

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111224\
 Data File : BE101577.D
 Acq On : 12 Nov 2024 11:47
 Operator : RC/JU
 Sample : PB164886BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB164886BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/13/2024
 Supervised By :mohammad ahmed 11/13/2024

Quant Time: Nov 12 12:18:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 00:01:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	75401	20.000	ng	0.00
21) Naphthalene-d8	10.322	136	322046	20.000	ng	0.00
39) Acenaphthene-d10	14.165	164	195883	20.000	ng	0.00
64) Phenanthrene-d10	16.902	188	405279	20.000	ng	0.00
76) Chrysene-d12	21.068	240	479106	20.000	ng	0.00
86) Perylene-d12	23.354	264	739879	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	398262	93.394	ng	0.00
7) Phenol-d6	6.938	99	484718	82.904	ng	0.00
23) Nitrobenzene-d5	8.765	82	294647	57.791	ng	0.00
42) 2,4,6-Tribromophenol	15.675	330	276282	74.956	ng	0.00
45) 2-Fluorobiphenyl	12.790	172	722610	60.234	ng	0.00
79) Terphenyl-d14	19.499	244	1261788	58.297	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.195	88	42122	26.543	ng	100
3) Pyridine	3.606	79	107802	24.290	ng	97
4) n-Nitrosodimethylamine	3.536	42	55520	31.591	ng	96
6) Aniline	6.991	93	150903	34.388	ng	97
8) 2-Chlorophenol	7.202	128	150842	29.857	ng	98
9) Benzaldehyde	6.767	77	15767	5.513	ng	96
10) Phenol	6.961	94	189159	29.722	ng	99
11) bis(2-Chloroethyl)ether	7.020	93	123820	23.502	ng	98
12) 1,3-Dichlorobenzene	7.443	146	154874	28.080	ng	98
13) 1,4-Dichlorobenzene	7.590	146	159452	28.542	ng	98
14) 1,2-Dichlorobenzene	7.919	146	153642	28.017	ng	99
15) Benzyl Alcohol	7.890	79	94836	27.768	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.048	45	188319	30.196	ng	96
17) 2-Methylphenol	8.142	107	119917	29.104	ng	98
18) Hexachloroethane	8.612	117	54055	28.651	ng	98
19) n-Nitroso-di-n-propyla...	8.354	70	102588	26.611	ng	98
20) 3+4-Methylphenols	8.477	107	156636	27.417	ng	98
22) Acetophenone	8.407	105	205686	28.202	ng	# 99
24) Nitrobenzene	8.806	77	150112	28.307	ng	97
25) Isophorone	9.253	82	268532	27.064	ng	99
26) 2-Nitrophenol	9.493	139	80309	28.457	ng	98
27) 2,4-Dimethylphenol	9.611	122	112667	34.504	ng	100
28) bis(2-Chloroethoxy)met...	9.752	93	167556	27.587	ng	99
29) 2,4-Dichlorophenol	10.046	162	131902	28.455	ng	98
30) 1,2,4-Trichlorobenzene	10.169	180	137694	26.609	ng	98
31) Naphthalene	10.369	128	454100	27.931	ng	100
32) Benzoic acid	9.881	122	52024	21.457	ng	99
33) 4-Chloroaniline	10.598	127	47515	8.311	ng	99
34) Hexachlorobutadiene	10.616	225	86643	27.165	ng	99
35) Caprolactam	11.368	113	39845m	23.407	ng	
36) 4-Chloro-3-methylphenol	11.779	107	128418	25.369	ng	98
37) 2-Methylnaphthalene	11.961	142	313900	27.183	ng	98
38) 1-Methylnaphthalene	12.190	142	293300	25.469	ng	100
40) 1,2,4,5-Tetrachloroben...	12.320	216	154683	29.952	ng	99
41) Hexachlorocyclopentadiene	12.302	237	201151	133.471	ng	98
43) 2,4,6-Trichlorophenol	12.637	196	103823	29.273	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.749	196	110775	28.035	ng	97
46) 1,1'-Biphenyl	12.995	154	397469	29.416	ng	99
47) 2-Chloronaphthalene	13.036	162	305673	28.683	ng	98
48) 2-Nitroaniline	13.371	65	84462	29.941	ng	99
49) Acenaphthylene	13.894	152	488653	30.769	ng	99
50) Dimethylphthalate	13.671	163	381589	27.356	ng	100
51) 2,6-Dinitrotoluene	13.806	165	84548	26.262	ng	98
52) Acenaphthene	14.229	154	295232	29.132	ng	99
53) 3-Nitroaniline	14.217	138	45354	14.511	ng	98
54) 2,4-Dinitrophenol	14.358	184	98052	51.971	ng	94
55) Dibenzofuran	14.570	168	463113	28.377	ng	99
56) 4-Nitrophenol	14.646	139	142835	55.344	ng	94
57) 2,4-Dinitrotoluene	14.593	165	118422	26.182	ng	96
58) Fluorene	15.210	166	378693	27.805	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.840	232	101035	27.633	ng	98
60) Diethylphthalate	14.999	149	388247	26.398	ng	100
61) 4-Chlorophenyl-phenyle...	15.193	204	185080	26.761	ng	98
62) 4-Nitroaniline	15.404	138	84850	25.198	ng	95
63) Azobenzene	15.492	77	344067	28.675	ng	98
65) 4,6-Dinitro-2-methylph...	15.340	198	67184	27.926	ng	97
66) n-Nitrosodiphenylamine	15.445	169	329458	30.632	ng	99
67) 4-Bromophenyl-phenylether	16.080	248	127473	28.518	ng	100
68) Hexachlorobenzene	16.192	284	163486	27.791	ng	99
69) Atrazine	16.380	200	118002	37.161	ng	99
70) Pentachlorophenol	16.603	266	175462	54.971	ng	99
71) Phenanthrene	16.944	178	586446	29.751	ng	99
72) Anthracene	17.032	178	603529	31.005	ng	100
73) Carbazole	17.361	167	557098	28.539	ng	99
74) Di-n-butylphthalate	17.807	149	671792	27.867	ng	99
75) Fluoranthene	18.953	202	688994	27.262	ng	99
77) Benzidine	19.206	184	289728	28.152	ng	99
78) Pyrene	19.323	202	745036	27.330	ng	99
80) Butylbenzylphthalate	20.169	149	324974	26.527	ng	97
81) Benzo(a)anthracene	21.045	228	846776	29.759	ng	99
82) 3,3'-Dichlorobenzidine	21.021	252	252119	22.508	ng	98
83) Chrysene	21.103	228	810206	29.957	ng	99
84) Bis(2-ethylhexyl)phtha...	20.868	149	488178	26.357	ng	99
85) Di-n-octyl phthalate	21.714	149	912018	29.106	ng	98
87) Indeno(1,2,3-cd)pyrene	25.680	276	1559324	30.668	ng	99
88) Benzo(b)fluoranthene	22.643	252	1113755	27.437	ng	99
89) Benzo(k)fluoranthene	22.690	252	1068039	28.984	ng	99
90) Benzo(a)pyrene	23.242	252	1073976	30.645	ng	99
91) Dibenzo(a,h)anthracene	25.675	278	1297064	30.631	ng	99
92) Benzo(g,h,i)perylene	26.421	276	1176391	27.345	ng	99

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

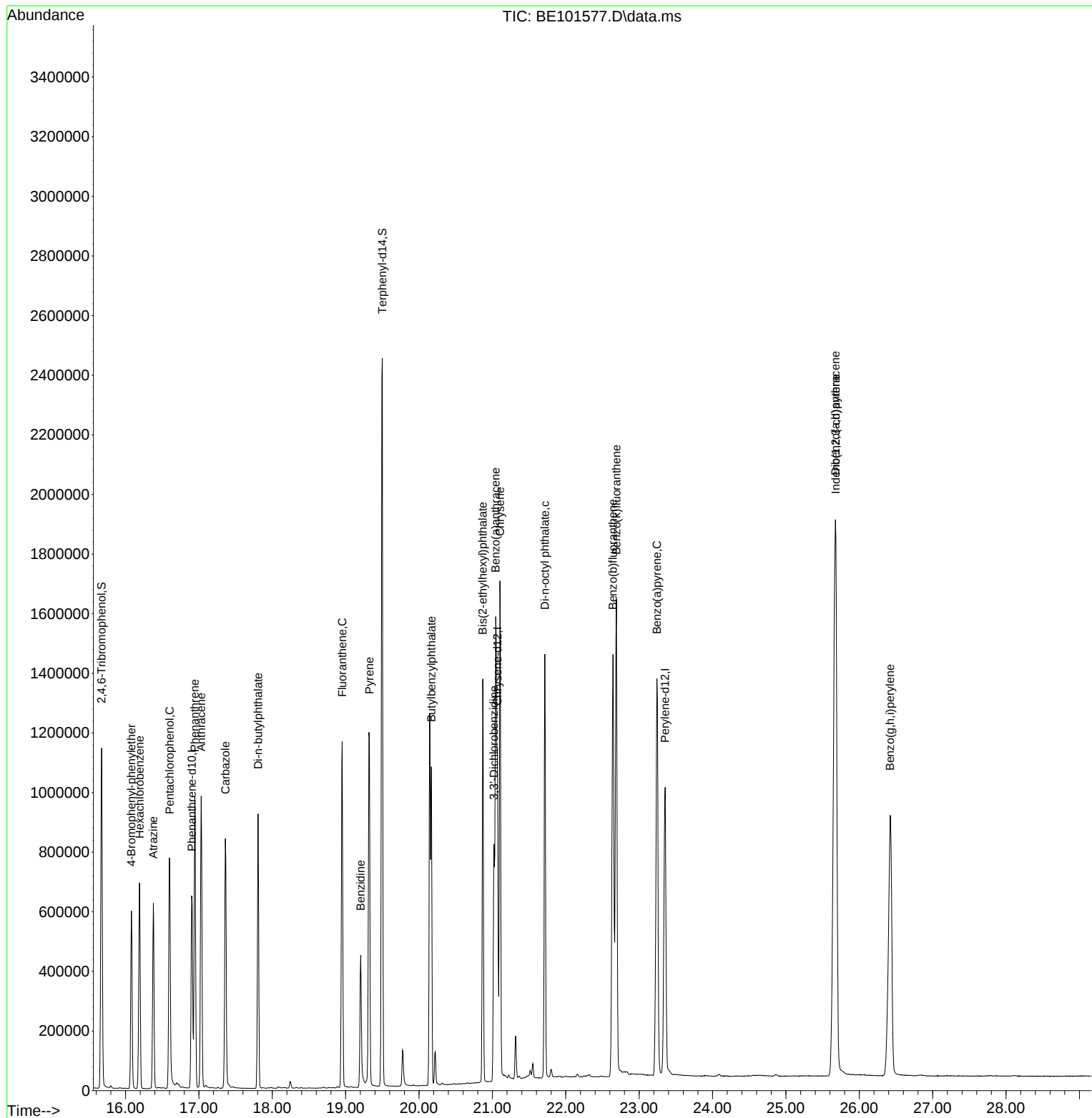
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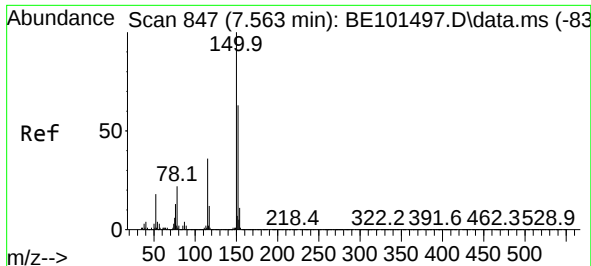
Instrument :
BNA_E
ClientSampleId :
PB164886BS

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.555 min Scan# 847
Delta R.T. -0.008 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

ClientSampleId :

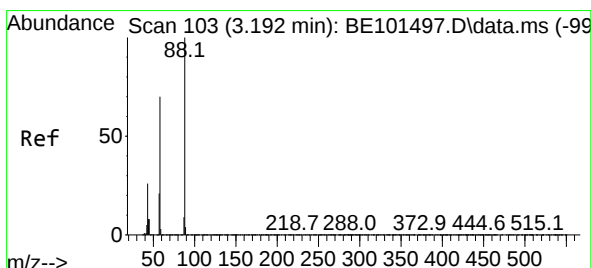
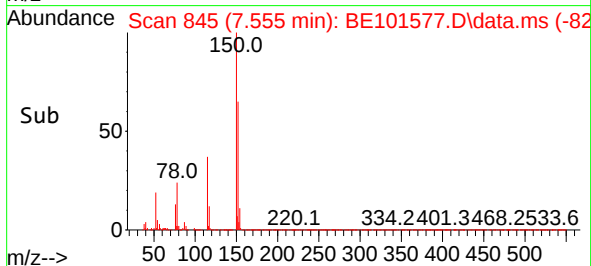
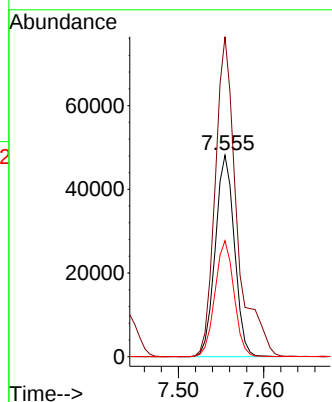
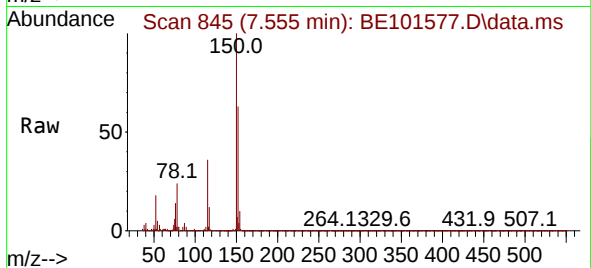
PB164886BS

Tgt Ion:152 Resp: 7540
Ion Ratio Lower Upper
152 100
150 158.8 126.3 189.5
115 57.6 45.0 67.4

Manual Integrations

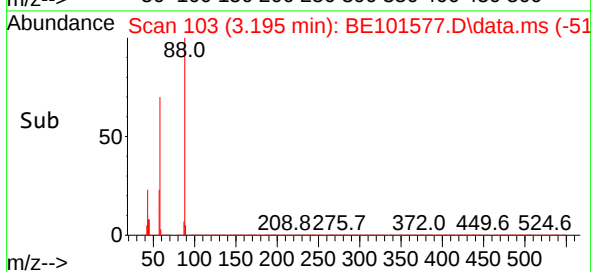
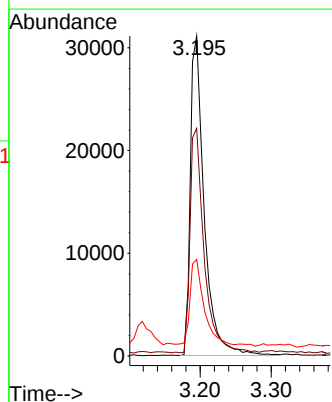
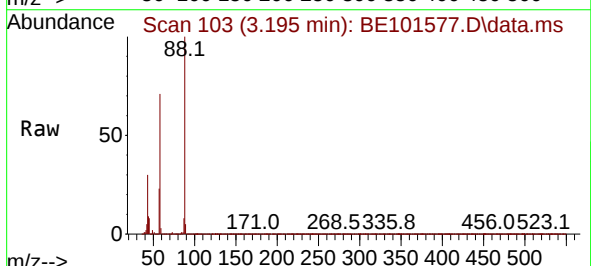
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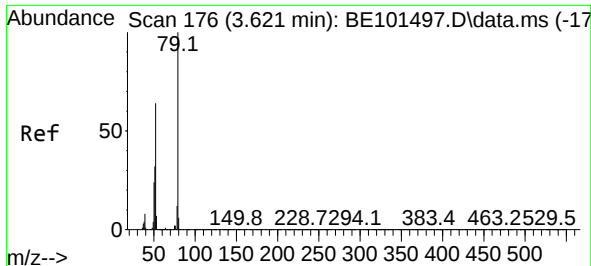
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#2
1,4-Dioxane
Concen: 26.543 ng
RT: 3.195 min Scan# 103
Delta R.T. 0.003 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion: 88 Resp: 42122
Ion Ratio Lower Upper
88 100
58 70.6 56.5 84.7
43 26.3 20.8 31.2





#3
Pyridine
Concen: 24.290 ng
RT: 3.606 min Scan# 11
Delta R.T. -0.015 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

ClientSampleId :

PB164886BS

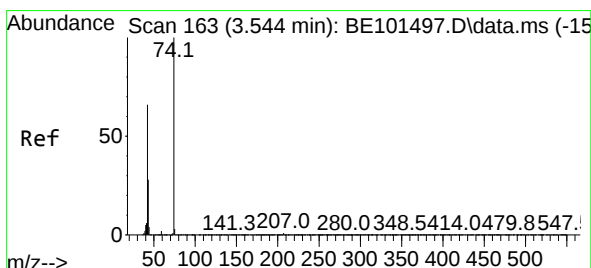
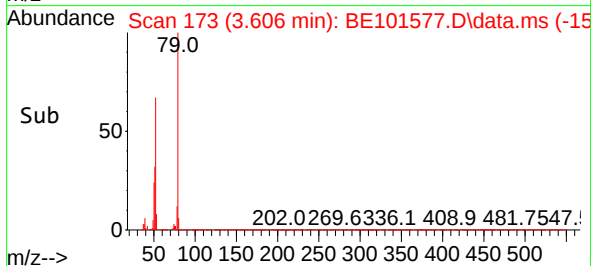
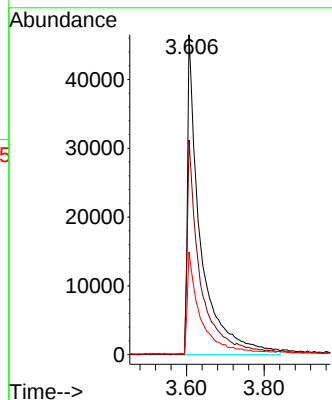
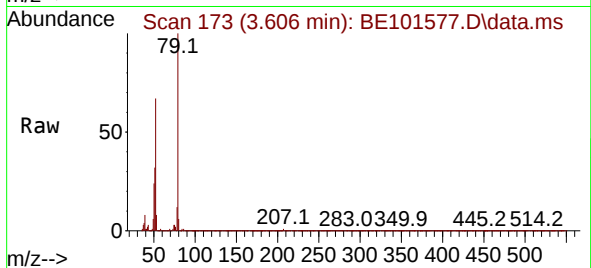
Tgt Ion: 79 Resp: 10780
Ion Ratio Lower Upper
79 100
52 67.1 51.1 76.7
51 32.1 26.2 39.2

Manual Integrations

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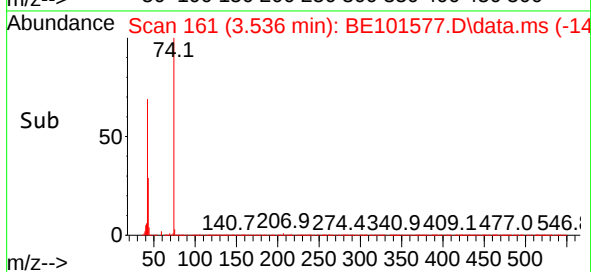
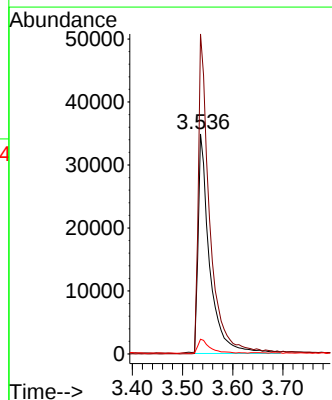
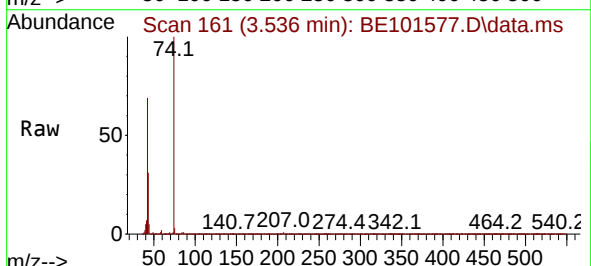
Reviewed By :Yogesh Patel 11/13/2024

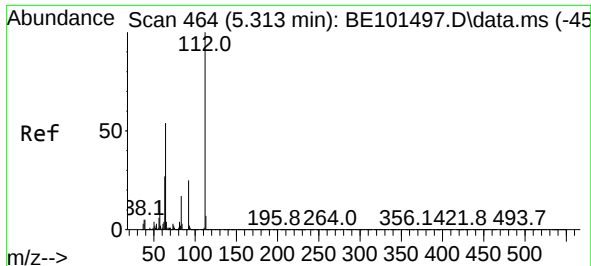
Supervised By :mohammad ahmed 11/13/2024



#4
n-Nitrosodimethylamine
Concen: 31.591 ng
RT: 3.536 min Scan# 161
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion: 42 Resp: 55520
Ion Ratio Lower Upper
42 100
74 145.4 120.1 180.1
44 6.7 5.8 8.6





#5
2-Fluorophenol
Concen: 93.394 ng
RT: 5.310 min Scan# 40
Delta R.T. -0.003 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :

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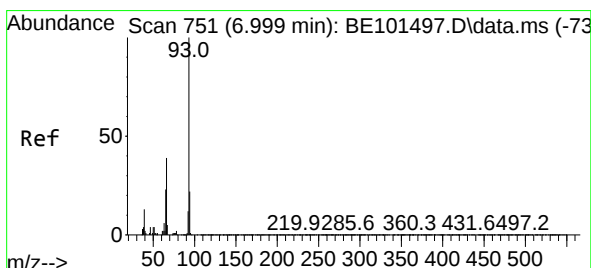
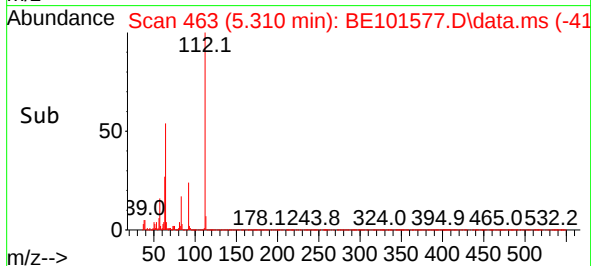
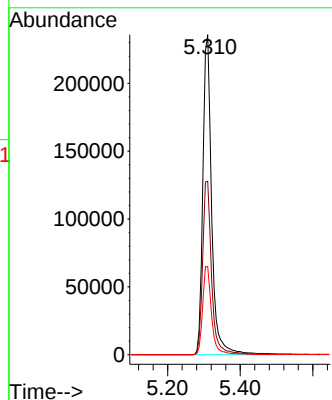
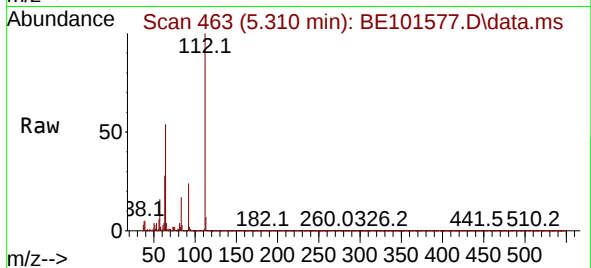
ClientSampleId :

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Tgt Ion:112 Resp: 39826
Ion Ratio Lower Upper
112 100
64 54.2 43.2 64.8
63 27.5 21.8 32.6

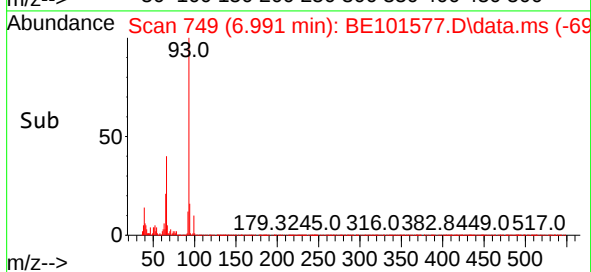
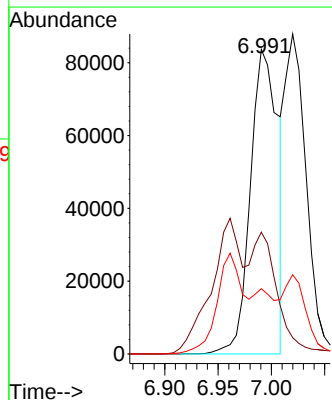
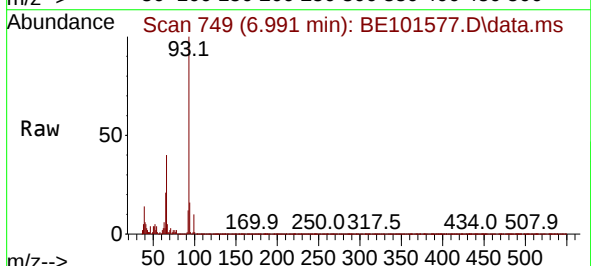
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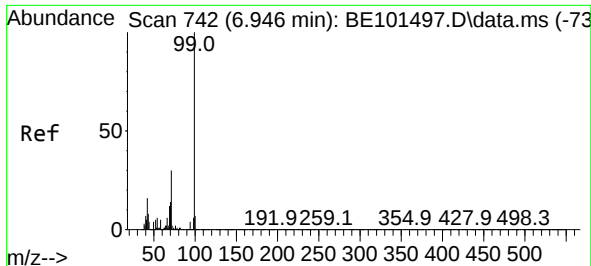
Reviewed By :Yogesh Patel 11/13/2024
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#6
Aniline
Concen: 34.388 ng
RT: 6.991 min Scan# 749
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion: 93 Resp: 150903
Ion Ratio Lower Upper
93 100
66 40.0 33.4 50.0
65 21.5 18.5 27.7





#7

Phenol-d6

Concen: 82.904 ng

RT: 6.938 min Scan# 741

Delta R.T. -0.009 min

Lab File: BE101577.D

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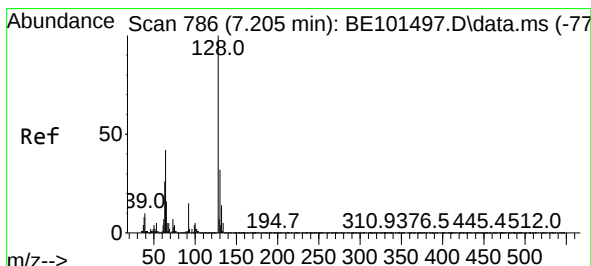
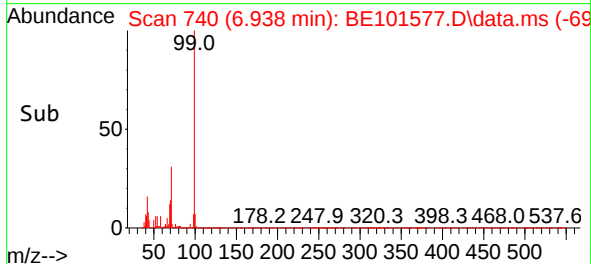
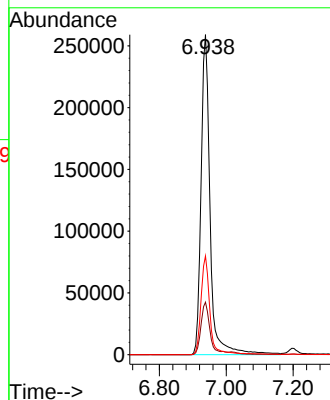
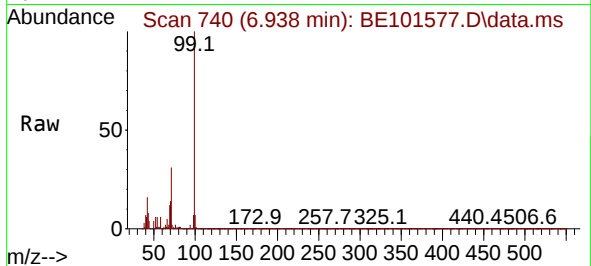
Tgt Ion: 99	Resp: 484718
Ion Ratio	Lower Upper
99 100	
42 16.4	12.5 18.7
71 30.9	24.2 36.2

