

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102824\
 Data File : BE101394.D
 Acq On : 28 Oct 2024 14:49
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024

Quant Time: Oct 29 01:17:21 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Oct 29 00:58:30 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	165364	20.000	ng	0.00
21) Naphthalene-d8	10.343	136	801441	20.000	ng	0.00
39) Acenaphthene-d10	14.186	164	574825	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	1335462	20.000	ng	0.00
76) Chrysene-d12	21.083	240	1465052	20.000	ng	0.00
86) Perylene-d12	23.369	264	1864446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	945317	100.193	ng	0.00
7) Phenol-d6	6.953	99	1318040	100.748	ng	0.00
23) Nitrobenzene-d5	8.786	82	1293125	101.343	ng	0.00
42) 2,4,6-Tribromophenol	15.690	330	1019729	101.216	ng	0.00
45) 2-Fluorobiphenyl	12.805	172	3200754	94.300	ng	0.00
79) Terphenyl-d14	19.515	244	5028542	78.997	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.198	88	165210	46.948	ng	99
3) Pyridine	3.633	79	517567m	52.118	ng	
4) n-Nitrosodimethylamine	3.551	42	195679	51.540	ng	97
6) Aniline	7.012	93	537724	53.623	ng	99
8) 2-Chlorophenol	7.217	128	565957	50.013	ng	99
9) Benzaldehyde	6.782	77	280236	44.373	ng	97
10) Phenol	6.976	94	743054	52.347	ng	99
11) bis(2-Chloroethyl)ether	7.041	93	546510	47.680	ng	100
12) 1,3-Dichlorobenzene	7.458	146	588809	48.254	ng	99
13) 1,4-Dichlorobenzene	7.605	146	598105	47.999	ng	99
14) 1,2-Dichlorobenzene	7.934	146	592334	48.563	ng	99
15) Benzyl Alcohol	7.911	79	418834	53.709	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.081	45	707405	48.273	ng	99
17) 2-Methylphenol	8.157	107	488237	50.820	ng	99
18) Hexachloroethane	8.627	117	204778	50.323	ng	98
19) n-Nitroso-di-n-propyla...	8.375	70	460800	53.079	ng	99
20) 3+4-Methylphenols	8.492	107	680525	51.316	ng	98
22) Acetophenone	8.428	105	899066	49.406	ng	99
24) Nitrobenzene	8.827	77	678889	49.988	ng	99
25) Isophorone	9.280	82	1279882	51.402	ng	99
26) 2-Nitrophenol	9.509	139	349958	53.315	ng	98
27) 2,4-Dimethylphenol	9.632	122	412678	49.962	ng	99
28) bis(2-Chloroethoxy)met...	9.779	93	749624	49.643	ng	98
29) 2,4-Dichlorophenol	10.061	162	574208	50.250	ng	98
30) 1,2,4-Trichlorobenzene	10.184	180	608746	48.902	ng	98
31) Naphthalene	10.390	128	1967240	48.168	ng	100
32) Benzoic acid	9.914	122	407599	47.974	ng	98
33) 4-Chloroaniline	10.619	127	729487	51.367	ng	99
34) Hexachlorobutadiene	10.637	225	358862	48.703	ng	99
35) Caprolactam	11.406	113	236422m	54.100	ng	
36) 4-Chloro-3-methylphenol	11.788	107	661811	50.866	ng	99
37) 2-Methylnaphthalene	11.982	142	1423968	48.395	ng	100
38) 1-Methylnaphthalene	12.206	142	1420443	48.370	ng	99
40) 1,2,4,5-Tetrachloroben...	12.335	216	705872	48.917	ng	100
41) Hexachlorocyclopentadiene	12.317	237	248185	52.077	ng	99
43) 2,4,6-Trichlorophenol	12.658	196	507003	50.966	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.758	196	577861	50.725	ng	99
46) 1,1'-Biphenyl	13.011	154	1905878	48.394	ng	99
47) 2-Chloronaphthalene	13.057	162	1515183	48.698	ng	99
48) 2-Nitroaniline	13.392	65	456762	54.549	ng	97
49) Acenaphthylene	13.915	152	2279098	49.532	ng	99
50) Dimethylphthalate	13.692	163	1979816	48.794	ng	100
51) 2,6-Dinitrotoluene	13.827	165	478307	51.059	ng	98
52) Acenaphthene	14.244	154	1460597	48.613	ng	98
53) 3-Nitroaniline	14.238	138	499231	53.595	ng	100
54) 2,4-Dinitrophenol	14.368	184	315420	49.677	ng	98
55) Dibenzofuran	14.591	168	2305303	48.140	ng	99
56) 4-Nitrophenol	14.656	139	456395	53.503	ng	98
57) 2,4-Dinitrotoluene	14.609	165	689305	53.448	ng	97
58) Fluorene	15.226	166	1946144	48.580	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.855	232	527624	50.129	ng	99
60) Diethylphthalate	15.014	149	2092467	49.303	ng	99
61) 4-Chlorophenyl-phenyle...	15.214	204	970975	48.844	ng	100
62) 4-Nitroaniline	15.431	138	564289	54.440	ng	97
63) Azobenzene	15.513	77	1794055	49.178	ng	98
65) 4,6-Dinitro-2-methylph...	15.355	198	416174	53.034	ng	97
66) n-Nitrosodiphenylamine	15.466	169	1722264	48.631	ng	99
67) 4-Bromophenyl-phenylether	16.101	248	693890	49.394	ng	98
68) Hexachlorobenzene	16.207	284	904857	49.141	ng	98
69) Atrazine	16.395	200	363142	33.446	ng	100
70) Pentachlorophenol	16.612	266	573833	54.140	ng	100
71) Phenanthrene	16.965	178	3044921	47.621	ng	98
72) Anthracene	17.047	178	3034208	48.599	ng	97
73) Carbazole	17.382	167	3134249	49.063	ng	98
74) Di-n-butylphthalate	17.828	149	3532643	50.231	ng	98
75) Fluoranthene	18.968	202	3680604	47.394	ng	97
77) Benzidine	19.221	184	834538	44.882	ng	100
78) Pyrene	19.338	202	3852302	47.815	ng	95
80) Butylbenzylphthalate	20.184	149	1808983	51.218	ng	96
81) Benzo(a)anthracene	21.060	228	3835477	46.578	ng	94
82) 3,3'-Dichlorobenzidine	21.036	252	1647556	51.076	ng	99
83) Chrysene	21.119	228	3680796	46.231	ng	95
84) Bis(2-ethylhexyl)phtha...	20.890	149	2461511	52.462	ng	95
85) Di-n-octyl phthalate	21.736	149	3857877	50.096	ng	99
87) Indeno(1,2,3-cd)pyrene	25.713	276	6129290	49.122	ng	99
88) Benzo(b)fluoranthene	22.664	252	4768116	49.073	ng	97
89) Benzo(k)fluoranthene	22.711	252	4178802	46.021	ng	97
90) Benzo(a)pyrene	23.263	252	4190180	49.311	ng	98
91) Dibenzo(a,h)anthracene	25.701	278	5075435	49.227	ng	98
92) Benzo(g,h,i)perylene	26.459	276	5244934	49.372	ng	99

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

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SSTDICC050

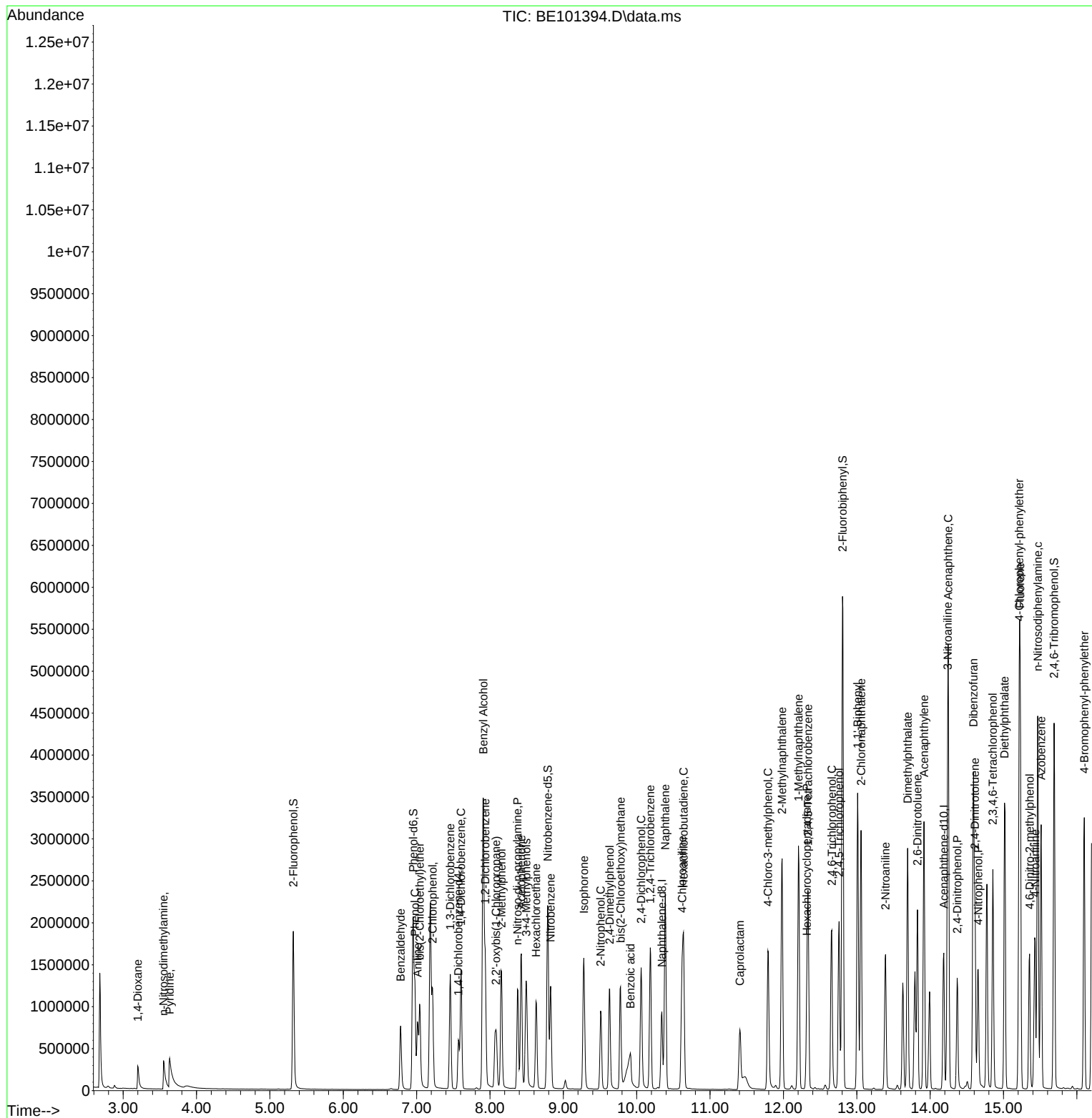
Manual Integrations

APPROVED

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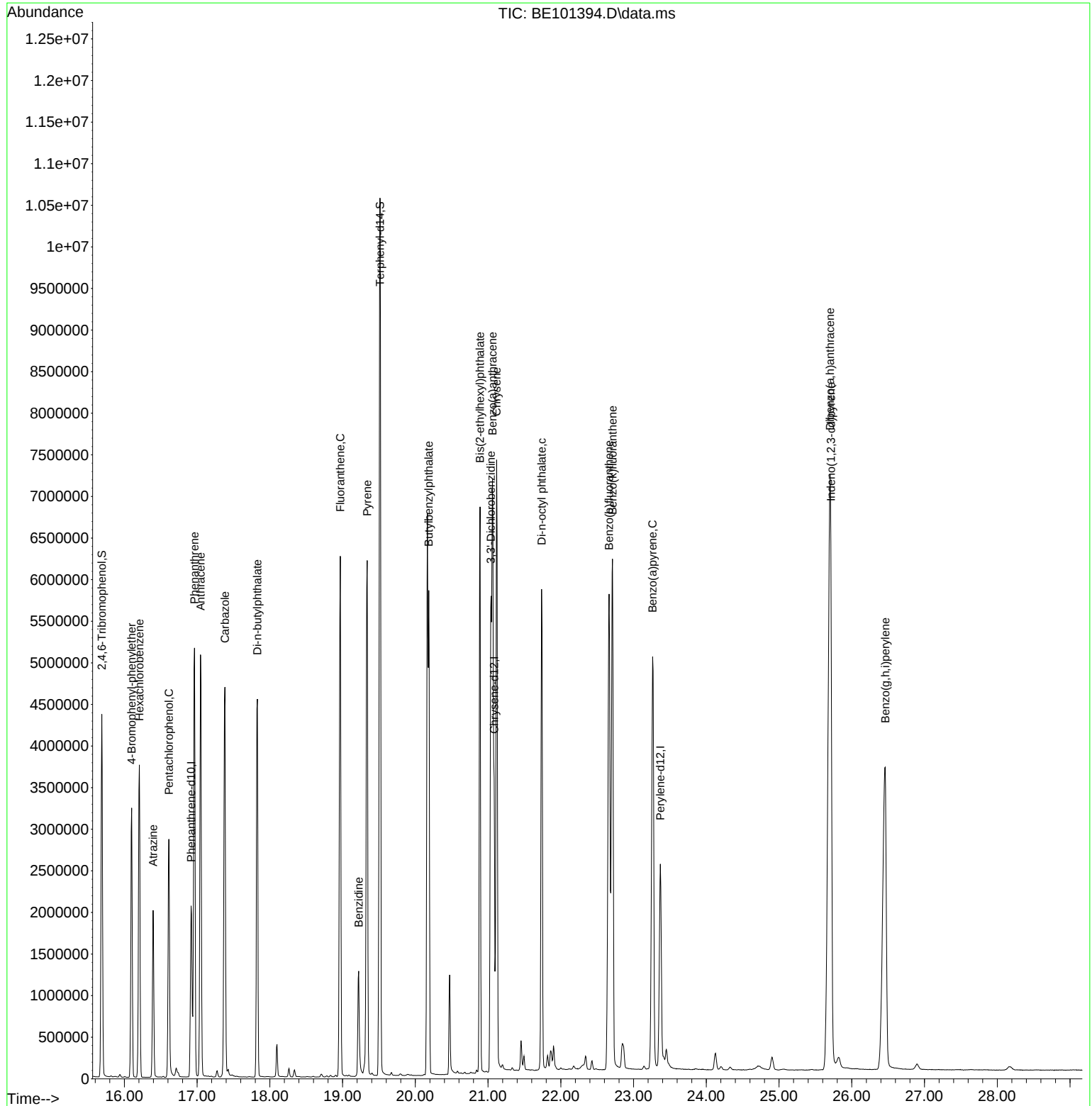
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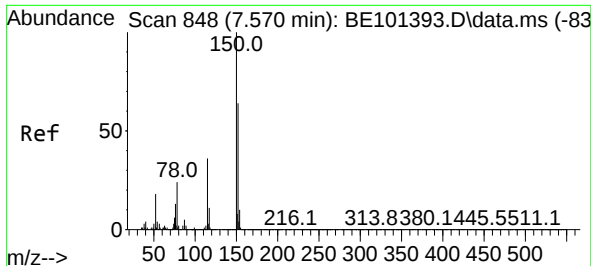
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 84
Delta R.T. -0.000 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

