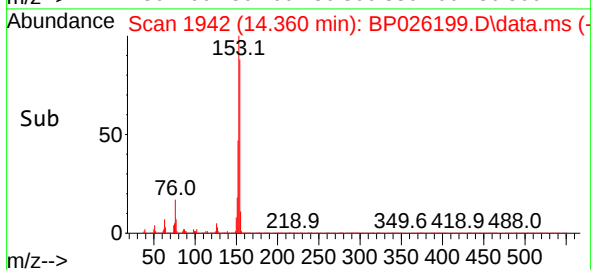
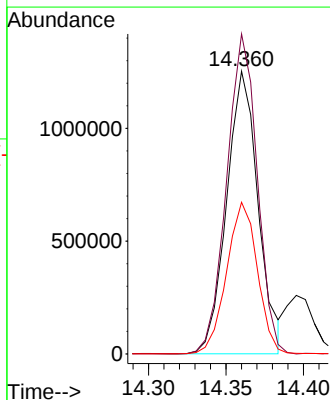
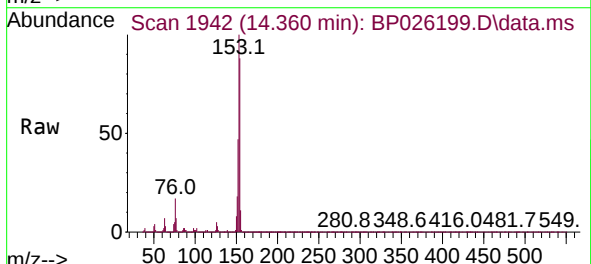
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#52
Acenaphthene
Concen: 42.210 ng
RT: 14.360 min Scan# 1942
Delta R.T. -0.023 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

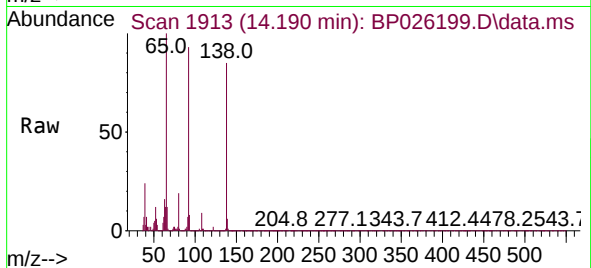
Tgt Ion:154 Resp: 1774018
Ion Ratio Lower Upper
154 100
153 113.2 90.7 136.1
152 53.6 42.8 64.2





#53
3-Nitroaniline
Concen: 27.911 ng
RT: 14.190 min Scan# 1916
Delta R.T. -0.029 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

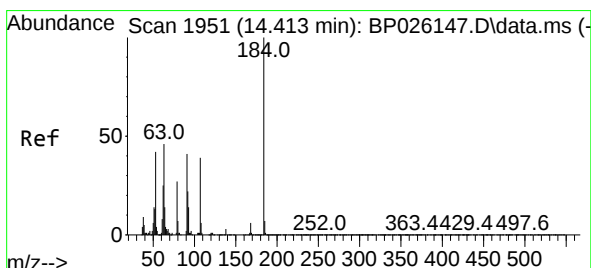
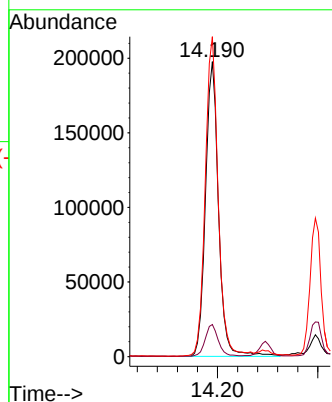
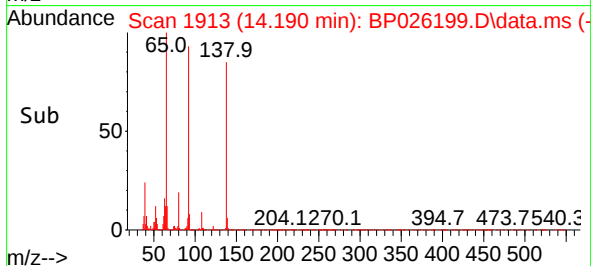
Instrument :
BNA_P
ClientSampleId :
PB170743BS



Tgt Ion:138 Resp: 357119
Ion Ratio Lower Upper
138 100
108 10.9 8.9 13.3
92 108.5 86.3 129.5

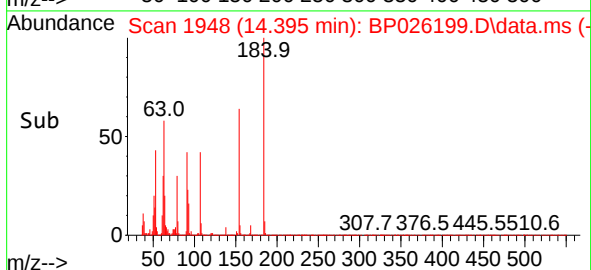
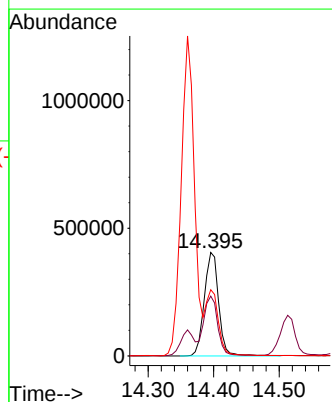
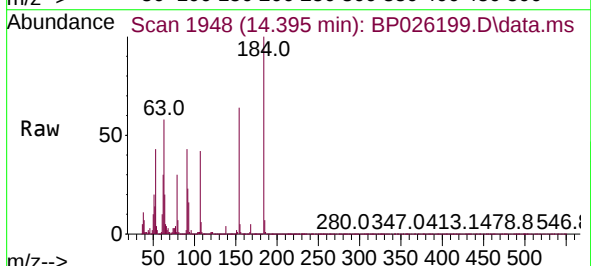
Manual Integrations
APPROVED

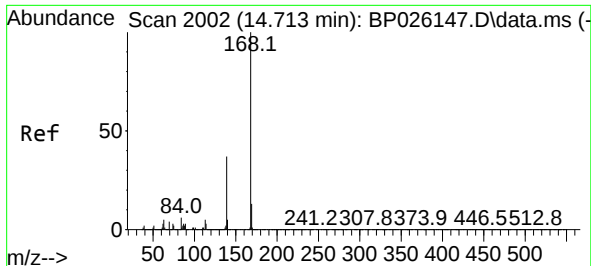
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#54
2,4-Dinitrophenol
Concen: 93.540 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.035 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

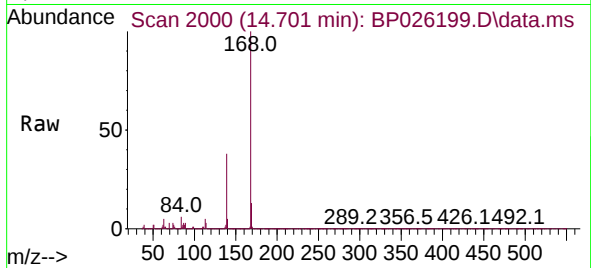
Tgt Ion:184 Resp: 613604
Ion Ratio Lower Upper
184 100
63 57.8 43.1 64.7
154 64.0 49.5 74.3





#55
Dibenzofuran
Concen: 43.609 ng
RT: 14.701 min Scan# 2000
Delta R.T. -0.023 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

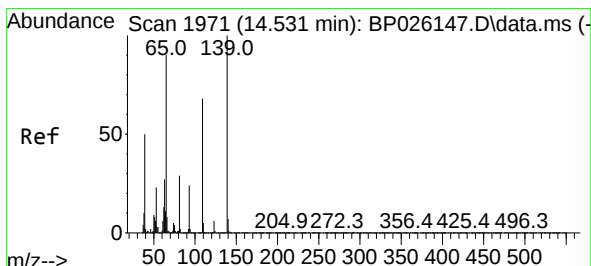
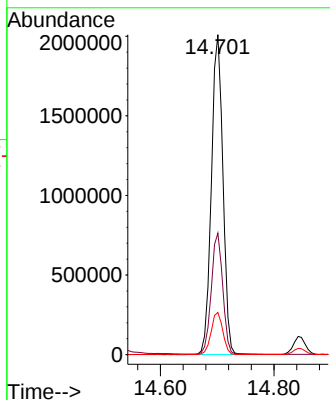
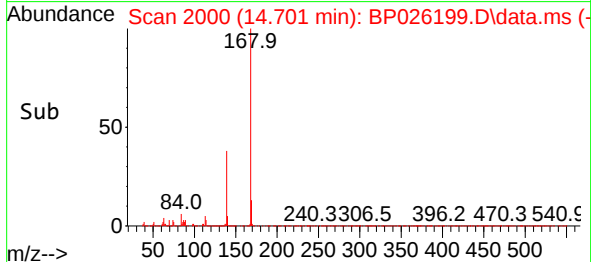
Instrument :
BNA_P
ClientSampleId :
PB170743BS



Tgt Ion:168 Resp: 283877
Ion Ratio Lower Upper
168 100
139 38.0 29.8 44.6
169 13.2 10.9 16.3

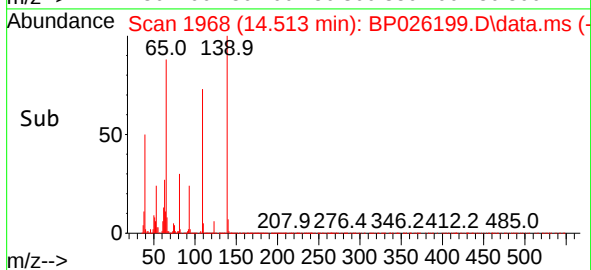
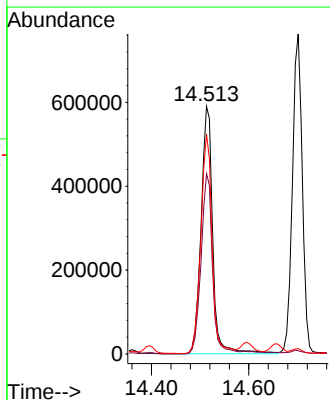
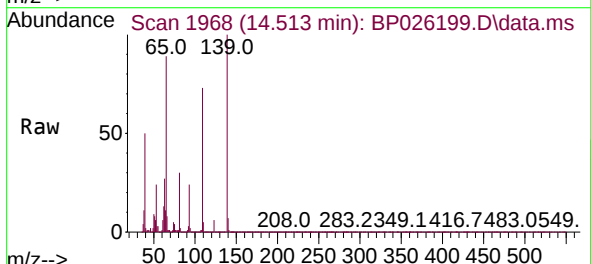
Manual Integrations
APPROVED

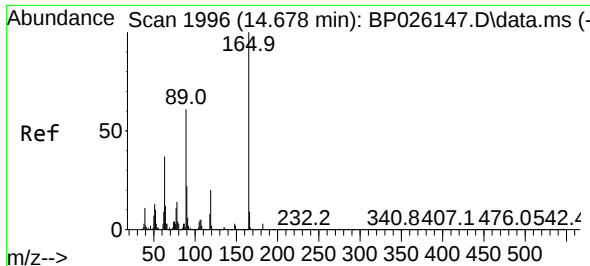
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#56
4-Nitrophenol
Concen: 84.796 ng
RT: 14.513 min Scan# 1968
Delta R.T. -0.029 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

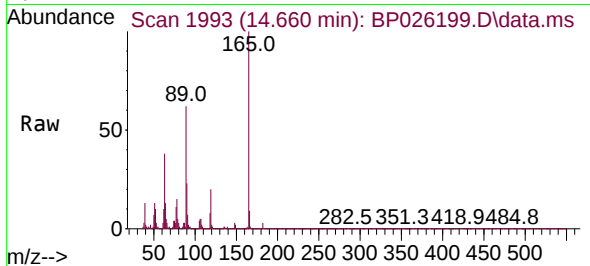
Tgt Ion:139 Resp: 981518
Ion Ratio Lower Upper
139 100
109 72.8 46.8 86.8
65 88.6 69.3 109.3