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#8

2-Chlorophenol

Concen: 29.857 ng

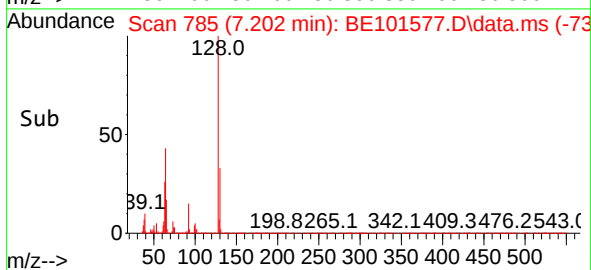
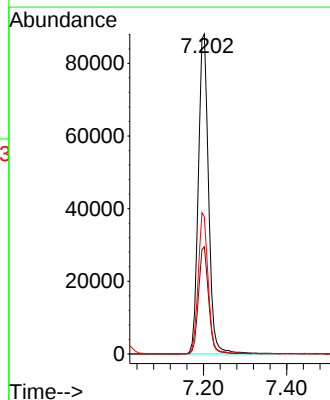
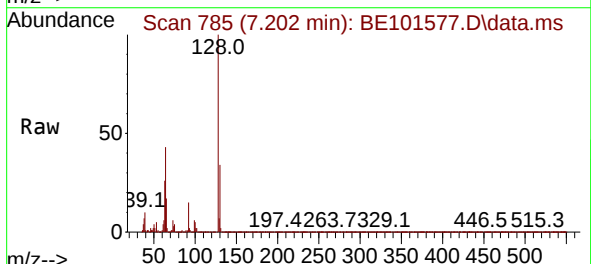
RT: 7.202 min Scan# 785

Delta R.T. -0.003 min

Lab File: BE101577.D

Acq: 12 Nov 2024 11:47

Tgt Ion:128	Resp: 150842
Ion Ratio	Lower Upper
128 100	
130 33.5	12.1 52.1
64 42.8	22.0 62.0





#9

Benzaldehyde

Concen: 5.513 ng

RT: 6.767 min Scan# 711

Delta R.T. -0.003 min

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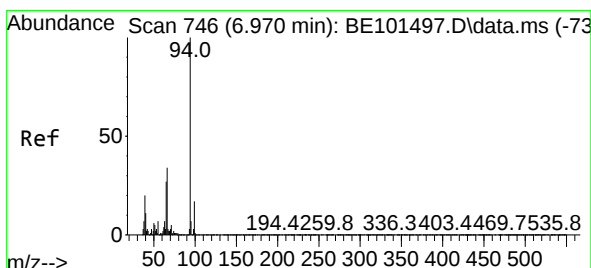
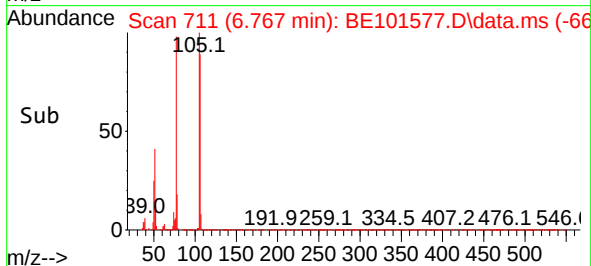
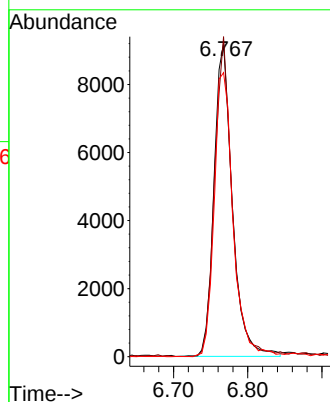
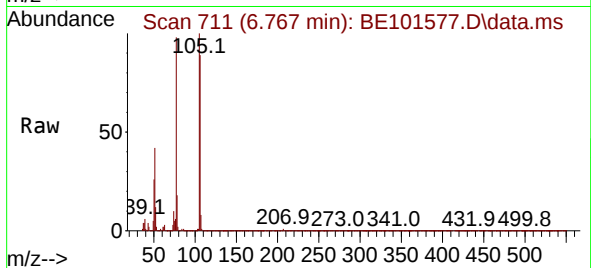
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Ion Ratio	Lower Upper
77 100	
105 102.2	83.0 123.0
106 90.7	78.8 118.8

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#10

Phenol

Concen: 29.722 ng

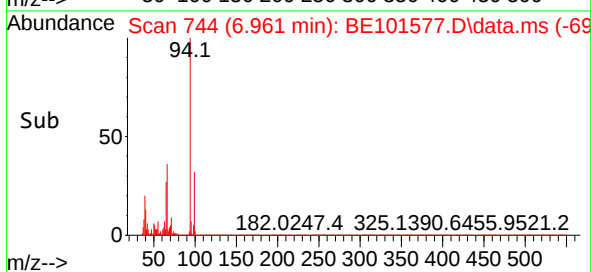
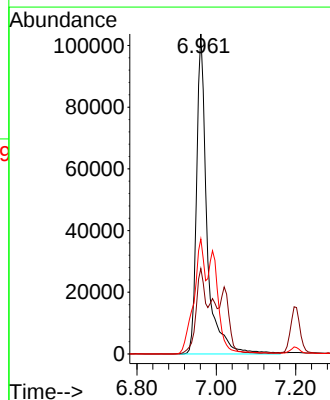
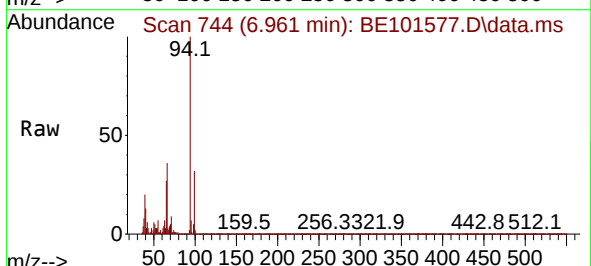
RT: 6.961 min Scan# 744

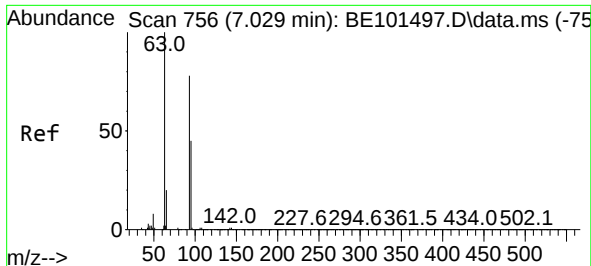
Delta R.T. -0.009 min

Lab File: BE101577.D

Acq: 12 Nov 2024 11:47

Tgt Ion: 94	Resp: 189159
Ion Ratio	Lower Upper
94 100	
65 26.7	6.7 46.7
66 35.9	15.0 55.0





#11
bis(2-Chloroethyl)ether
Concen: 23.502 ng
RT: 7.020 min Scan# 701
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

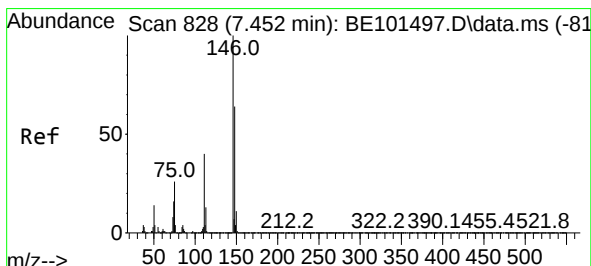
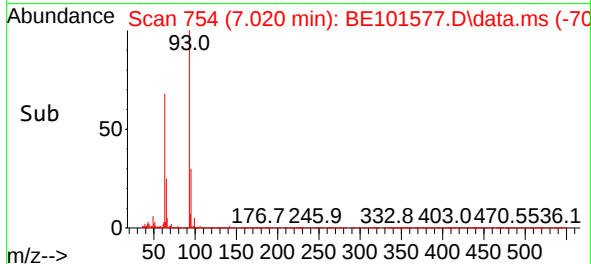
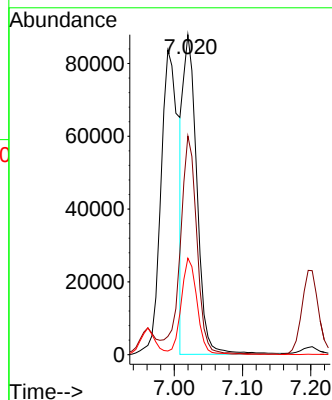
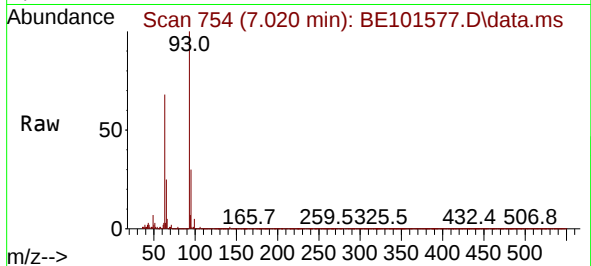
ClientSampleId :

PB164886BS

Tgt Ion: 93 Resp: 123820
Ion Ratio Lower Upper
93 100
63 68.4 46.5 86.5
95 30.1 9.1 49.1

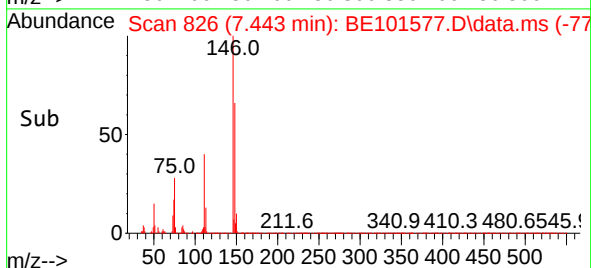
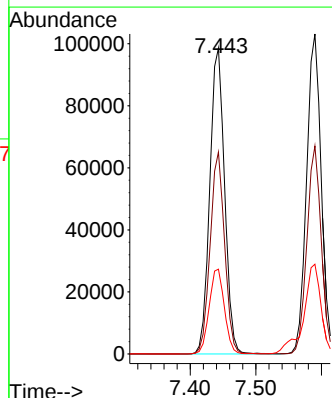
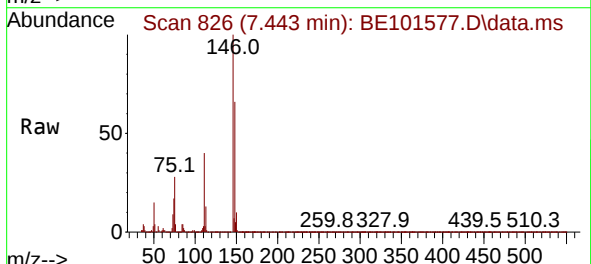
Manual Integrations
APPROVED

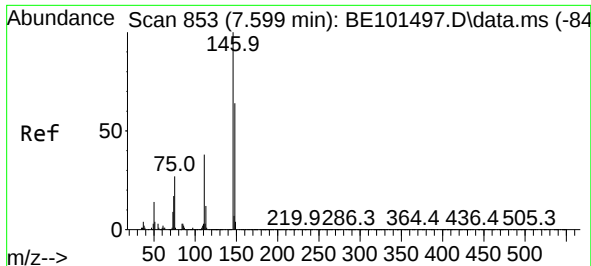
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#12
1,3-Dichlorobenzene
Concen: 28.080 ng
RT: 7.443 min Scan# 826
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion:146 Resp: 154874
Ion Ratio Lower Upper
146 100
148 66.0 51.4 77.2
75 27.7 21.1 31.7





#13

1,4-Dichlorobenzene

Concen: 28.542 ng

RT: 7.590 min Scan# 853

Delta R.T. -0.009 min

Lab File: BE101577.D

Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

ClientSampleId :

PB164886BS

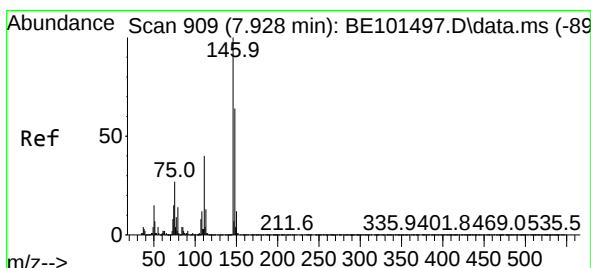
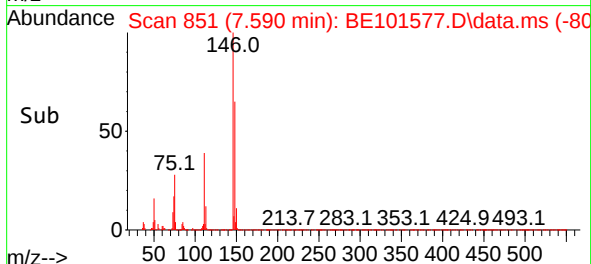
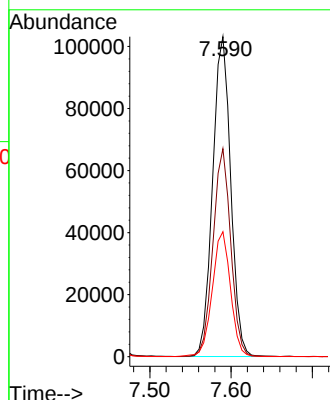
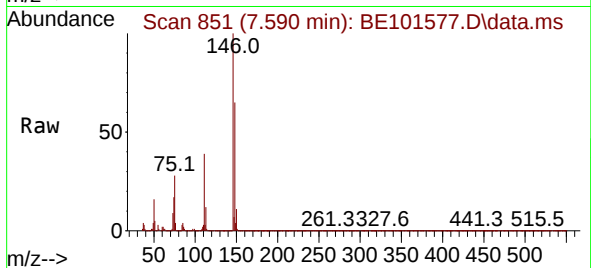
Tgt Ion:146 Resp: 159452
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.0 76.6
 111 39.1 30.2 45.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/13/2024

Supervised By :mohammad ahmed 11/13/2024



#14

1,2-Dichlorobenzene

Concen: 28.017 ng

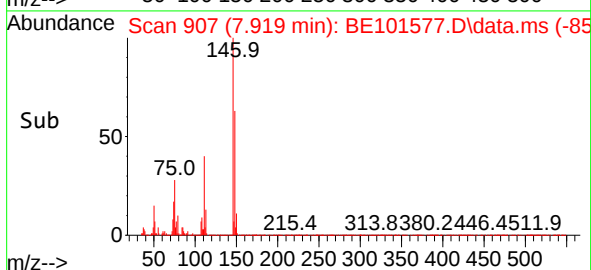
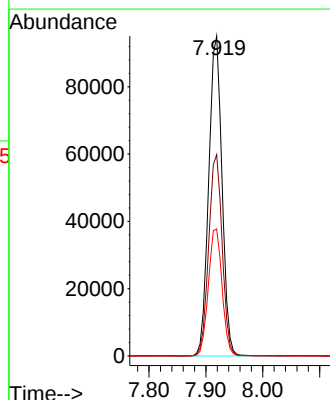
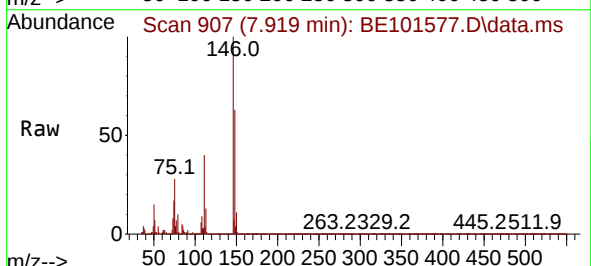
RT: 7.919 min Scan# 907

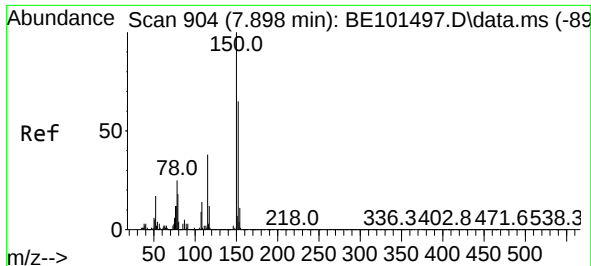
Delta R.T. -0.009 min

Lab File: BE101577.D

Acq: 12 Nov 2024 11:47

Tgt Ion:146 Resp: 153642
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.2 76.8
 111 39.7 32.2 48.4





#15
Benzyl Alcohol
Concen: 27.768 ng
RT: 7.890 min Scan# 904
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

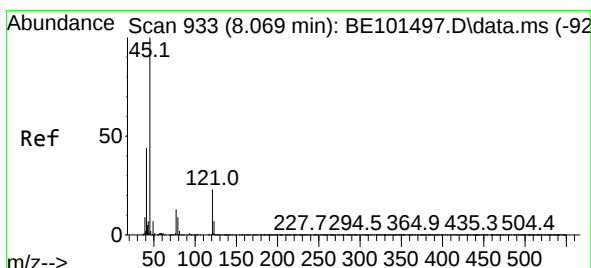
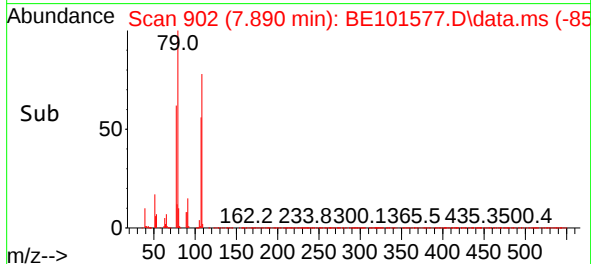
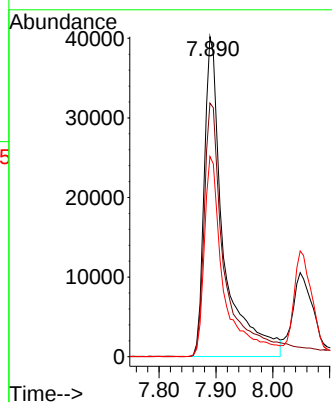
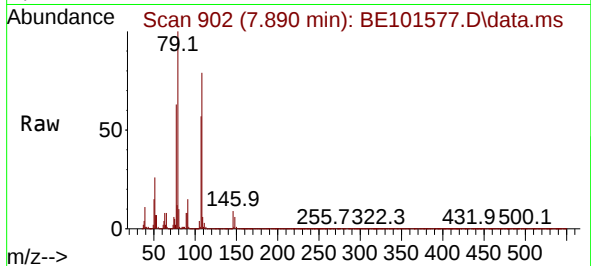
ClientSampleId :

PB164886BS

Tgt Ion: 79 Resp: 94830
Ion Ratio Lower Upper
79 100
108 79.3 63.8 95.8
77 62.6 53.4 80.0

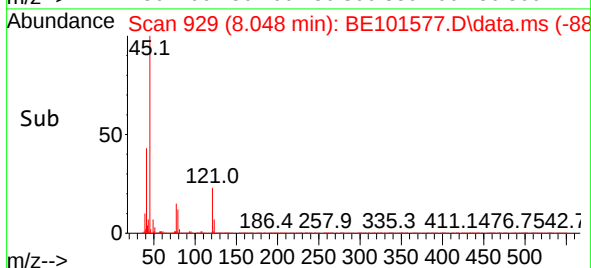
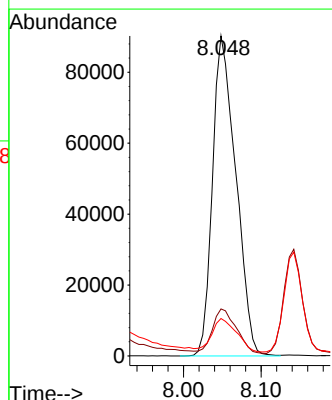
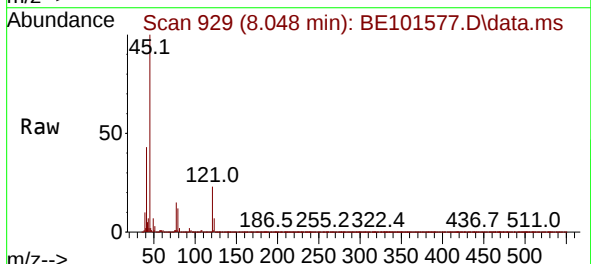
Manual Integrations
APPROVED

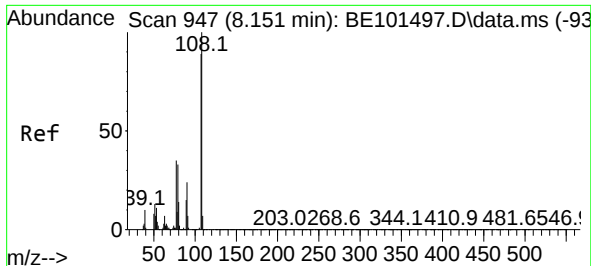
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.196 ng
RT: 8.048 min Scan# 929
Delta R.T. -0.020 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion: 45 Resp: 188319
Ion Ratio Lower Upper
45 100
77 14.7 0.0 36.2
79 11.7 0.0 33.8





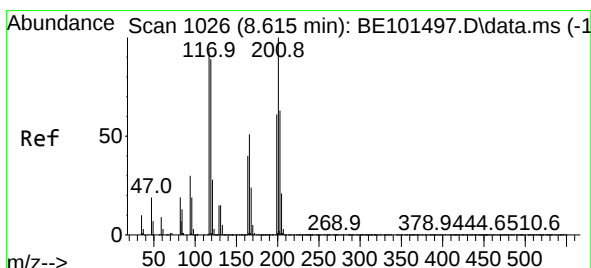
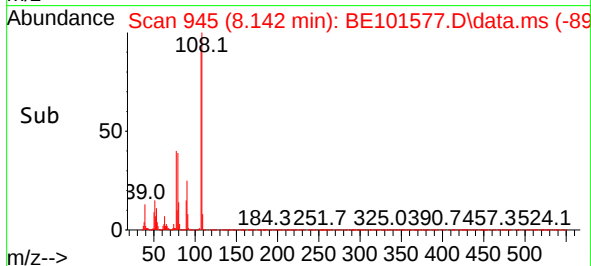
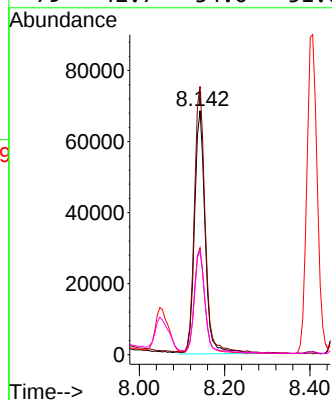
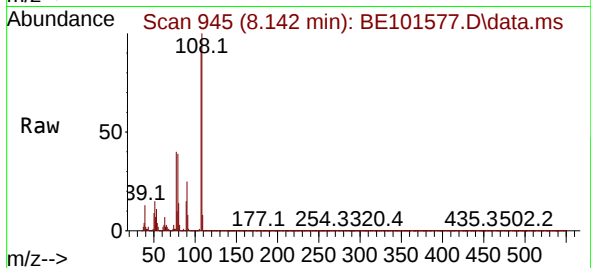
#17
2-Methylphenol
Concen: 29.104 ng
RT: 8.142 min Scan# 947
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :
BNA_E
ClientSampleId :
PB164886BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.9	90.2	135.4
77	43.8	35.1	52.7
79	42.7	34.0	51.0

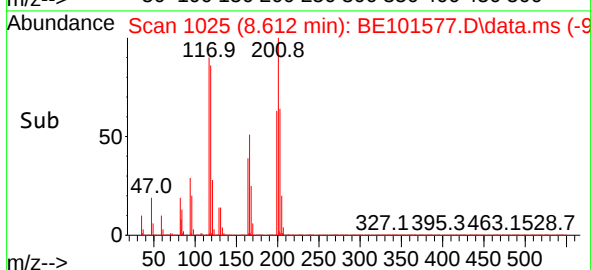
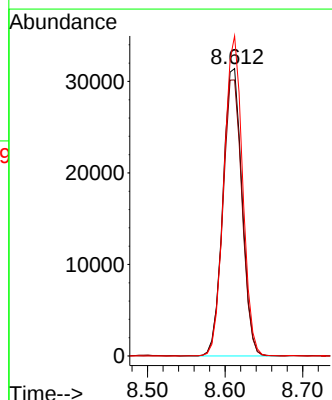
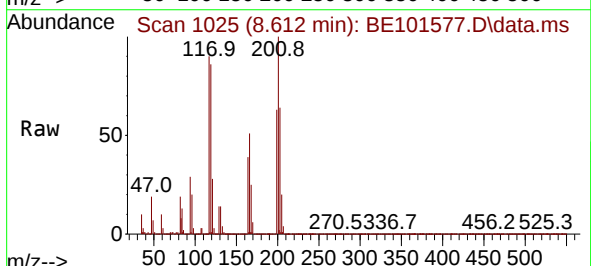
Manual Integrations
APPROVED

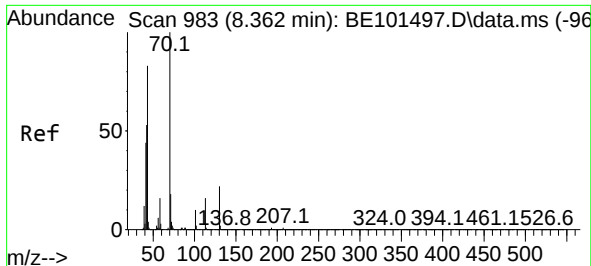
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#18
Hexachloroethane
Concen: 28.651 ng
RT: 8.612 min Scan# 1025
Delta R.T. -0.003 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.6	114.8
201	111.3	86.1	129.1





#19
n-Nitroso-di-n-propylamine
Concen: 26.611 ng
RT: 8.354 min Scan# 91
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

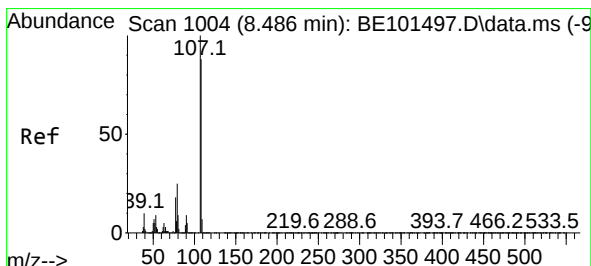
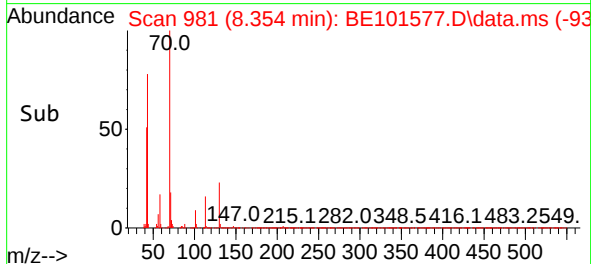
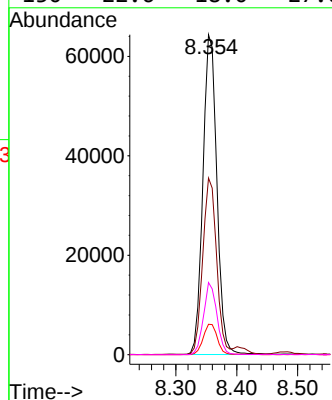
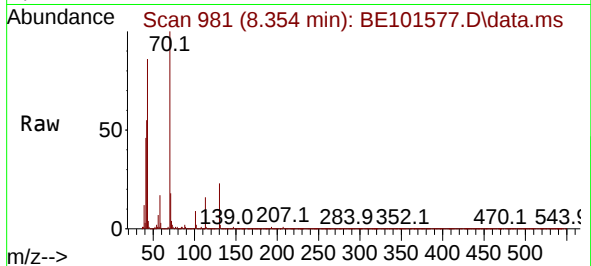
ClientSampleId :

PB164886BS

Tgt Ion: 70 Resp: 10258
Ion Ratio Lower Upper
70 100
42 55.2 42.7 64.1
101 9.5 8.2 12.2
130 22.6 18.0 27.0