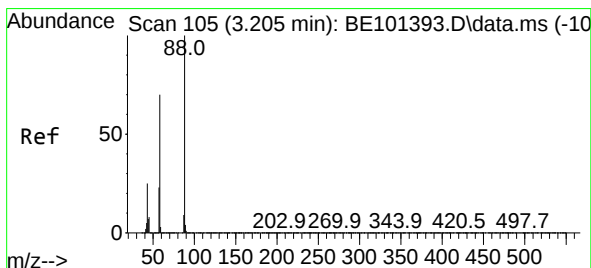
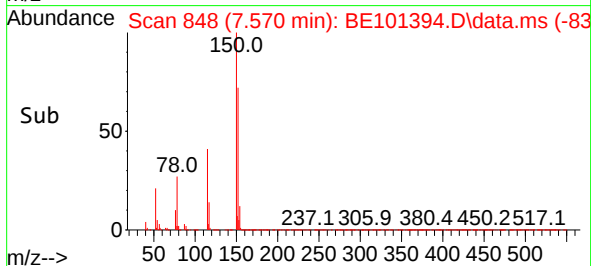
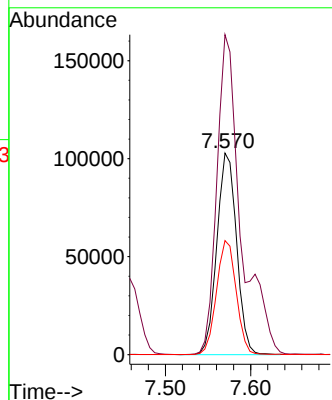
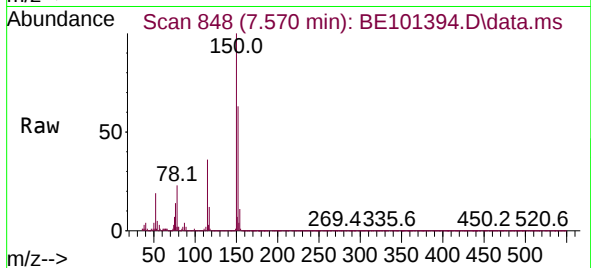
SSTDICC050

Tgt Ion:152 Resp: 165364
Ion Ratio Lower Upper
152 100
150 158.8 124.2 186.4
115 56.6 45.3 67.9

Manual Integrations

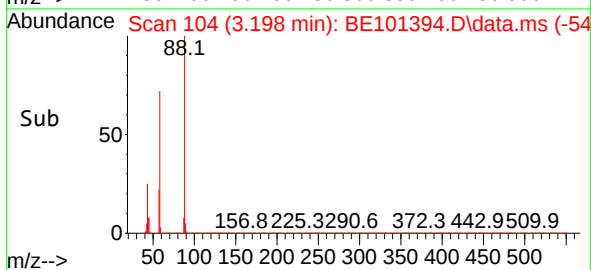
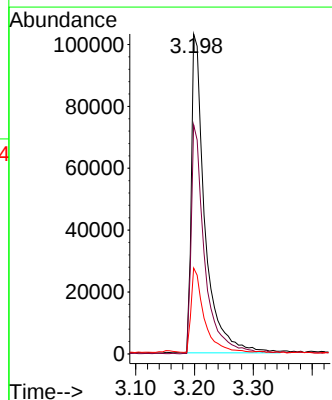
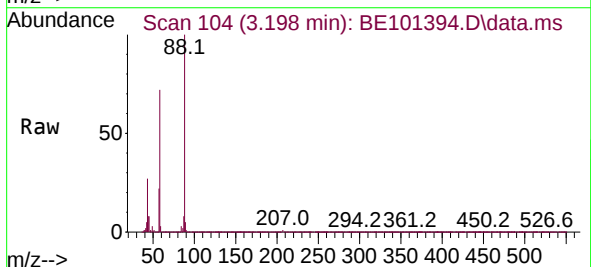
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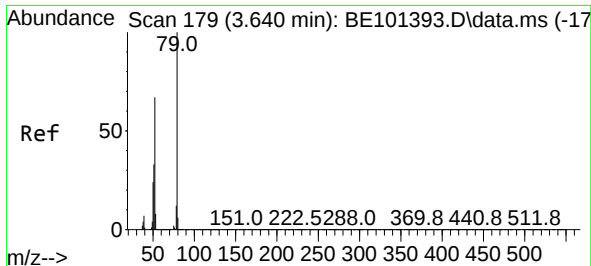
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#2
1,4-Dioxane
Concen: 46.948 ng
RT: 3.198 min Scan# 104
Delta R.T. -0.007 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Tgt Ion: 88 Resp: 165210
Ion Ratio Lower Upper
88 100
58 71.4 56.5 84.7
43 25.3 19.8 29.8





#3
Pyridine
Concen: 52.118 ng m
RT: 3.633 min Scan# 11
Delta R.T. -0.007 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

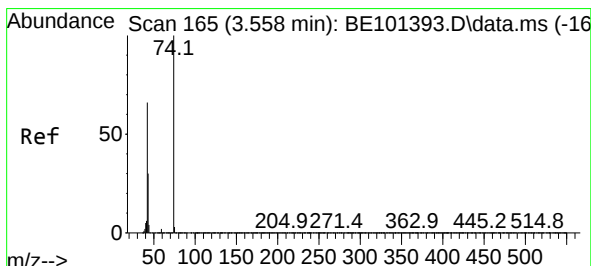
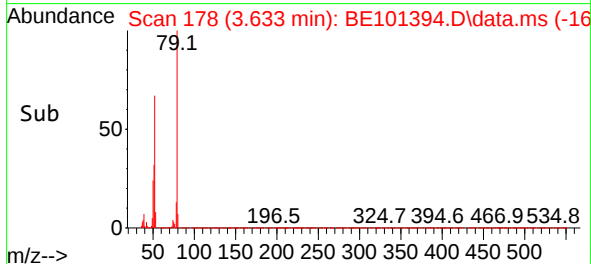
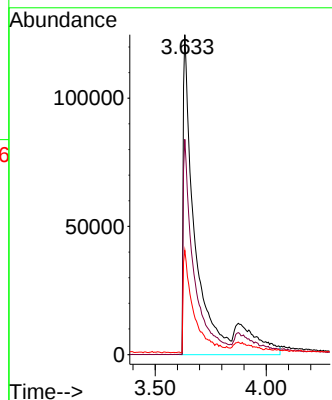
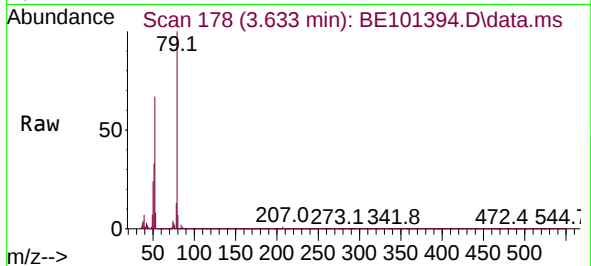
ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 51756
Ion Ratio Lower Upper
79 100
52 67.3 53.3 79.9
51 32.6 27.3 40.9

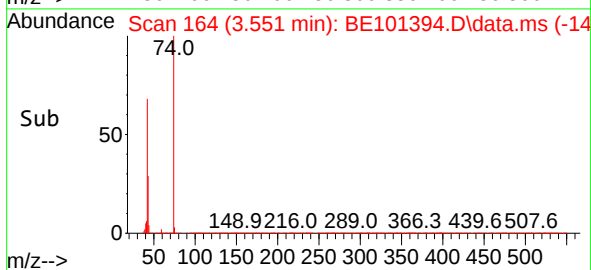
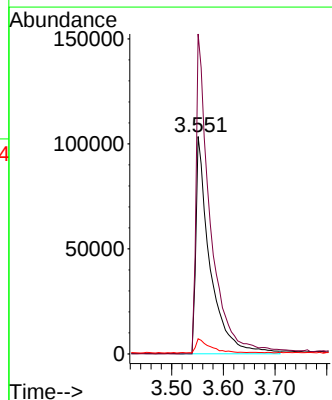
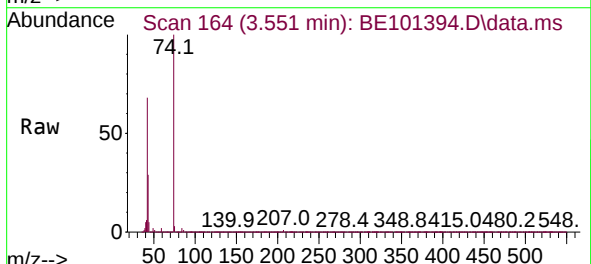
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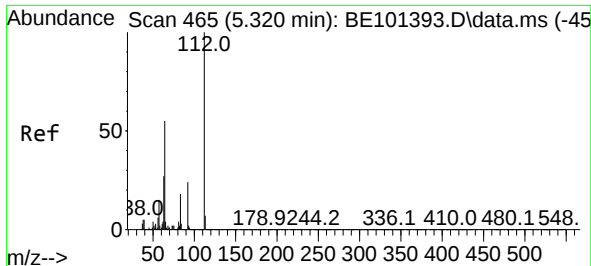
Reviewed By :Yogesh Patel 10/29/2024
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#4
n-Nitrosodimethylamine
Concen: 51.540 ng
RT: 3.551 min Scan# 164
Delta R.T. -0.007 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Tgt Ion: 42 Resp: 195679
Ion Ratio Lower Upper
42 100
74 147.3 121.4 182.0
44 7.0 5.6 8.4





#5
2-Fluorophenol
Concen: 100.193 ng
RT: 5.320 min Scan# 465
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

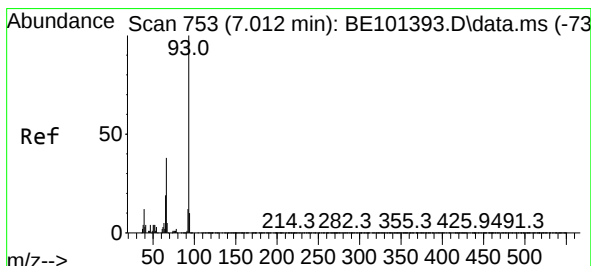
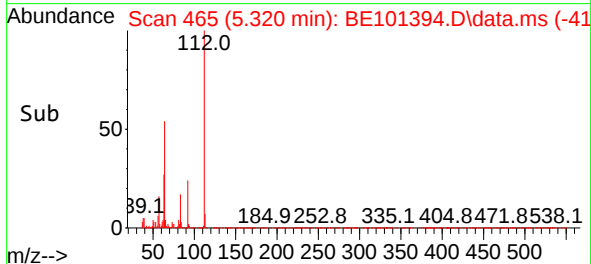
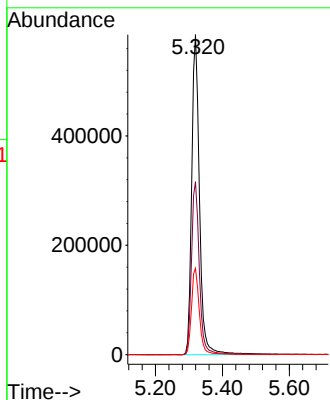
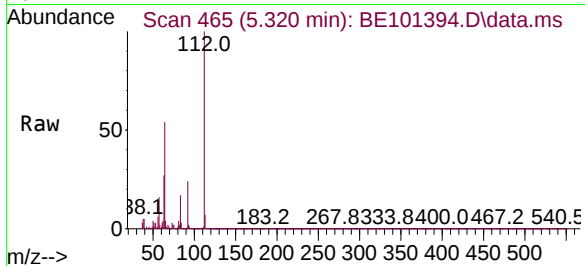
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Tgt Ion:112 Resp: 945317
Ion Ratio Lower Upper
112 100
64 54.0 43.7 65.5
63 27.0 21.4 32.2

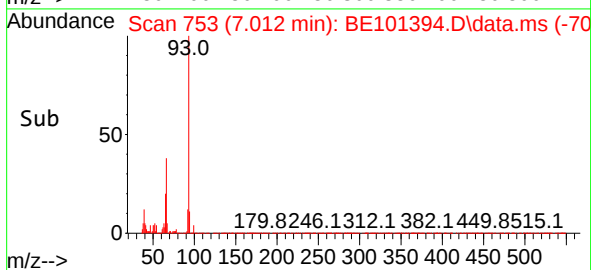
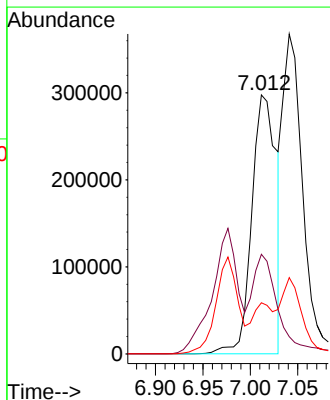
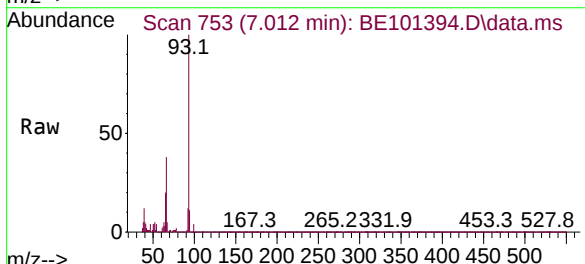
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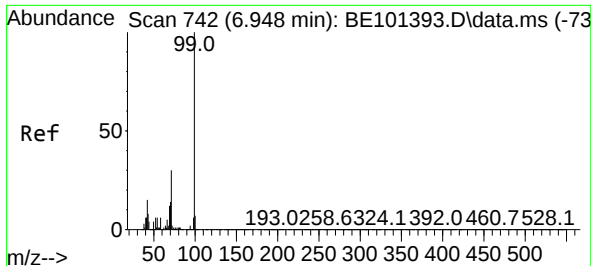
Reviewed By :Yogesh Patel 10/29/2024
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#6
Aniline
Concen: 53.623 ng
RT: 7.012 min Scan# 753
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Tgt Ion: 93 Resp: 537724
Ion Ratio Lower Upper
93 100
66 38.4 31.0 46.4
65 19.7 15.5 23.3