#57
2,4-Dinitrotoluene
Concen: 46.660 ng
RT: 14.660 min Scan# 1996
Delta R.T. -0.029 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

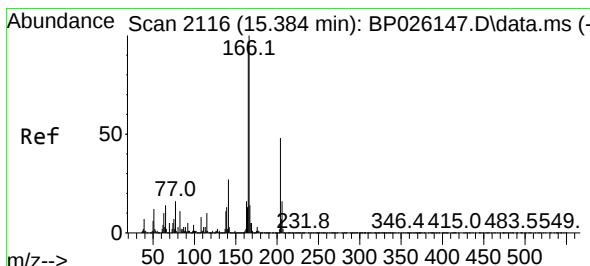
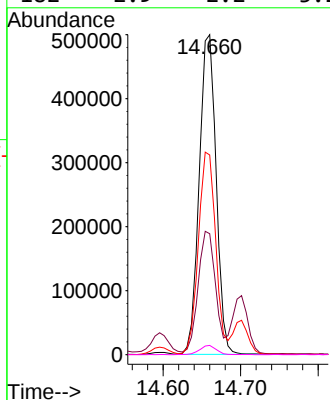
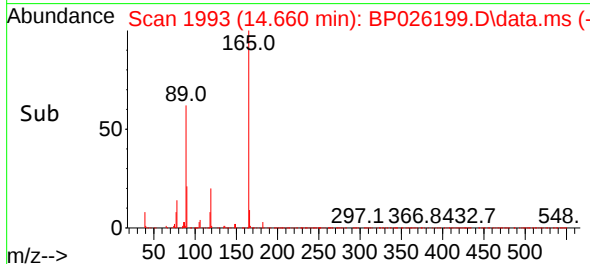
Instrument :
BNA_P
ClientSampleId :
PB170743BS



Tgt Ion:165 Resp: 757097
Ion Ratio Lower Upper
165 100
63 37.8 31.0 46.6
89 62.4 51.7 77.5
182 2.9 2.2 3.2

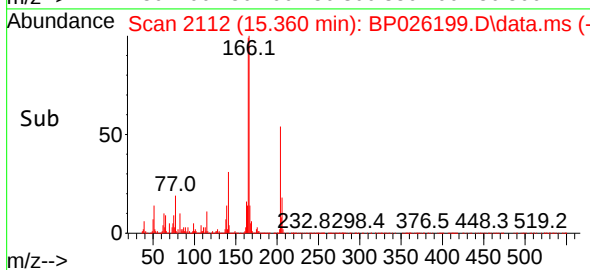
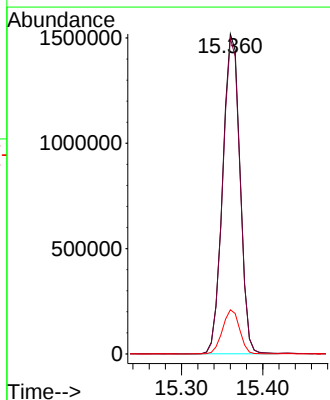
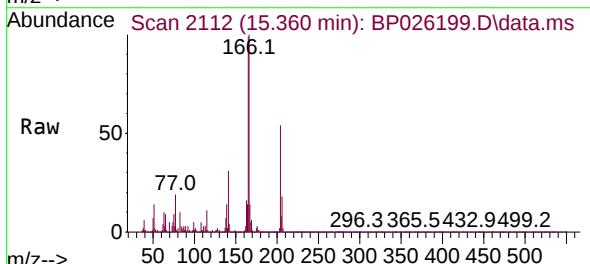
Manual Integrations
APPROVED

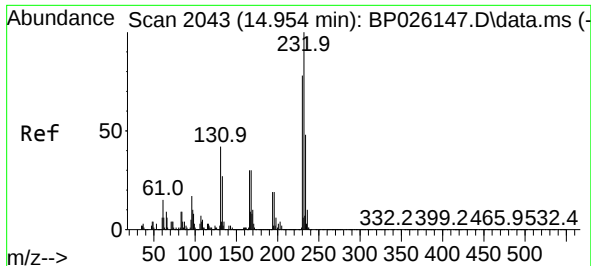
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#58
Fluorene
Concen: 43.619 ng
RT: 15.360 min Scan# 2112
Delta R.T. -0.029 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

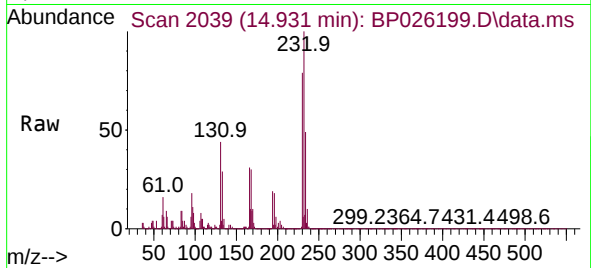
Tgt Ion:166 Resp: 2244320
Ion Ratio Lower Upper
166 100
165 98.6 77.9 116.9
167 13.8 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.027 ng
RT: 14.931 min Scan# 2043
Delta R.T. -0.029 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

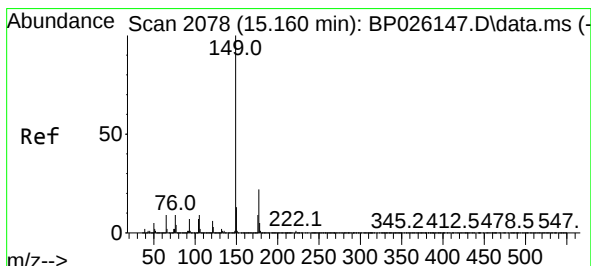
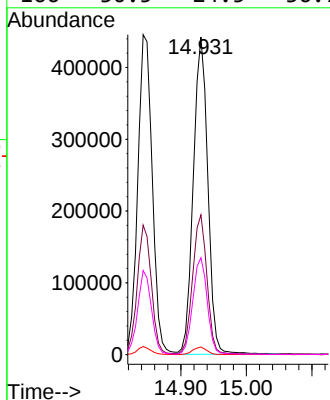
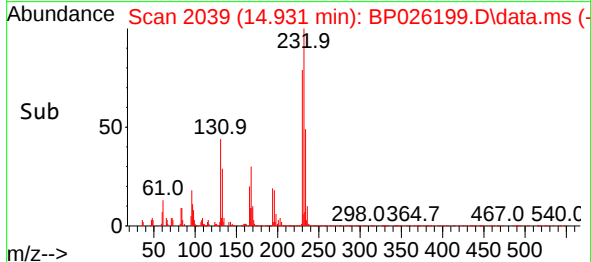
Instrument :
BNA_P
ClientSampleId :
PB170743BS



Tgt Ion:232 Resp: 677865
Ion Ratio Lower Upper
232 100
131 43.7 34.8 52.2
130 2.3 1.8 2.8
166 30.5 24.5 36.7

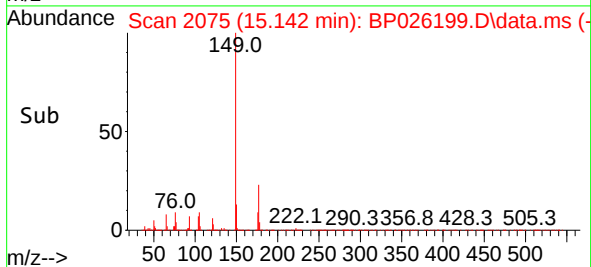
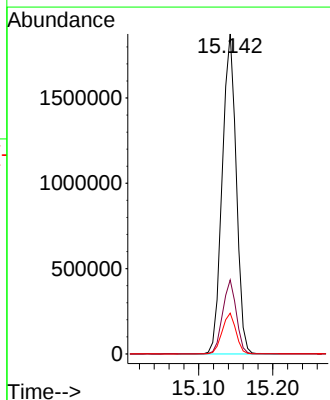
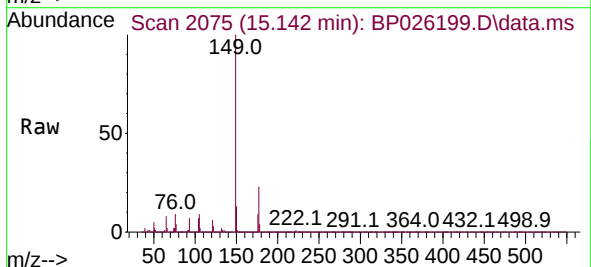
Manual Integrations
APPROVED

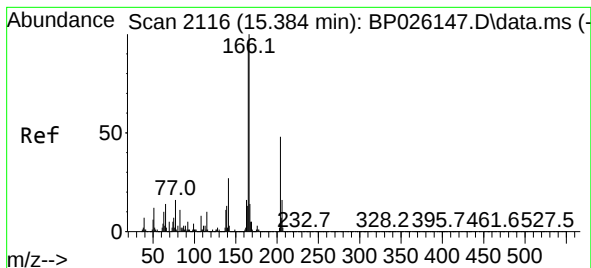
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#60
Diethylphthalate
Concen: 44.451 ng
RT: 15.142 min Scan# 2075
Delta R.T. -0.029 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

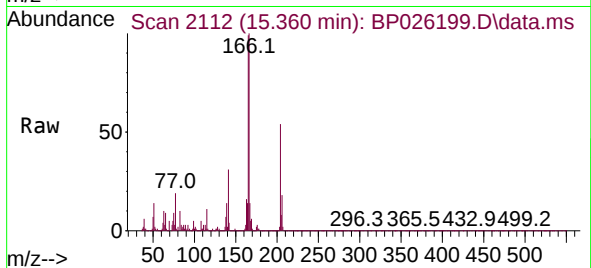
Tgt Ion:149 Resp: 2455821
Ion Ratio Lower Upper
149 100
177 23.1 17.9 26.9
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 43.883 ng
RT: 15.360 min Scan# 2115
Delta R.T. -0.029 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

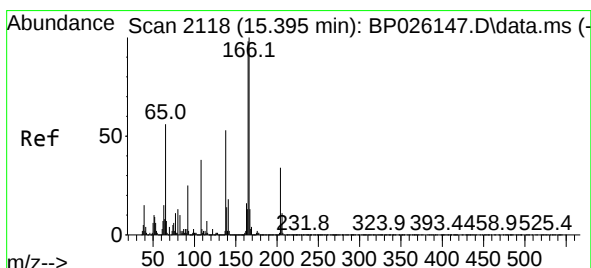
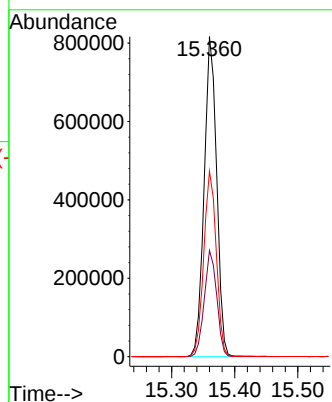
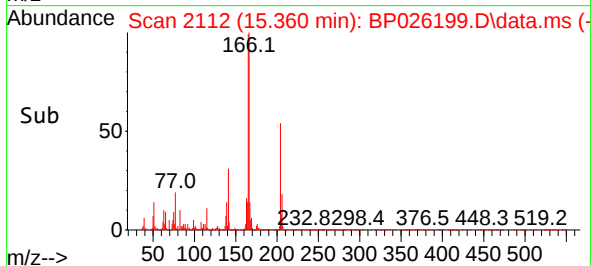
Instrument :
BNA_P
ClientSampleId :
PB170743BS



Tgt Ion:204 Resp: 1123438
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 58.0 48.1 72.1