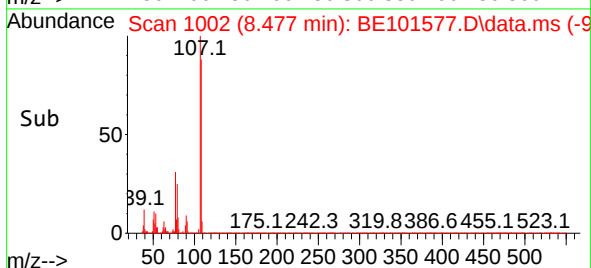
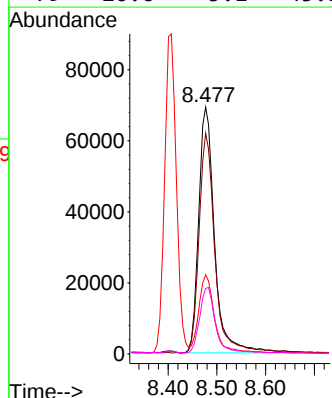
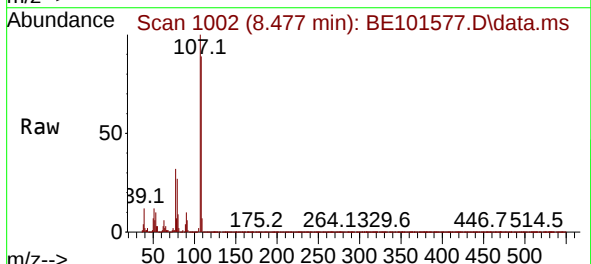
Manual Integrations
APPROVED

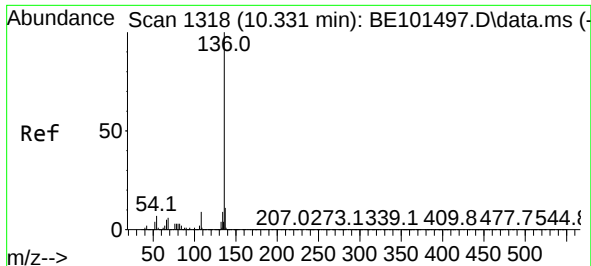
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#20
3+4-Methylphenols
Concen: 27.417 ng
RT: 8.477 min Scan# 1002
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion:107 Resp: 156636
Ion Ratio Lower Upper
107 100
108 89.5 68.2 108.2
77 32.1 10.4 50.4
79 26.6 5.1 45.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.322 min Scan# 11
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

ClientSampleId :

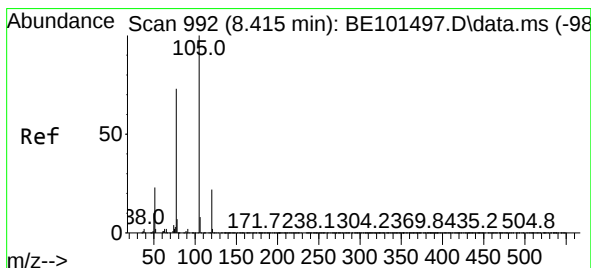
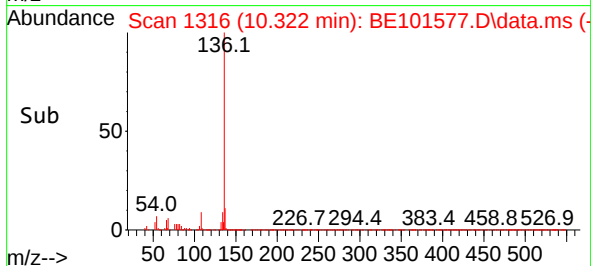
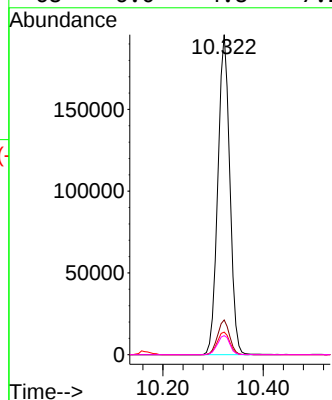
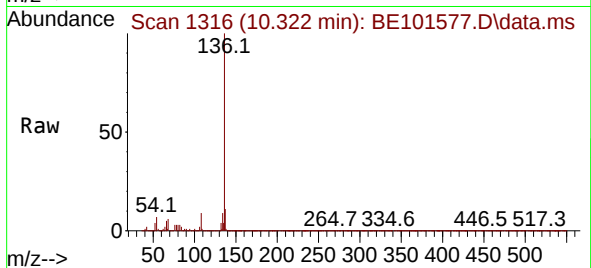
PB164886BS

Tgt Ion:136 Resp: 322040
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.1 5.6 8.4
68 6.0 4.8 7.2

Manual Integrations

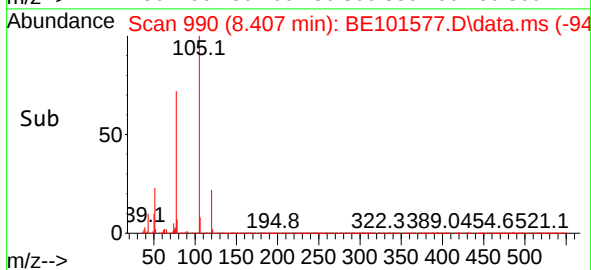
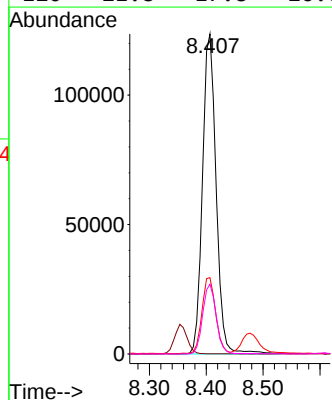
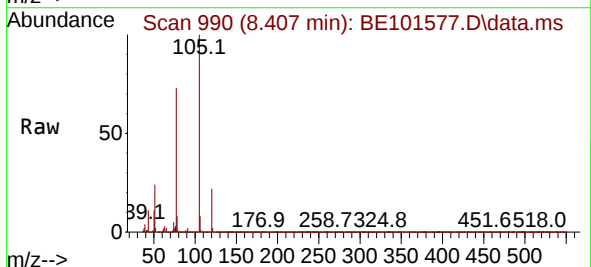
APPROVED

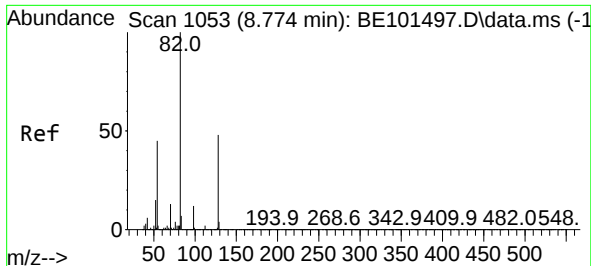
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#22
Acetophenone
Concen: 28.202 ng
RT: 8.407 min Scan# 990
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion:105 Resp: 205686
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1#
51 23.8 18.7 28.1
120 21.8 17.8 26.6





#23
Nitrobenzene-d5
Concen: 57.791 ng
RT: 8.765 min Scan# 1051
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

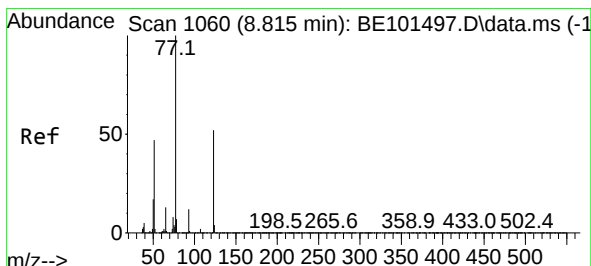
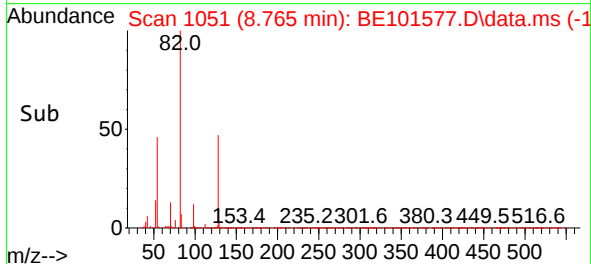
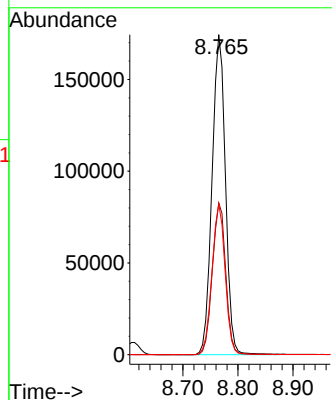
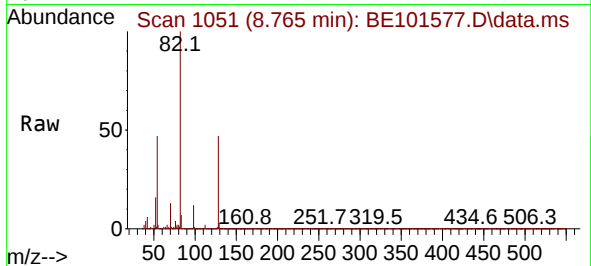
ClientSampleId :

PB164886BS

Tgt Ion: 82 Resp: 29464
Ion Ratio Lower Upper
82 100
128 47.4 38.6 58.0
54 47.1 36.3 54.5

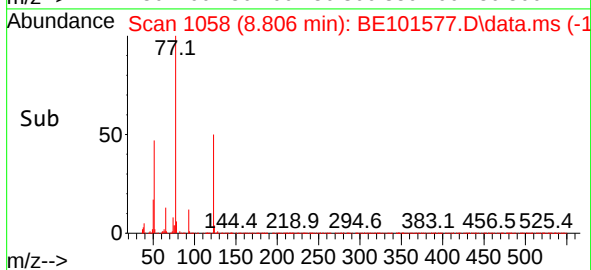
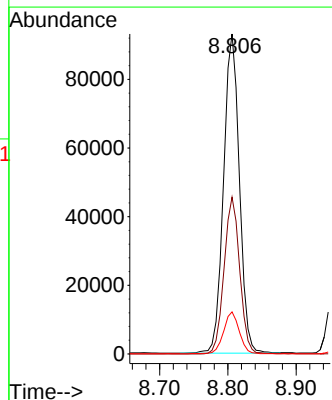
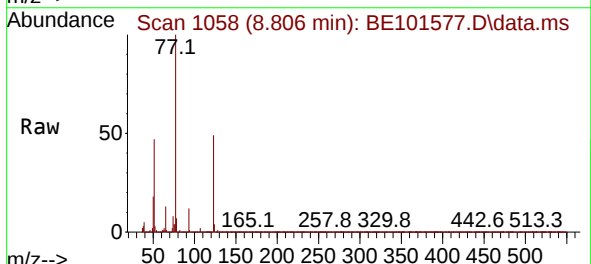
Manual Integrations
APPROVED

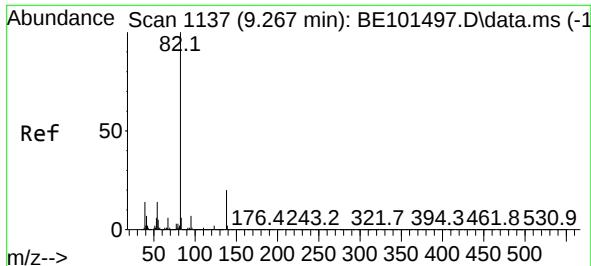
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#24
Nitrobenzene
Concen: 28.307 ng
RT: 8.806 min Scan# 1058
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

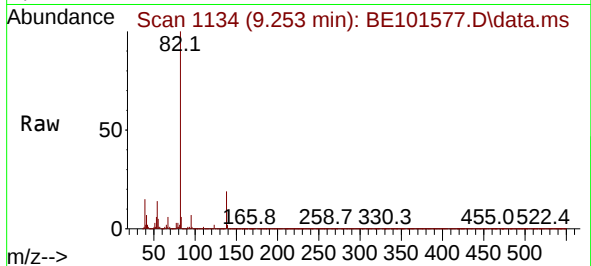
Tgt Ion: 77 Resp: 150112
Ion Ratio Lower Upper
77 100
123 49.0 41.2 61.8
65 13.1 10.3 15.5





#25
Isophorone
Concen: 27.064 ng
RT: 9.253 min Scan# 1134
Delta R.T. -0.015 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

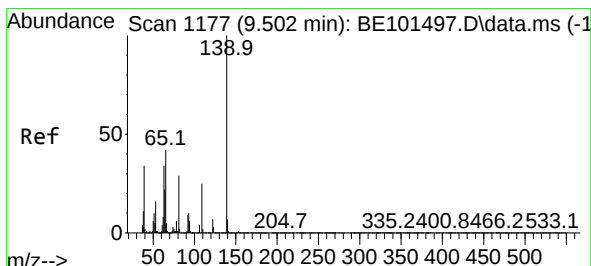
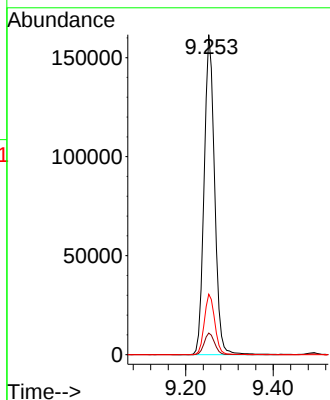
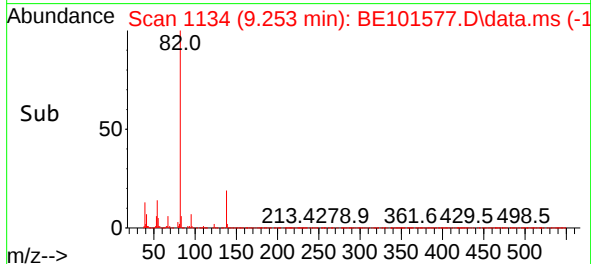
Instrument :
BNA_E
ClientSampleId :
PB164886BS



Tgt Ion: 82 Resp: 26853
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.9 15.8 23.6

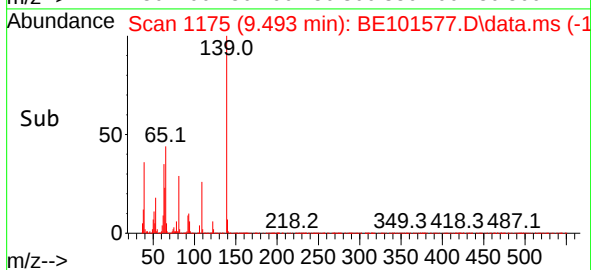
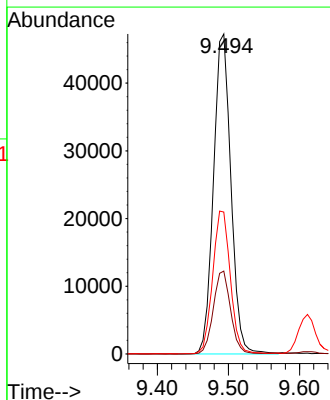
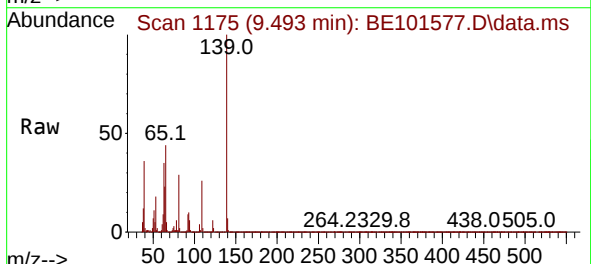
Manual Integrations
APPROVED

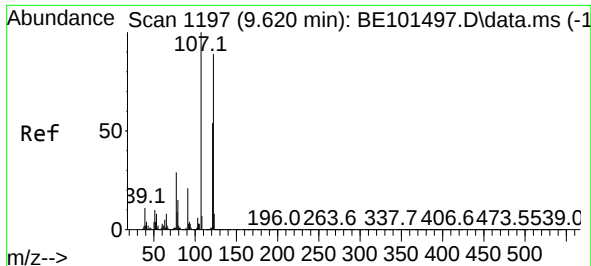
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#26
2-Nitrophenol
Concen: 28.457 ng
RT: 9.493 min Scan# 1175
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

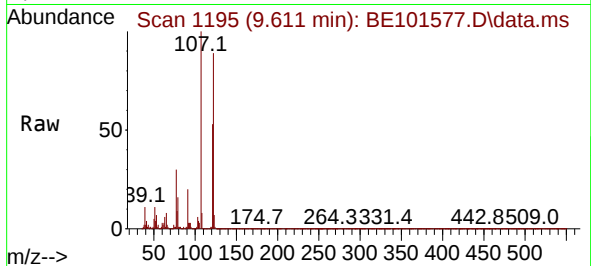
Tgt Ion:139 Resp: 80309
Ion Ratio Lower Upper
139 100
109 25.9 20.2 30.4
65 44.3 34.0 51.0





#27
2,4-Dimethylphenol
Concen: 34.504 ng
RT: 9.611 min Scan# 1195
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

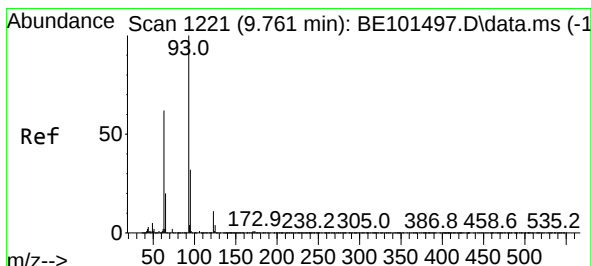
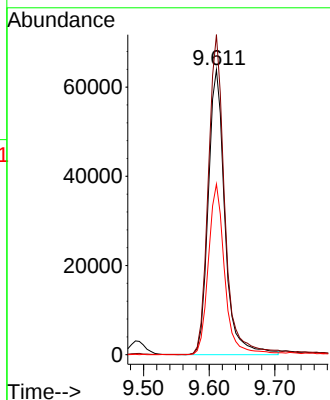
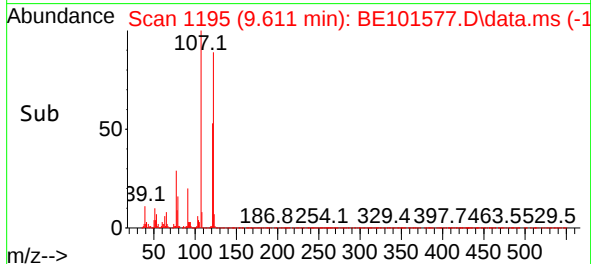
Instrument :
BNA_E
ClientSampleId :
PB164886BS



Tgt Ion: 122 Resp: 11266
Ion Ratio Lower Upper
122 100
107 112.3 89.8 134.6
121 59.8 48.0 72.0

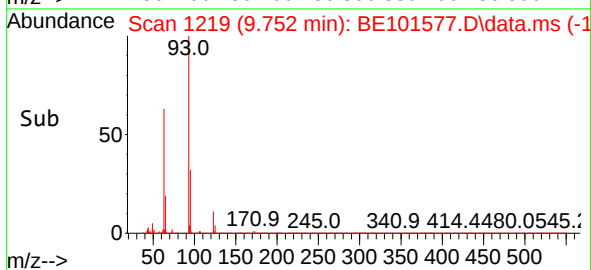
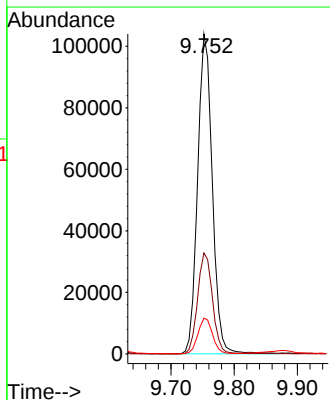
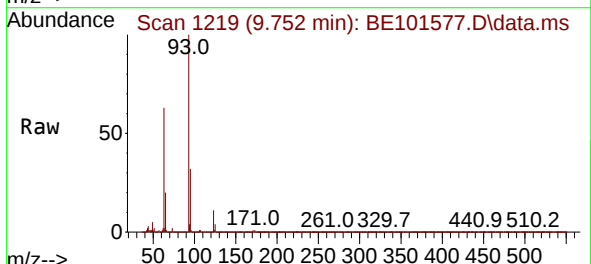
Manual Integrations
APPROVED

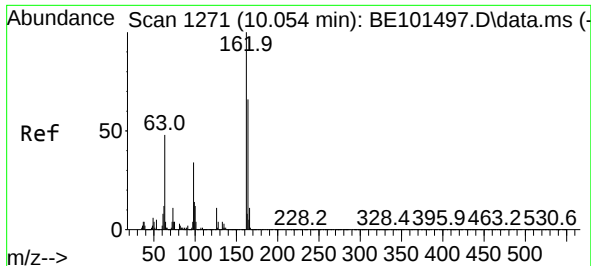
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#28
bis(2-Chloroethoxy)methane
Concen: 27.587 ng
RT: 9.752 min Scan# 1219
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion: 93 Resp: 167556
Ion Ratio Lower Upper
93 100
95 31.5 25.9 38.9
123 11.2 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 28.455 ng
RT: 10.046 min Scan# 1269
Delta R.T. -0.008 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

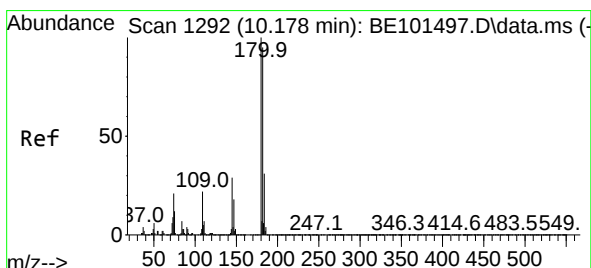
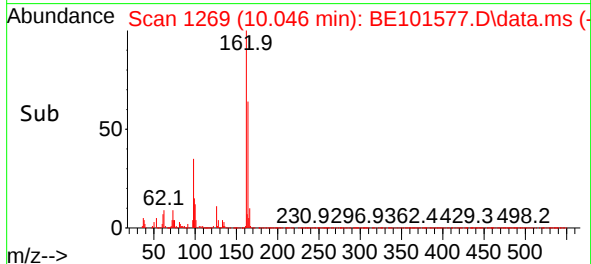
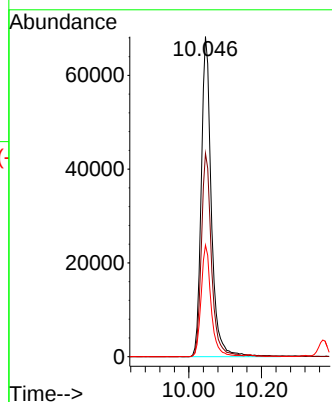
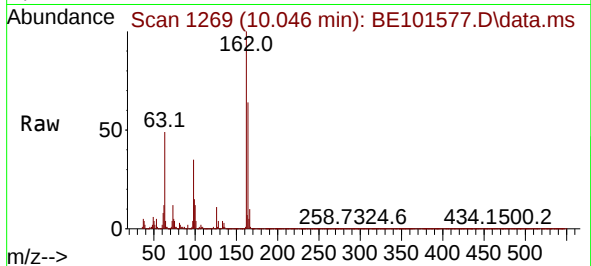
ClientSampleId :

PB164886BS

Tgt Ion:162 Resp: 13190
Ion Ratio Lower Upper
162 100
164 63.6 45.7 85.7
98 34.8 14.0 54.0

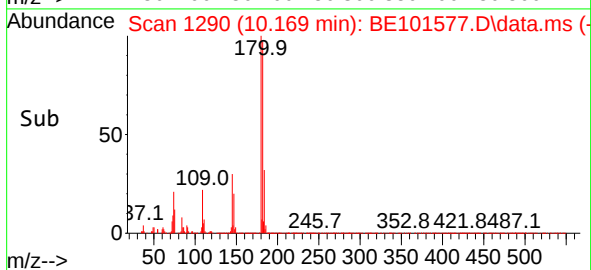
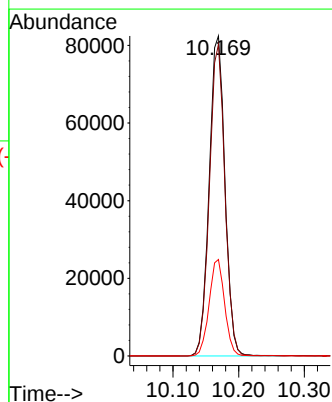
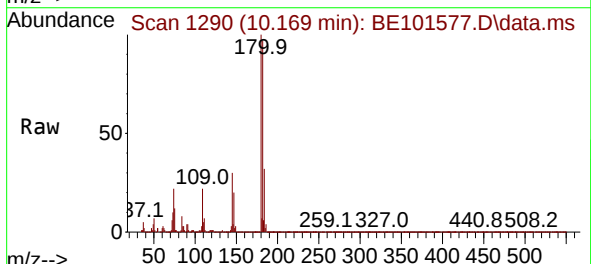
Manual Integrations
APPROVED

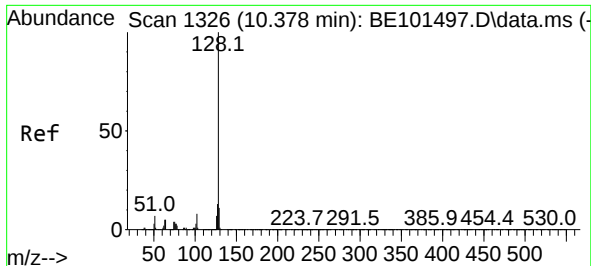
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#30
1,2,4-Trichlorobenzene
Concen: 26.609 ng
RT: 10.169 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion:180 Resp: 137694
Ion Ratio Lower Upper
180 100
182 97.4 76.2 114.2
145 30.2 23.2 34.8





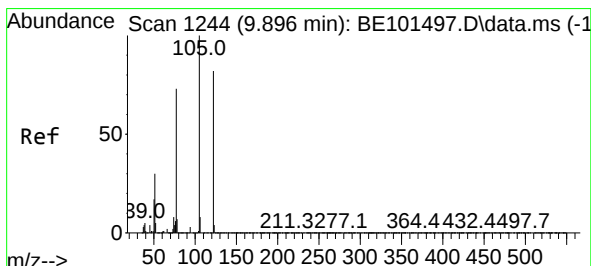
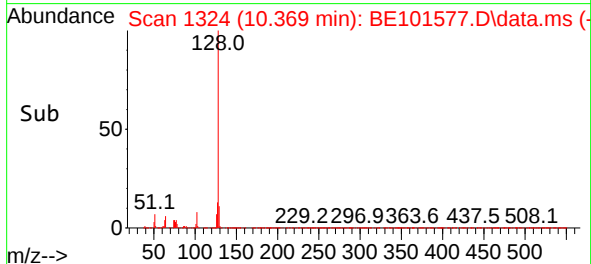
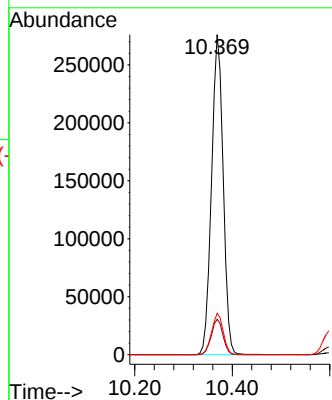
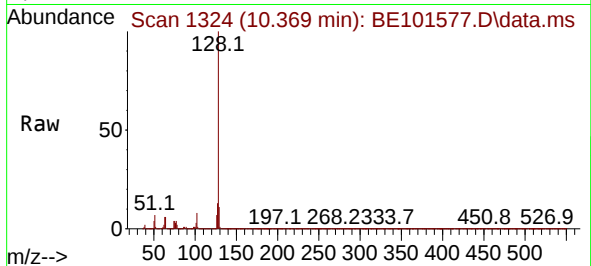
#31
Naphthalene
Concen: 27.931 ng
RT: 10.369 min Scan# 11
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :
BNA_E
ClientSampleId :
PB164886BS

Tgt Ion:128 Resp: 454100
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.9 10.3 15.5

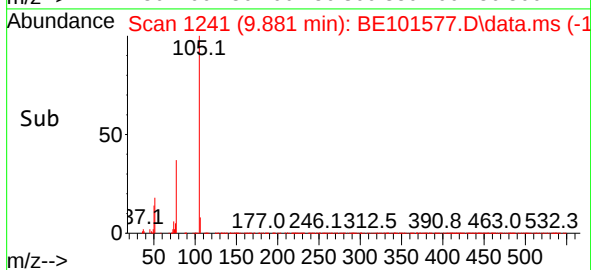
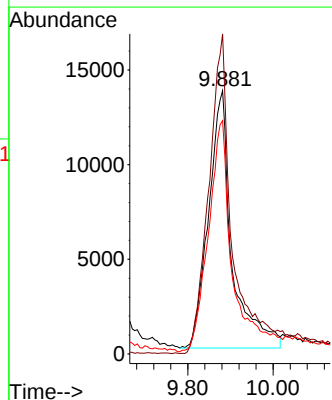
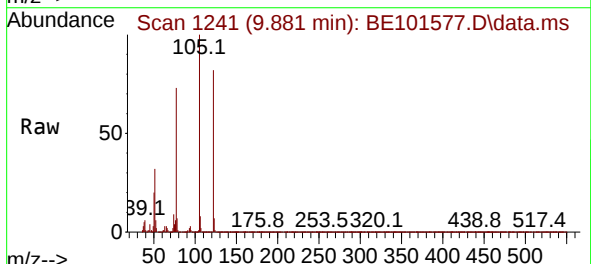
Manual Integrations
APPROVED