#7

Phenol-d6

Concen: 100.748 ng

RT: 6.953 min Scan# 742

Delta R.T. 0.005 min

Lab File: BE101394.D

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Tgt Ion: 99 Resp: 1318040

Ion Ratio Lower Upper

99 100

42 15.7 12.3 18.5

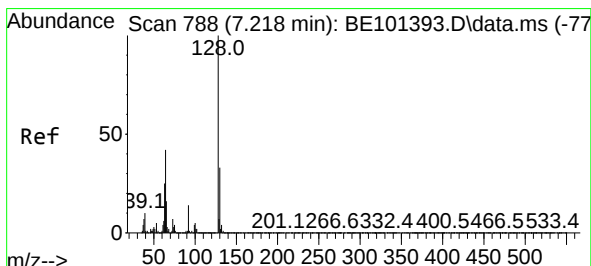
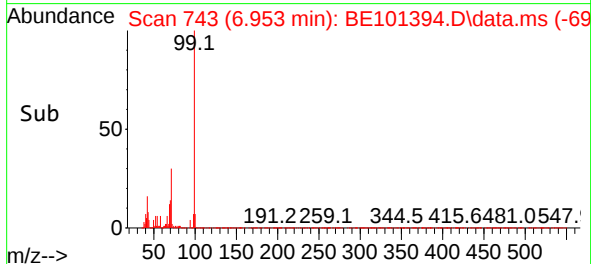
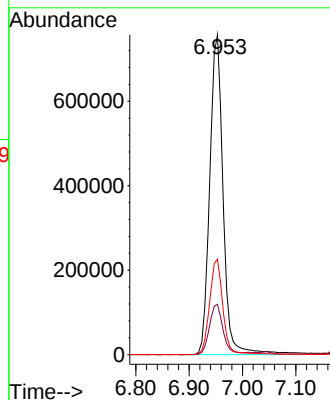
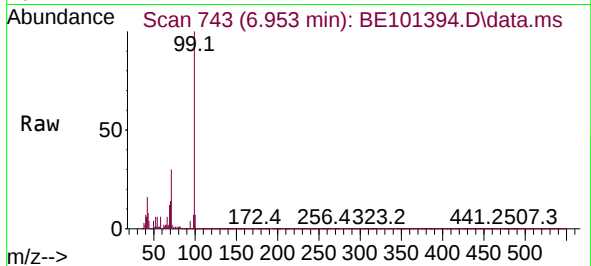
71 29.8 23.8 35.8

Manual Integrations

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#8

2-Chlorophenol

Concen: 50.013 ng

RT: 7.217 min Scan# 788

Delta R.T. -0.001 min

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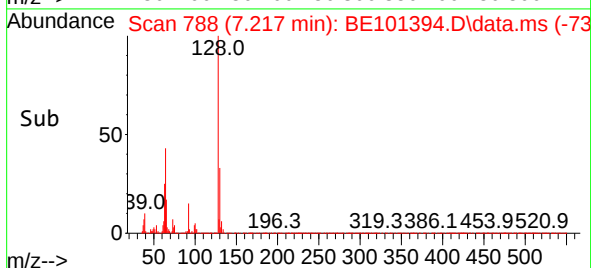
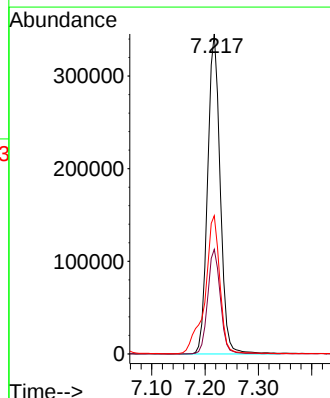
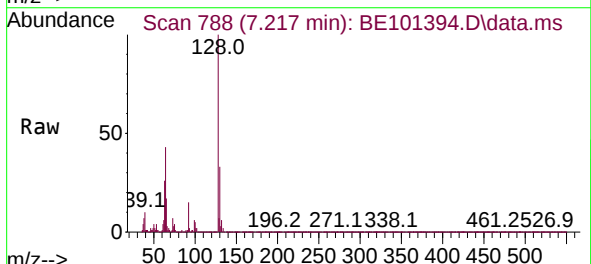
Tgt Ion:128 Resp: 565957

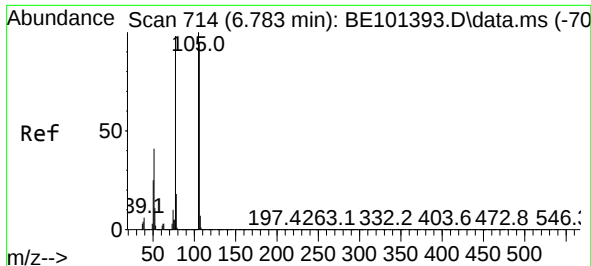
Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

64 43.2 22.3 62.3





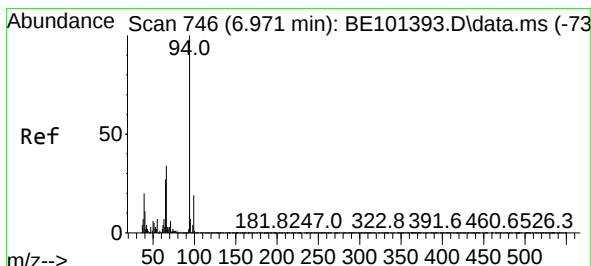
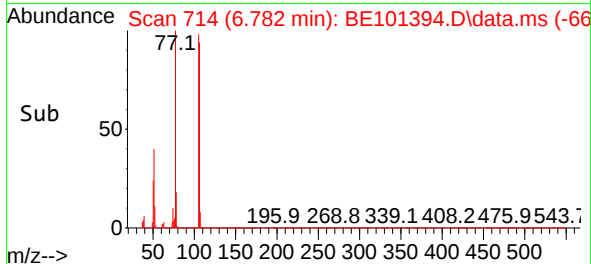
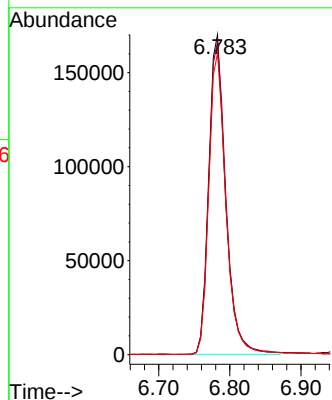
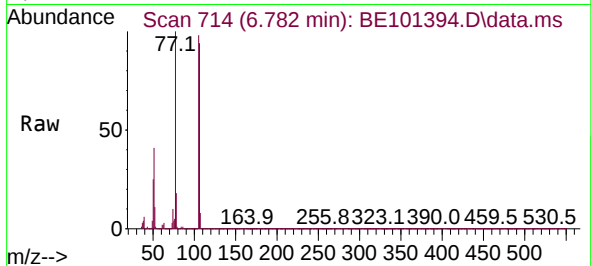
#9
Benzaldehyde
Concen: 44.373 ng
RT: 6.782 min Scan# 714
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Instrument :
BNA_E
Client Sample Id :
SSTDIC050

Tgt Ion: 77 Resp: 280236
Ion Ratio Lower Upper
77 100
105 97.9 81.9 121.9
106 94.2 76.5 116.5

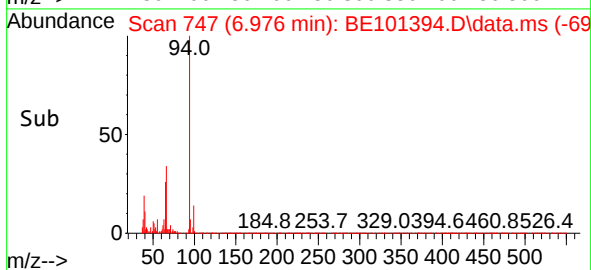
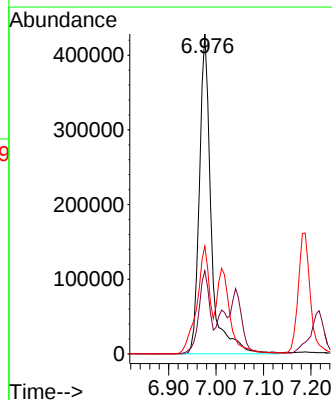
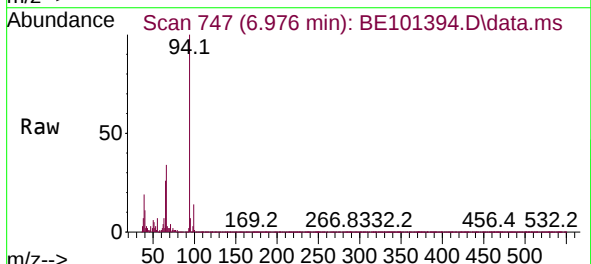
Manual Integrations
APPROVED

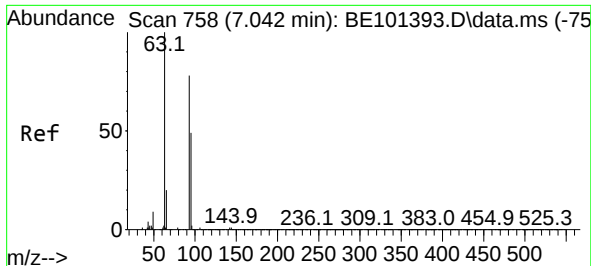
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#10
Phenol
Concen: 52.347 ng
RT: 6.976 min Scan# 747
Delta R.T. 0.005 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Tgt Ion: 94 Resp: 743054
Ion Ratio Lower Upper
94 100
65 26.0 6.8 46.8
66 33.7 14.0 54.0





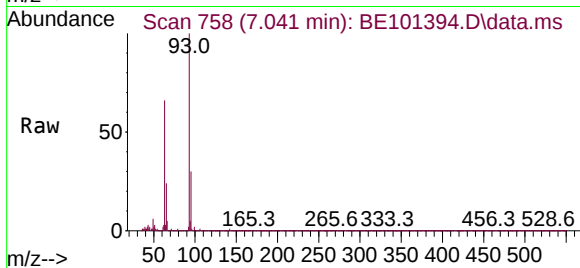
#11
bis(2-Chloroethyl)ether
Concen: 47.680 ng
RT: 7.041 min Scan# 758
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC050



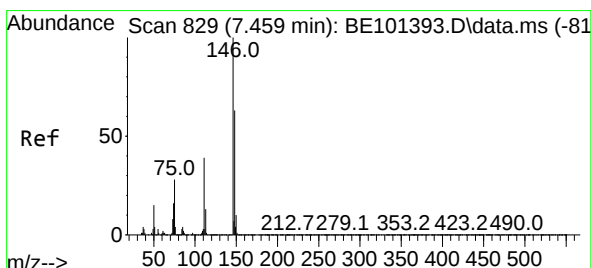
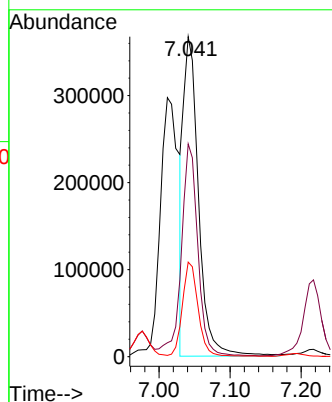
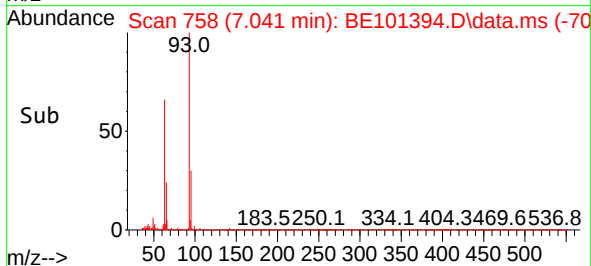
Tgt Ion: 93 Resp: 546510
Ion Ratio Lower Upper
93 100
63 66.5 46.3 86.3
95 29.5 9.6 49.6

Manual Integrations

APPROVED

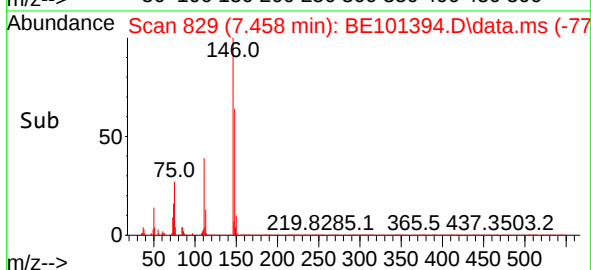
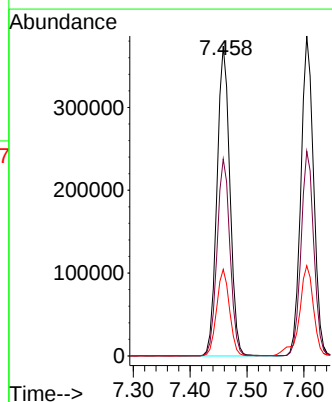
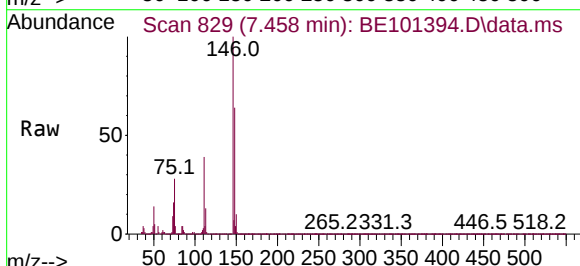
Reviewed By :Yogesh Patel 10/29/2024

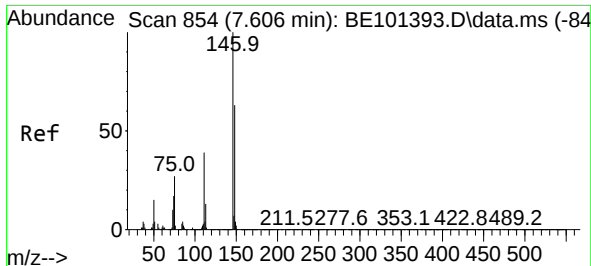
Supervised By :mohammad ahmed 10/30/2024



#12
1,3-Dichlorobenzene
Concen: 48.254 ng
RT: 7.458 min Scan# 829
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Tgt Ion:146 Resp: 588809
Ion Ratio Lower Upper
146 100
148 63.6 50.5 75.7
75 28.0 22.0 33.0





#13
1,4-Dichlorobenzene
Concen: 47.999 ng
RT: 7.605 min Scan# 854
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

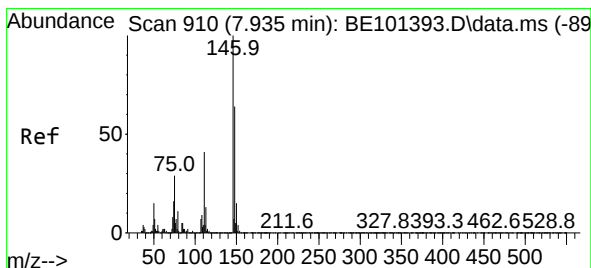
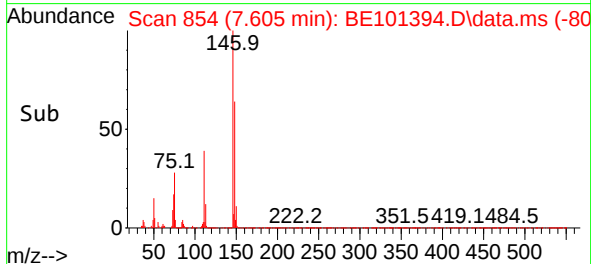
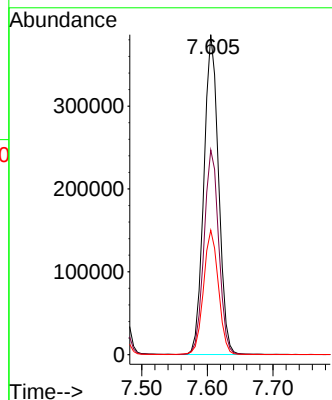
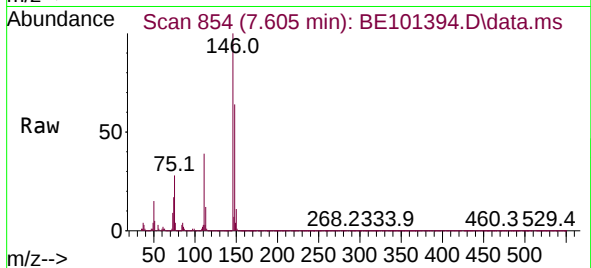
SSTDICC050