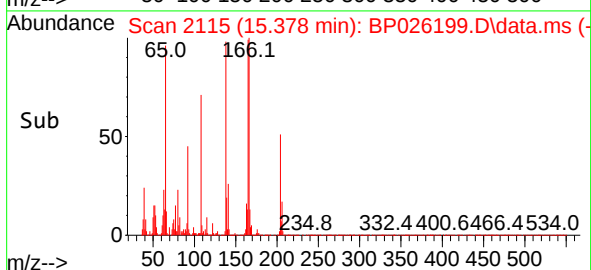
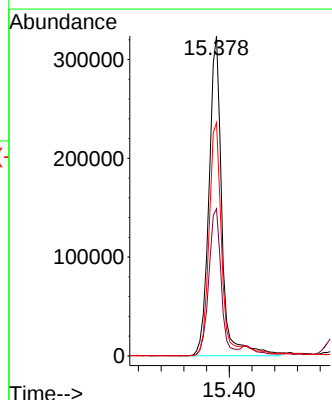
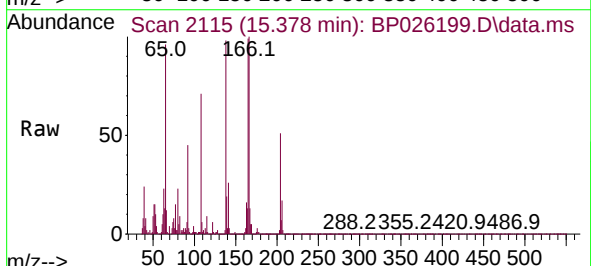
Manual Integrations
APPROVED

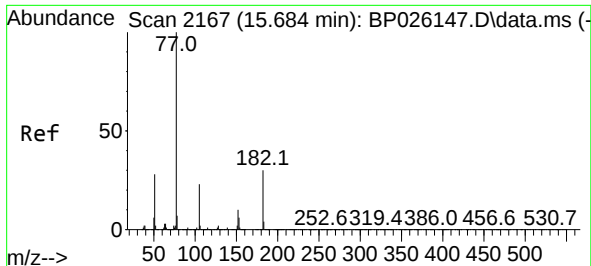
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#62
4-Nitroaniline
Concen: 38.554 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.023 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

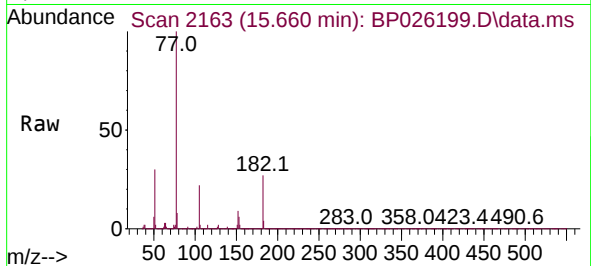
Tgt Ion:138 Resp: 512245
Ion Ratio Lower Upper
138 100
92 46.0 27.5 67.5
108 72.9 51.1 91.1





#63
Azobenzene
Concen: 45.374 ng
RT: 15.660 min Scan# 2113694
Delta R.T. -0.029 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

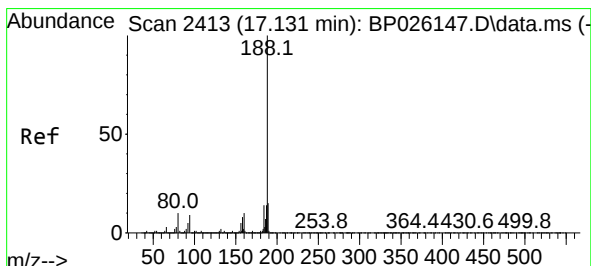
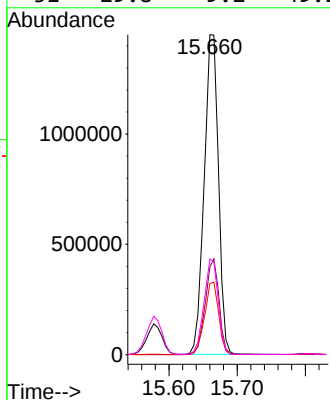
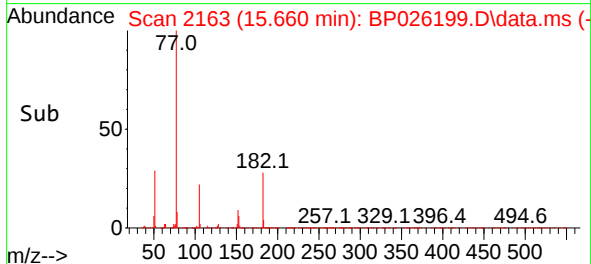
Instrument :
BNA_P
ClientSampleId :
PB170743BS



Tgt Ion: 77 Resp: 2113694
Ion Ratio Lower Upper
77 100
182 27.4 8.8 48.8
105 22.2 2.6 42.6
51 29.8 9.2 49.2

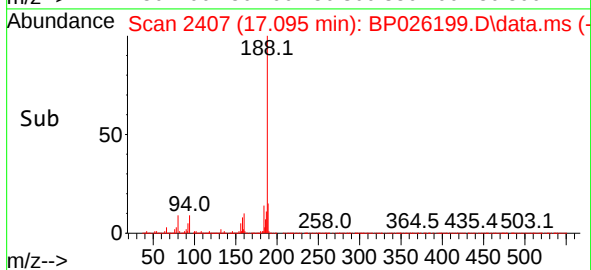
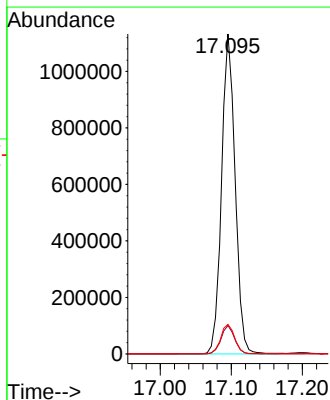
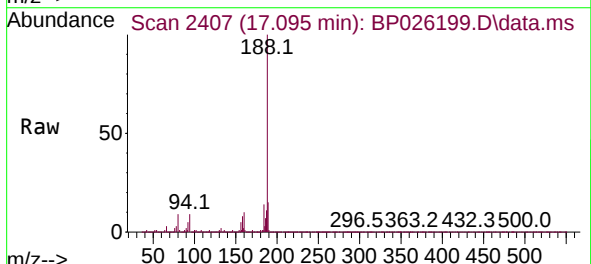
Manual Integrations
APPROVED

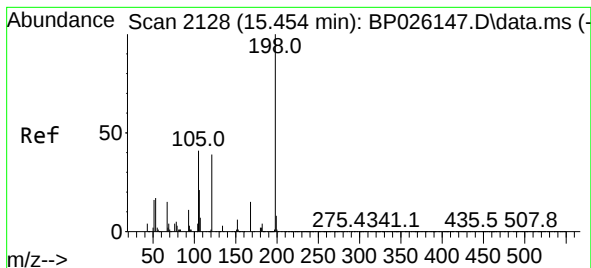
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.095 min Scan# 2407
Delta R.T. -0.035 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

Tgt Ion:188 Resp: 1505615
Ion Ratio Lower Upper
188 100
94 8.9 7.8 11.6
80 9.2 8.2 12.2





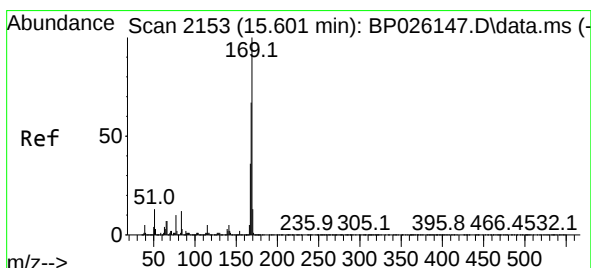
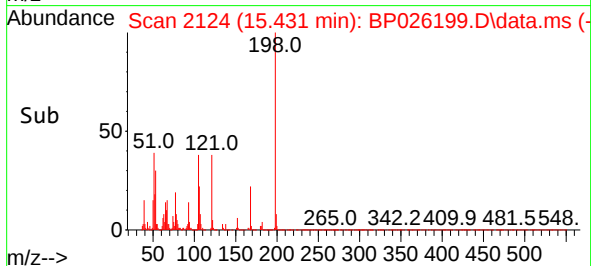
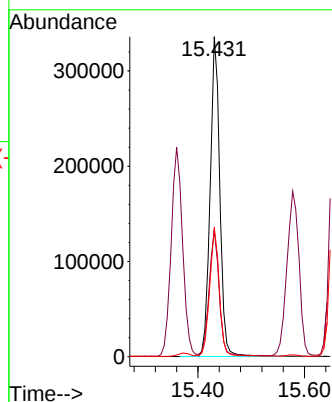
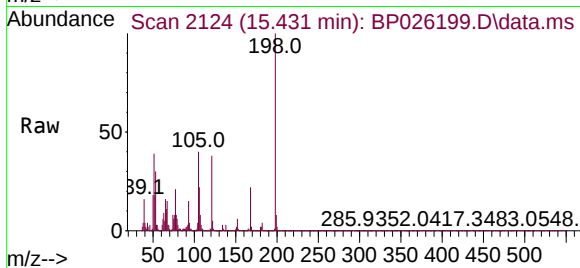
#65
4,6-Dinitro-2-methylphenol
Concen: 44.394 ng
RT: 15.431 min Scan# 2119
Delta R.T. -0.035 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

Instrument :
BNA_P
ClientSampleId :
PB170743BS

Tgt Ion:198 Resp: 424630
Ion Ratio Lower Upper
198 100
51 39.5 18.4 58.4
105 40.4 18.5 58.5

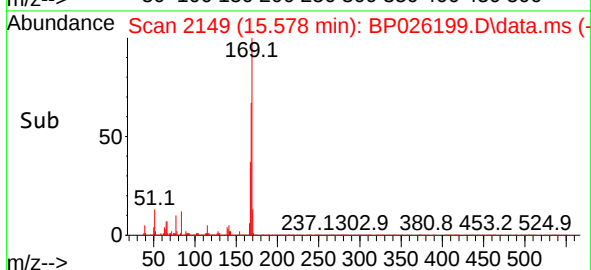
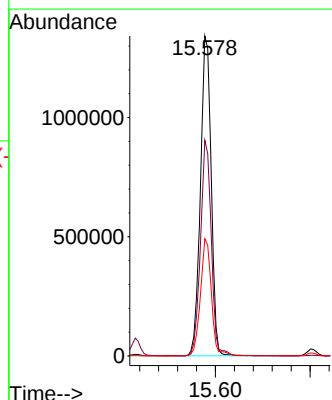
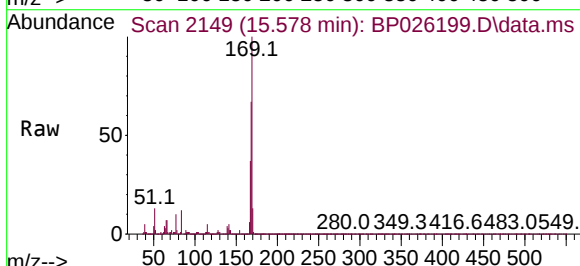
Manual Integrations
APPROVED

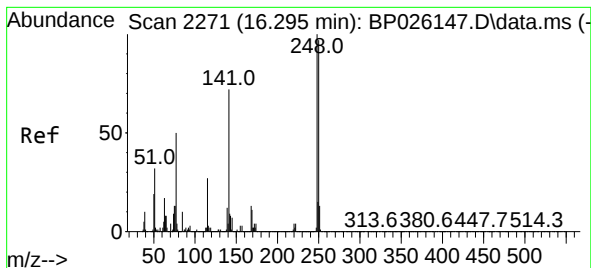
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#66
n-Nitrosodiphenylamine
Concen: 45.446 ng
RT: 15.578 min Scan# 2149
Delta R.T. -0.029 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

Tgt Ion:169 Resp: 2116622
Ion Ratio Lower Upper
169 100
168 67.4 53.1 79.7
167 36.6 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 45.179 ng
RT: 16.272 min Scan# 2271
Delta R.T. -0.035 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

Instrument :

BNA_P

ClientSampleId :