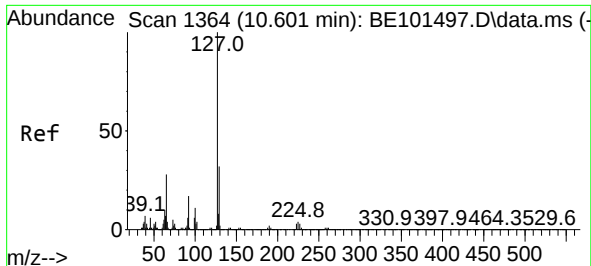
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#32
Benzoic acid
Concen: 21.457 ng
RT: 9.881 min Scan# 1241
Delta R.T. -0.015 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion:122 Resp: 52024
Ion Ratio Lower Upper
122 100
105 121.6 100.6 140.6
77 88.7 68.6 108.6





#33
4-Chloroaniline
Concen: 8.311 ng
RT: 10.598 min Scan# 1363
Delta R.T. -0.003 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

ClientSampleId :

PB164886BS

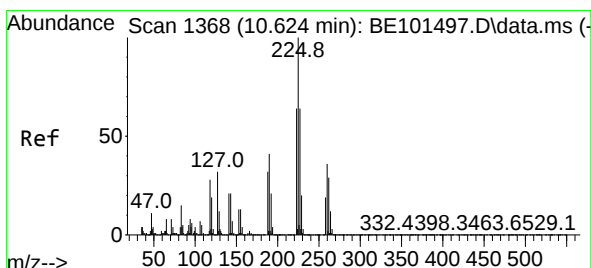
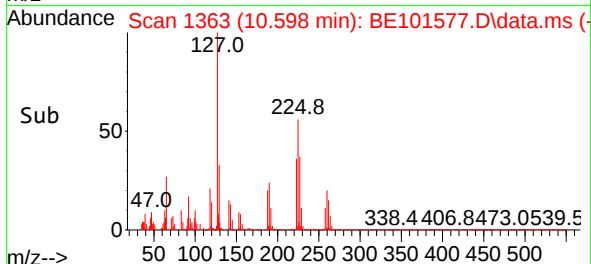
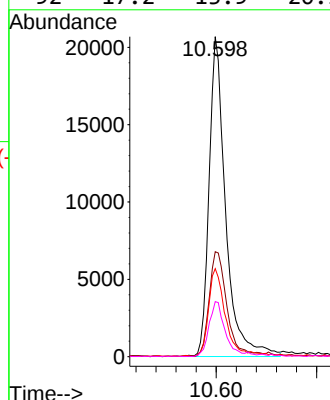
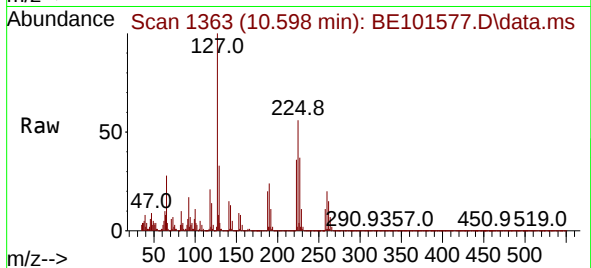
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.8
65	27.5	22.6	33.8
92	17.2	13.9	20.9

Manual Integrations

APPROVED

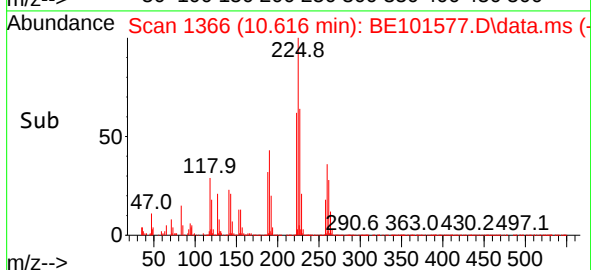
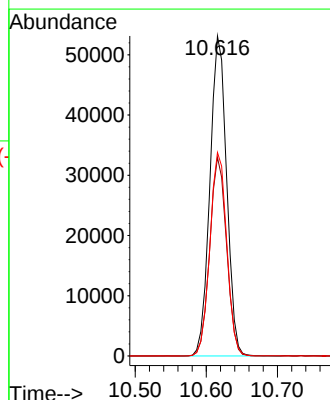
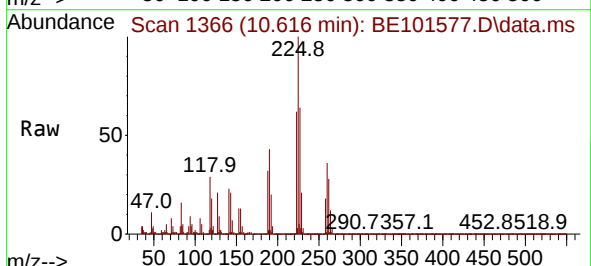
Reviewed By :Yogesh Patel 11/13/2024

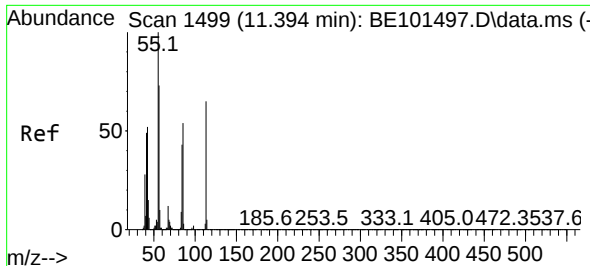
Supervised By :mohammad ahmed 11/13/2024



#34
Hexachlorobutadiene
Concen: 27.165 ng
RT: 10.616 min Scan# 1366
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

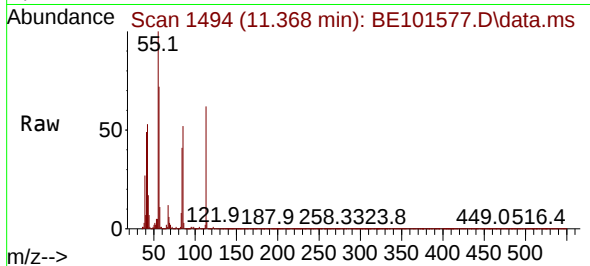
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.6
227	63.6	51.0	76.6





#35
Caprolactam
Concen: 23.407 ng m
RT: 11.368 min Scan# 1499
Delta R.T. -0.026 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

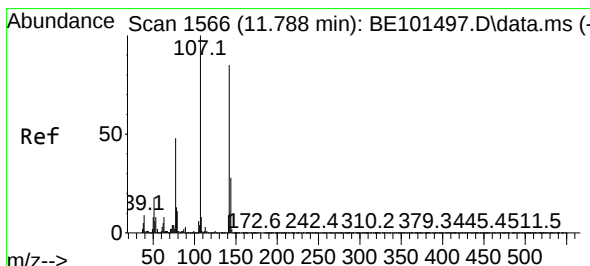
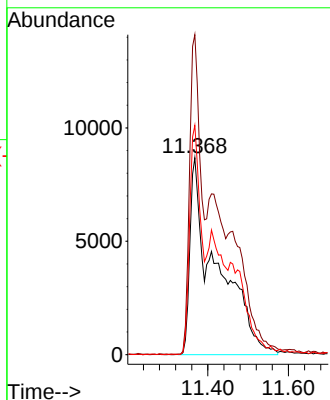
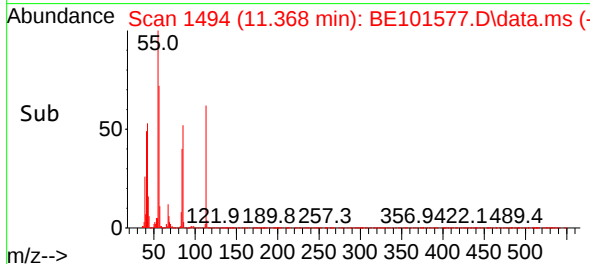
Instrument :
BNA_E
ClientSampleId :
PB164886BS



Tgt Ion:113 Resp: 3984
Ion Ratio Lower Upper
113 100
55 162.5 134.3 174.3
56 116.4 92.6 132.6

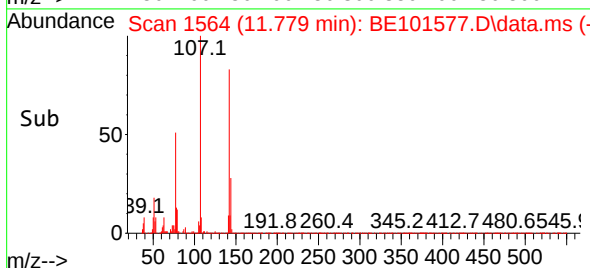
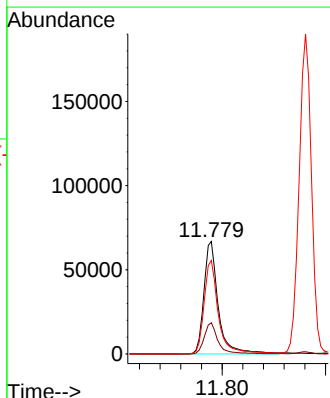
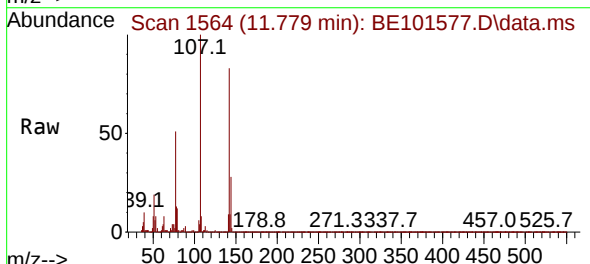
Manual Integrations
APPROVED

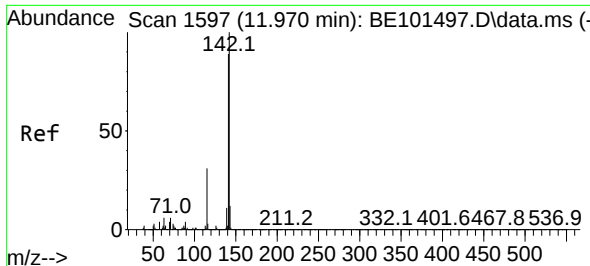
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#36
4-Chloro-3-methylphenol
Concen: 25.369 ng
RT: 11.779 min Scan# 1564
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion:107 Resp: 128418
Ion Ratio Lower Upper
107 100
144 27.7 22.4 33.6
142 83.0 68.2 102.2





#37
2-Methylnaphthalene
Concen: 27.183 ng
RT: 11.961 min Scan# 1595
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

ClientSampleId :

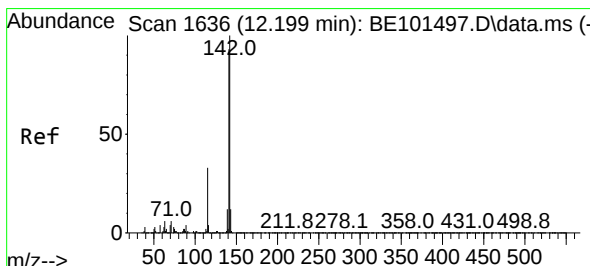
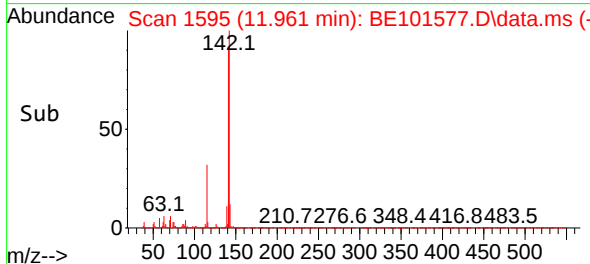
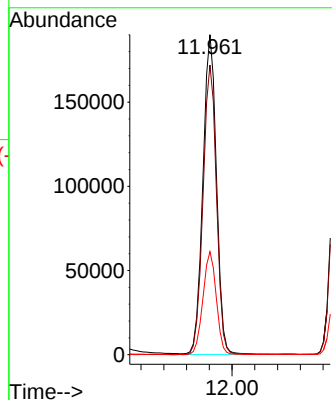
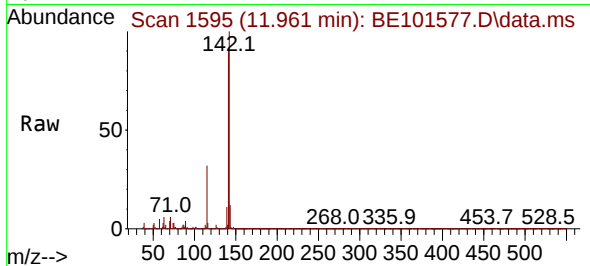
PB164886BS

Tgt Ion:142 Resp: 313900
Ion Ratio Lower Upper
142 100
141 90.5 71.3 106.9
115 32.2 25.0 37.4

Manual Integrations

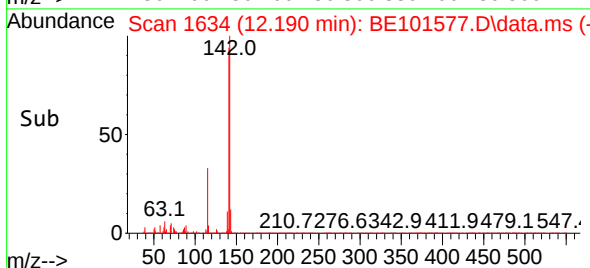
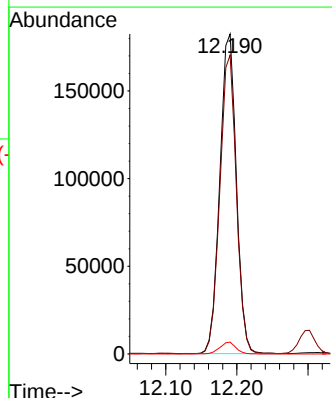
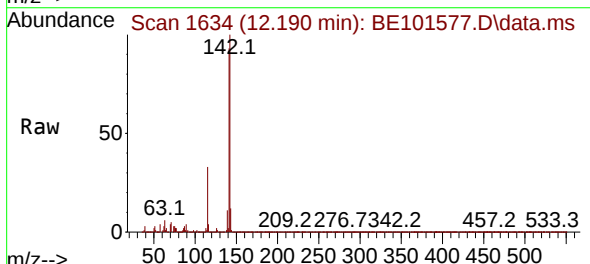
APPROVED

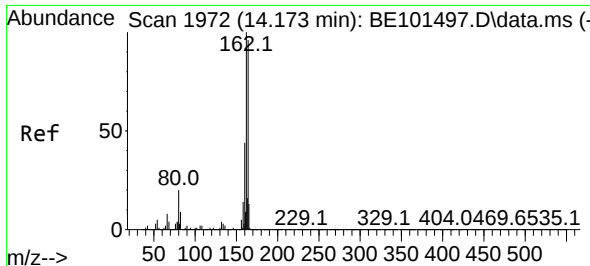
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#38
1-Methylnaphthalene
Concen: 25.469 ng
RT: 12.190 min Scan# 1634
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion:142 Resp: 293300
Ion Ratio Lower Upper
142 100
141 93.4 74.7 112.1
116 3.7 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.165 min Scan# 1972
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

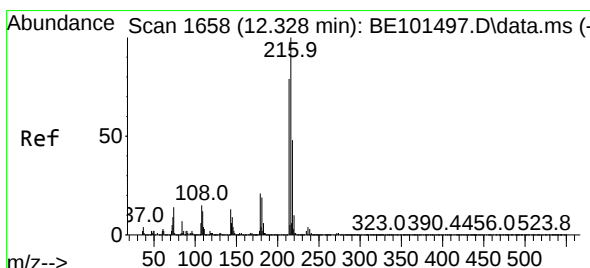
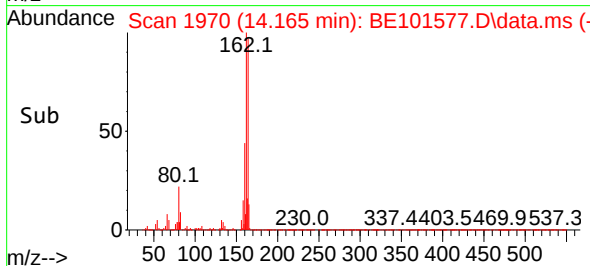
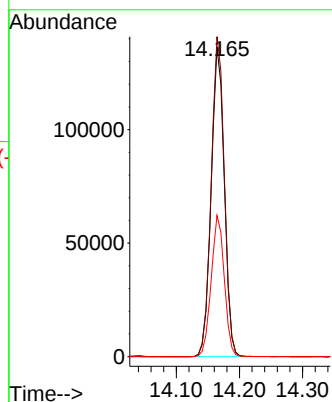
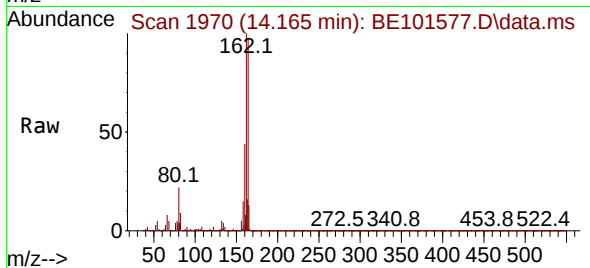
ClientSampleId :

PB164886BS

Tgt Ion:164 Resp: 195883
Ion Ratio Lower Upper
164 100
162 103.4 83.7 125.5
160 45.7 37.1 55.7

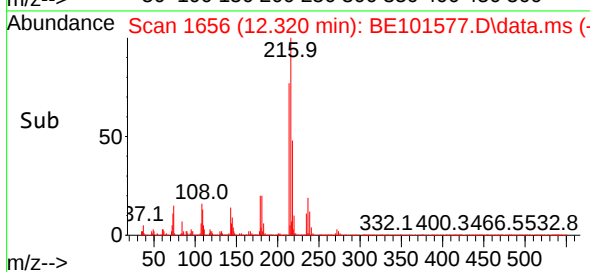
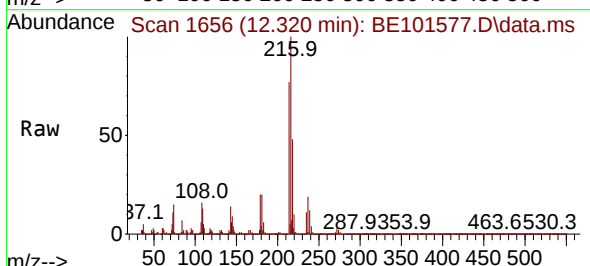
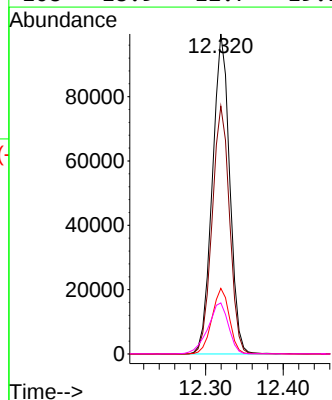
Manual Integrations
APPROVED

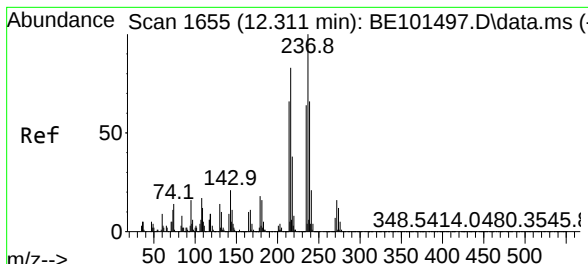
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 29.952 ng
RT: 12.320 min Scan# 1656
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion:216 Resp: 154683
Ion Ratio Lower Upper
216 100
214 78.0 62.6 93.8
179 20.6 16.4 24.6
108 18.9 12.7 19.1





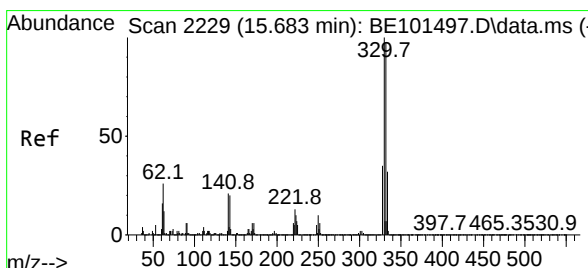
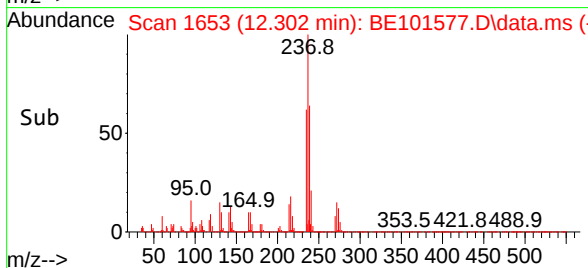
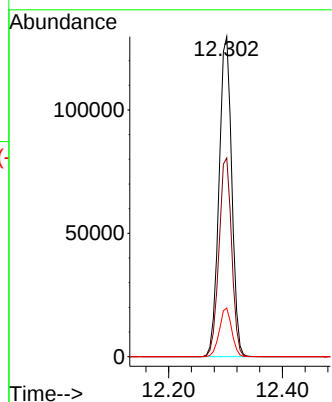
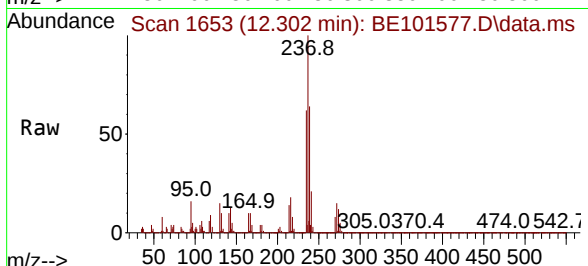
#41
Hexachlorocyclopentadiene
Concen: 133.471 ng
RT: 12.302 min Scan# 1653
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :
BNA_E
ClientSampleId :
PB164886BS

Tgt Ion: 237 Resp: 20115
Ion Ratio Lower Upper
237 100
235 62.1 43.5 83.5
272 15.2 0.0 35.6

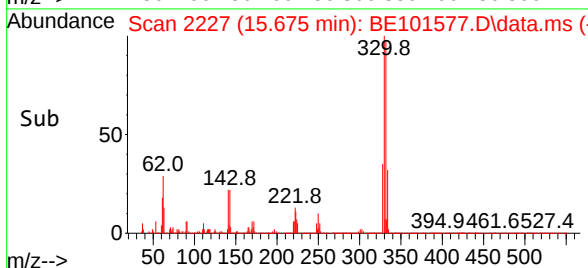
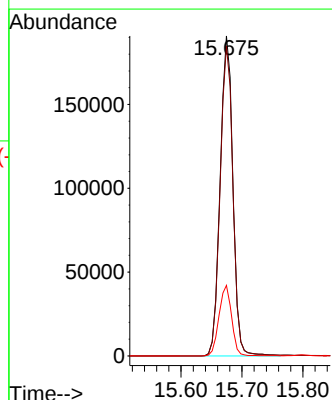
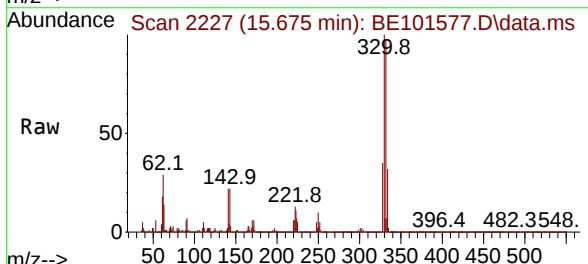
Manual Integrations
APPROVED

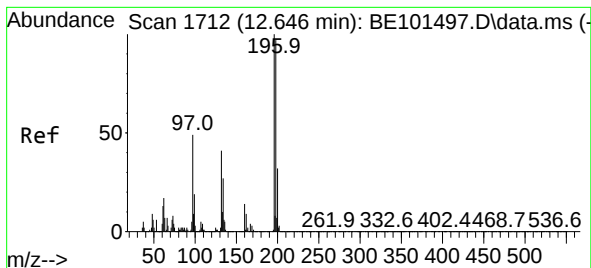
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#42
2,4,6-Tribromophenol
Concen: 74.956 ng
RT: 15.675 min Scan# 2227
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion: 330 Resp: 276282
Ion Ratio Lower Upper
330 100
332 97.8 77.7 116.5
141 21.8 17.0 25.4





#43

2,4,6-Trichlorophenol

Concen: 29.273 ng

RT: 12.637 min Scan# 1710

Delta R.T. -0.009 min

Lab File: BE101577.D

Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

ClientSampleId :

PB164886BS

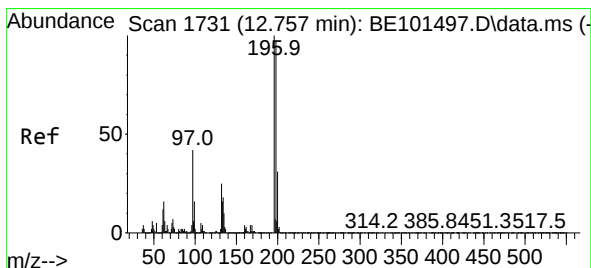
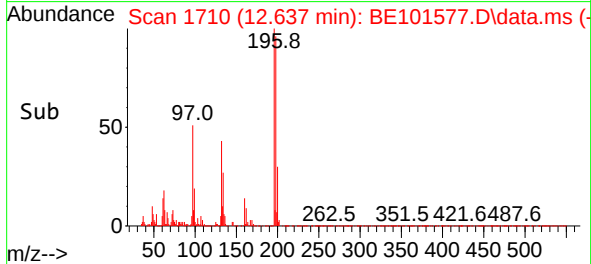
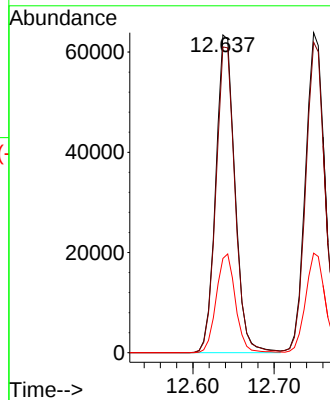
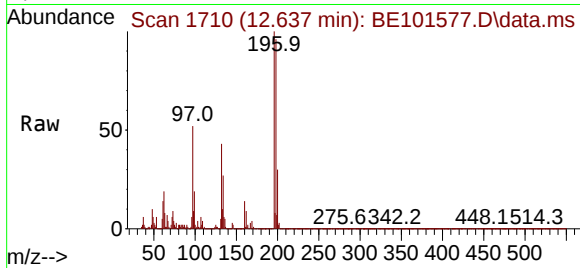
Tgt Ion:196	Resp: 10382
Ion Ratio	Lower Upper
196	100
198	96.2 77.7 116.5
200	29.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/13/2024

Supervised By :mohammad ahmed 11/13/2024



#44

2,4,5-Trichlorophenol

Concen: 28.035 ng

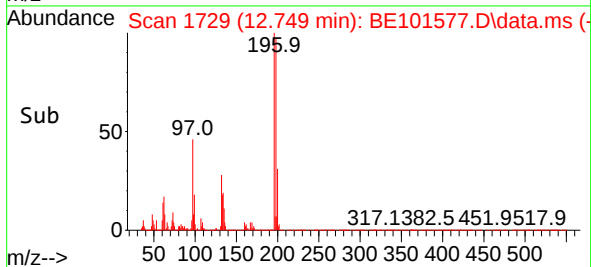
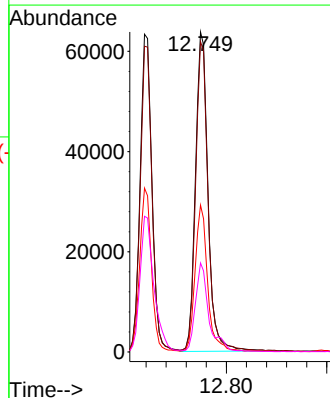
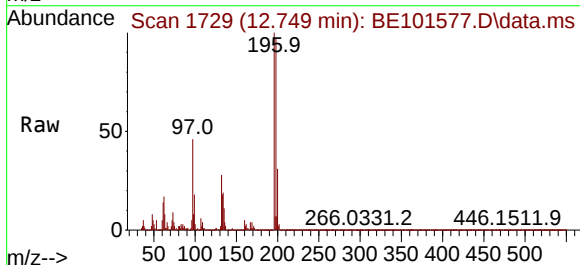
RT: 12.749 min Scan# 1729