Tgt Ion:146 Resp: 598105
Ion Ratio Lower Upper
146 100
148 64.0 50.2 75.2
111 38.9 31.6 47.4

Manual Integrations

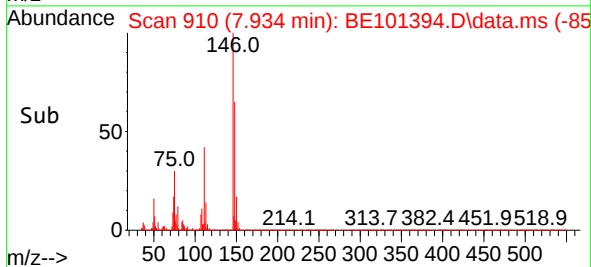
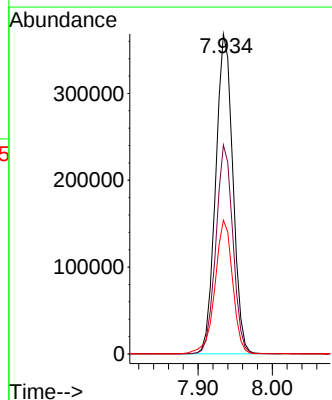
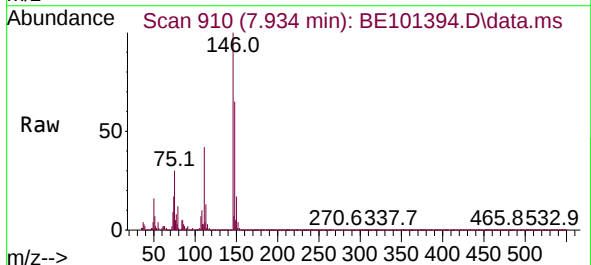
APPROVED

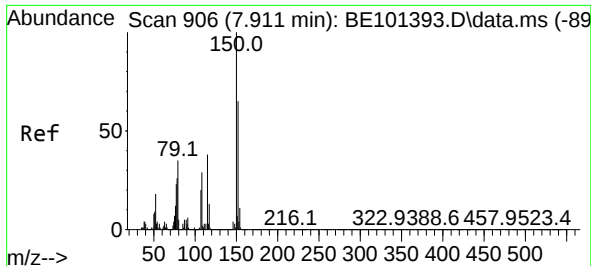
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#14
1,2-Dichlorobenzene
Concen: 48.563 ng
RT: 7.934 min Scan# 910
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

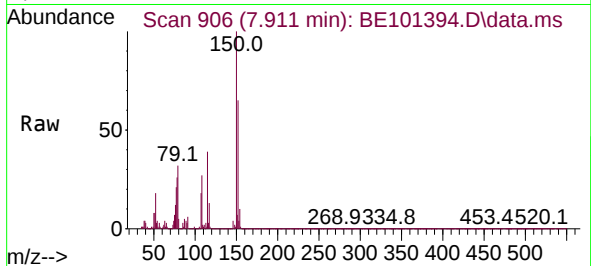
Tgt Ion:146 Resp: 592334
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.2
111 41.8 32.8 49.2





#15
Benzyl Alcohol
Concen: 53.709 ng
RT: 7.911 min Scan# 906
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

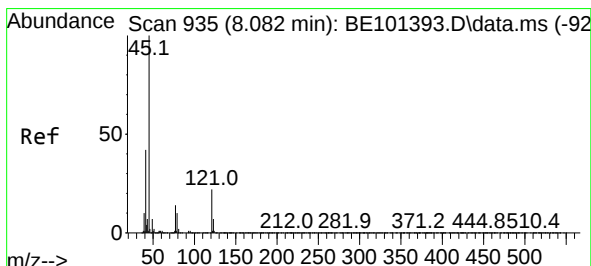
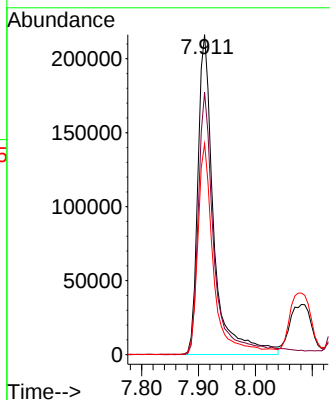
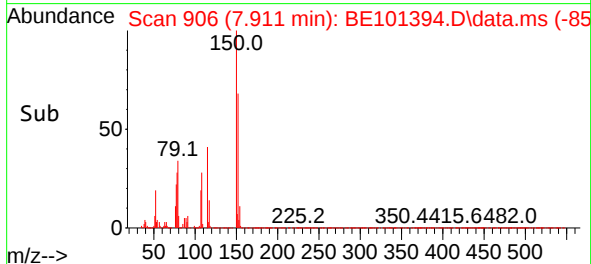
Instrument :
BNA_E
ClientSampleId :
SSTDICC050



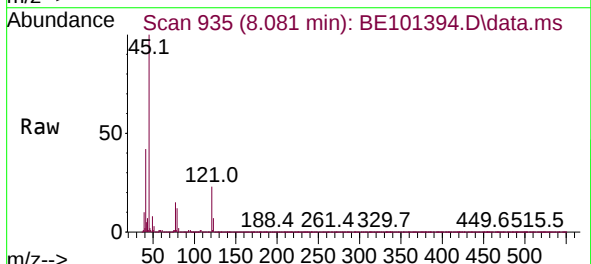
Tgt Ion: 79 Resp: 418834
Ion Ratio Lower Upper
79 100
108 82.0 66.1 99.1
77 65.9 53.1 79.7

Manual Integrations
APPROVED

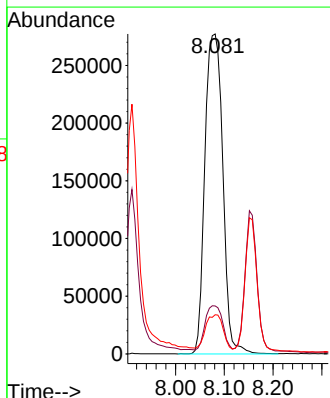
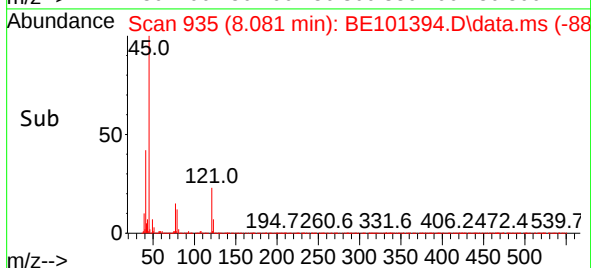
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

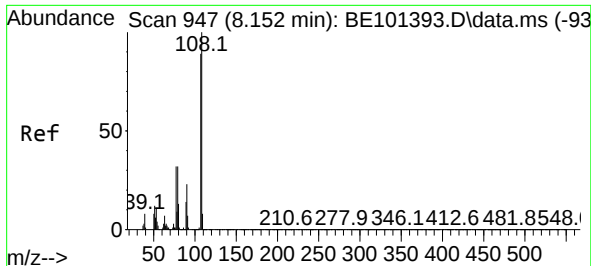


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.273 ng
RT: 8.081 min Scan# 935
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49



Tgt Ion: 45 Resp: 707405
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.5
79 12.2 0.0 31.8





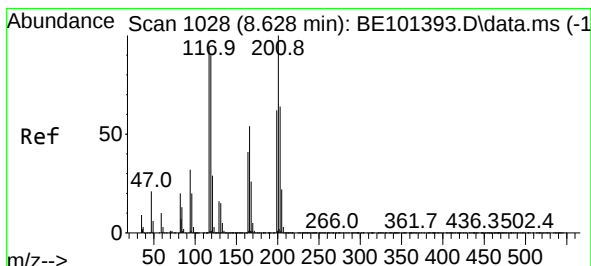
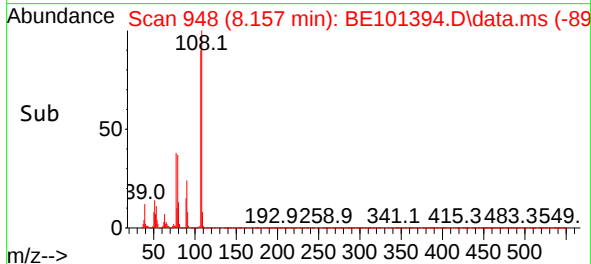
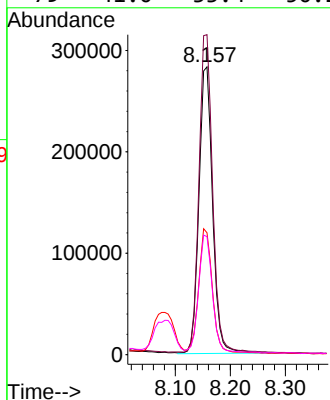
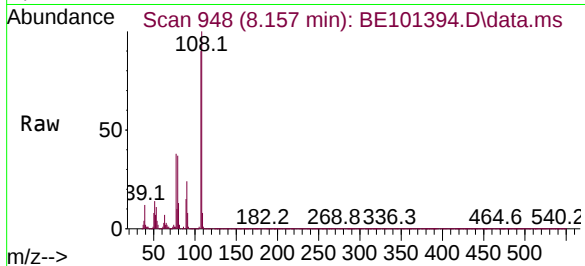
#17
2-Methylphenol
Concen: 50.820 ng
RT: 8.157 min Scan# 947
Delta R.T. 0.005 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 48823
Ion Ratio Lower Upper
107 100
108 111.2 90.0 135.0
77 42.3 34.2 51.4
79 41.0 33.4 50.2

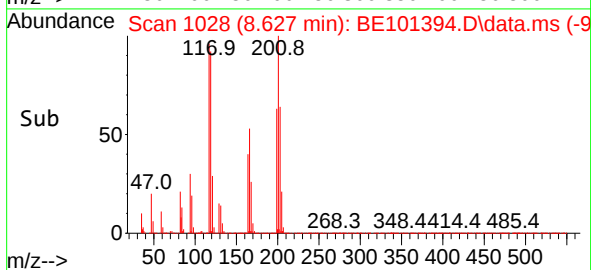
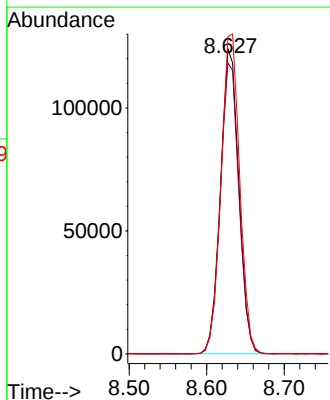
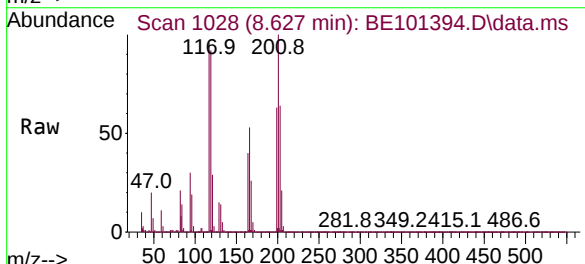
Manual Integrations
APPROVED

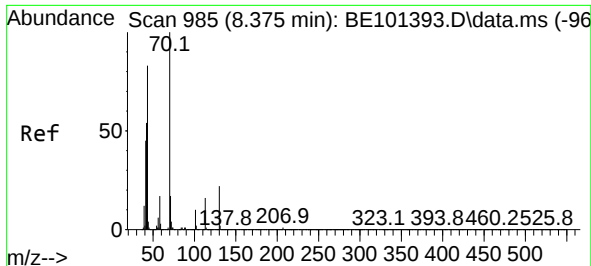
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#18
Hexachloroethane
Concen: 50.323 ng
RT: 8.627 min Scan# 1028
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Tgt Ion:117 Resp: 204778
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.4
201 104.1 85.3 127.9





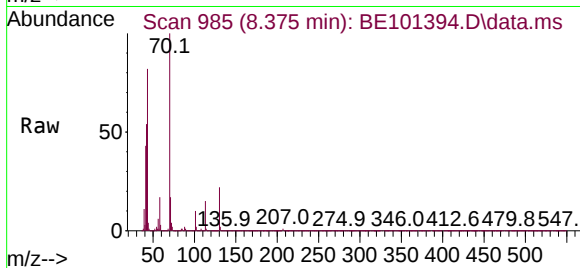
#19
n-Nitroso-di-n-propylamine
Concen: 53.079 ng
RT: 8.375 min Scan# 985
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC050



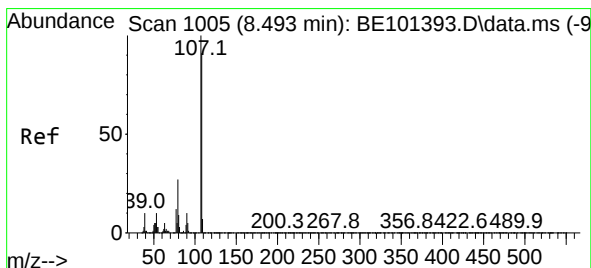
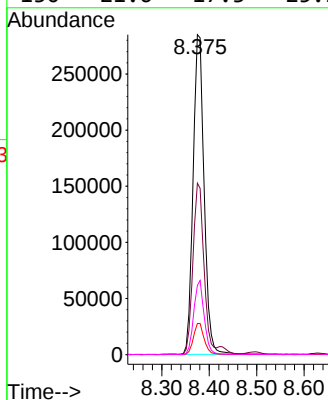
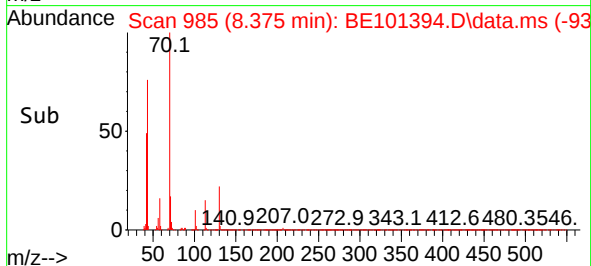
Tgt Ion: 70 Resp: 460800
Ion Ratio Lower Upper
70 100
42 53.6 43.4 65.0
101 9.7 8.1 12.1
130 21.6 17.3 25.9