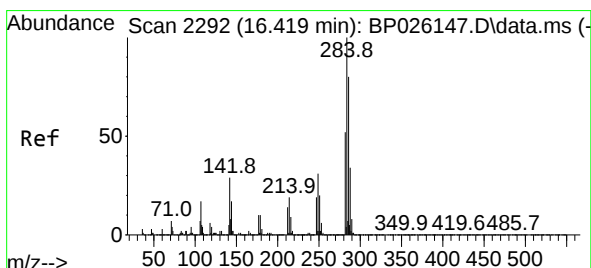
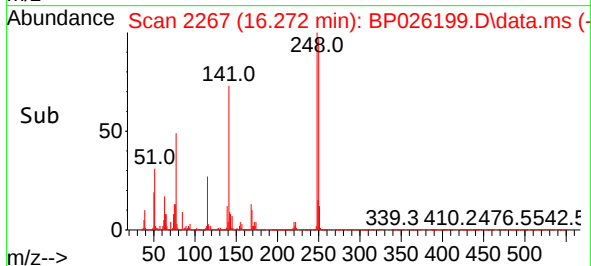
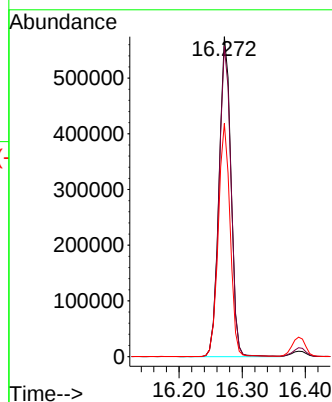
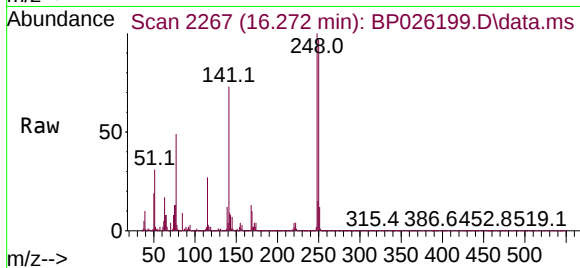
PB170743BS

Tgt Ion:248 Resp: 753332
Ion Ratio Lower Upper
248 100
250 96.9 77.8 116.6
141 72.9 55.4 83.0

Manual Integrations

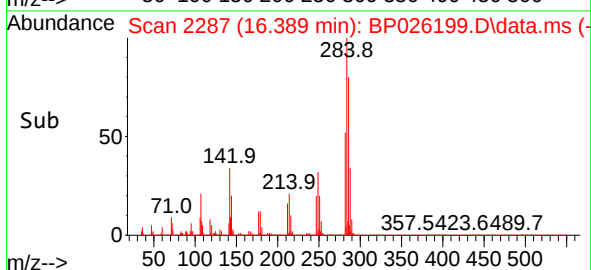
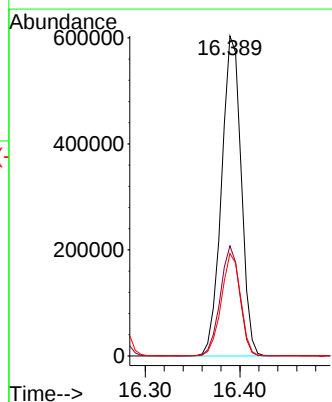
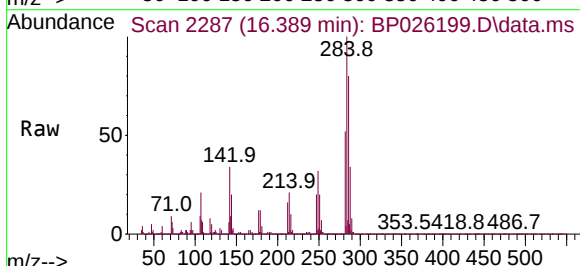
APPROVED

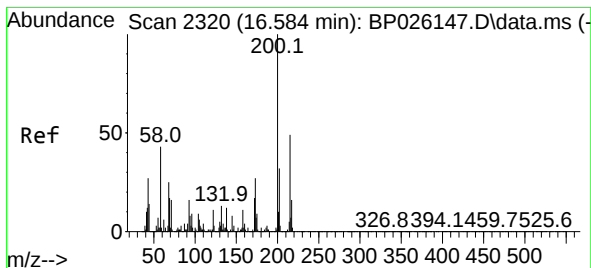
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#68
Hexachlorobenzene
Concen: 44.866 ng
RT: 16.389 min Scan# 2287
Delta R.T. -0.035 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

Tgt Ion:284 Resp: 868093
Ion Ratio Lower Upper
284 100
142 34.4 28.0 42.0
249 32.0 25.0 37.4





#69

Atrazine

Concen: 45.669 ng

RT: 16.560 min Scan# 2316

Delta R.T. -0.029 min

Lab File: BP026199.D

Acq: 01 Dec 2025 15:31

Instrument :

BNA_P

ClientSampleId :

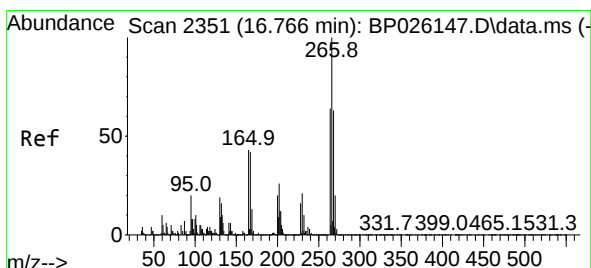
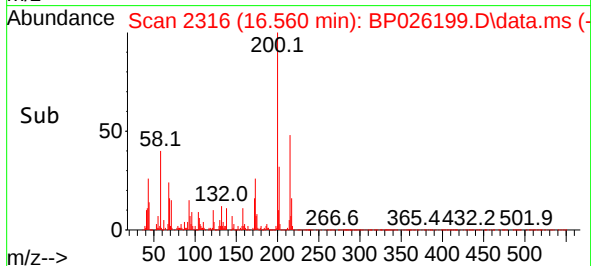
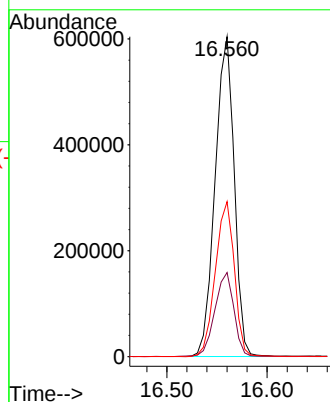
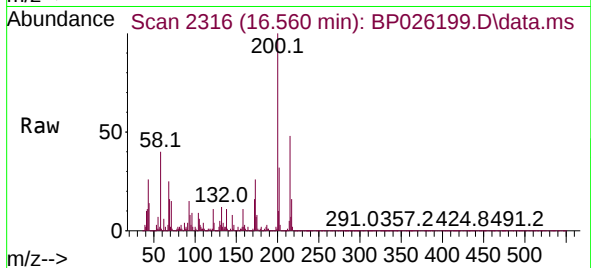
PB170743BS

Tgt Ion:200	Resp: 802079
Ion Ratio	Lower Upper
200 100	
173 26.3	6.7 46.7
215 48.4	27.4 67.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#70

Pentachlorophenol

Concen: 88.338 ng

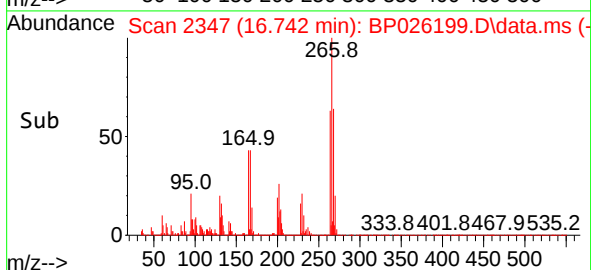
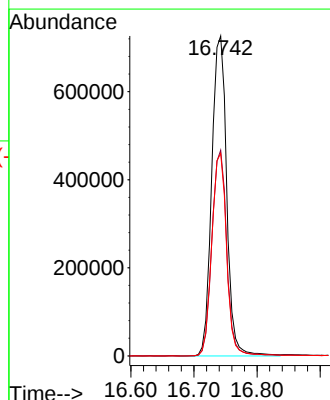
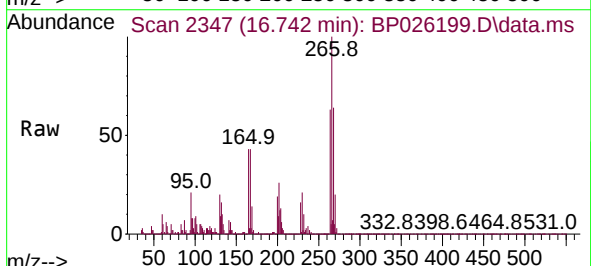
RT: 16.742 min Scan# 2347

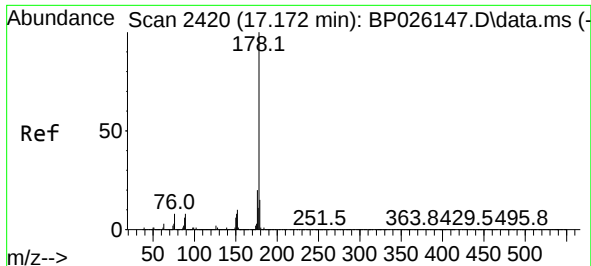
Delta R.T. -0.035 min

Lab File: BP026199.D

Acq: 01 Dec 2025 15:31

Tgt Ion:266	Resp: 1195612
Ion Ratio	Lower Upper
266 100	
268 64.3	51.0 76.4
264 63.3	50.2 75.2





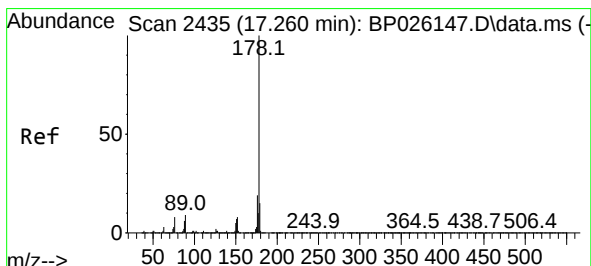
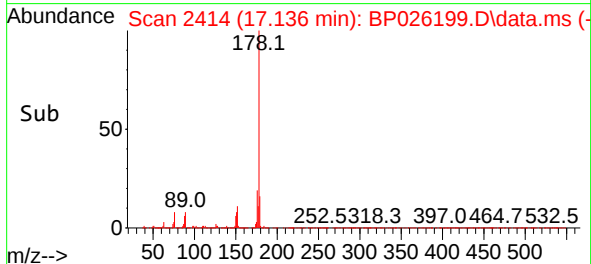
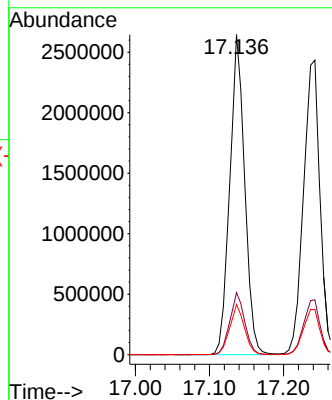
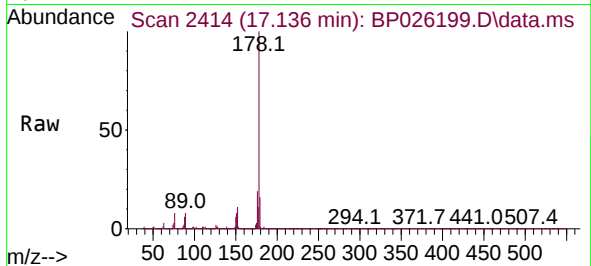
#71
Phenanthrene
Concen: 43.714 ng
RT: 17.136 min Scan# 2414
Delta R.T. -0.041 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

Instrument :
BNA_P
ClientSampleId :
PB170743BS

Tgt Ion:178 Resp: 3707591
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.7 12.4 18.6