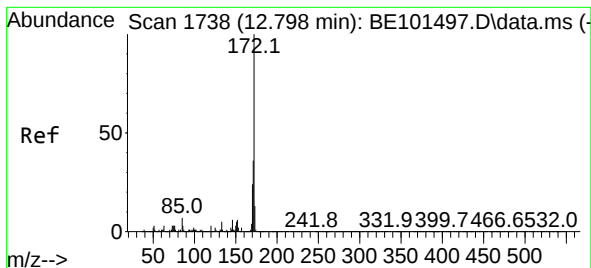
Delta R.T. -0.009 min

Lab File: BE101577.D

Acq: 12 Nov 2024 11:47

Tgt Ion:196	Resp: 110775
Ion Ratio	Lower Upper
196	100
198	97.0 77.3 115.9
97	45.9 33.4 50.0
132	27.8 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 60.234 ng

RT: 12.790 min Scan# 1736

Delta R.T. -0.009 min

Lab File: BE101577.D

Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

ClientSampleId :

PB164886BS

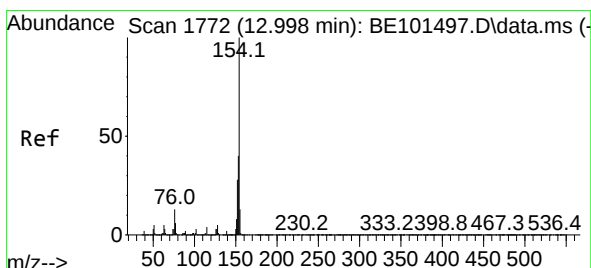
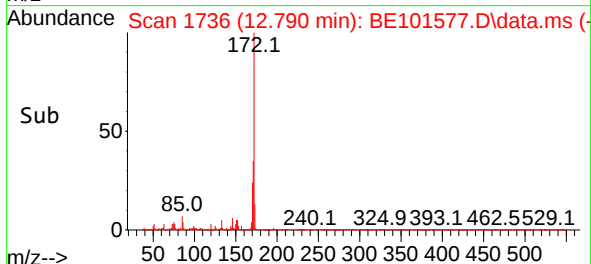
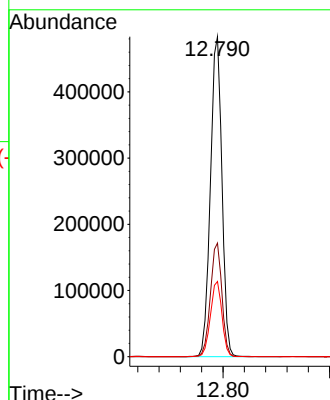
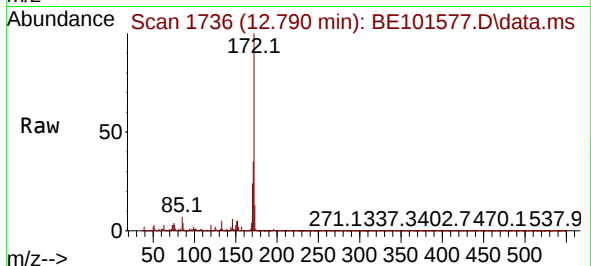
Tgt Ion:	172	Resp:	722610
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.6	43.0
170	23.5	18.9	28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/13/2024

Supervised By :mohammad ahmed 11/13/2024



#46

1,1'-Biphenyl

Concen: 29.416 ng

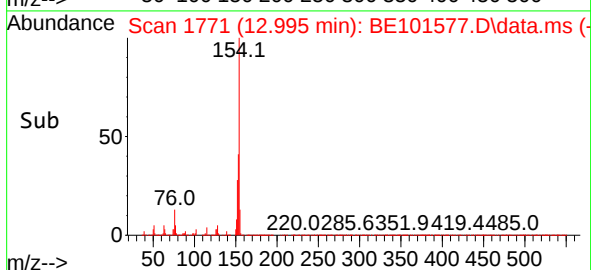
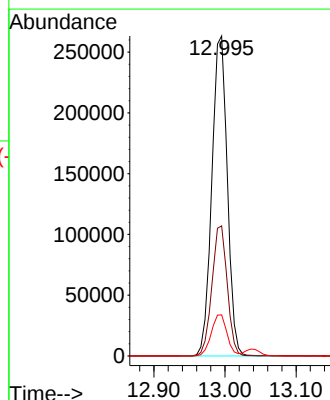
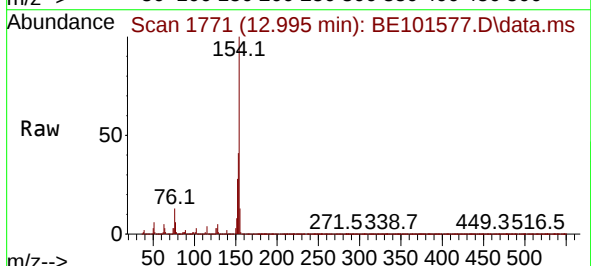
RT: 12.995 min Scan# 1771

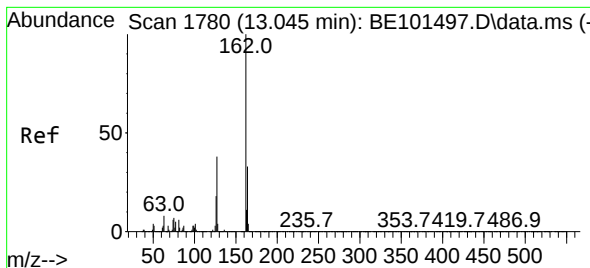
Delta R.T. -0.003 min

Lab File: BE101577.D

Acq: 12 Nov 2024 11:47

Tgt Ion:	154	Resp:	397469
Ion Ratio	Lower	Upper	
154	100		
153	40.6	19.7	59.7
76	12.8	0.0	33.0





#47
2-Chloronaphthalene
Concen: 28.683 ng
RT: 13.036 min Scan# 11
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

ClientSampleId :

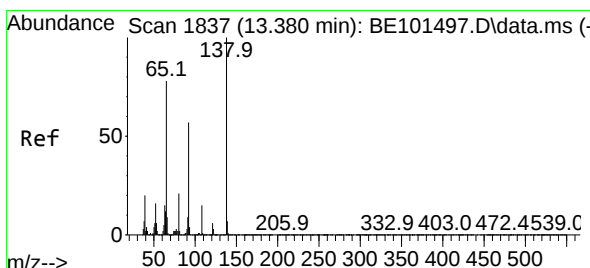
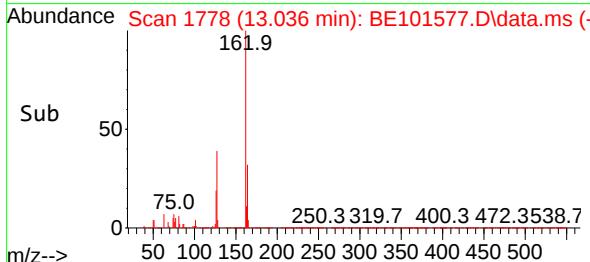
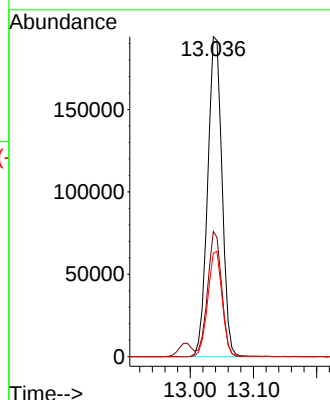
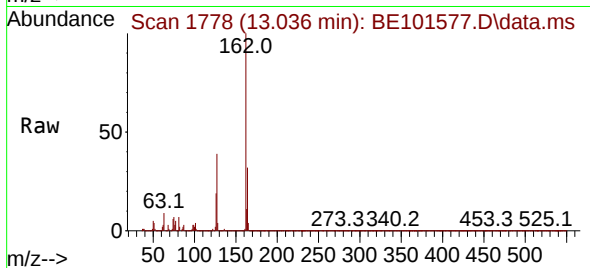
PB164886BS

Tgt Ion:162 Resp: 30567
Ion Ratio Lower Upper
162 100
127 39.1 30.2 45.4
164 32.4 26.4 39.6

Manual Integrations

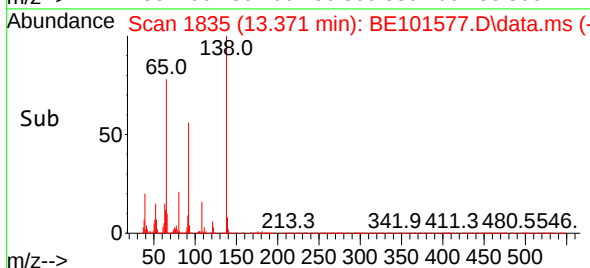
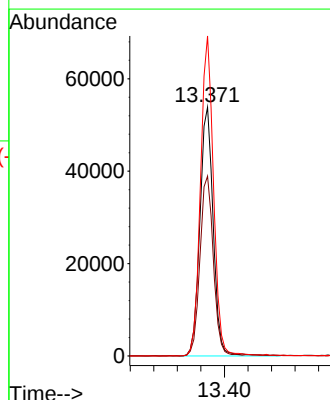
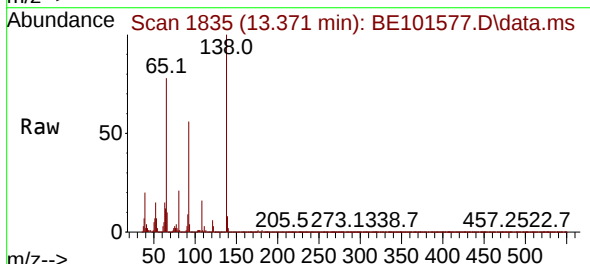
APPROVED

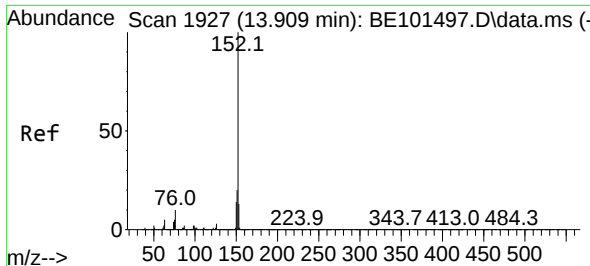
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#48
2-Nitroaniline
Concen: 29.941 ng
RT: 13.371 min Scan# 1835
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion: 65 Resp: 84462
Ion Ratio Lower Upper
65 100
92 72.3 58.9 88.3
138 128.6 103.0 154.6





#49
Acenaphthylene
Concen: 30.769 ng
RT: 13.894 min Scan# 1924
Delta R.T. -0.015 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

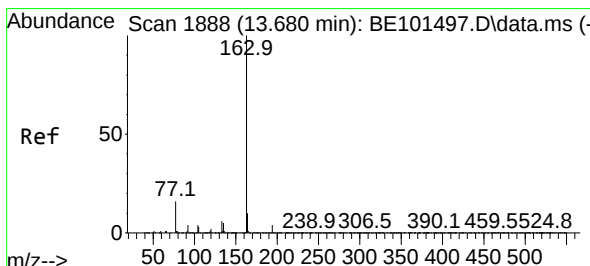
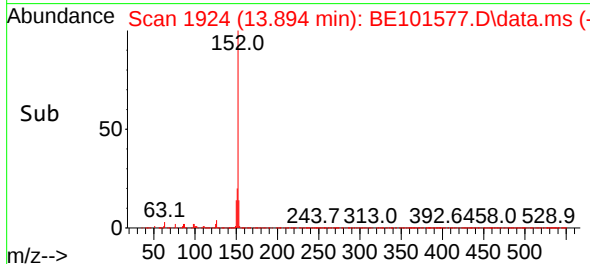
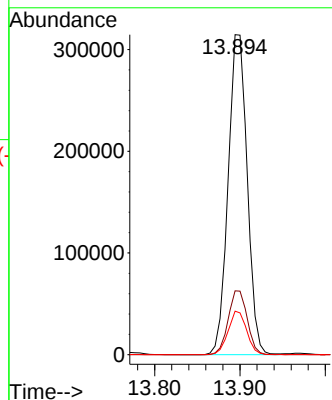
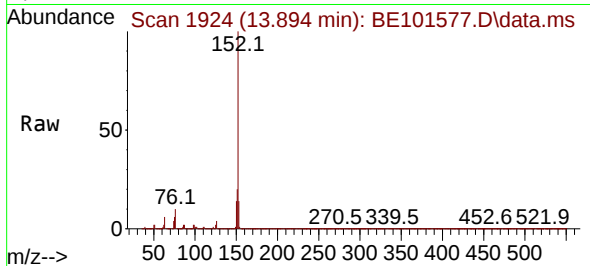
ClientSampleId :

PB164886BS

Tgt Ion:152 Resp: 48865
Ion Ratio Lower Upper
152 100
151 19.9 15.6 23.4
153 13.6 10.3 15.5

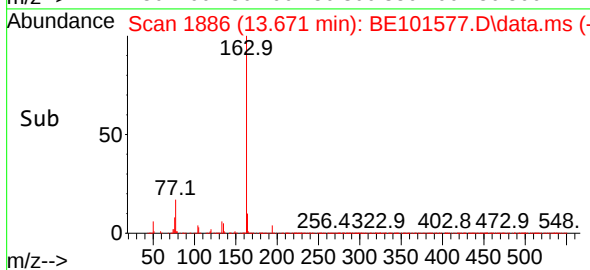
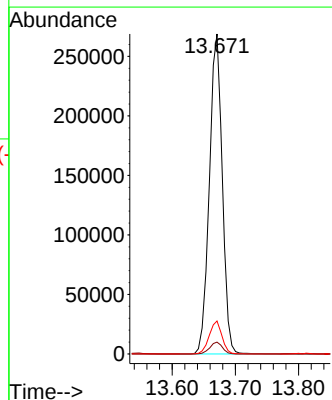
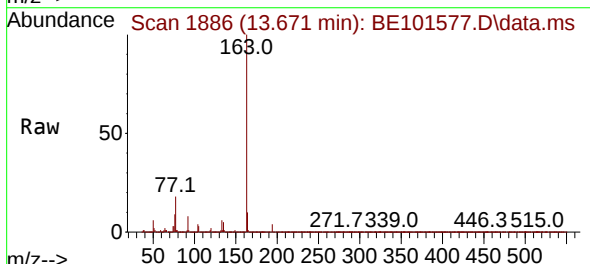
Manual Integrations
APPROVED

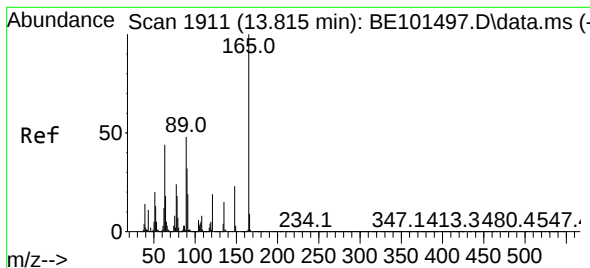
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#50
Dimethylphthalate
Concen: 27.356 ng
RT: 13.671 min Scan# 1886
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion:163 Resp: 381589
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 26.262 ng
RT: 13.806 min Scan# 1911
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

ClientSampleId :

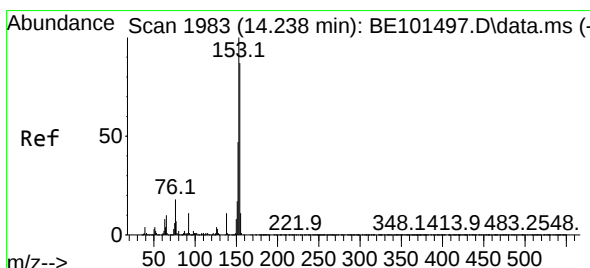
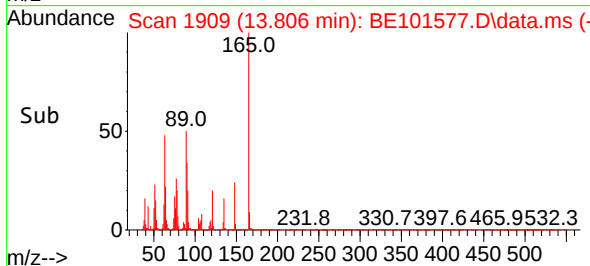
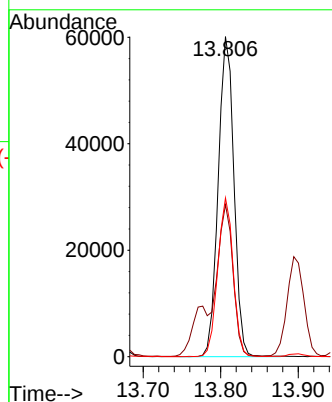
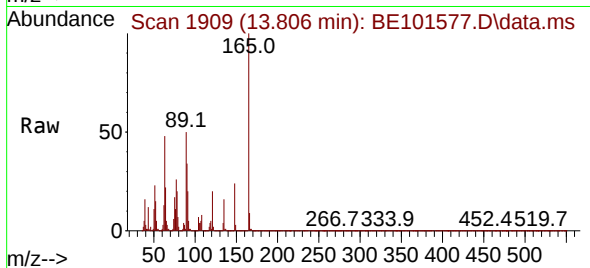
PB164886BS

Tgt Ion:165 Resp: 84548
Ion Ratio Lower Upper
165 100
63 47.5 37.2 55.8
89 49.6 38.4 57.6

Manual Integrations

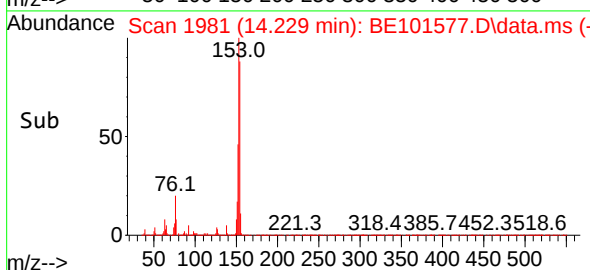
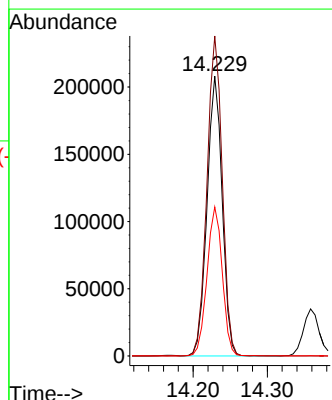
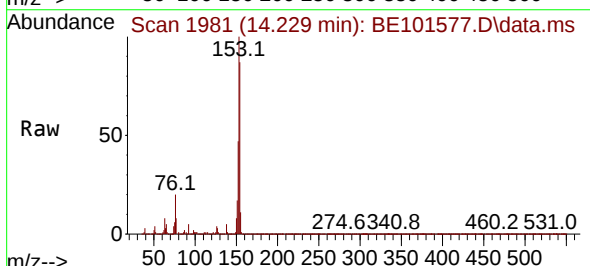
APPROVED

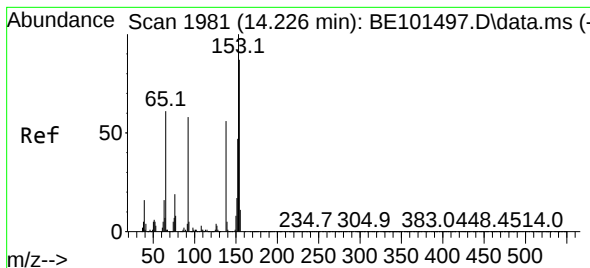
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#52
Acenaphthene
Concen: 29.132 ng
RT: 14.229 min Scan# 1981
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion:154 Resp: 295232
Ion Ratio Lower Upper
154 100
153 114.3 92.3 138.5
152 53.2 43.6 65.4





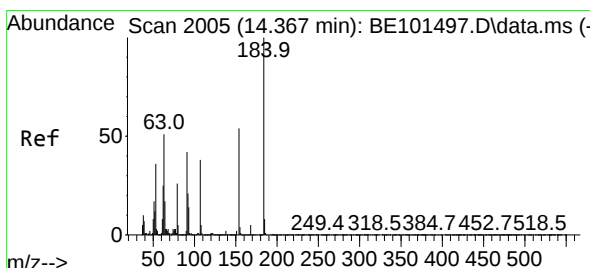
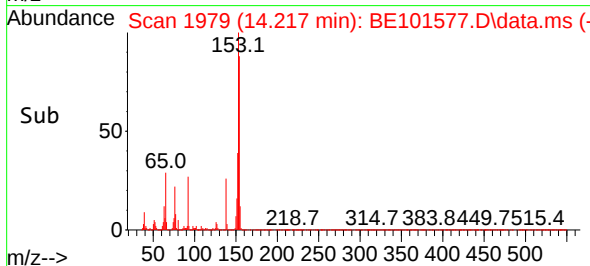
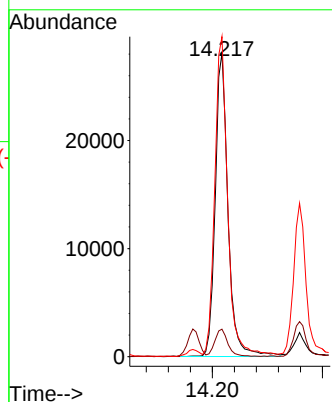
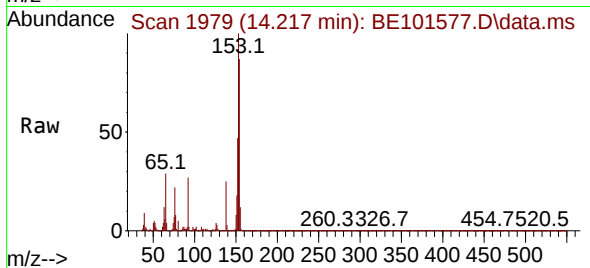
#53
3-Nitroaniline
Concen: 14.511 ng
RT: 14.217 min Scan# 1981
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :
BNA_E
ClientSampleId :
PB164886BS

Tgt Ion:138 Resp: 45354
Ion Ratio Lower Upper
138 100
108 9.1 7.2 10.8
92 105.4 83.0 124.4

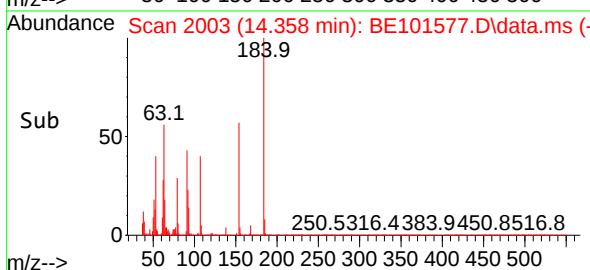
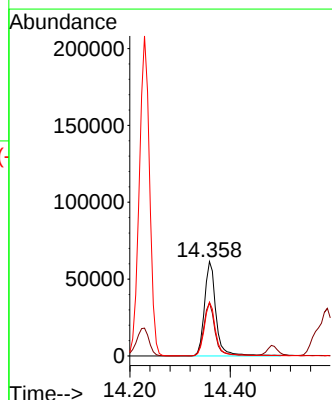
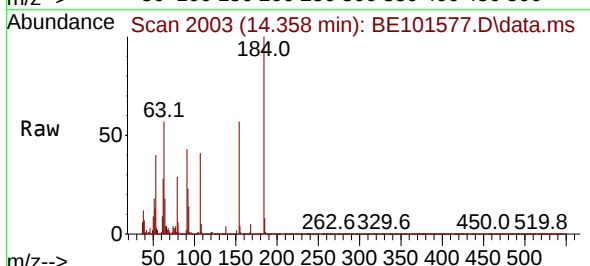
Manual Integrations
APPROVED

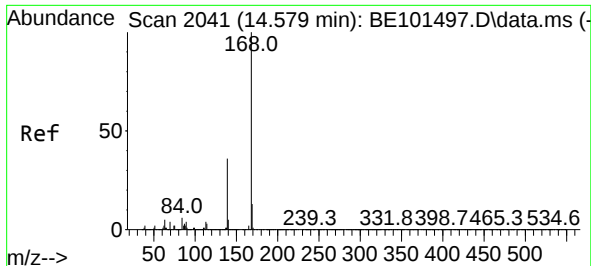
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#54
2,4-Dinitrophenol
Concen: 51.971 ng
RT: 14.358 min Scan# 2003
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion:184 Resp: 98052
Ion Ratio Lower Upper
184 100
63 56.5 41.0 61.4
154 57.0 43.2 64.8





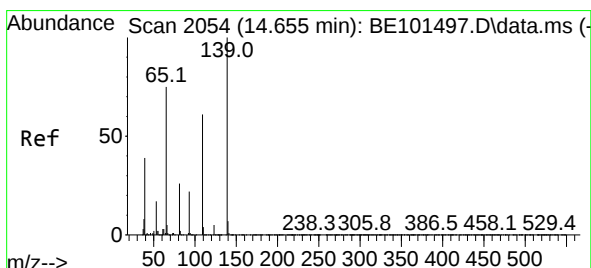
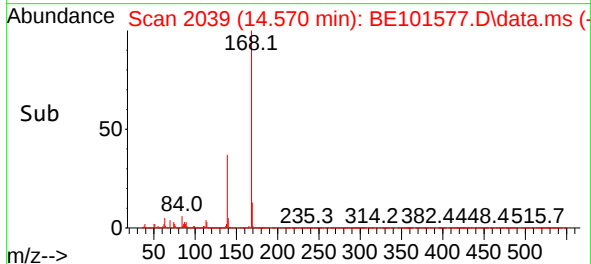
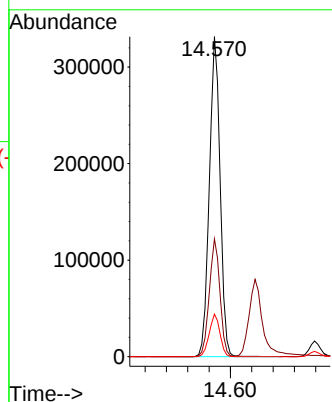
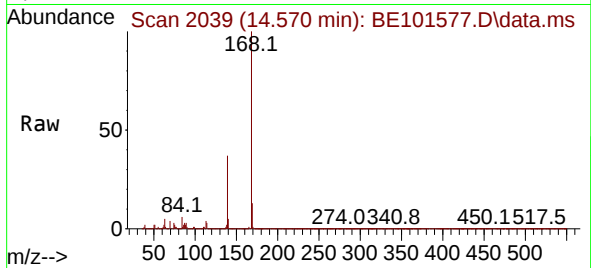
#55
Dibenzenofuran
Concen: 28.377 ng
RT: 14.570 min Scan# 2041
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :
BNA_E
ClientSampleId :
PB164886BS

Tgt Ion:168 Resp: 46311
Ion Ratio Lower Upper
168 100
139 36.8 29.1 43.7
169 13.3 10.6 16.0

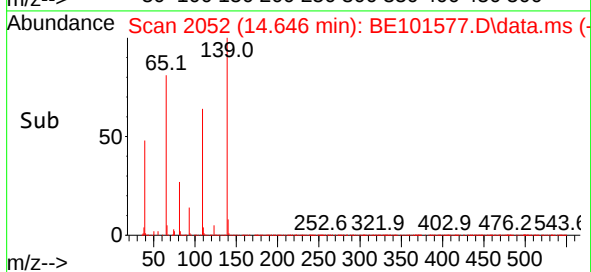
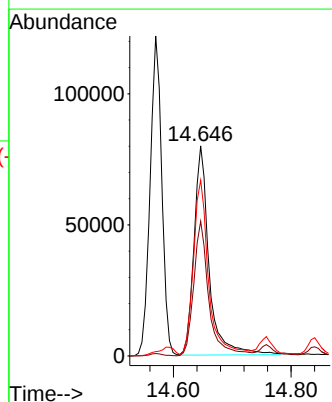
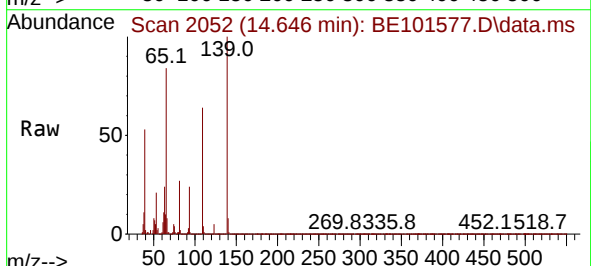
Manual Integrations
APPROVED