Manual Integrations

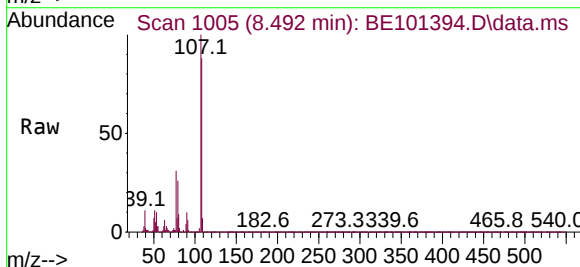
APPROVED

Reviewed By :Yogesh Patel 10/29/2024

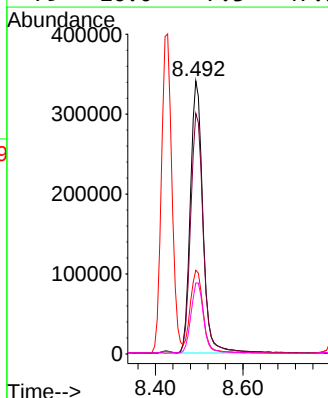
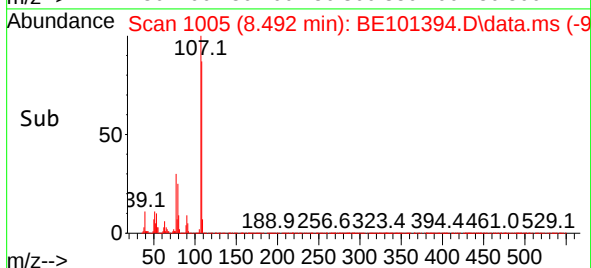
Supervised By :mohammad ahmed 10/30/2024

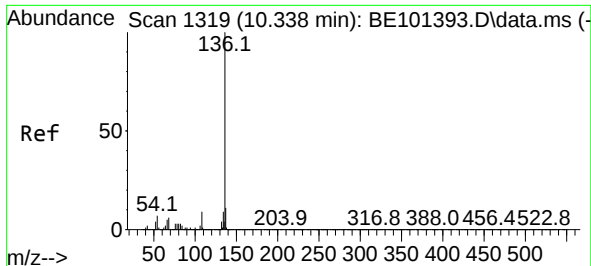


#20
3+4-Methylphenols
Concen: 51.316 ng
RT: 8.492 min Scan# 1005
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49



Tgt Ion:107 Resp: 680525
Ion Ratio Lower Upper
107 100
108 88.0 70.6 110.6
77 30.6 11.3 51.3
79 26.0 7.3 47.3





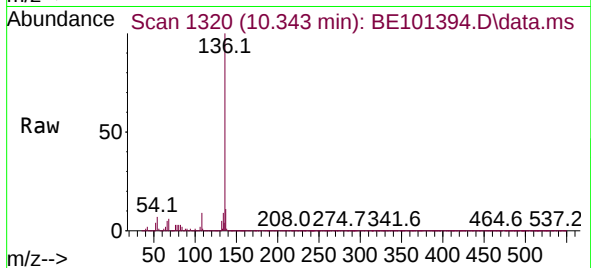
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.343 min Scan# 1319
Delta R.T. 0.005 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC050



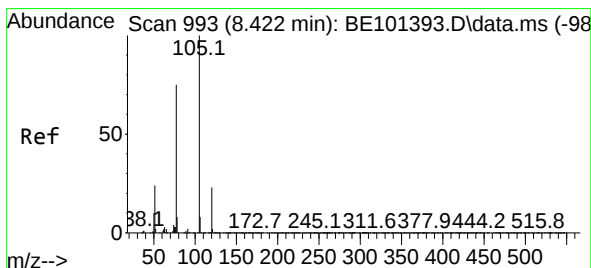
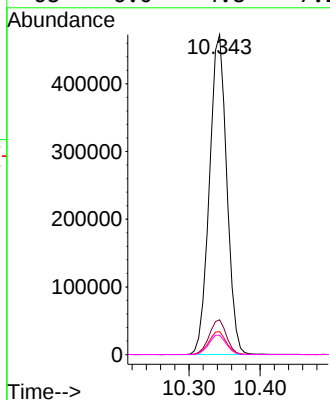
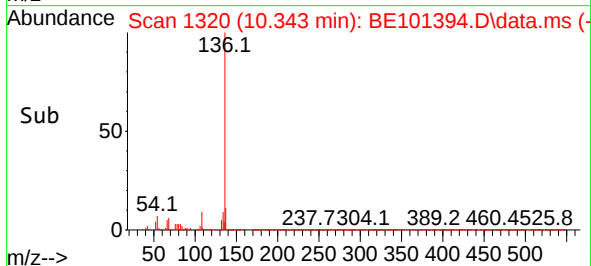
Tgt Ion:136 Resp: 801441
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.2 5.9 8.9
68 6.0 4.8 7.2

Manual Integrations

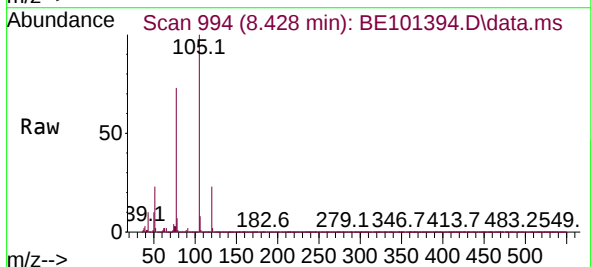
APPROVED

Reviewed By :Yogesh Patel 10/29/2024

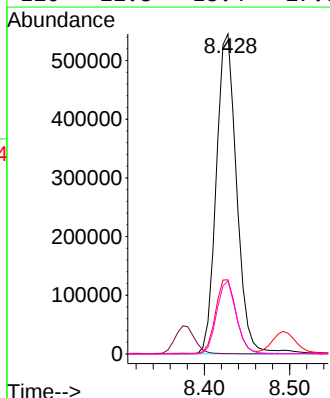
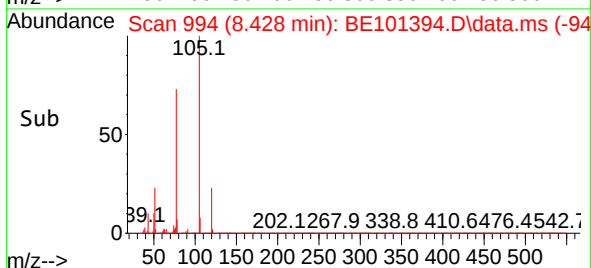
Supervised By :mohammad ahmed 10/30/2024

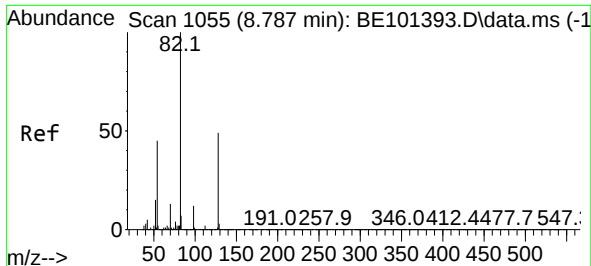


#22
Acetophenone
Concen: 49.406 ng
RT: 8.428 min Scan# 994
Delta R.T. 0.005 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49



Tgt Ion:105 Resp: 899066
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1
51 23.1 19.4 29.0
120 22.8 18.4 27.6





#23
Nitrobenzene-d5
Concen: 101.343 ng
RT: 8.786 min Scan# 1055
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

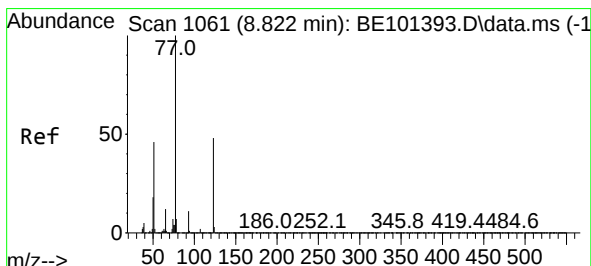
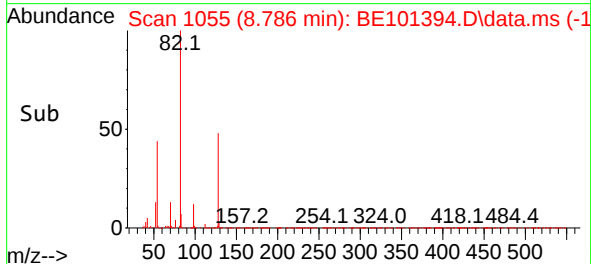
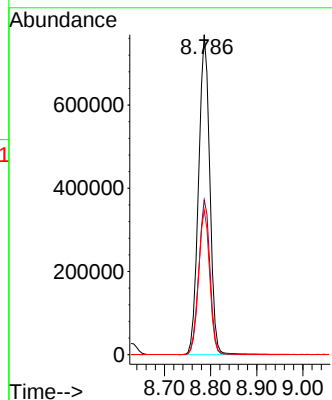
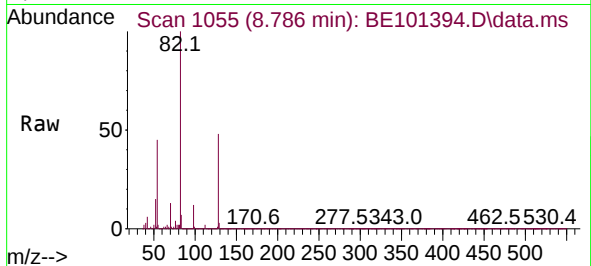
SSTDICC050

Tgt Ion: 82 Resp: 1293125
Ion Ratio Lower Upper
82 100
128 48.4 38.9 58.3
54 45.1 36.2 54.4

Manual Integrations

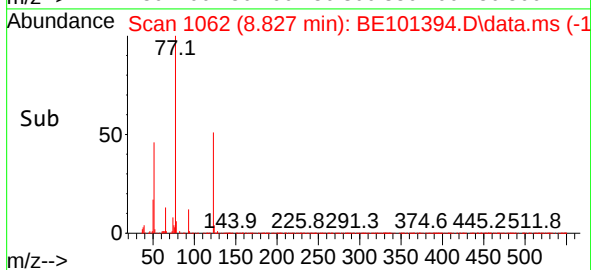
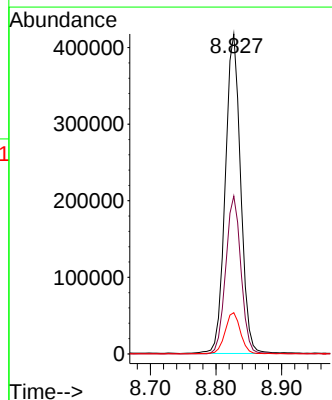
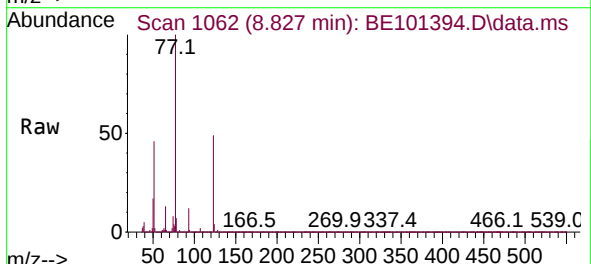
APPROVED

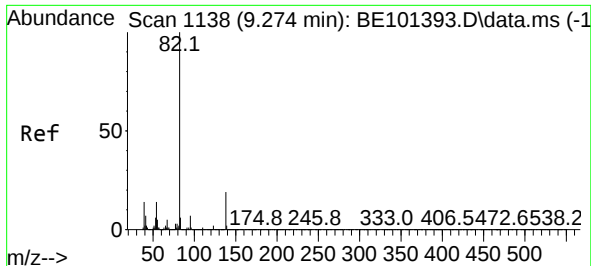
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#24
Nitrobenzene
Concen: 49.988 ng
RT: 8.827 min Scan# 1062
Delta R.T. 0.005 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

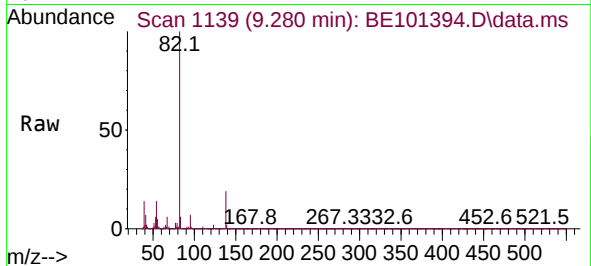
Tgt Ion: 77 Resp: 678889
Ion Ratio Lower Upper
77 100
123 49.3 38.7 58.1
65 12.9 10.0 15.0





#25
Isophorone
Concen: 51.402 ng
RT: 9.280 min Scan# 1138
Delta R.T. 0.005 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

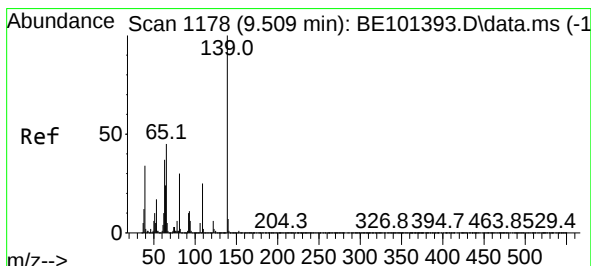
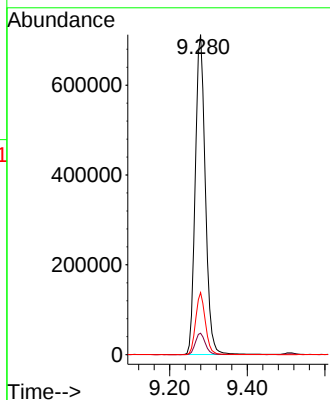
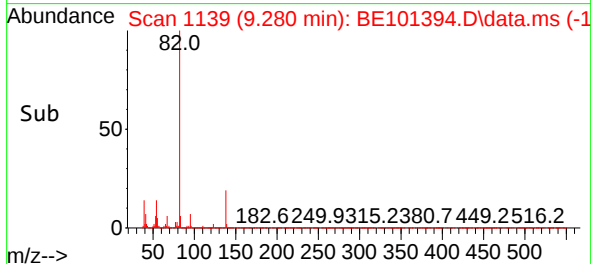
Instrument :
BNA_E
ClientSampleId :
SSTDICC050



Tgt Ion: 82 Resp: 1279882
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 19.4 15.0 22.4

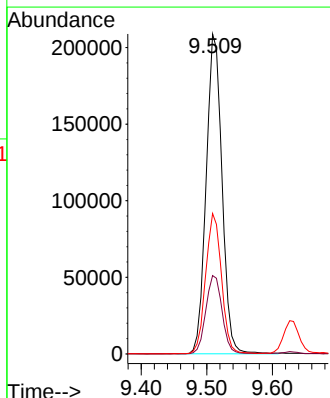
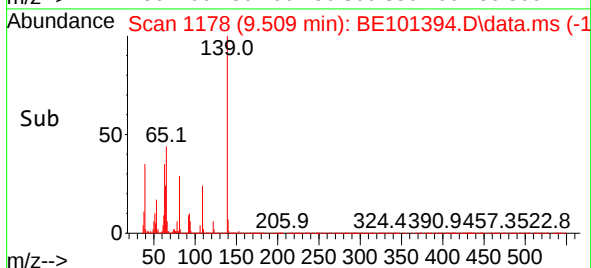
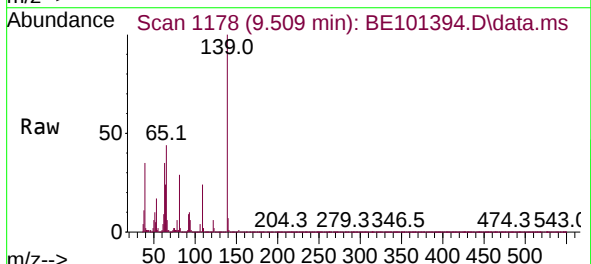
Manual Integrations
APPROVED