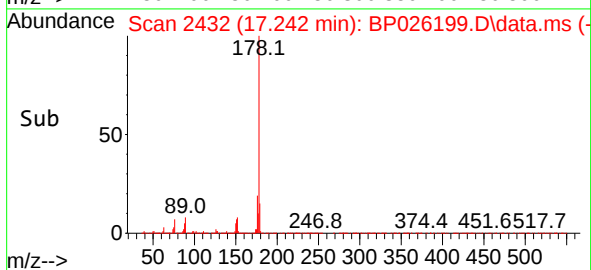
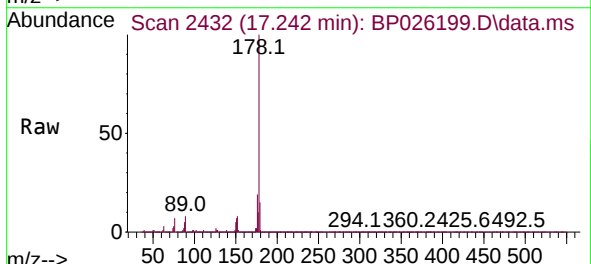
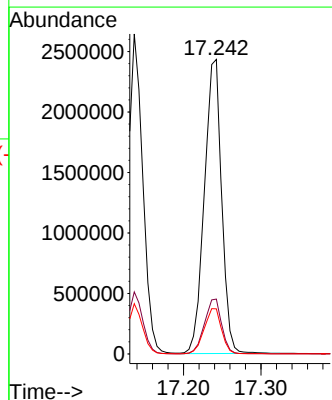
Manual Integrations
APPROVED

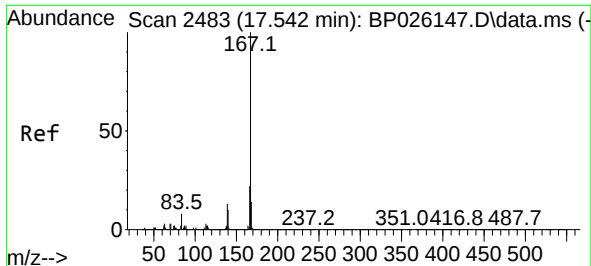
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#72
Anthracene
Concen: 43.541 ng
RT: 17.242 min Scan# 2432
Delta R.T. -0.029 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

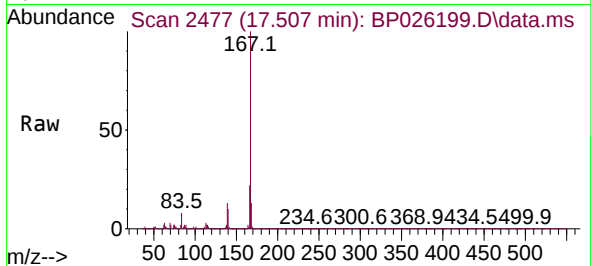
Tgt Ion:178 Resp: 3766563
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.3 12.2 18.4





#73
 Carbazole
 Concen: 42.525 ng
 RT: 17.507 min Scan# 2483
 Delta R.T. -0.035 min
 Lab File: BP026199.D
 Acq: 01 Dec 2025 15:31

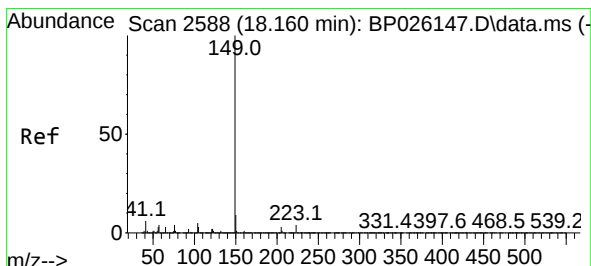
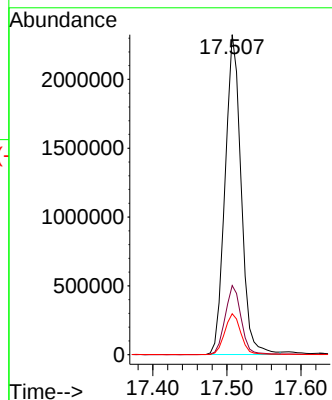
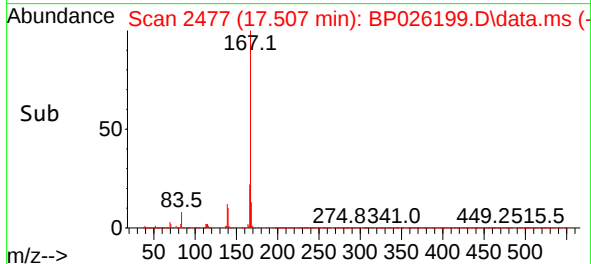
Instrument :
 BNA_P
 ClientSampleId :
 PB170743BS



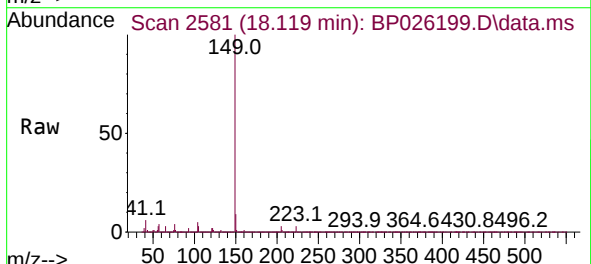
Tgt Ion:167 Resp: 3493979
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 12.8 10.2 15.4

Manual Integrations
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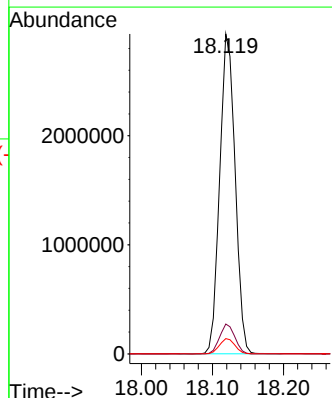
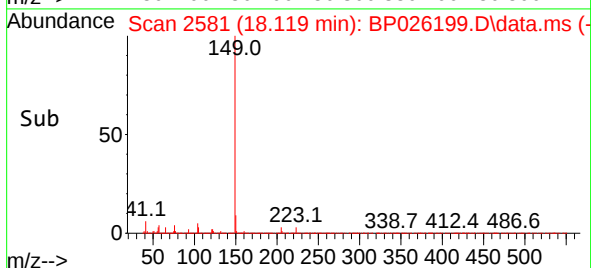
Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

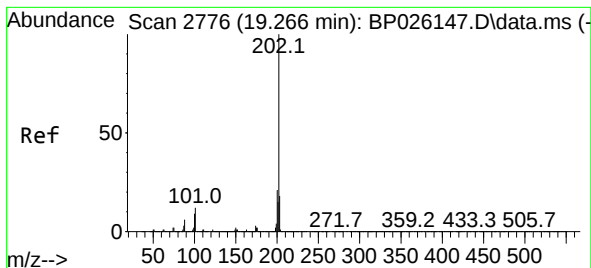


#74
 Di-n-butylphthalate
 Concen: 45.542 ng
 RT: 18.119 min Scan# 2581
 Delta R.T. -0.041 min
 Lab File: BP026199.D
 Acq: 01 Dec 2025 15:31



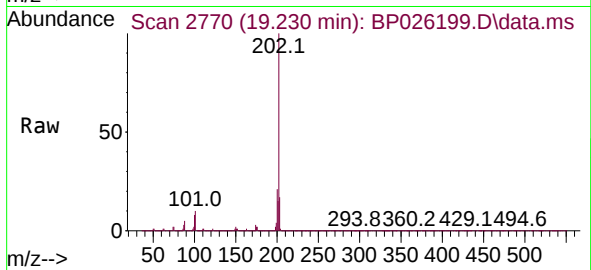
Tgt Ion:149 Resp: 4436089
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.8 3.6 5.4





#75
Fluoranthene
Concen: 43.379 ng
RT: 19.230 min Scan# 21
Delta R.T. -0.035 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

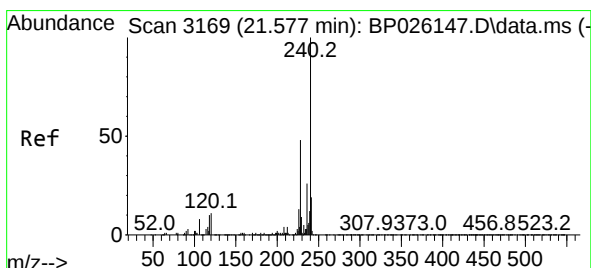
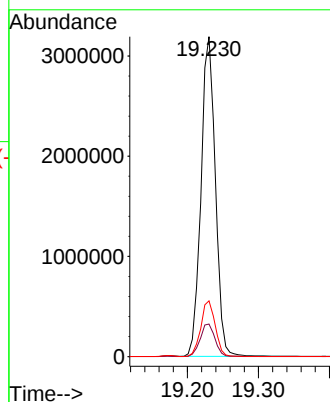
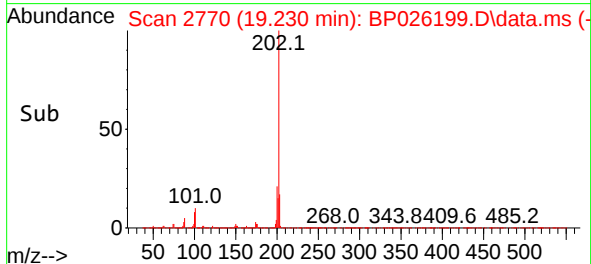
Instrument :
BNA_P
ClientSampleId :
PB170743BS



Tgt Ion:202 Resp: 4470230
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.2
203 17.4 0.0 37.7

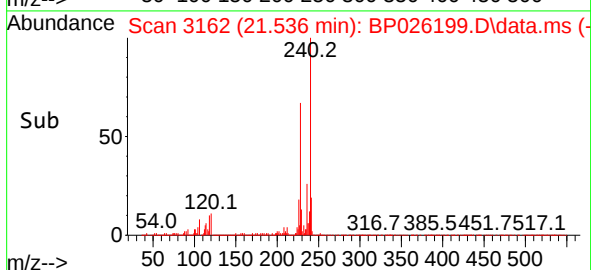
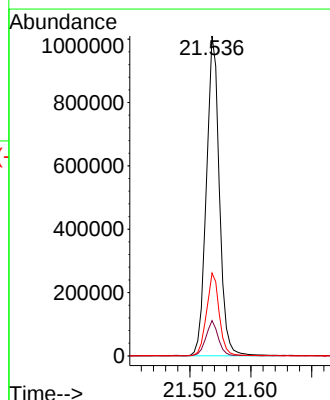
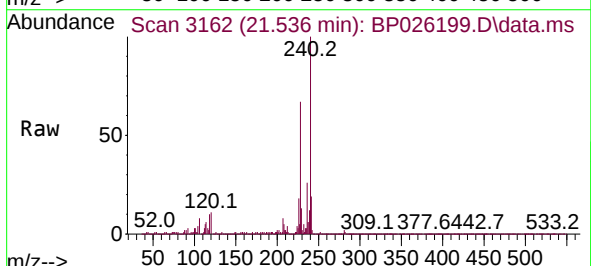
Manual Integrations
APPROVED

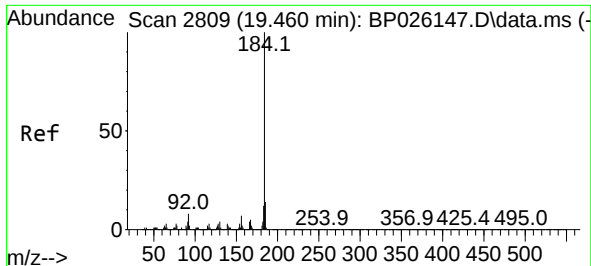
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.035 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

Tgt Ion:240 Resp: 1495582
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 25.9 20.4 30.6