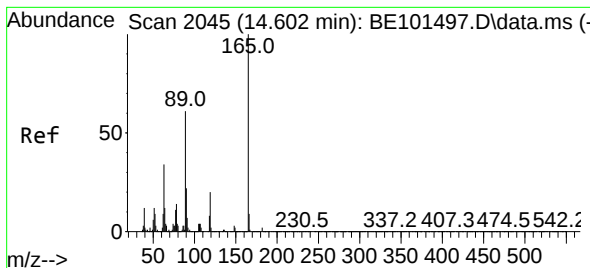
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#56
4-Nitrophenol
Concen: 55.344 ng
RT: 14.646 min Scan# 2052
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion:139 Resp: 142835
Ion Ratio Lower Upper
139 100
109 64.1 40.7 80.7
65 83.7 58.0 98.0





#57
2,4-Dinitrotoluene
Concen: 26.182 ng
RT: 14.593 min Scan# 2043
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

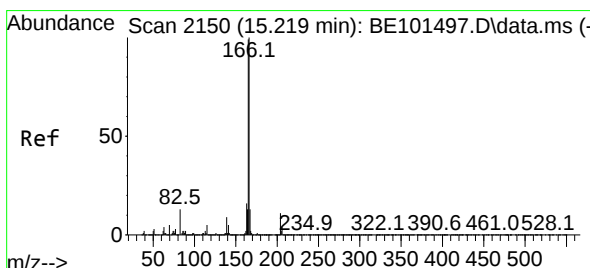
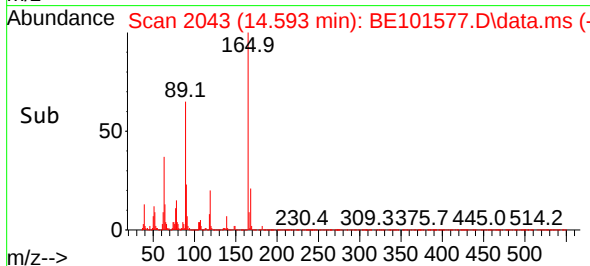
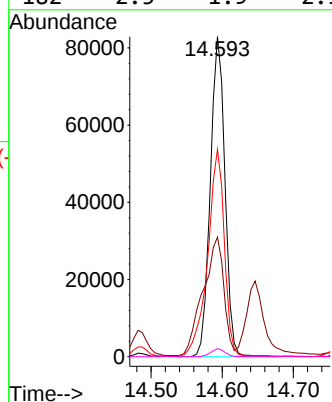
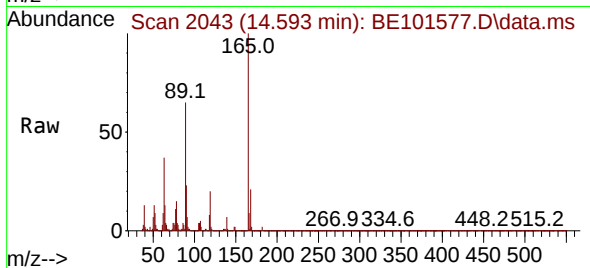
ClientSampleId :

PB164886BS

Tgt Ion:165 Resp: 11842
Ion Ratio Lower Upper
165 100
63 37.4 27.8 41.8
89 64.8 49.5 74.3
182 2.5 1.9 2.9

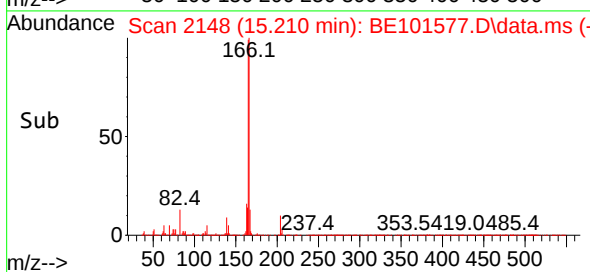
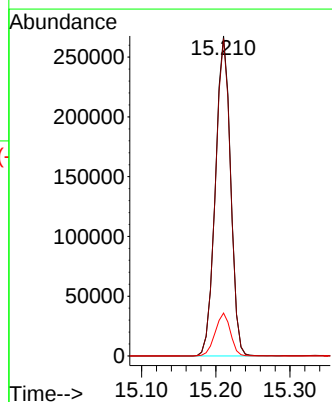
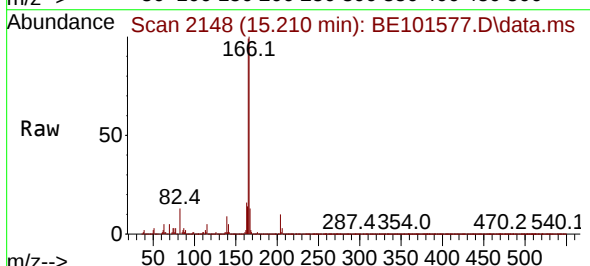
Manual Integrations
APPROVED

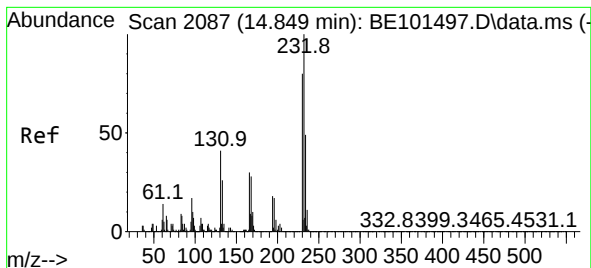
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#58
Fluorene
Concen: 27.805 ng
RT: 15.210 min Scan# 2148
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion:166 Resp: 378693
Ion Ratio Lower Upper
166 100
165 99.2 79.0 118.4
167 13.4 10.6 16.0





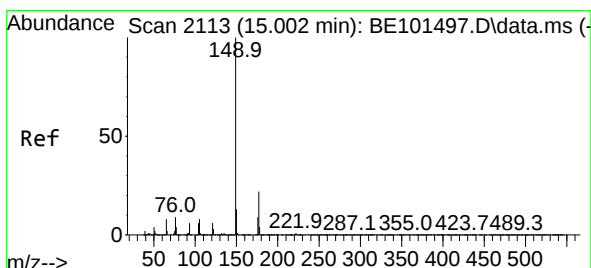
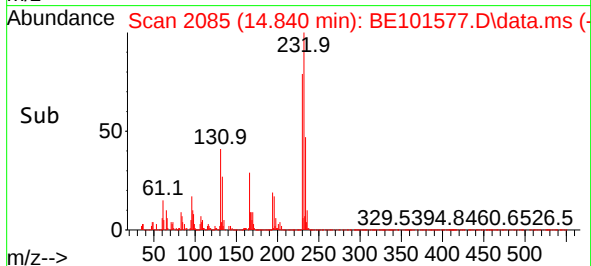
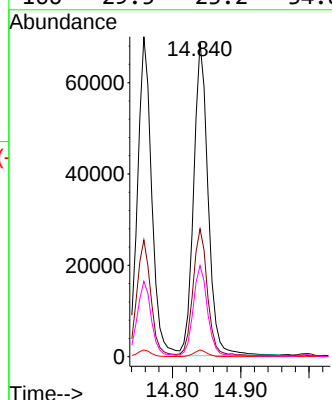
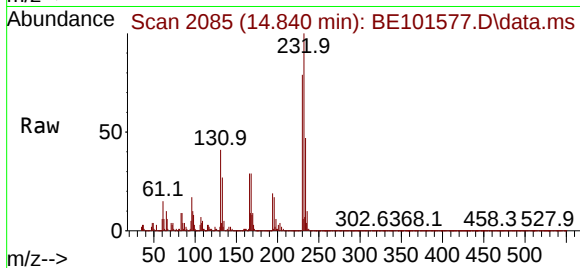
#59
2,3,4,6-Tetrachlorophenol
Concen: 27.633 ng
RT: 14.840 min Scan# 2087
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :
BNA_E
ClientSampleId :
PB164886BS

Tgt Ion:232 Resp: 10103
Ion Ratio Lower Upper
232 100
131 41.8 32.2 48.4
130 2.0 1.5 2.3
166 29.5 23.2 34.8

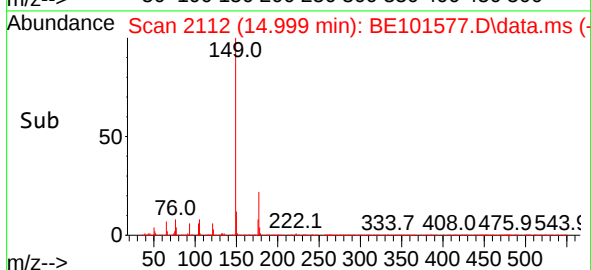
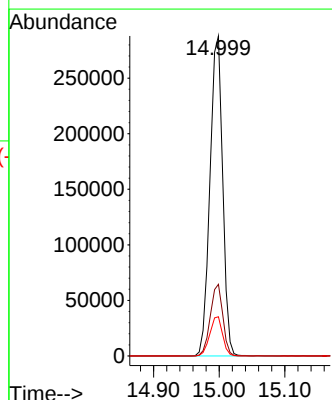
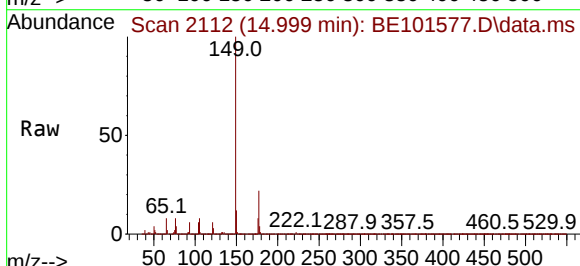
Manual Integrations
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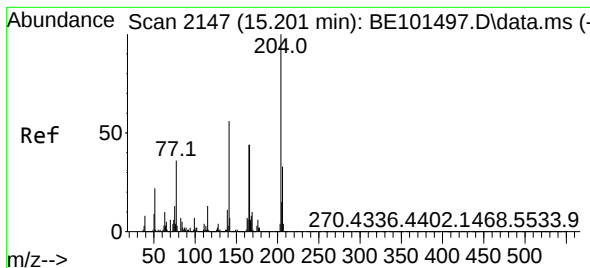
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#60
Diethylphthalate
Concen: 26.398 ng
RT: 14.999 min Scan# 2112
Delta R.T. -0.003 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion:149 Resp: 388247
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.2 10.0 15.0





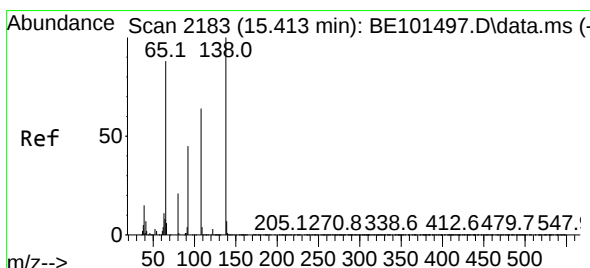
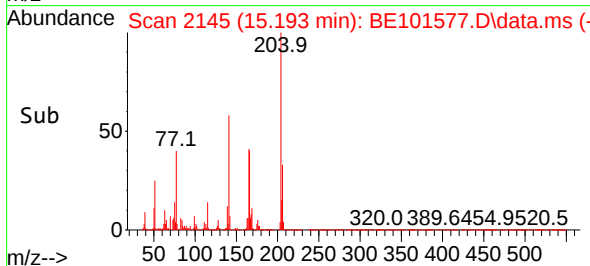
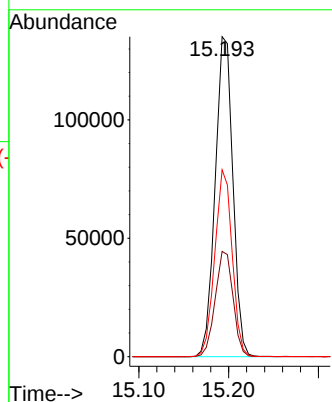
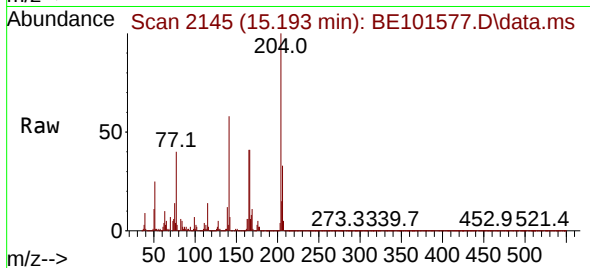
#61
4-Chlorophenyl-phenylether
Concen: 26.761 ng
RT: 15.193 min Scan# 2145
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :
BNA_E
ClientSampleId :
PB164886BS

Tgt Ion:204 Resp: 185080
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 58.4 44.8 67.2

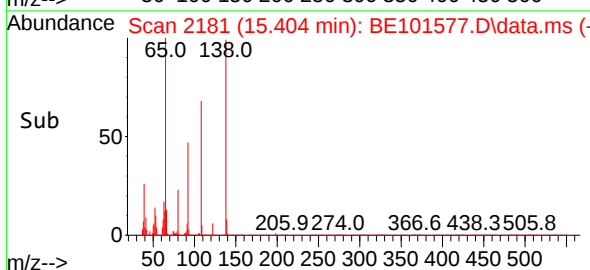
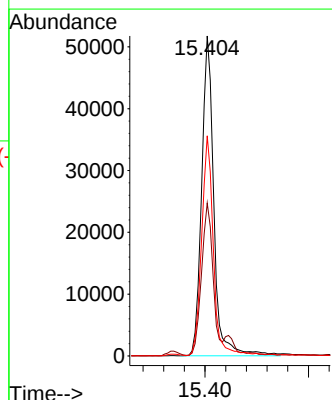
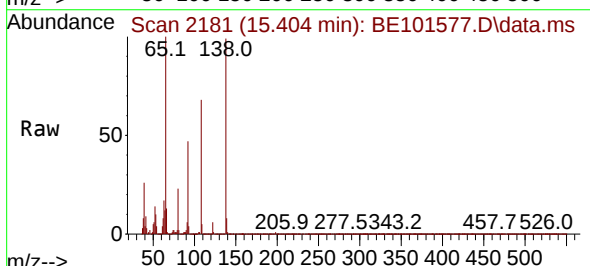
Manual Integrations
APPROVED

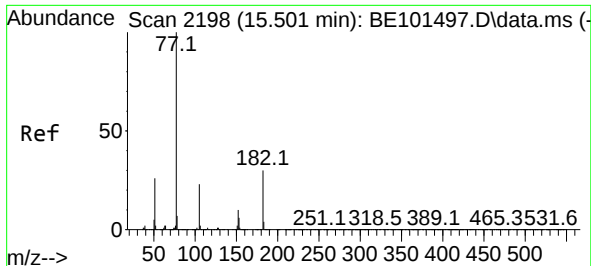
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#62
4-Nitroaniline
Concen: 25.198 ng
RT: 15.404 min Scan# 2181
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion:138 Resp: 84850
Ion Ratio Lower Upper
138 100
92 47.8 25.7 65.7
108 68.8 44.4 84.4





#63
Azobenzene
Concen: 28.675 ng
RT: 15.492 min Scan# 2198
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

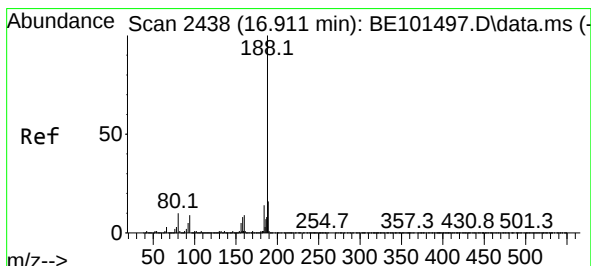
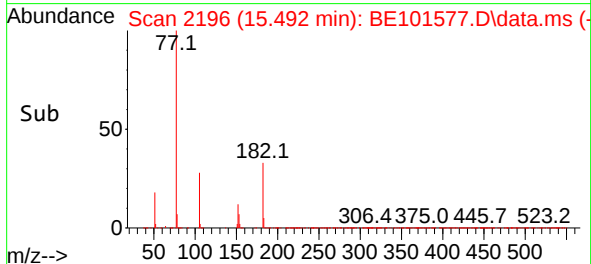
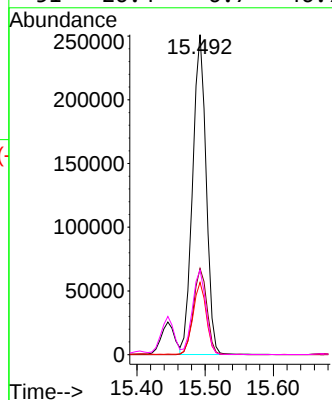
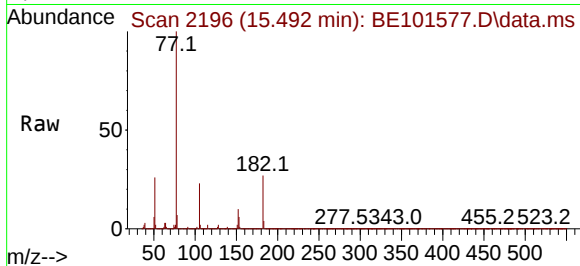
ClientSampleId :

PB164886BS

Tgt Ion: 77 Resp: 34406
Ion Ratio Lower Upper
77 100
182 27.0 9.1 49.1
105 22.6 3.2 43.2
51 26.4 6.7 46.7

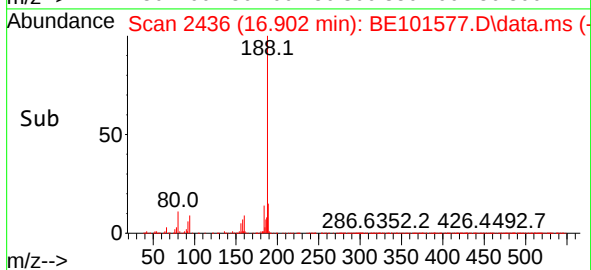
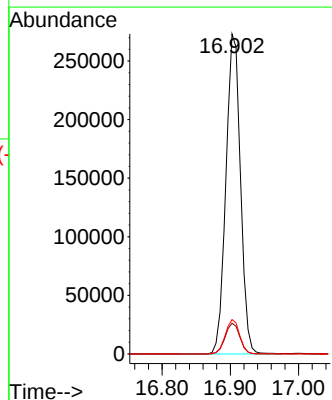
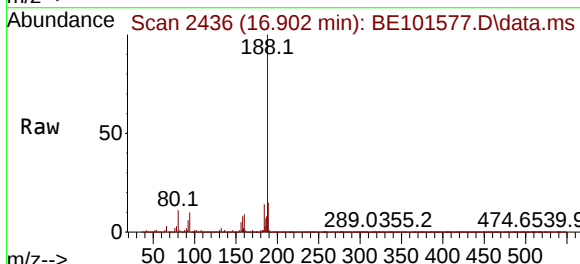
Manual Integrations
APPROVED

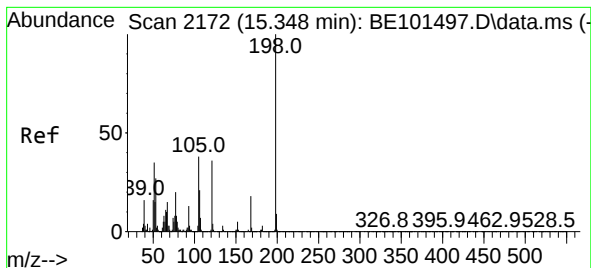
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.902 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion:188 Resp: 405279
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.8 8.0 12.0





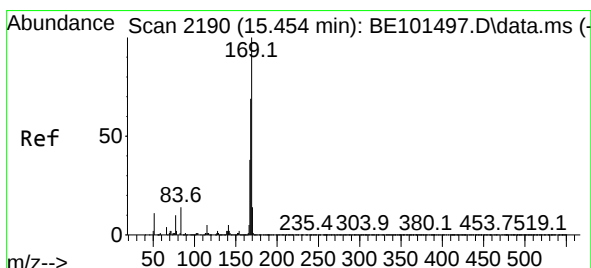
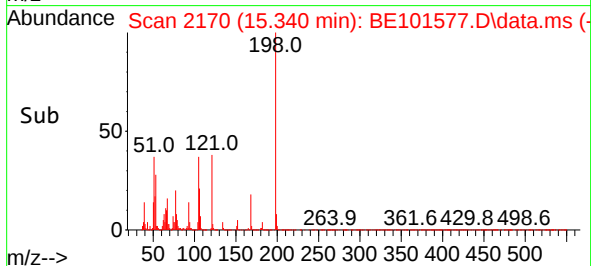
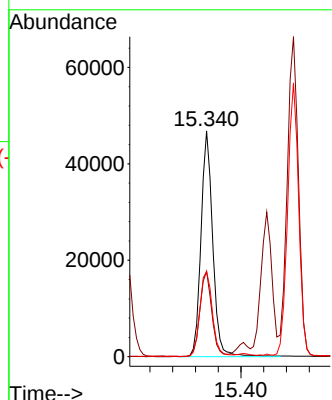
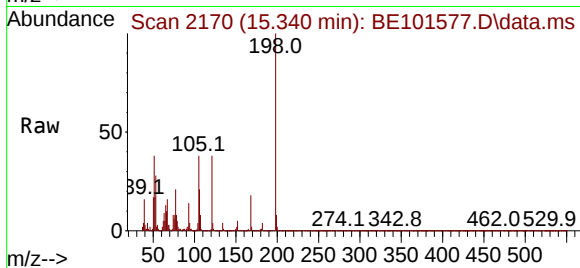
#65
4,6-Dinitro-2-methylphenol
Concen: 27.926 ng
RT: 15.340 min Scan# 2172
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :
BNA_E
ClientSampleId :
PB164886BS

Tgt Ion:198 Resp: 67184
Ion Ratio Lower Upper
198 100
51 37.8 15.3 55.3
105 37.8 18.5 58.5

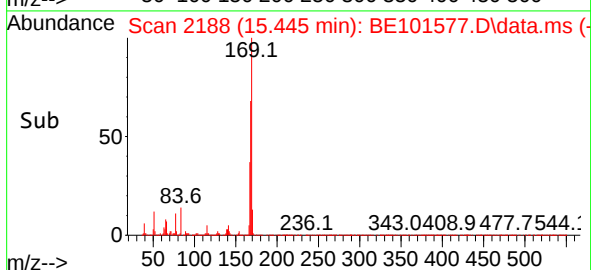
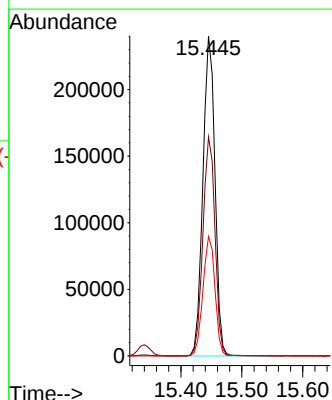
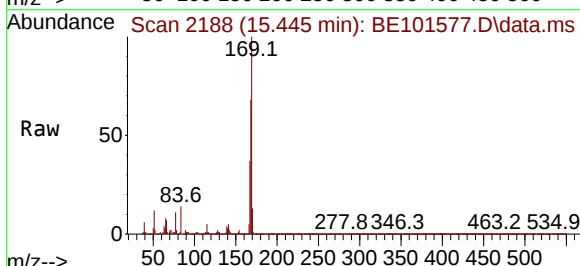
Manual Integrations
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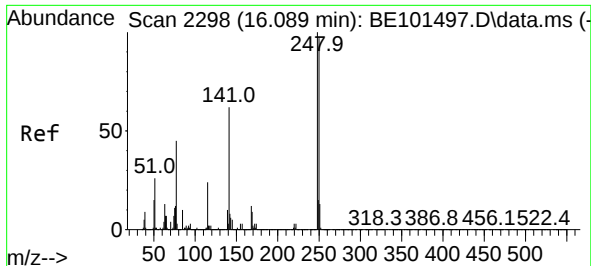
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#66
n-Nitrosodiphenylamine
Concen: 30.632 ng
RT: 15.445 min Scan# 2188
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion:169 Resp: 329458
Ion Ratio Lower Upper
169 100
168 68.5 55.5 83.3
167 37.4 30.4 45.6





#67
4-Bromophenyl-phenylether
Concen: 28.518 ng
RT: 16.080 min Scan# 211
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

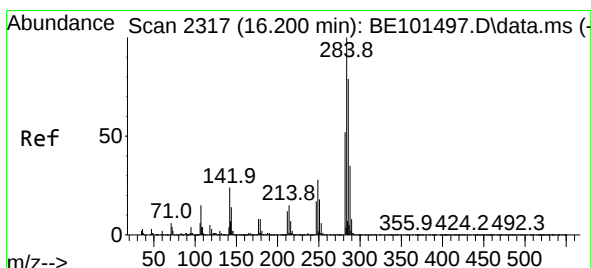
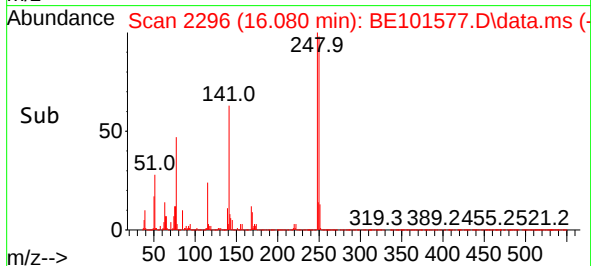
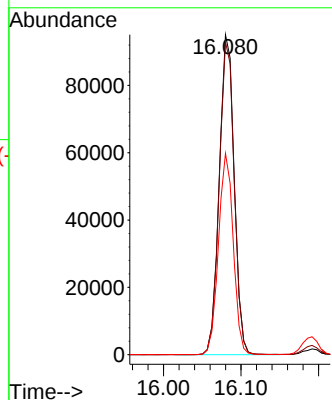
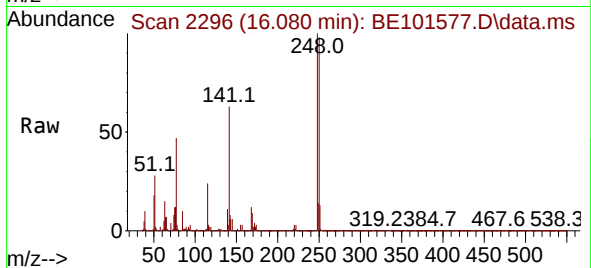
ClientSampleId :

PB164886BS

Tgt Ion:248 Resp: 12747
Ion Ratio Lower Upper
248 100
250 97.7 78.0 117.0
141 62.9 50.0 75.0

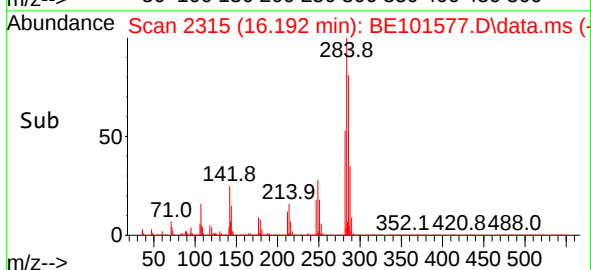
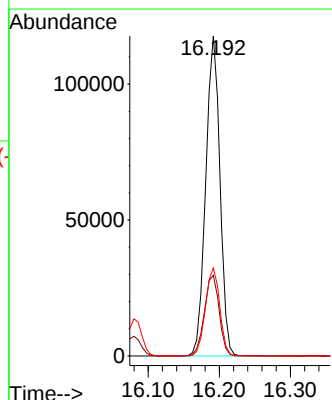
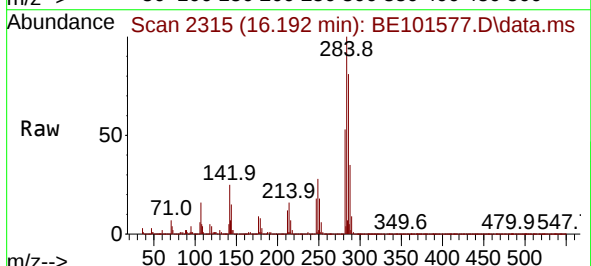
Manual Integrations
APPROVED