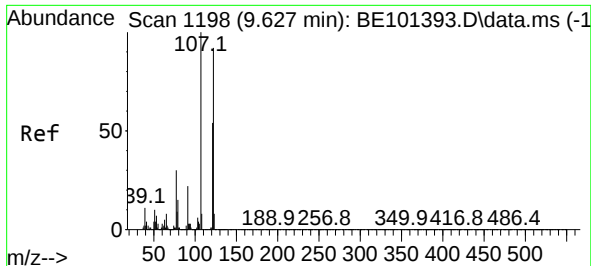
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#26
2-Nitrophenol
Concen: 53.315 ng
RT: 9.509 min Scan# 1178
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Tgt Ion:139 Resp: 349958
Ion Ratio Lower Upper
139 100
109 24.5 20.1 30.1
65 43.9 36.0 54.0





#27

2,4-Dimethylphenol

Concen: 49.962 ng

RT: 9.632 min Scan# 1199

Delta R.T. 0.005 min

Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC050

Tgt Ion:122 Resp: 412678

Ion Ratio Lower Upper

122 100

107 109.8 87.4 131.0

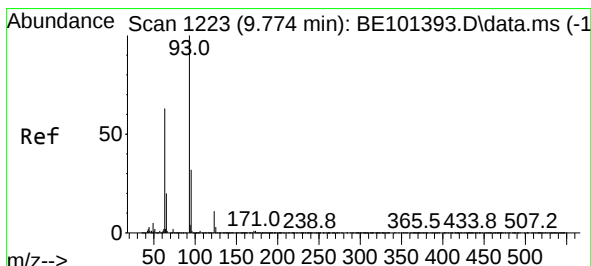
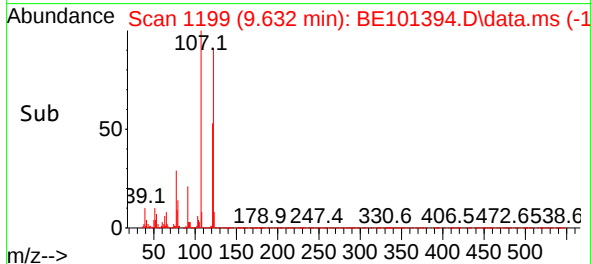
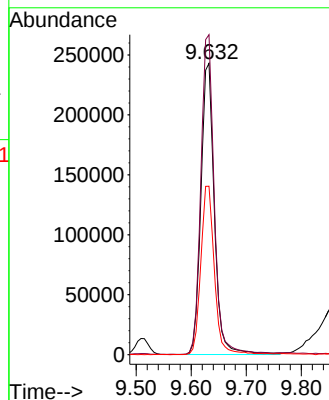
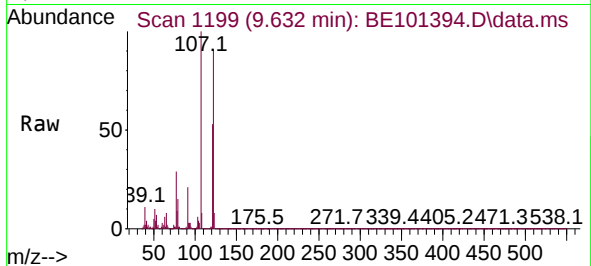
121 57.8 47.4 71.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#28

bis(2-Chloroethoxy)methane

Concen: 49.643 ng

RT: 9.779 min Scan# 1224

Delta R.T. 0.005 min

Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

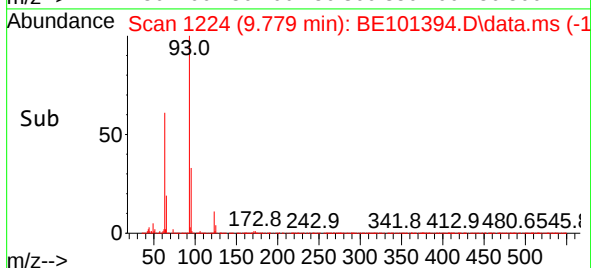
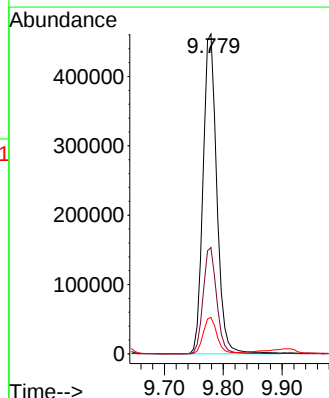
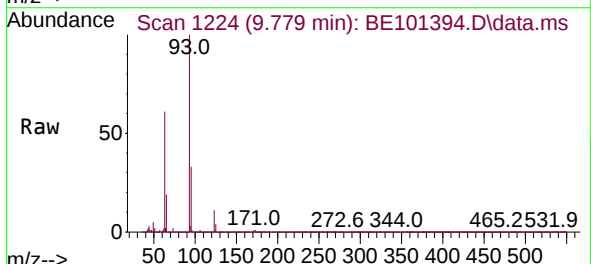
Tgt Ion: 93 Resp: 749624

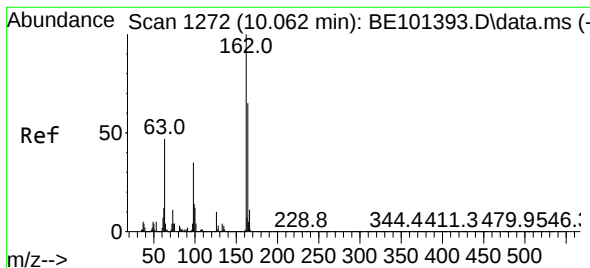
Ion Ratio Lower Upper

93 100

95 33.2 25.8 38.6

123 11.4 8.6 13.0





#29
2,4-Dichlorophenol
Concen: 50.250 ng
RT: 10.061 min Scan# 1272
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

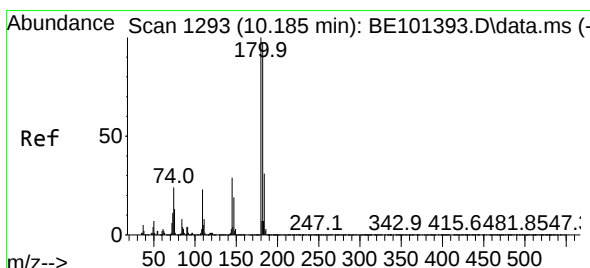
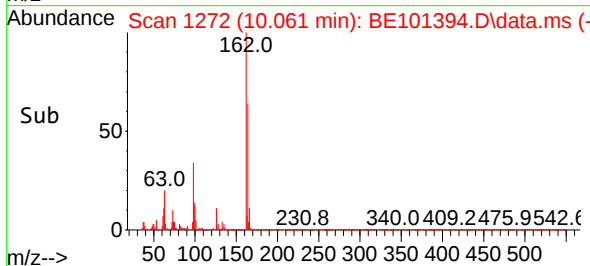
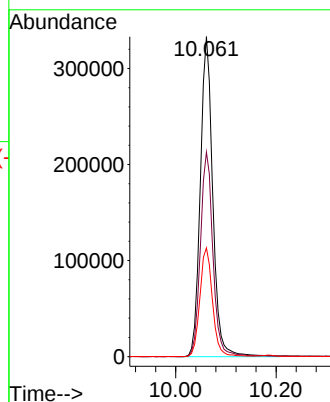
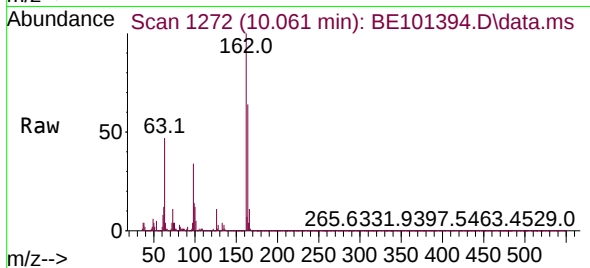
ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 574208
Ion Ratio Lower Upper
162 100
164 63.9 45.4 85.4
98 34.0 14.5 54.5

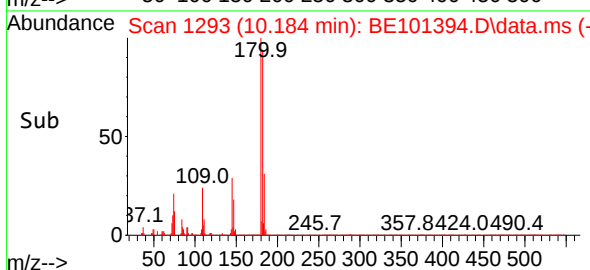
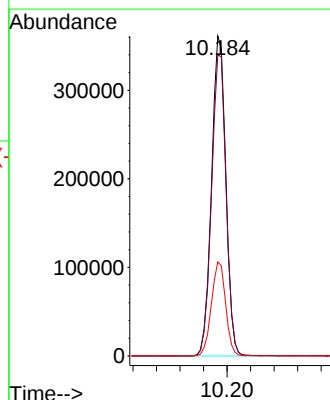
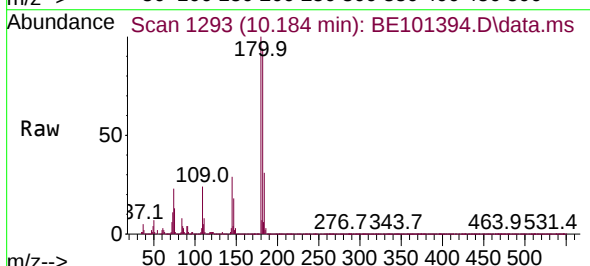
Manual Integrations
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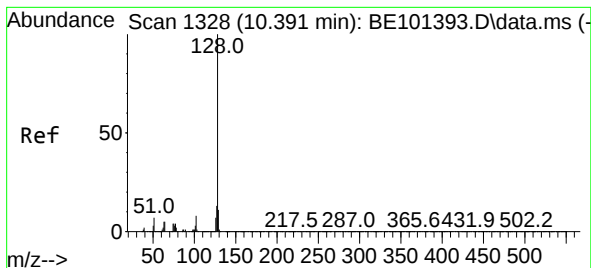
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#30
1,2,4-Trichlorobenzene
Concen: 48.902 ng
RT: 10.184 min Scan# 1293
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Tgt Ion:180 Resp: 608746
Ion Ratio Lower Upper
180 100
182 94.0 77.4 116.0
145 29.4 23.3 34.9





#31
Naphthalene
Concen: 48.168 ng
RT: 10.390 min Scan# 1328
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

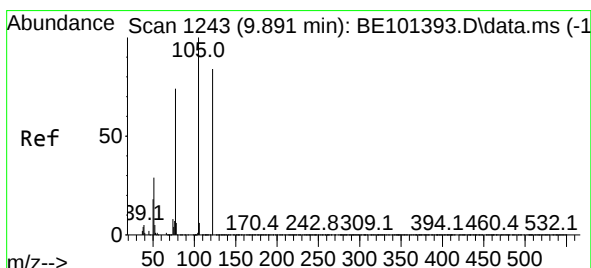
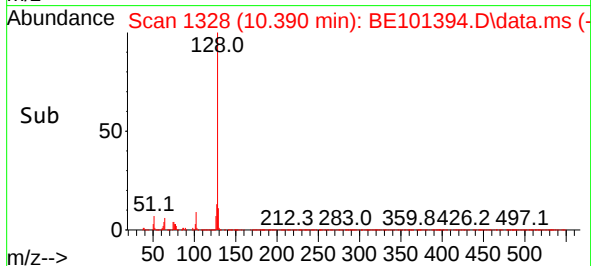
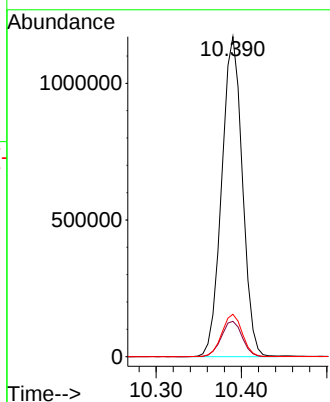
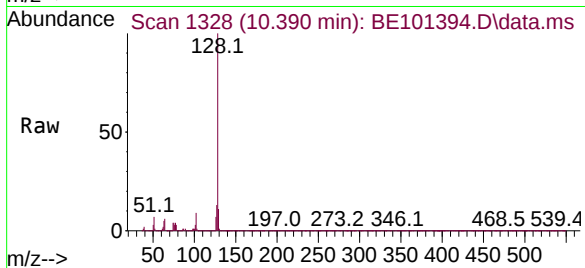
SSTDICC050

Tgt Ion:128 Resp: 1967240
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.3 15.5

Manual Integrations

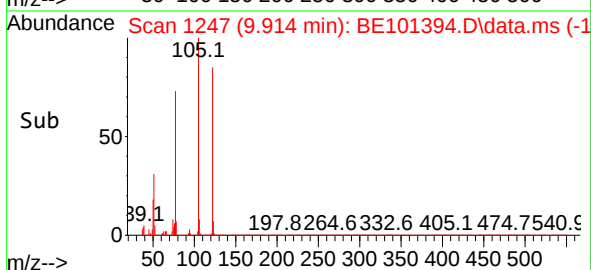
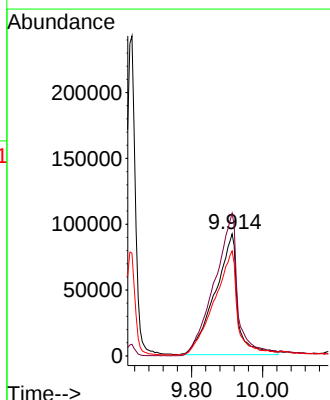
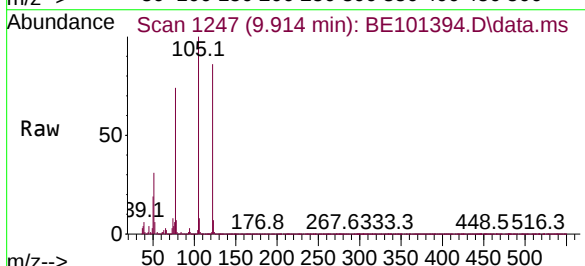
APPROVED

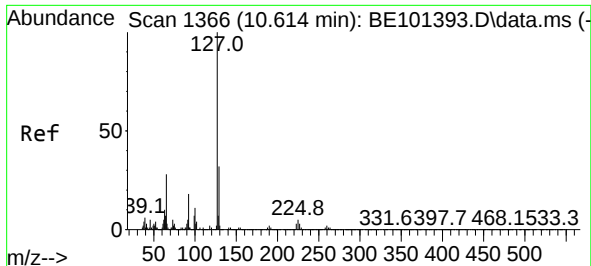
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#32
Benzoic acid
Concen: 47.974 ng
RT: 9.914 min Scan# 1247
Delta R.T. 0.023 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Tgt Ion:122 Resp: 407599
Ion Ratio Lower Upper
122 100
105 116.9 97.9 137.9
77 86.0 68.1 108.1