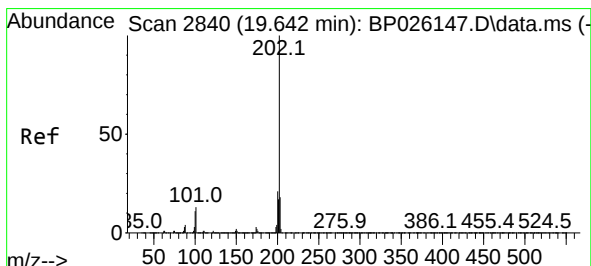
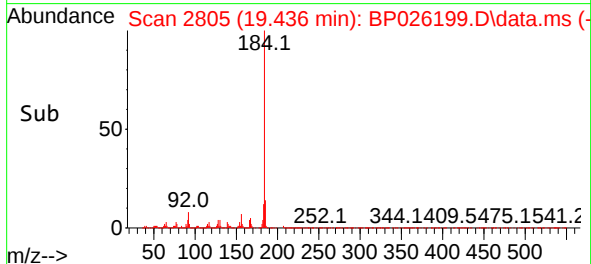
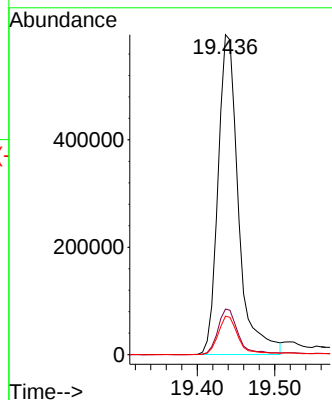
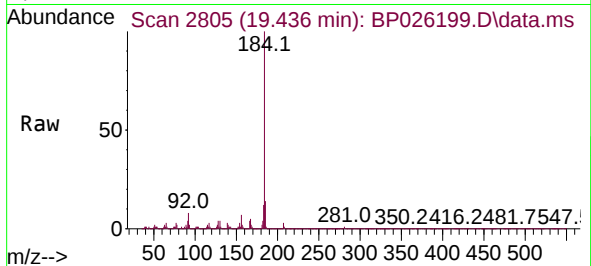
#77
Benzidine
Concen: 23.080 ng
RT: 19.436 min Scan# 2805
Delta R.T. -0.029 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

Instrument :
BNA_P
ClientSampleId :
PB170743BS

Tgt Ion:184 Resp: 1095465
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 12.0 9.0 13.6

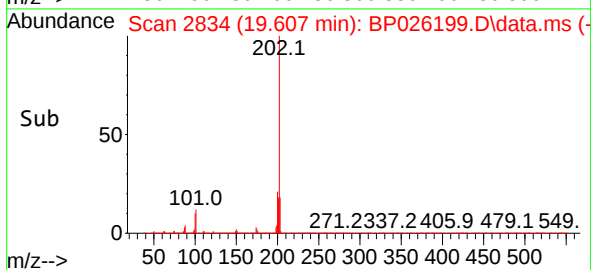
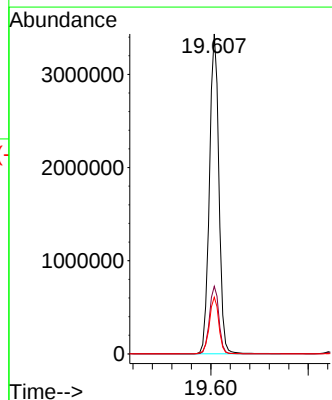
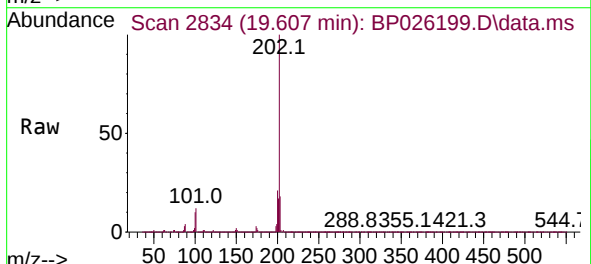
Manual Integrations
APPROVED

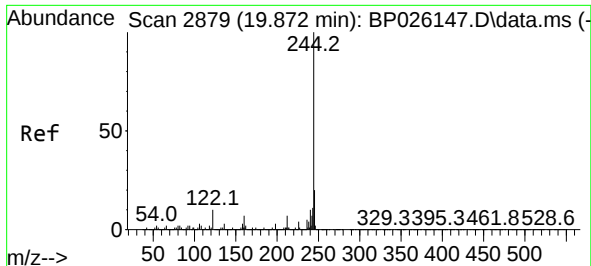
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#78
Pyrene
Concen: 47.558 ng
RT: 19.607 min Scan# 2834
Delta R.T. -0.035 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

Tgt Ion:202 Resp: 4663667
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.7 13.8 20.8





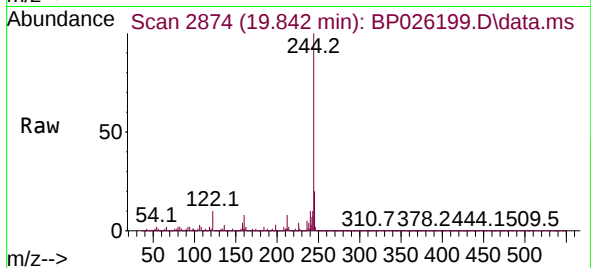
#79
Terphenyl-d14
Concen: 89.626 ng
RT: 19.842 min Scan# 2879
Delta R.T. -0.029 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

Instrument :

BNA_P

ClientSampleId :

PB170743BS

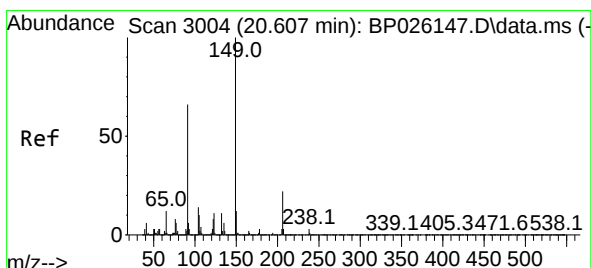
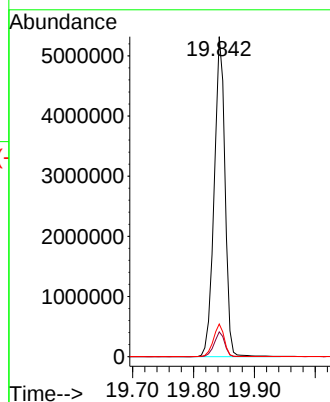
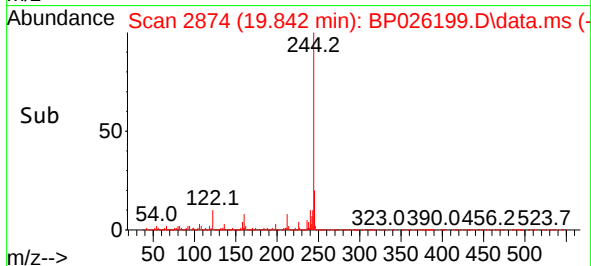


Tgt Ion:244 Resp: 657380
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.8
122 10.2 8.2 12.2

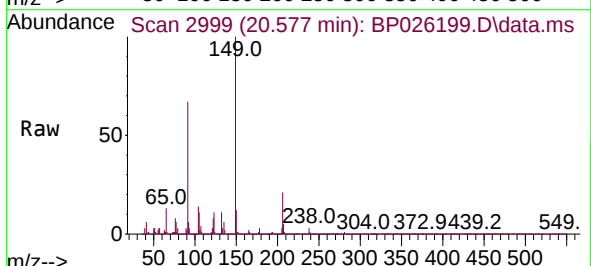
Manual Integrations

APPROVED

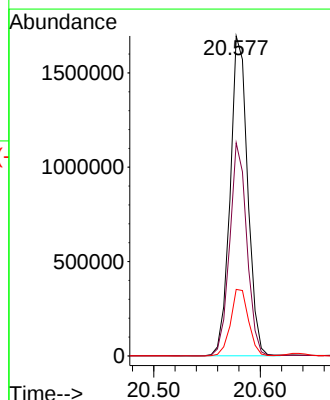
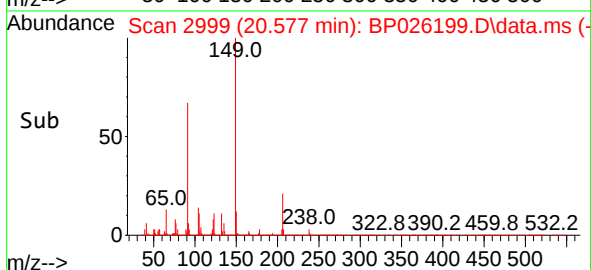
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

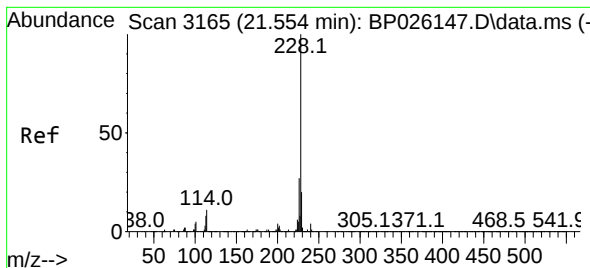


#80
Butylbenzylphthalate
Concen: 44.809 ng
RT: 20.577 min Scan# 2999
Delta R.T. -0.029 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31



Tgt Ion:149 Resp: 1935080
Ion Ratio Lower Upper
149 100
91 66.6 52.6 79.0
206 20.8 16.9 25.3





#81

Benzo(a)anthracene

Concen: 43.519 ng

RT: 21.519 min Scan# 3159

Delta R.T. -0.035 min

Lab File: BP026199.D

Acq: 01 Dec 2025 15:31

Instrument :

BNA_P

ClientSampleId :

PB170743BS

Tgt Ion:228 Resp: 447002

Ion Ratio Lower Upper

228 100

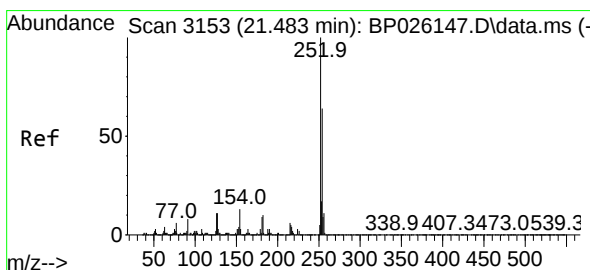
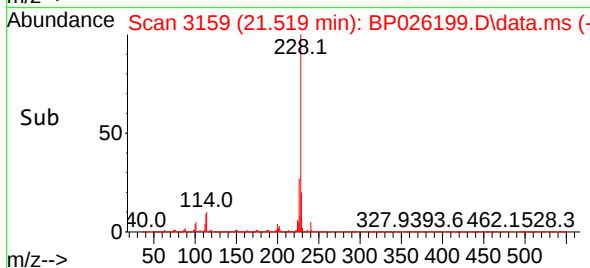
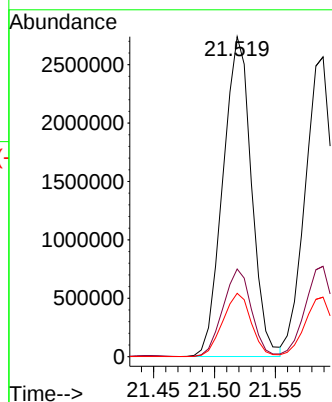
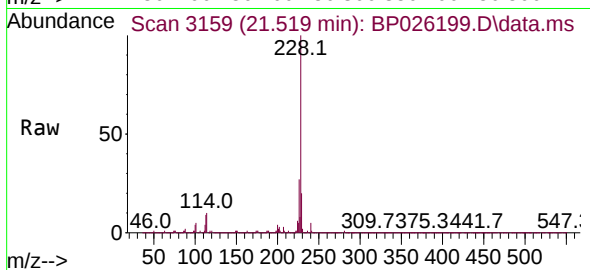
226 27.4 21.8 32.8