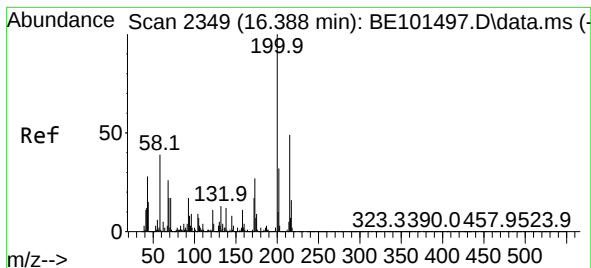
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#68
Hexachlorobenzene
Concen: 27.791 ng
RT: 16.192 min Scan# 2315
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion:284 Resp: 163486
Ion Ratio Lower Upper
284 100
142 25.2 19.4 29.2
249 27.5 22.4 33.6





#69

Atrazine

Concen: 37.161 ng

RT: 16.380 min Scan# 21

Delta R.T. -0.009 min

Lab File: BE101577.D

Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

ClientSampleId :

PB164886BS

Tgt Ion:200 Resp: 11800

Ion Ratio Lower Upper

200 100

173 26.5 7.4 47.4

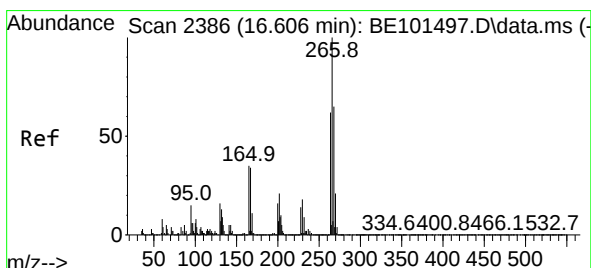
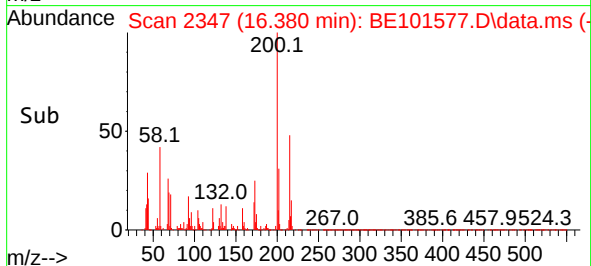
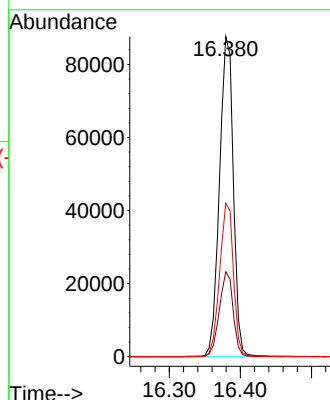
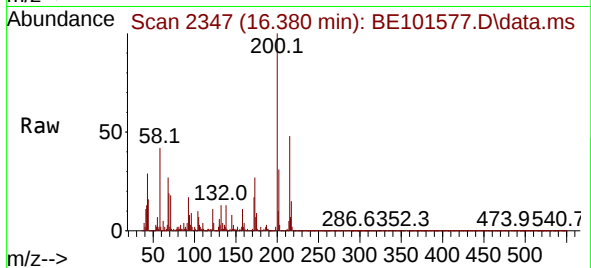
215 47.9 28.9 68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/13/2024

Supervised By :mohammad ahmed 11/13/2024



#70

Pentachlorophenol

Concen: 54.971 ng

RT: 16.603 min Scan# 2385

Delta R.T. -0.003 min

Lab File: BE101577.D

Acq: 12 Nov 2024 11:47

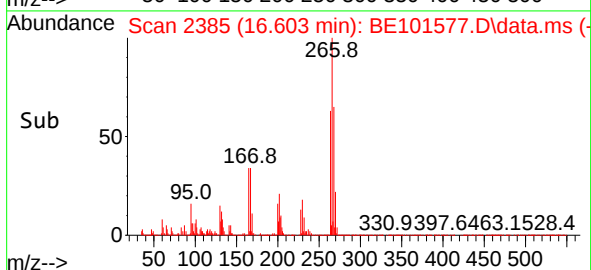
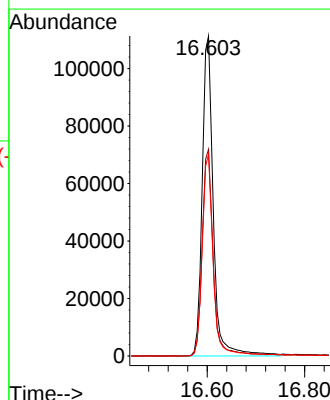
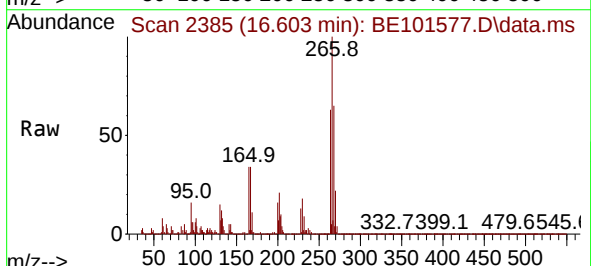
Tgt Ion:266 Resp: 175462

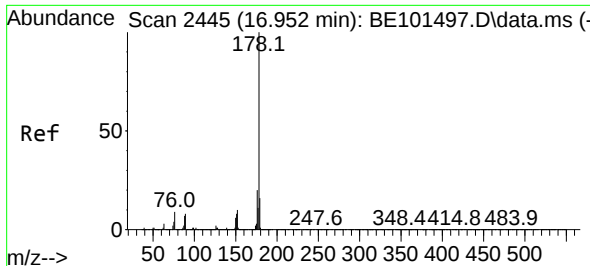
Ion Ratio Lower Upper

266 100

268 64.6 52.0 78.0

264 63.1 49.6 74.4





#71
Phenanthrene
Concen: 29.751 ng
RT: 16.944 min Scan# 2445
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

ClientSampleId :

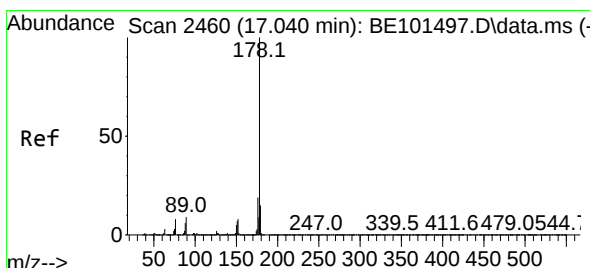
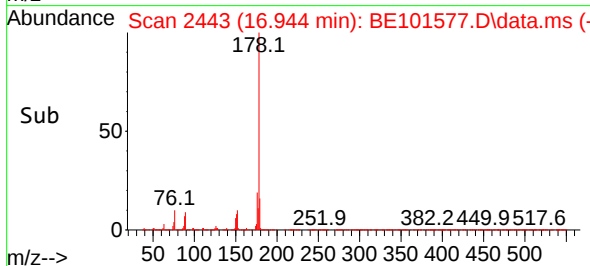
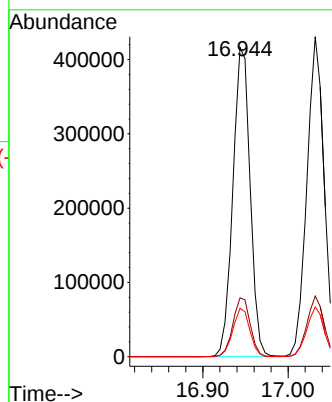
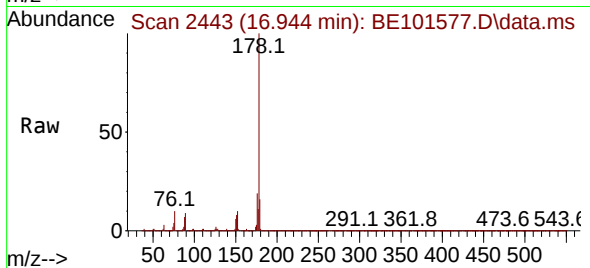
PB164886BS

Tgt Ion:178 Resp: 586440
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.6 12.6 19.0

Manual Integrations

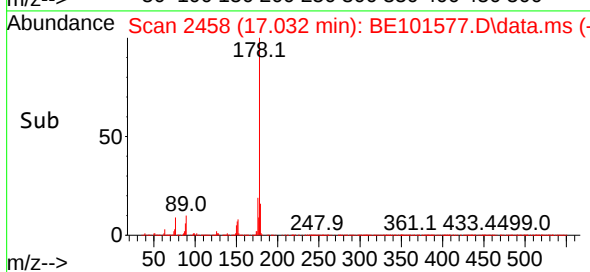
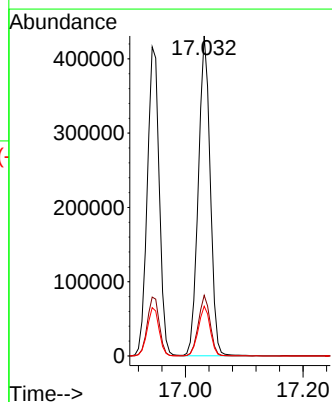
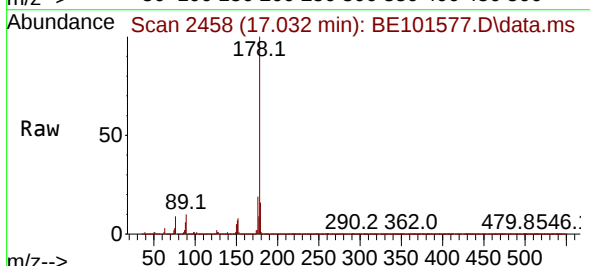
APPROVED

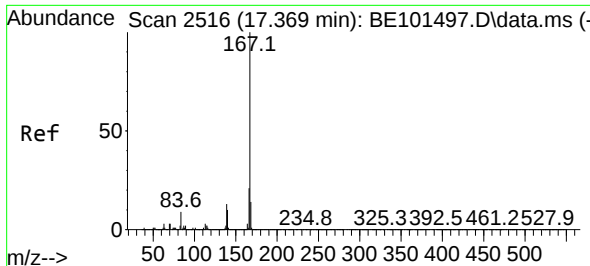
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#72
Anthracene
Concen: 31.005 ng
RT: 17.032 min Scan# 2458
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion:178 Resp: 603529
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 28.539 ng
 RT: 17.361 min Scan# 2516
 Delta R.T. -0.009 min
 Lab File: BE101577.D
 Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

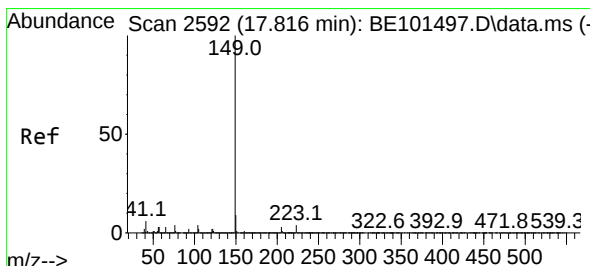
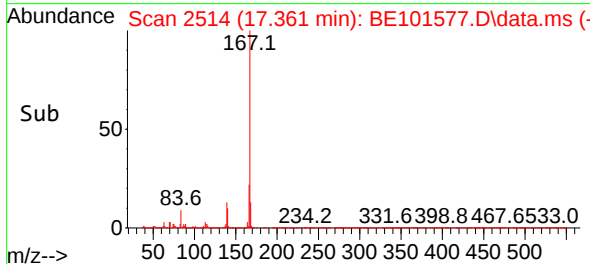
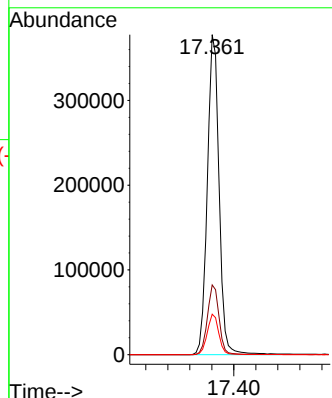
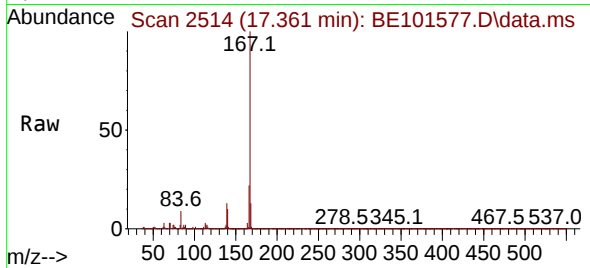
ClientSampleId :

PB164886BS

Tgt Ion:167 Resp: 557098
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 12.6 10.2 15.2

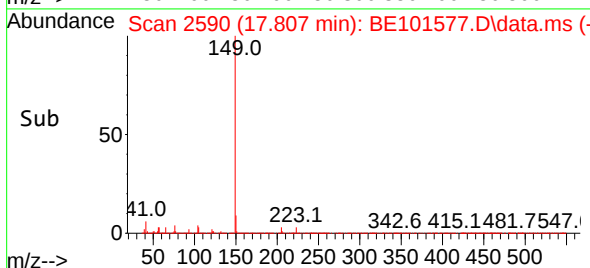
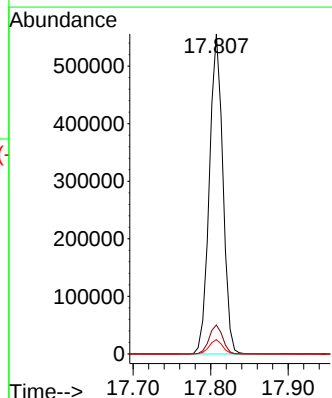
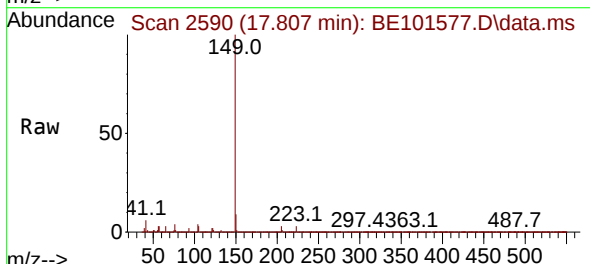
Manual Integrations
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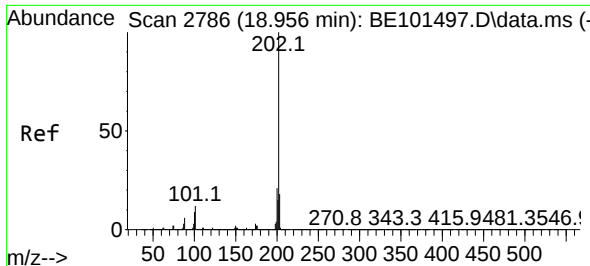
Reviewed By :Yogesh Patel 11/13/2024
 Supervised By :mohammad ahmed 11/13/2024



#74
 Di-n-butylphthalate
 Concen: 27.867 ng
 RT: 17.807 min Scan# 2590
 Delta R.T. -0.009 min
 Lab File: BE101577.D
 Acq: 12 Nov 2024 11:47

Tgt Ion:149 Resp: 671792
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.5 3.4 5.2





#75
Fluoranthene
Concen: 27.262 ng
RT: 18.953 min Scan# 21
Delta R.T. -0.003 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

ClientSampleId :

PB164886BS

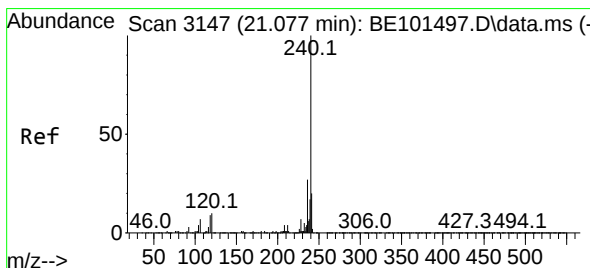
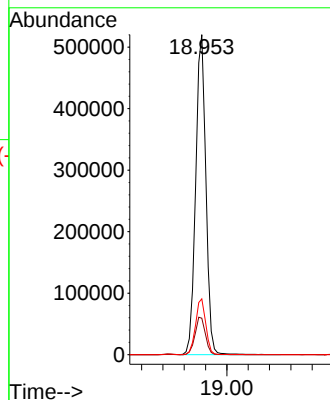
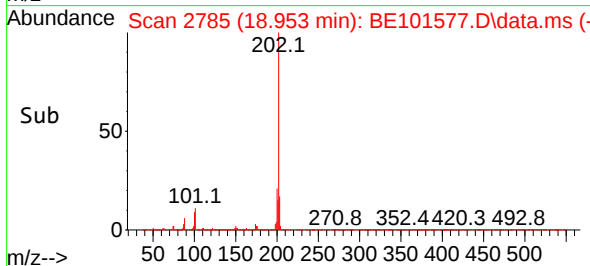
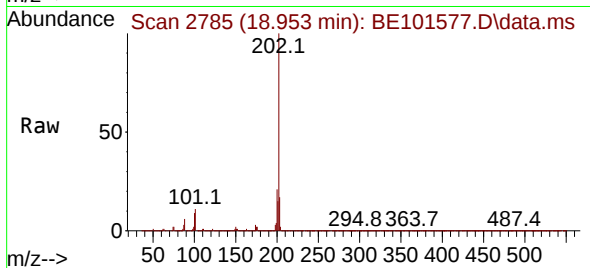
Tgt Ion:202 Resp: 688994
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.7
203 17.4 0.0 37.8

Manual Integrations

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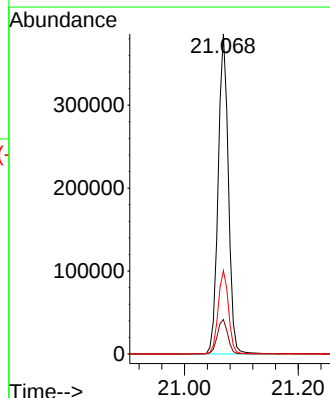
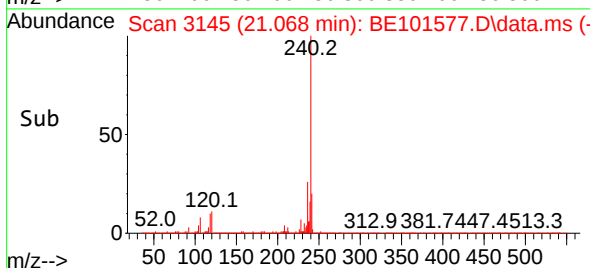
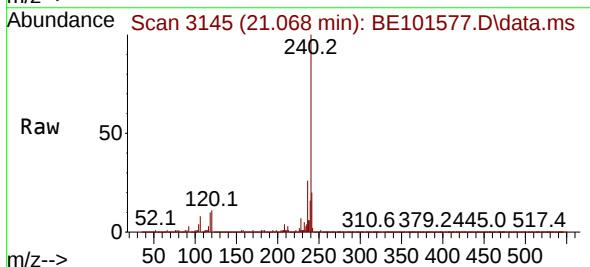
Reviewed By :Yogesh Patel 11/13/2024

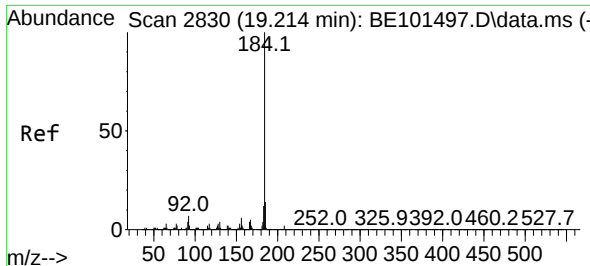
Supervised By :mohammad ahmed 11/13/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.068 min Scan# 3145
Delta R.T. -0.009 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion:240 Resp: 479106
Ion Ratio Lower Upper
240 100
120 10.7 8.2 12.4
236 26.1 21.4 32.2





#77
Benzidine
Concen: 28.152 ng
RT: 19.206 min Scan# 2828
Delta R.T. -0.008 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

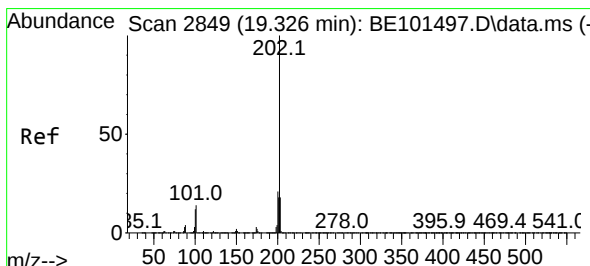
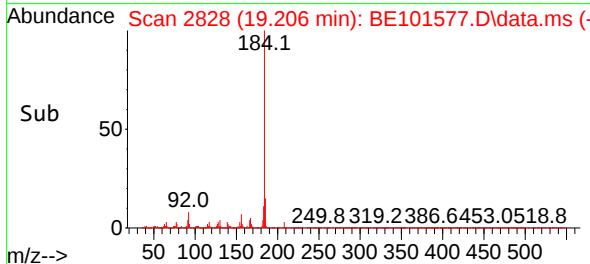
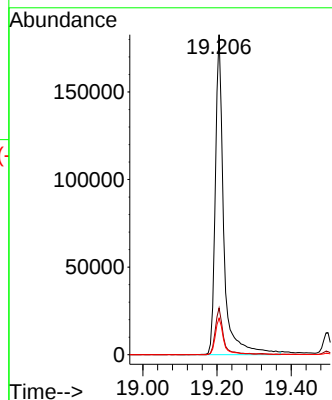
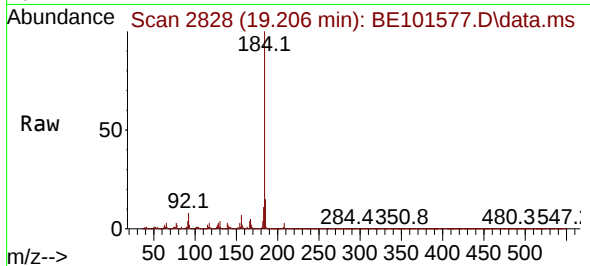
ClientSampleId :

PB164886BS

Tgt Ion:184 Resp: 289728
Ion Ratio Lower Upper
184 100
185 14.6 11.2 16.8
183 11.4 9.4 14.0

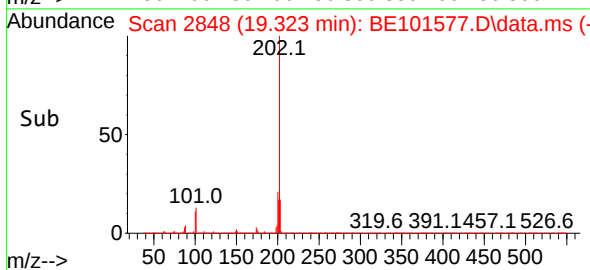
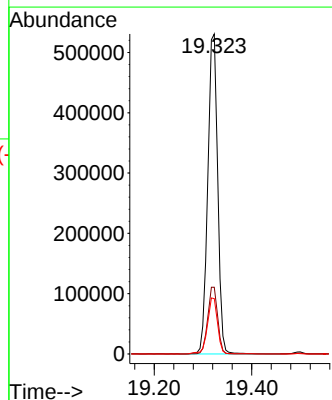
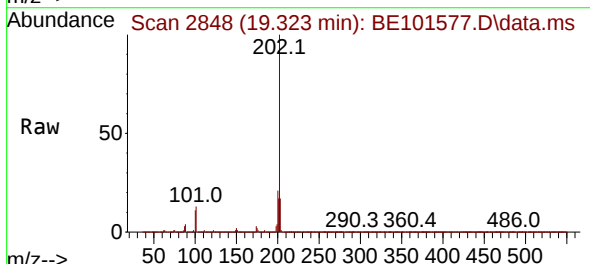
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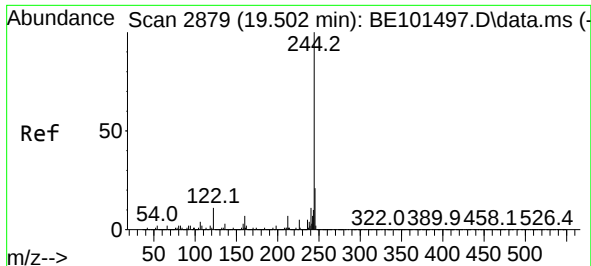
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#78
Pyrene
Concen: 27.330 ng
RT: 19.323 min Scan# 2848
Delta R.T. -0.003 min
Lab File: BE101577.D
Acq: 12 Nov 2024 11:47

Tgt Ion:202 Resp: 745036
Ion Ratio Lower Upper
202 100
200 20.9 17.2 25.8
203 17.3 14.2 21.4





#79
 Terphenyl-d14
 Concen: 58.297 ng
 RT: 19.499 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BE101577.D
 Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

ClientSampleId :

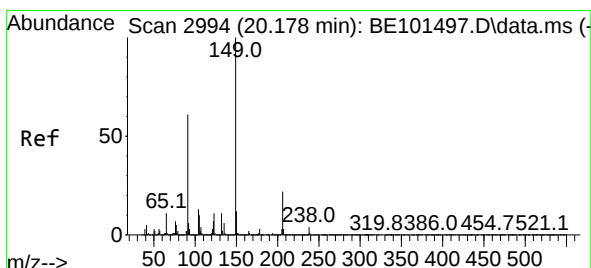
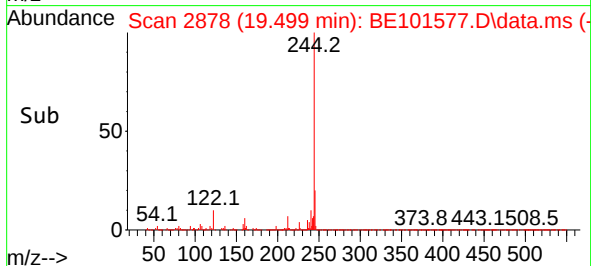
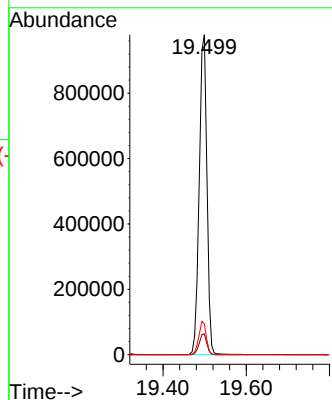
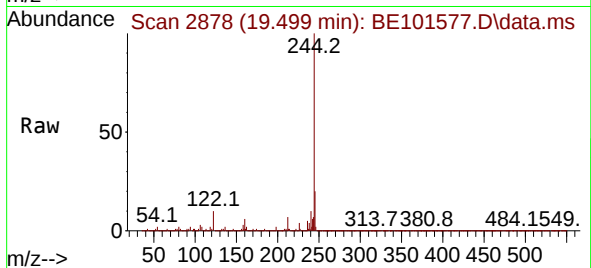
PB164886BS

Tgt Ion:244 Resp: 126178
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.8
 122 9.7 8.4 12.6

Manual Integrations

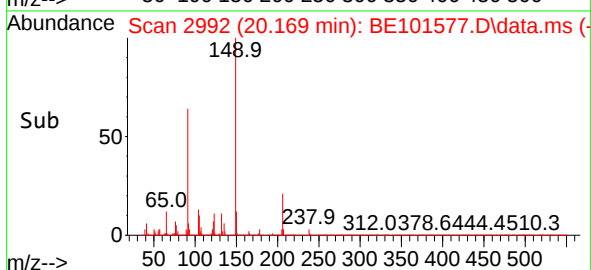
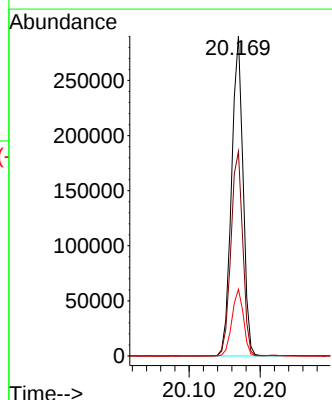
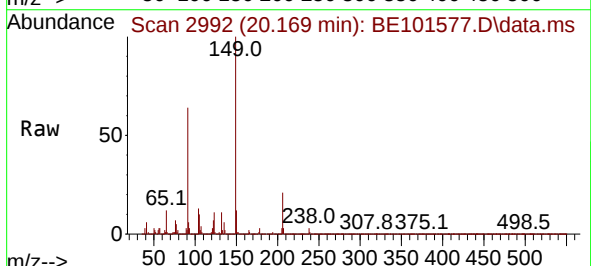
APPROVED