#33
4-Chloroaniline
Concen: 51.367 ng
RT: 10.619 min Scan# 1367
Delta R.T. 0.005 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Instrument :

BNL_E

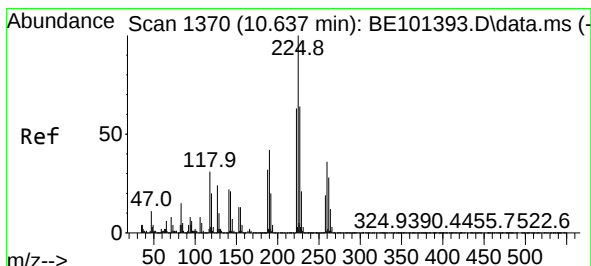
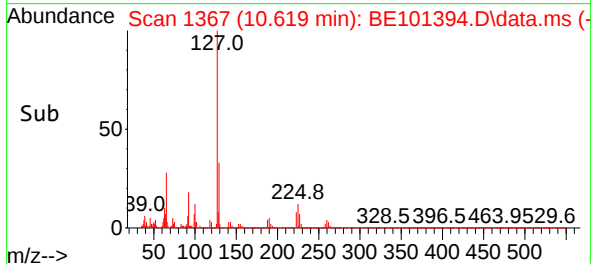
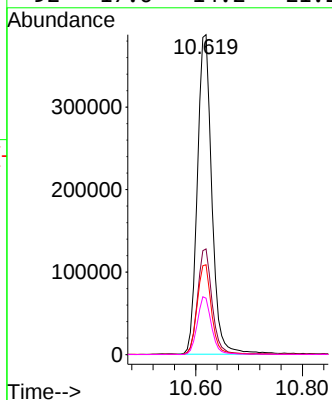
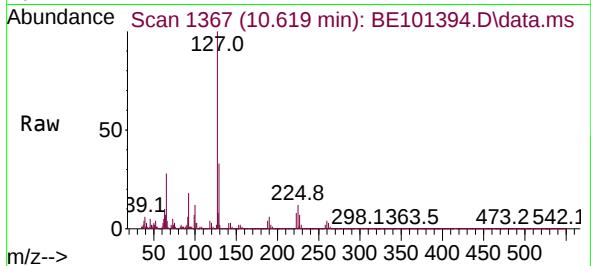
ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 72948
Ion Ratio Lower Upper
127 100
129 33.0 25.7 38.5
65 28.1 22.2 33.4
92 17.6 14.2 21.2

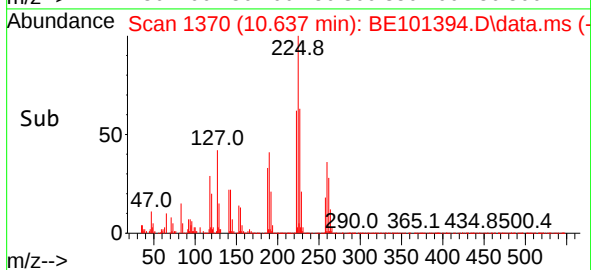
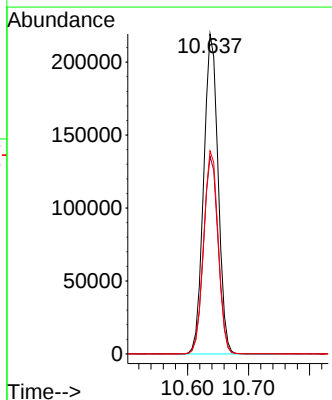
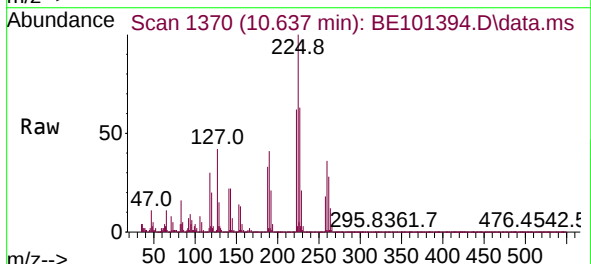
Manual Integrations
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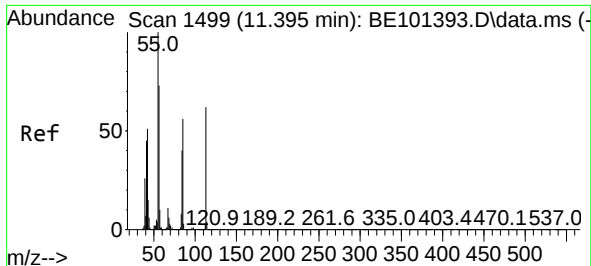
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#34
Hexachlorobutadiene
Concen: 48.703 ng
RT: 10.637 min Scan# 1370
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

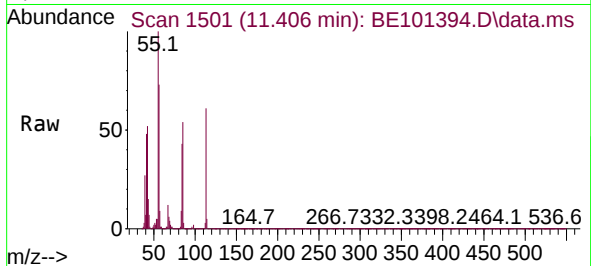
Tgt Ion:225 Resp: 358862
Ion Ratio Lower Upper
225 100
223 61.7 50.5 75.7
227 63.4 51.0 76.6





#35
Caprolactam
Concen: 54.100 ng m
RT: 11.406 min Scan# 1499
Delta R.T. 0.011 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

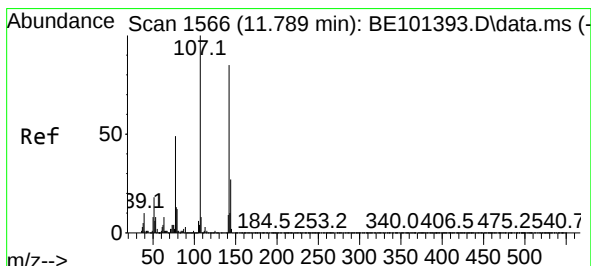
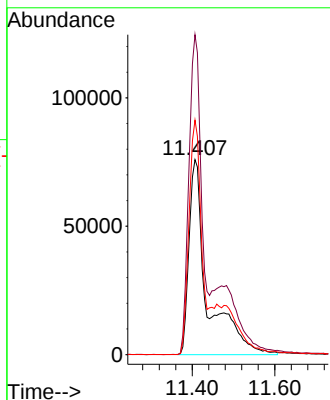
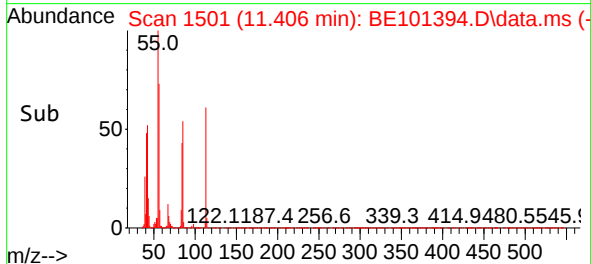
Instrument :
BNA_E
ClientSampleId :
SSTDICC050



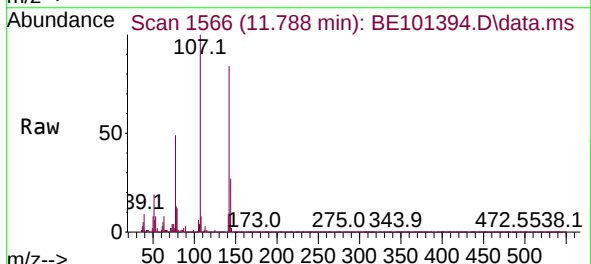
Tgt Ion:113 Resp: 23642
Ion Ratio Lower Upper
113 100
55 164.1 141.2 181.2
56 120.2 96.9 136.9

Manual Integrations
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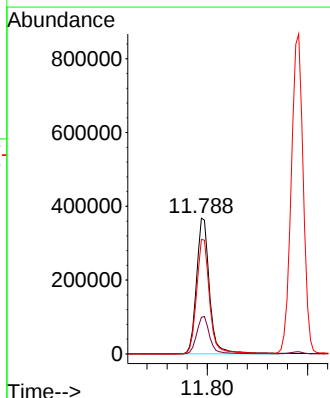
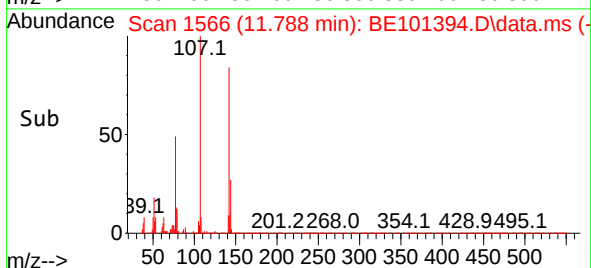
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

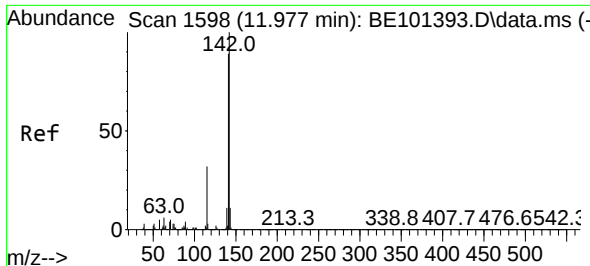


#36
4-Chloro-3-methylphenol
Concen: 50.866 ng
RT: 11.788 min Scan# 1566
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49



Tgt Ion:107 Resp: 661811
Ion Ratio Lower Upper
107 100
144 27.0 21.9 32.9
142 84.3 68.0 102.0





#37
2-Methylnaphthalene
Concen: 48.395 ng
RT: 11.982 min Scan# 1598
Delta R.T. 0.005 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

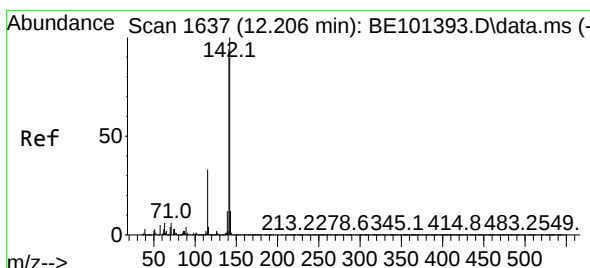
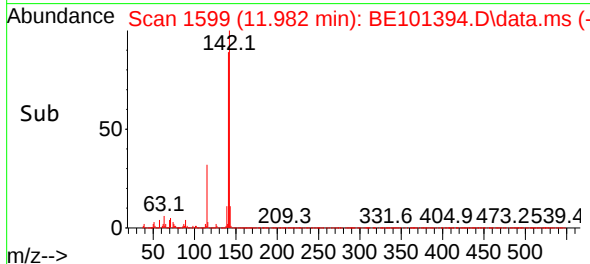
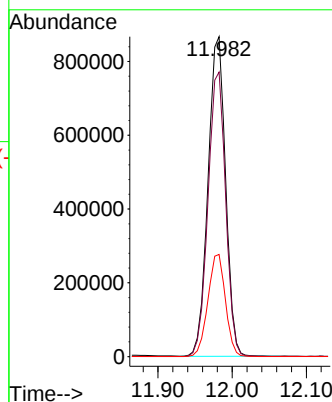
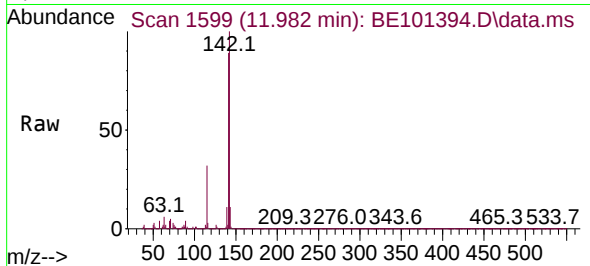
SSTDICC050

Tgt Ion:142 Resp: 1423968
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2
115 31.9 25.6 38.4

Manual Integrations

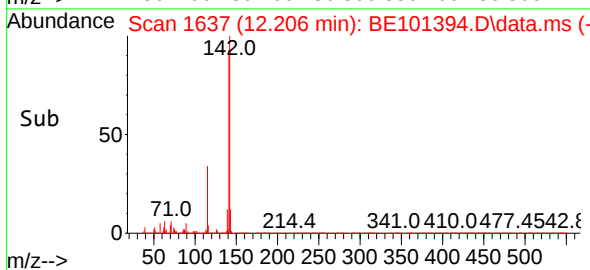
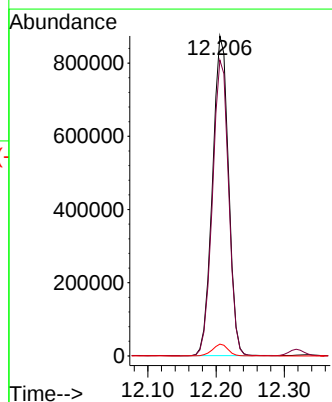
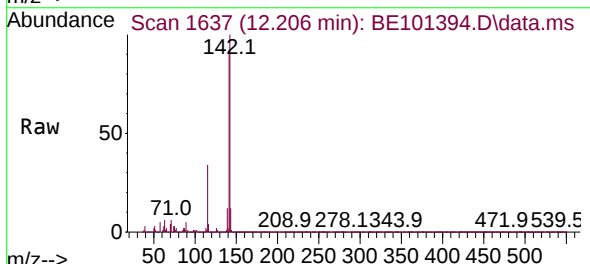
APPROVED

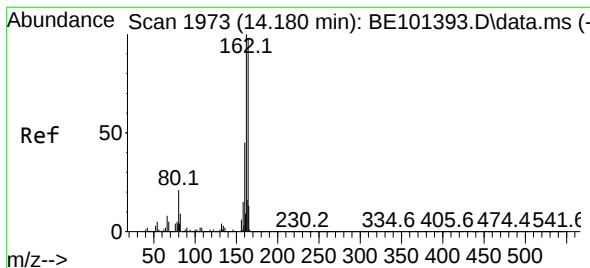
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#38
1-Methylnaphthalene
Concen: 48.370 ng
RT: 12.206 min Scan# 1637
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Tgt Ion:142 Resp: 1420443
Ion Ratio Lower Upper
142 100
141 92.4 75.0 112.4
116 3.7 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.186 min Scan# 1973