229 19.8 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#82

3,3'-Dichlorobenzidine

Concen: 26.124 ng

RT: 21.448 min Scan# 3147

Delta R.T. -0.041 min

Lab File: BP026199.D

Acq: 01 Dec 2025 15:31

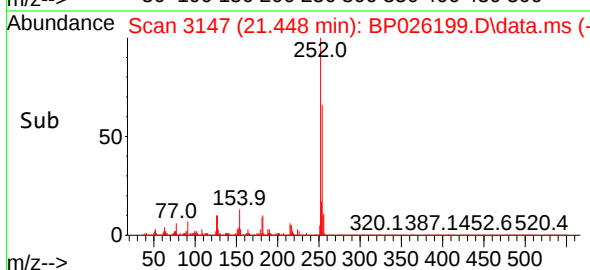
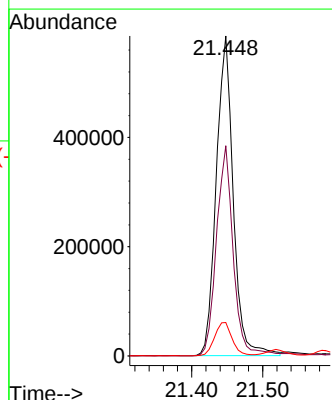
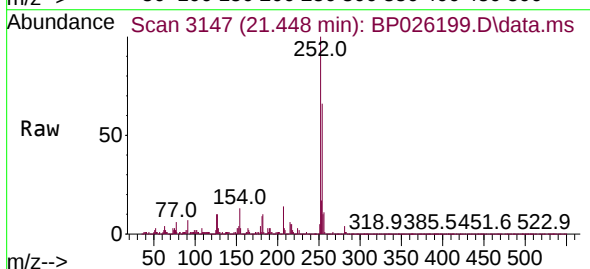
Tgt Ion:252 Resp: 975784

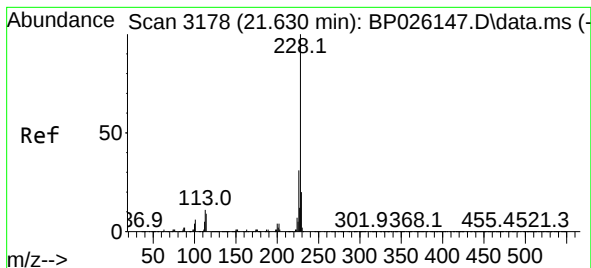
Ion Ratio Lower Upper

252 100

254 65.7 51.2 76.8

126 10.4 8.2 12.4





#83

Chrysene

Concen: 43.511 ng

RT: 21.589 min Scan# 3178

Delta R.T. -0.029 min

Lab File: BP026199.D

Acq: 01 Dec 2025 15:31

Instrument :

BNA_P

ClientSampleId :

PB170743BS

Tgt Ion:228 Resp: 4211926

Ion Ratio Lower Upper

228 100

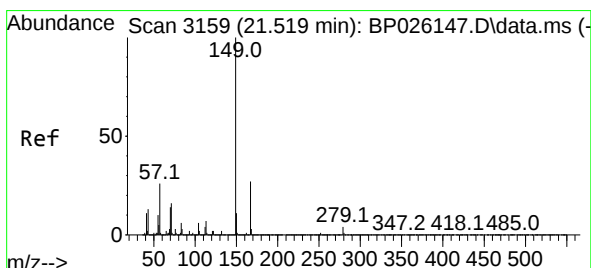
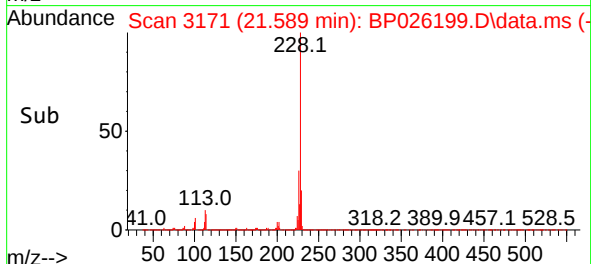
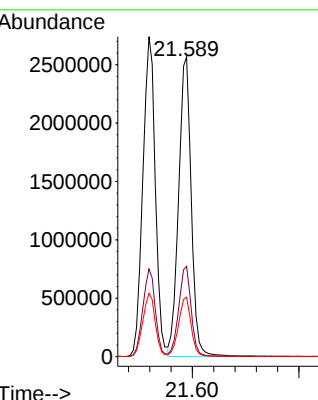
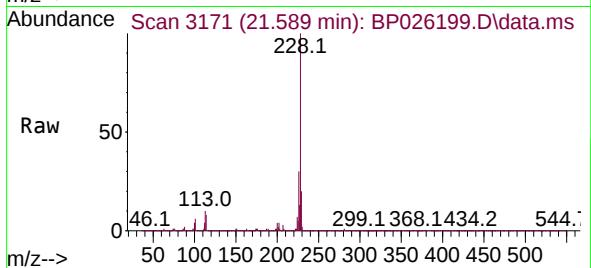
226 30.1 23.9 35.9

229 19.8 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.166 ng

RT: 21.477 min Scan# 3152

Delta R.T. -0.041 min

Lab File: BP026199.D

Acq: 01 Dec 2025 15:31

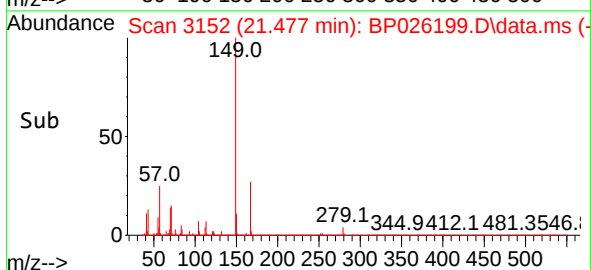
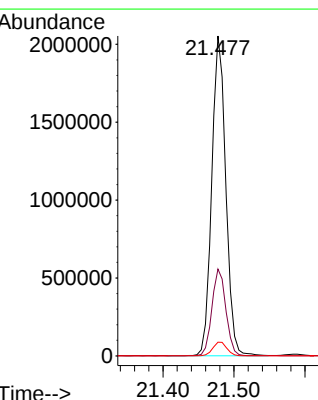
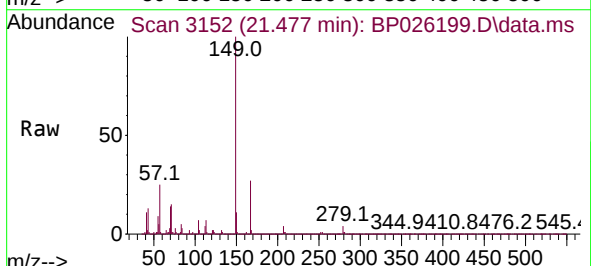
Tgt Ion:149 Resp: 2821900

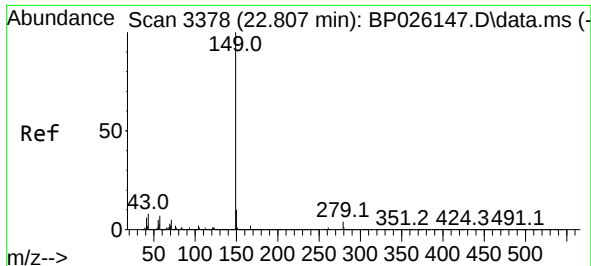
Ion Ratio Lower Upper

149 100

167 27.1 22.1 33.1

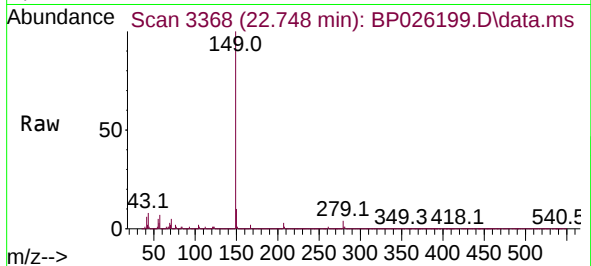
279 4.3 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 40.082 ng
RT: 22.748 min Scan# 3378
Delta R.T. -0.059 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

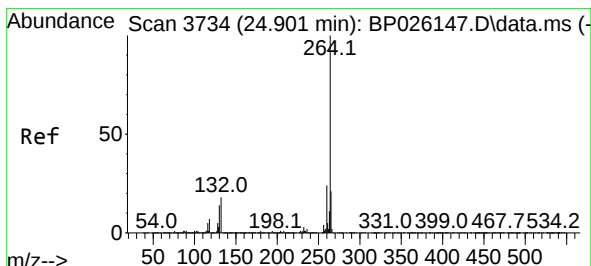
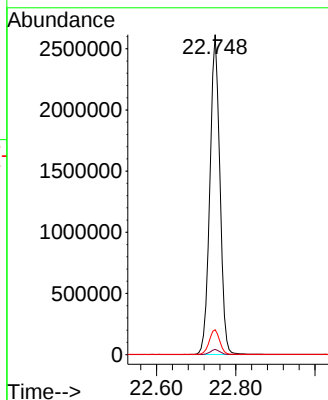
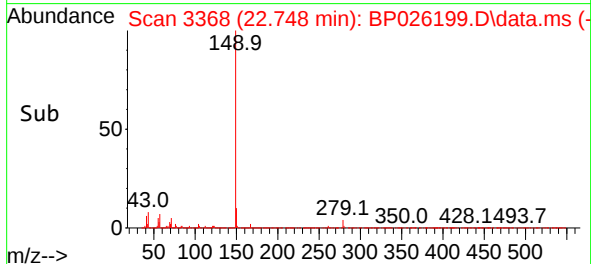
Instrument :
BNA_P
ClientSampleId :
PB170743BS



Tgt Ion:149 Resp: 4581776
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.1 6.6 10.0

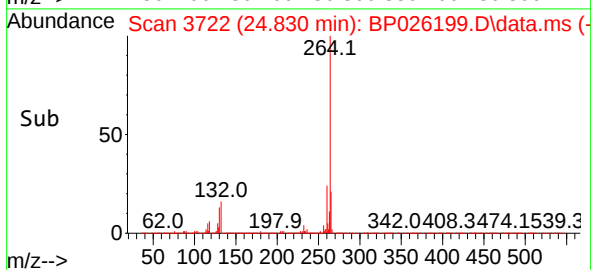
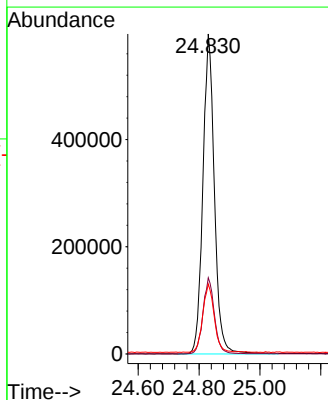
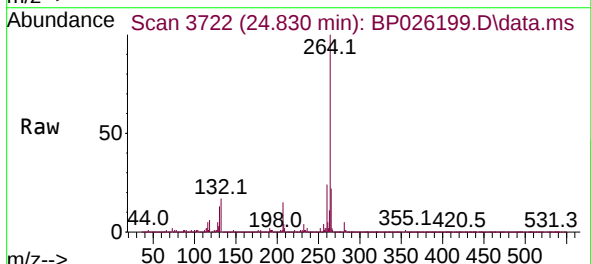
Manual Integrations
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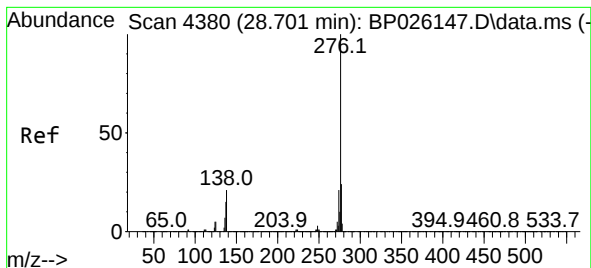
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.830 min Scan# 3722
Delta R.T. -0.076 min
Lab File: BP026199.D
Acq: 01 Dec 2025 15:31

Tgt Ion:264 Resp: 1568504
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.227 ng

RT: 28.571 min Scan# 4380

Delta R.T. -0.135 min

Lab File: BP026199.D

Acq: 01 Dec 2025 15:31

Instrument :

BNA_P

ClientSampleId :