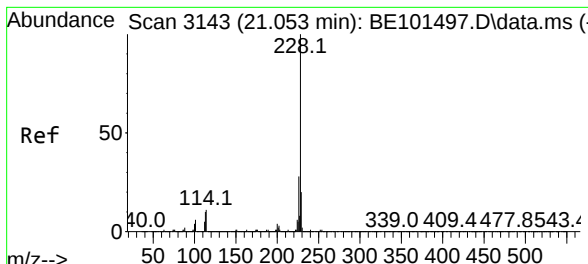
Reviewed By :Yogesh Patel 11/13/2024
 Supervised By :mohammad ahmed 11/13/2024



#80
 Butylbenzylphthalate
 Concen: 26.527 ng
 RT: 20.169 min Scan# 2992
 Delta R.T. -0.009 min
 Lab File: BE101577.D
 Acq: 12 Nov 2024 11:47

Tgt Ion:149 Resp: 324974
 Ion Ratio Lower Upper
 149 100
 91 63.9 49.2 73.8
 206 20.9 17.4 26.2





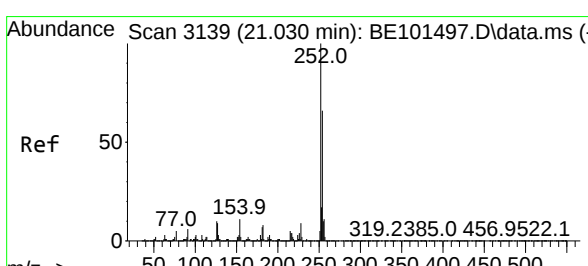
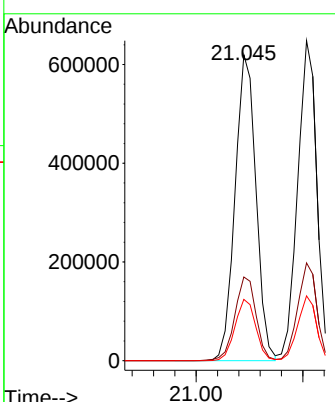
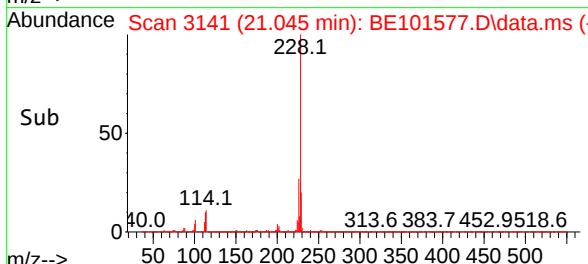
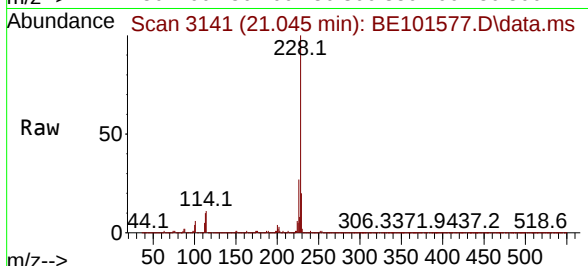
#81
 Benzo(a)anthracene
 Concen: 29.759 ng
 RT: 21.045 min Scan# 3141
 Delta R.T. -0.009 min
 Lab File: BE101577.D
 Acq: 12 Nov 2024 11:47

Instrument : BNA_E
 ClientSampleId : PB164886BS

Tgt Ion:	228	Resp:	846770
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.4	33.6
229	20.0	16.1	24.1

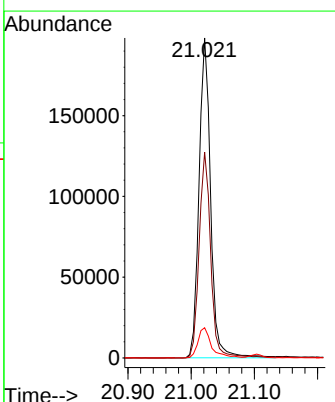
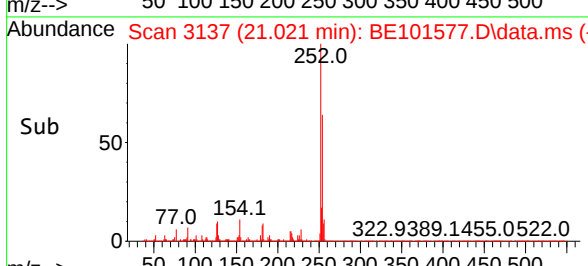
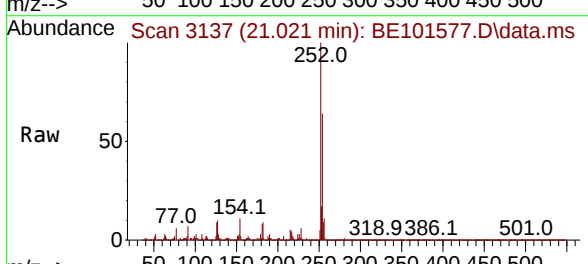
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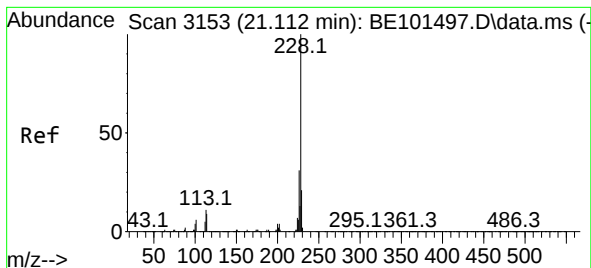
Reviewed By :Yogesh Patel 11/13/2024
 Supervised By :mohammad ahmed 11/13/2024



#82
 3,3'-Dichlorobenzidine
 Concen: 22.508 ng
 RT: 21.021 min Scan# 3137
 Delta R.T. -0.009 min
 Lab File: BE101577.D
 Acq: 12 Nov 2024 11:47

Tgt Ion:	252	Resp:	252119
Ion Ratio	Lower	Upper	
252	100		
254	64.3	52.9	79.3
126	9.4	7.8	11.6





#83

Chrysene

Concen: 29.957 ng

RT: 21.103 min Scan# 3111

Delta R.T. -0.009 min

Lab File: BE101577.D

Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

ClientSampleId :

PB164886BS

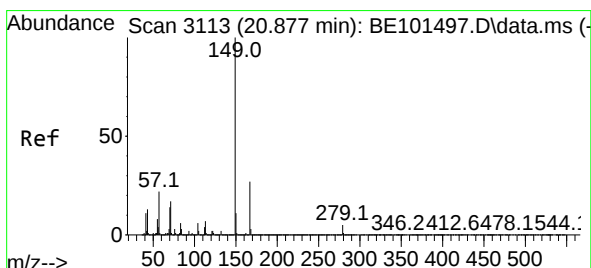
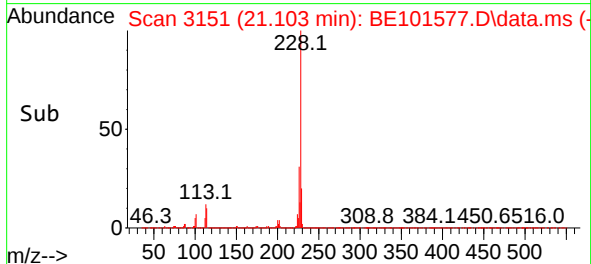
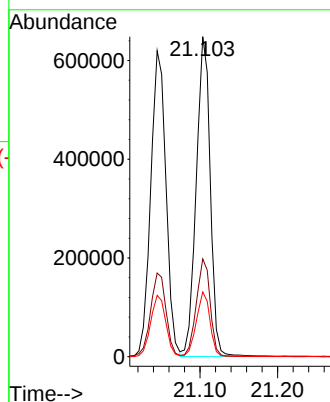
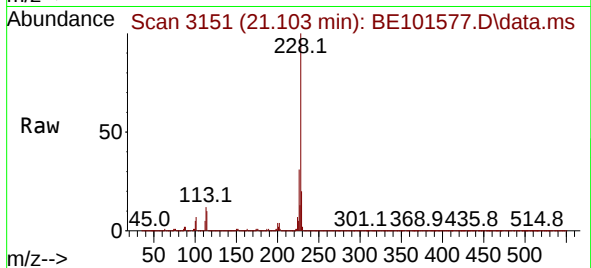
Tgt Ion:	228	Resp:	810200
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.1	37.7
229	20.2	16.4	24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/13/2024

Supervised By :mohammad ahmed 11/13/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 26.357 ng

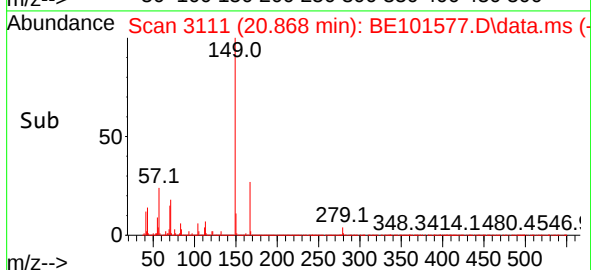
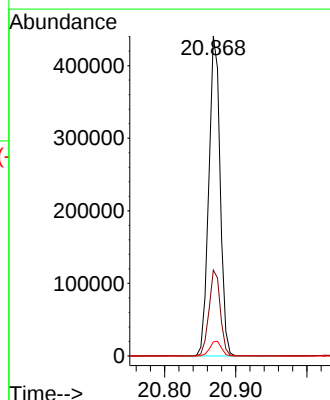
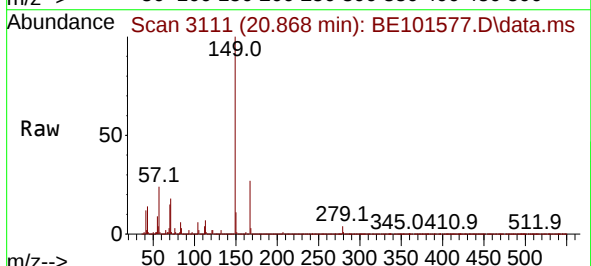
RT: 20.868 min Scan# 3111

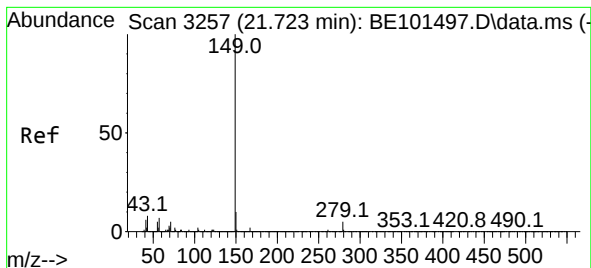
Delta R.T. -0.009 min

Lab File: BE101577.D

Acq: 12 Nov 2024 11:47

Tgt Ion:	149	Resp:	488178
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.8	32.6
279	4.4	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 29.106 ng

RT: 21.714 min Scan# 31

Delta R.T. -0.009 min

Lab File: BE101577.D

Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

ClientSampleId :

PB164886BS

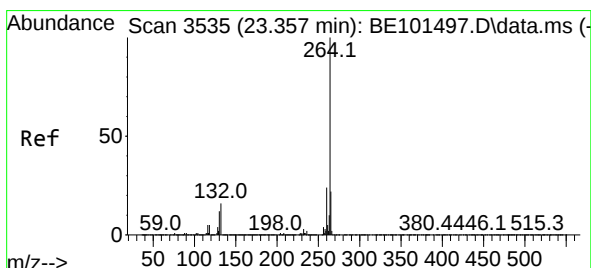
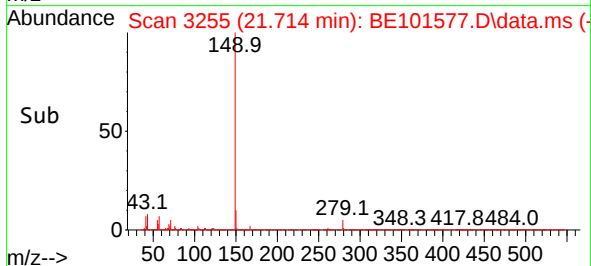
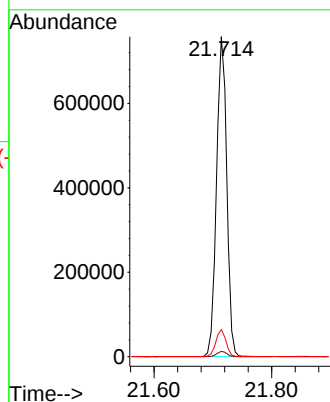
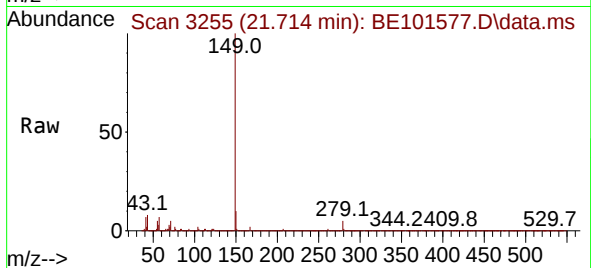
Tgt Ion:149	Resp: 912018
Ion Ratio	Lower Upper
149 100	
167 1.6	1.3 1.9
43 8.4	6.2 9.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/13/2024

Supervised By :mohammad ahmed 11/13/2024



#86

Perylene-d12

Concen: 20.000 ng

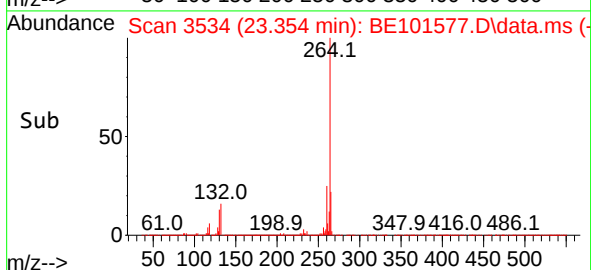
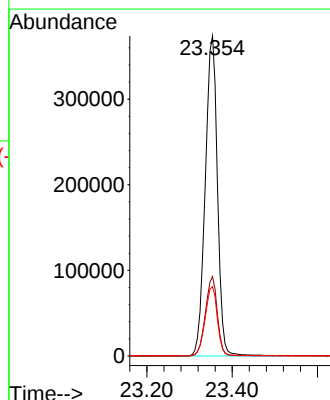
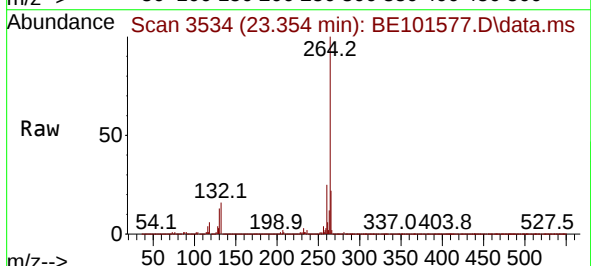
RT: 23.354 min Scan# 3534

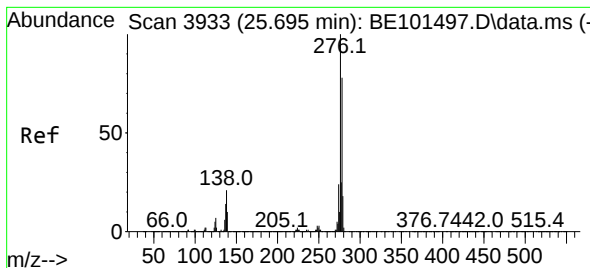
Delta R.T. -0.003 min

Lab File: BE101577.D

Acq: 12 Nov 2024 11:47

Tgt Ion:264	Resp: 739879
Ion Ratio	Lower Upper
264 100	
260 24.8	19.4 29.2
265 21.7	17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 30.668 ng

RT: 25.680 min Scan# 3930

Delta R.T. -0.015 min

Lab File: BE101577.D

Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

ClientSampleId :

PB164886BS

Tgt Ion:276 Resp: 1559324

Ion Ratio Lower Upper

276 100

138 21.9 17.0 25.6

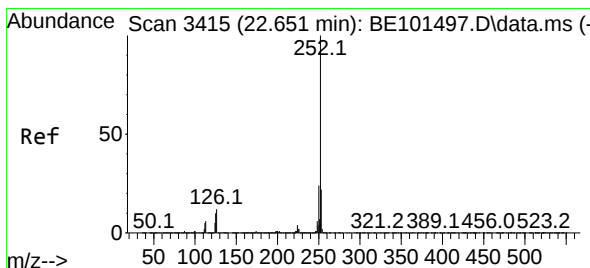
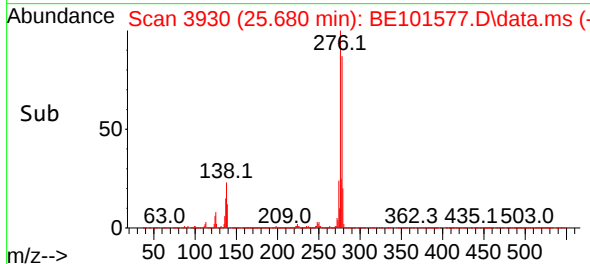
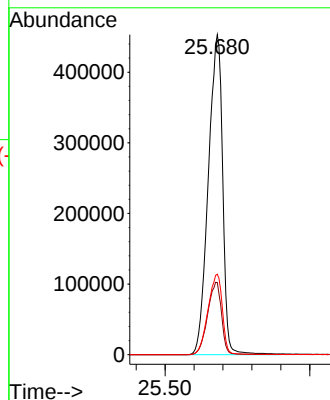
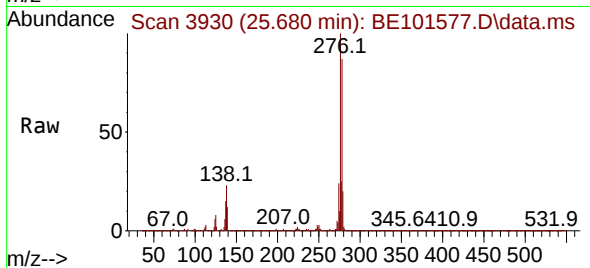
277 25.1 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/13/2024

Supervised By :mohammad ahmed 11/13/2024



#88

Benzo(b)fluoranthene

Concen: 27.437 ng

RT: 22.643 min Scan# 3413

Delta R.T. -0.009 min

Lab File: BE101577.D

Acq: 12 Nov 2024 11:47

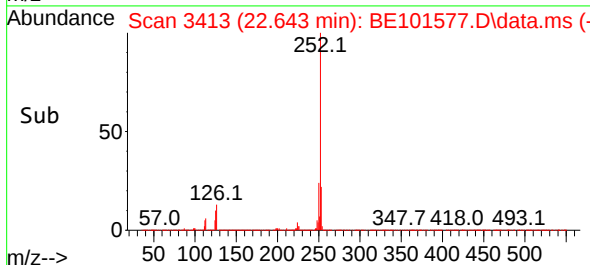
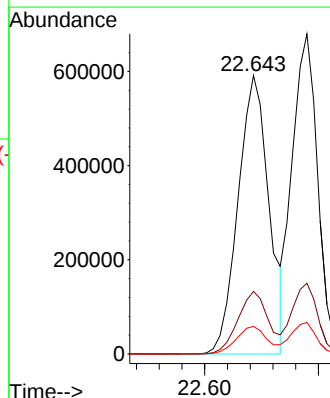
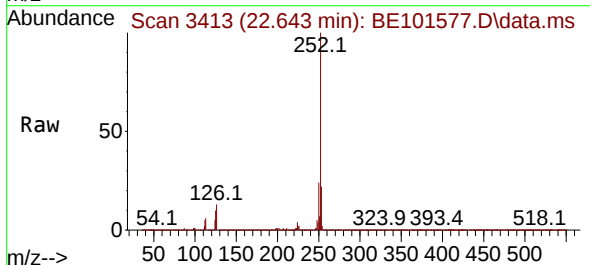
Tgt Ion:252 Resp: 1113755

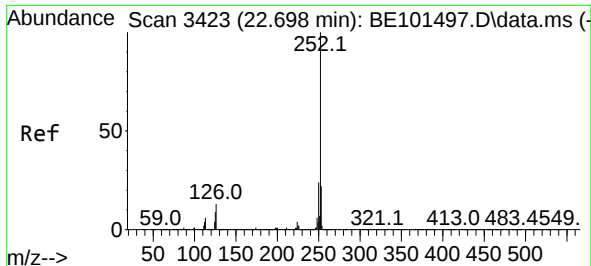
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 9.9 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 28.984 ng

RT: 22.690 min Scan# 3423

Delta R.T. -0.009 min

Lab File: BE101577.D

Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

ClientSampleId :

PB164886BS

Tgt Ion:252 Resp: 1068039

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

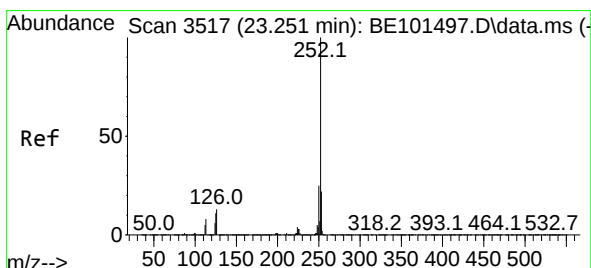
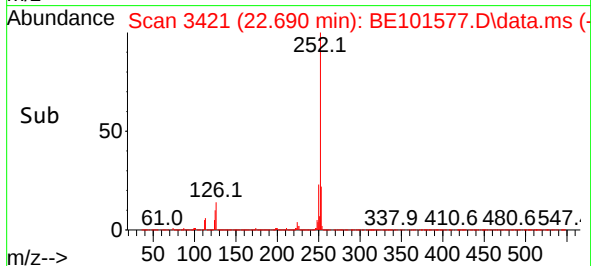
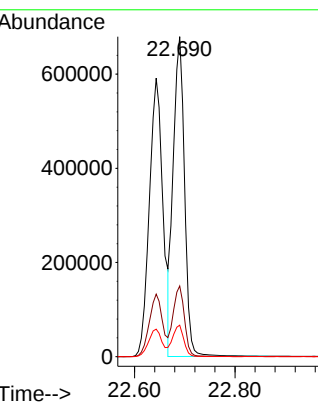
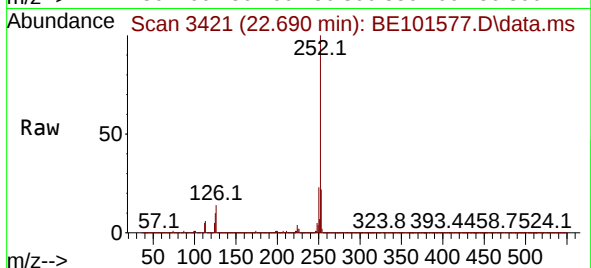
125 9.8 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/13/2024

Supervised By :mohammad ahmed 11/13/2024



#90

Benzo(a)pyrene

Concen: 30.645 ng

RT: 23.242 min Scan# 3515

Delta R.T. -0.009 min

Lab File: BE101577.D

Acq: 12 Nov 2024 11:47

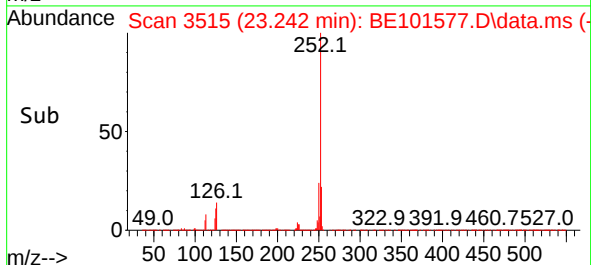
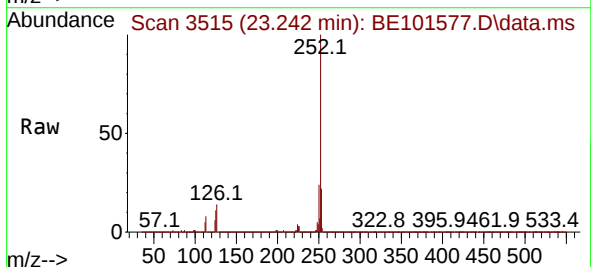
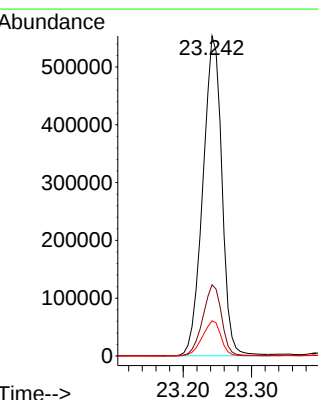
Tgt Ion:252 Resp: 1073976

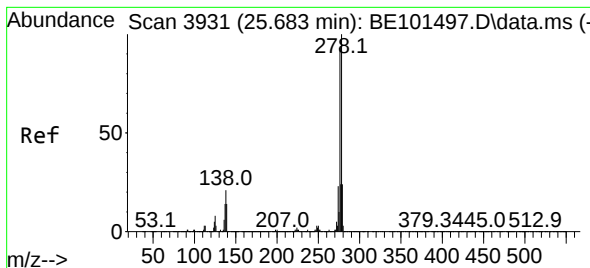
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 11.0 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 30.631 ng

RT: 25.675 min Scan# 3931

Delta R.T. -0.009 min

Lab File: BE101577.D

Acq: 12 Nov 2024 11:47

Instrument :

BNA_E

ClientSampleId :

PB164886BS

Tgt Ion:278 Resp: 1297064

Ion Ratio Lower Upper

278 100

139 14.2 11.2 16.8

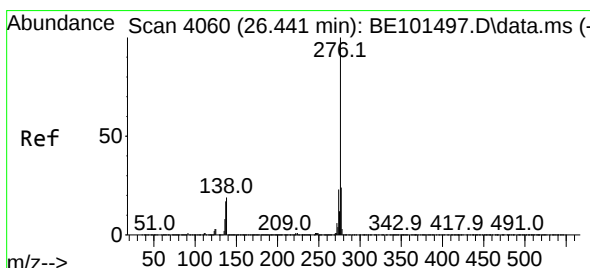
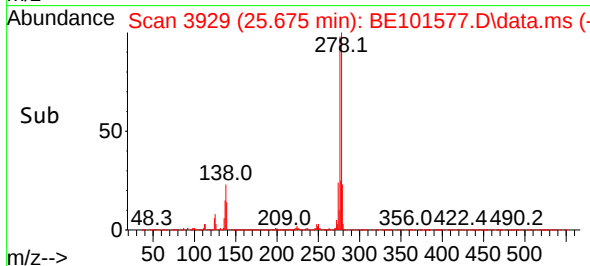
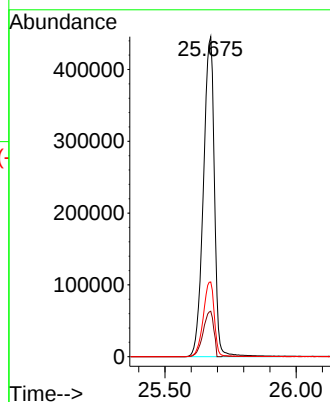
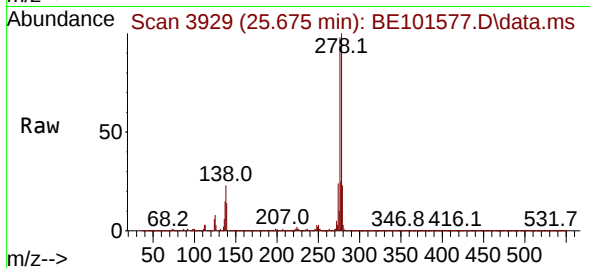
279 23.4 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/13/2024

Supervised By :mohammad ahmed 11/13/2024



#92

Benzo(g,h,i)perylene

Concen: 27.345 ng

RT: 26.421 min Scan# 4056

Delta R.T. -0.020 min

Lab File: BE101577.D

Acq: 12 Nov 2024 11:47

Tgt Ion:276 Resp: 1176391

Ion Ratio Lower Upper

276 100

277 24.4 19.5 29.3

138 19.7 15.3 22.9