PB170743BS

Tgt Ion:276 Resp: 5437766

Ion Ratio Lower Upper

276 100

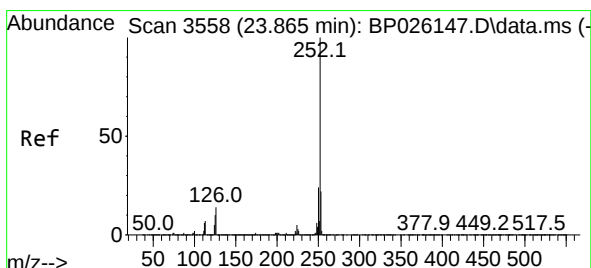
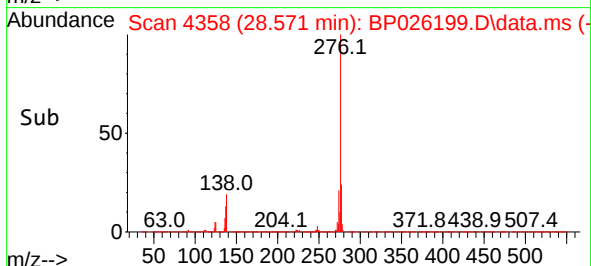
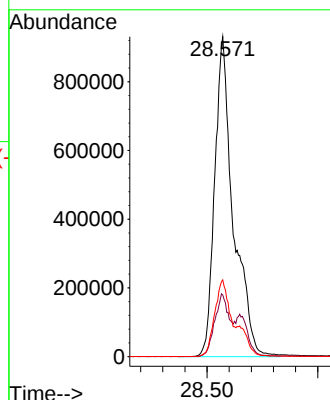
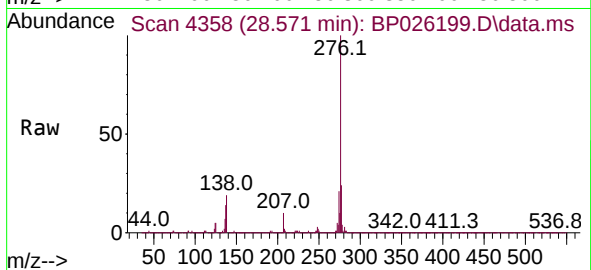
138 15.4 13.8 20.8

277 19.6 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#88

Benzo(b)fluoranthene

Concen: 44.635 ng

RT: 23.801 min Scan# 3547

Delta R.T. -0.065 min

Lab File: BP026199.D

Acq: 01 Dec 2025 15:31

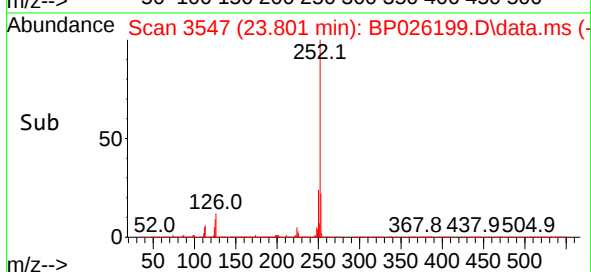
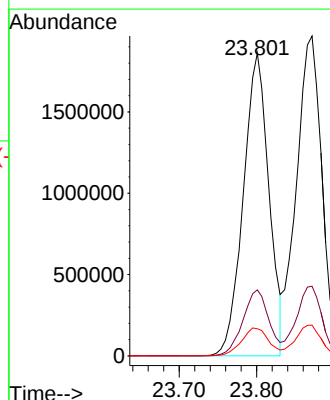
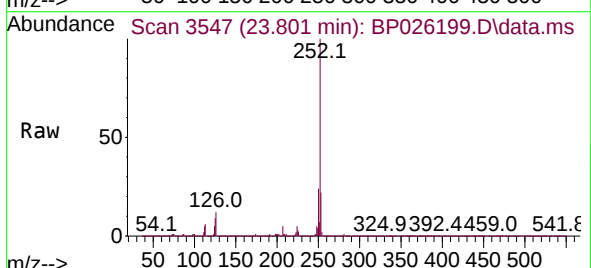
Tgt Ion:252 Resp: 4263566

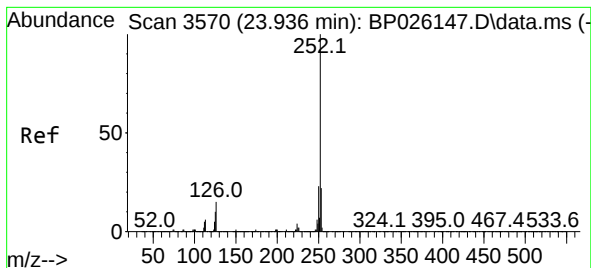
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.0 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 47.806 ng

RT: 23.871 min Scan# 31

Delta R.T. -0.065 min

Lab File: BP026199.D

Acq: 01 Dec 2025 15:31

Instrument :

BNA_P

ClientSampleId :

PB170743BS

Tgt Ion:252 Resp: 4560975

Ion Ratio Lower Upper

252 100

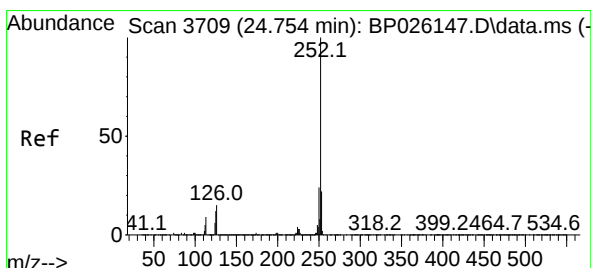
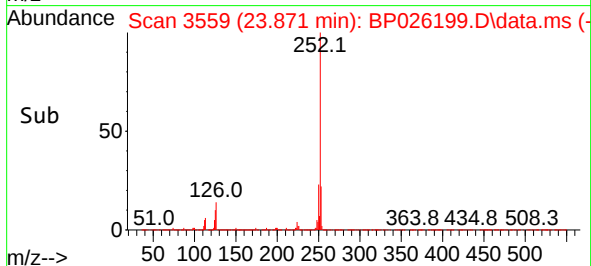
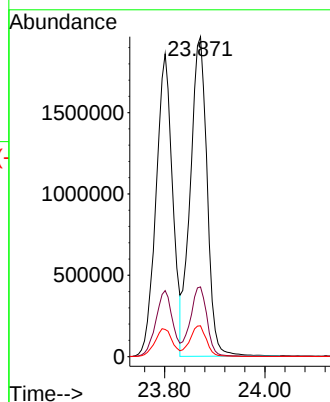
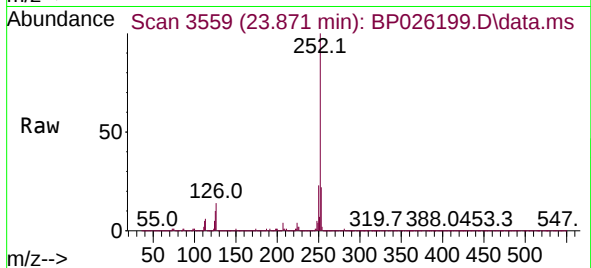
253 21.8 17.6 26.4

125 9.6 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#90

Benzo(a)pyrene

Concen: 46.291 ng

RT: 24.677 min Scan# 3696

Delta R.T. -0.076 min

Lab File: BP026199.D

Acq: 01 Dec 2025 15:31

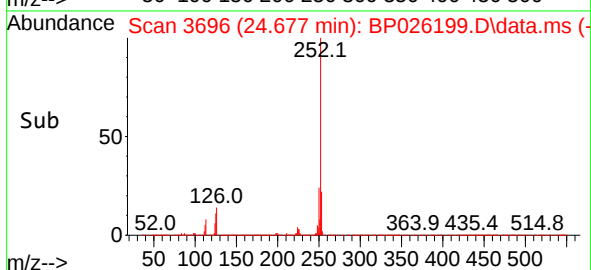
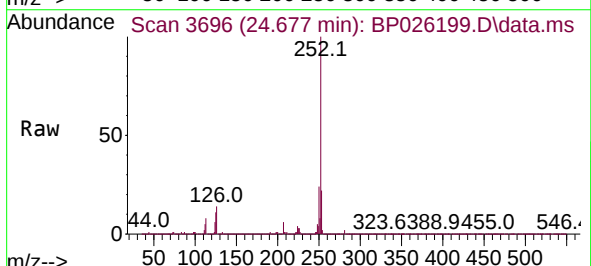
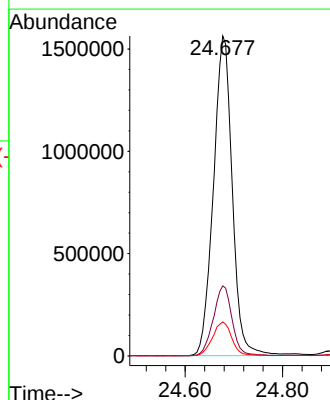
Tgt Ion:252 Resp: 4188387

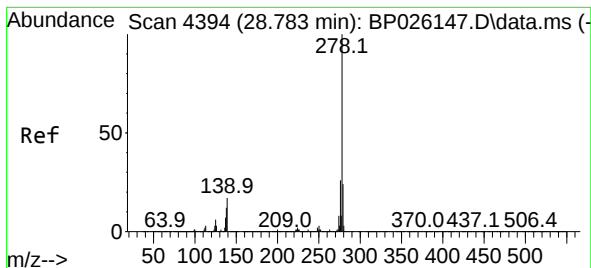
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 10.6 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 46.107 ng

RT: 28.659 min Scan# 4394

Delta R.T. -0.135 min

Lab File: BP026199.D

Acq: 01 Dec 2025 15:31

Instrument :

BNA_P

ClientSampleId :

PB170743BS

Tgt Ion:278 Resp: 443984

Ion Ratio Lower Upper

278 100

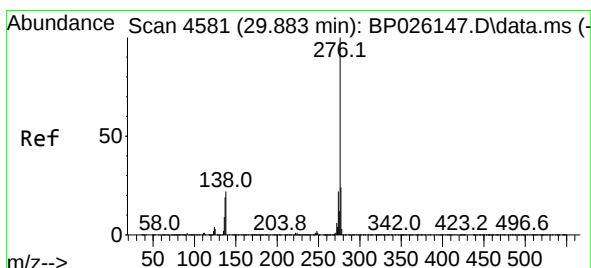
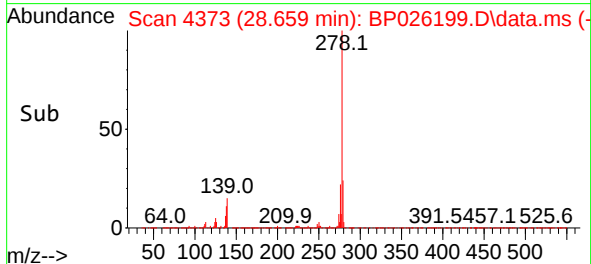
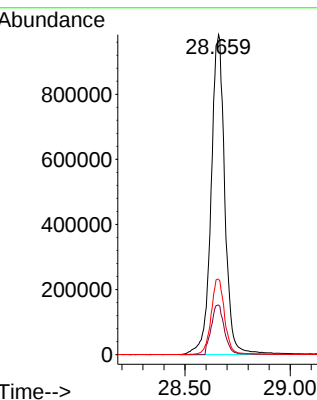
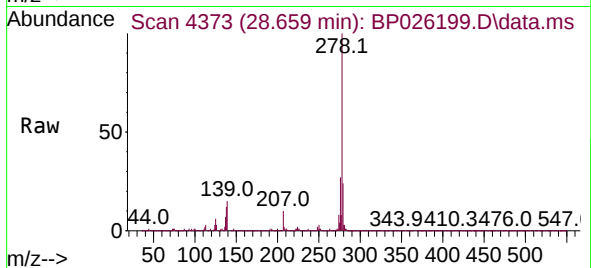
139 15.5 13.2 19.8

279 23.5 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#92

Benzo(g,h,i)perylene

Concen: 46.120 ng

RT: 29.736 min Scan# 4556

Delta R.T. -0.147 min

Lab File: BP026199.D

Acq: 01 Dec 2025 15:31

Tgt Ion:276 Resp: 4414154

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 20.9 17.8 26.6