Delta R.T. 0.005 min

Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC050

Tgt Ion:164 Resp: 574825

Ion Ratio Lower Upper

164 100

162 102.6 81.3 121.9

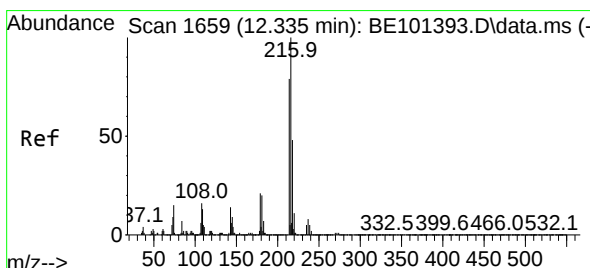
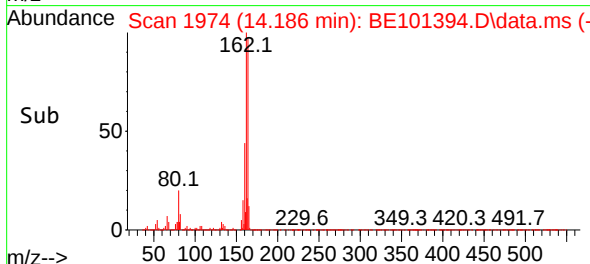
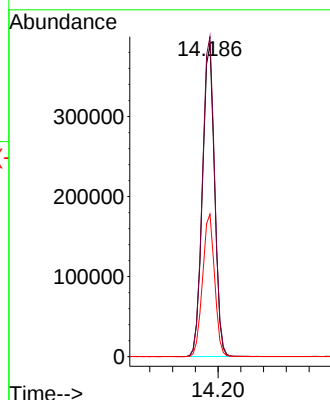
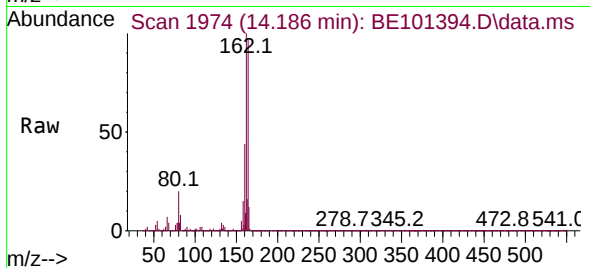
160 45.6 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.917 ng

RT: 12.335 min Scan# 1659

Delta R.T. -0.001 min

Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

Tgt Ion:216 Resp: 705872

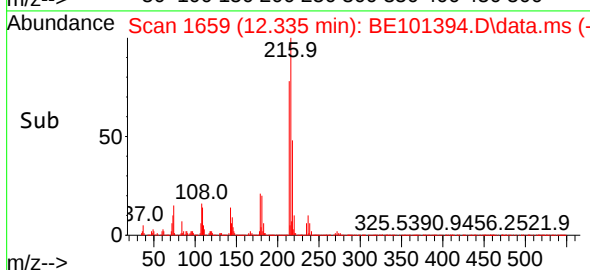
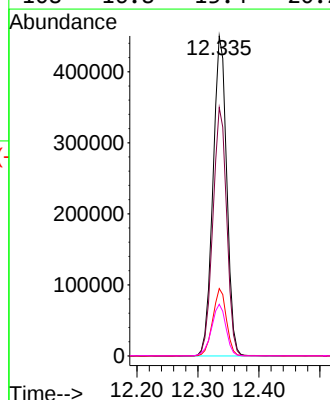
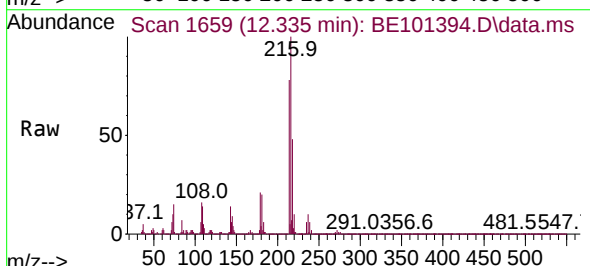
Ion Ratio Lower Upper

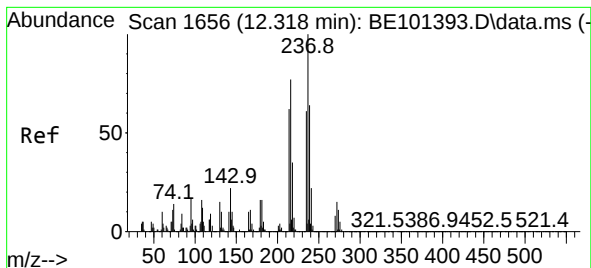
216 100

214 78.1 63.0 94.4

179 20.8 16.7 25.1

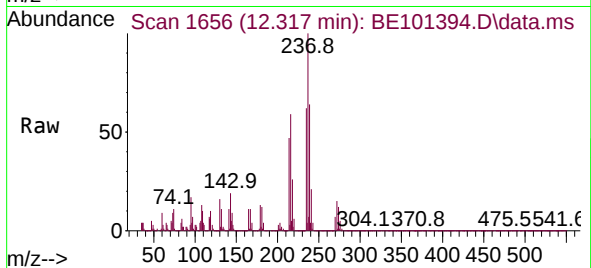
108 16.8 13.4 20.2





#41
Hexachlorocyclopentadiene
Concen: 52.077 ng
RT: 12.317 min Scan# 1656
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

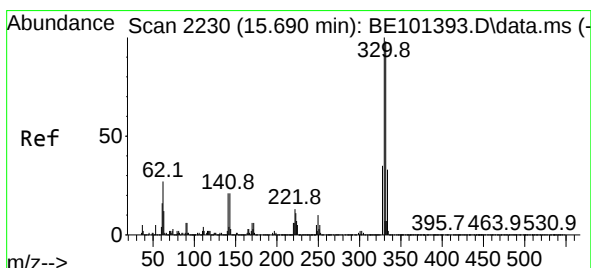
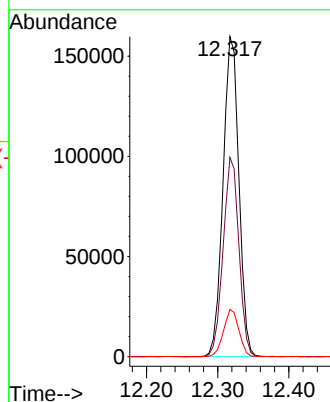
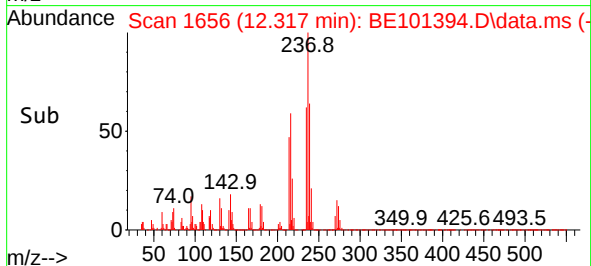
Instrument :
BNA_E
ClientSampleId :
SSTDICC050



Tgt Ion: 237 Resp: 248185
Ion Ratio Lower Upper
237 100
235 62.2 41.3 81.3
272 14.7 0.0 34.6

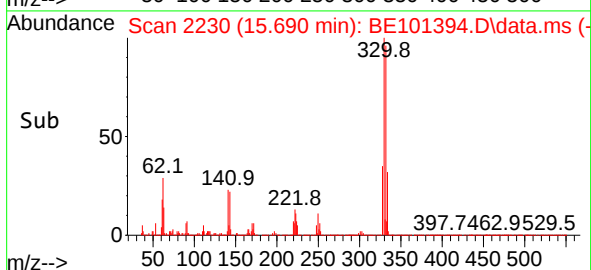
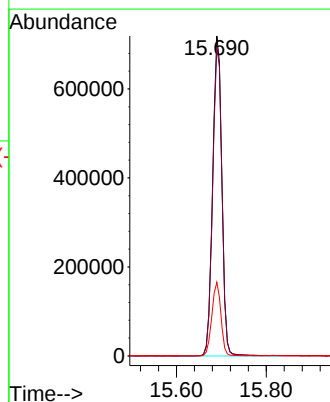
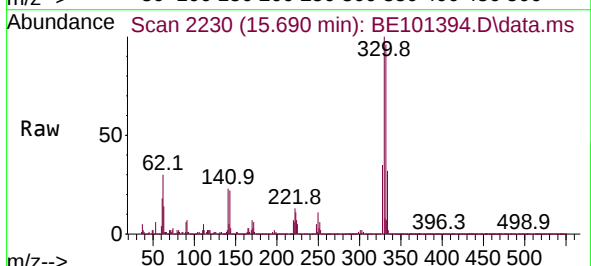
Manual Integrations
APPROVED

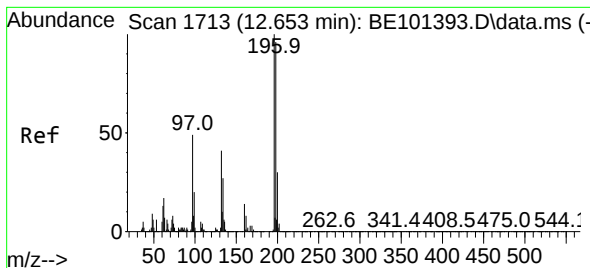
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#42
2,4,6-Tribromophenol
Concen: 101.216 ng
RT: 15.690 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Tgt Ion: 330 Resp: 1019729
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.2
141 22.7 18.3 27.5





#43

2,4,6-Trichlorophenol

Concen: 50.966 ng

RT: 12.658 min Scan# 1713

Delta R.T. 0.005 min

Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC050

Tgt Ion:196 Resp: 507003

Ion Ratio Lower Upper

196 100

198 96.1 76.6 115.0

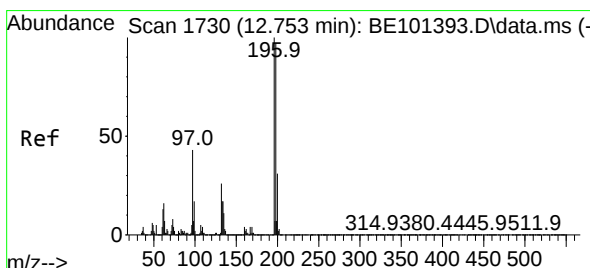
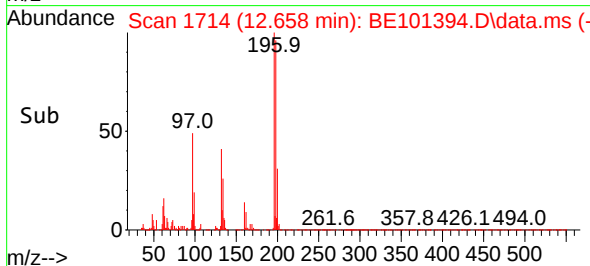
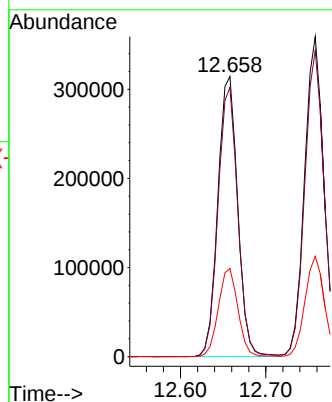
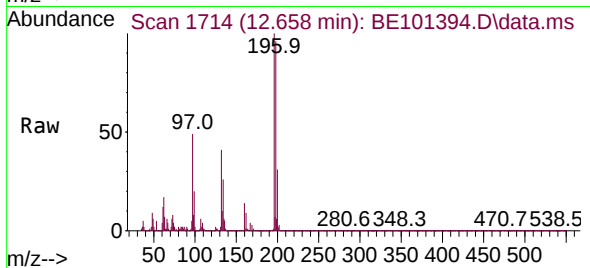
200 31.4 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#44

2,4,5-Trichlorophenol

Concen: 50.725 ng

RT: 12.758 min Scan# 1731

Delta R.T. 0.005 min

Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

Tgt Ion:196 Resp: 577861

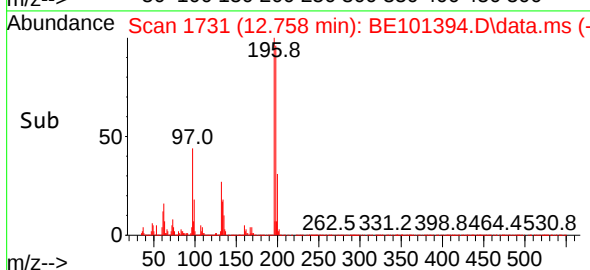
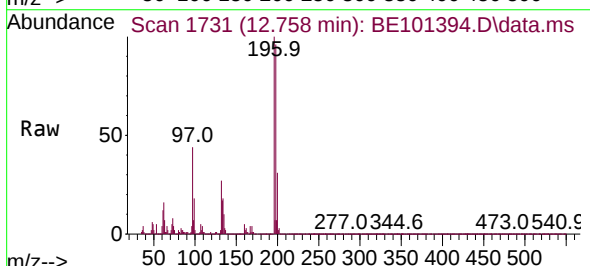
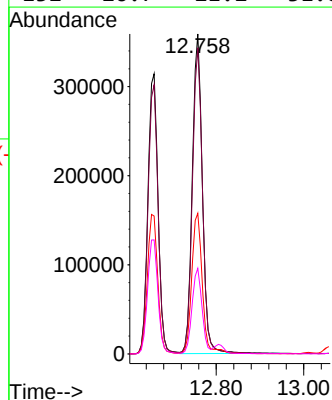
Ion Ratio Lower Upper

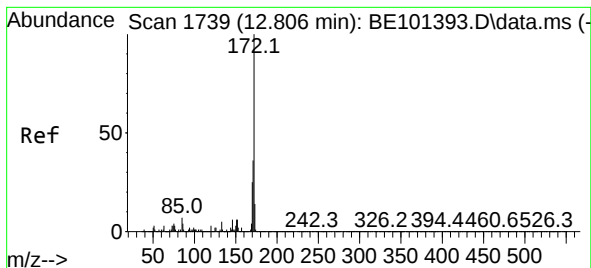
196 100

198 95.7 77.4 116.0

97 43.9 34.8 52.2

132 26.7 21.2 31.8





#45
2-Fluorobiphenyl
Concen: 94.300 ng
RT: 12.805 min Scan# 1739
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

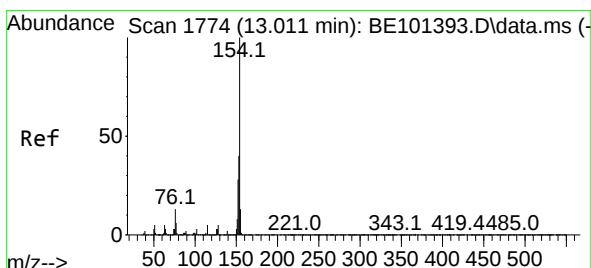
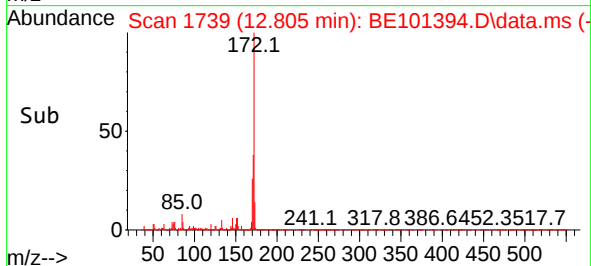
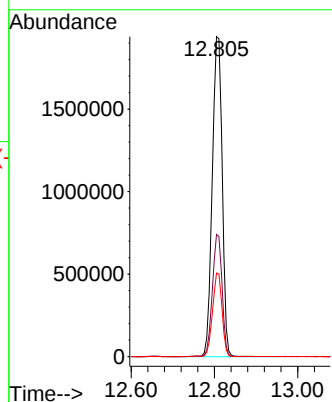
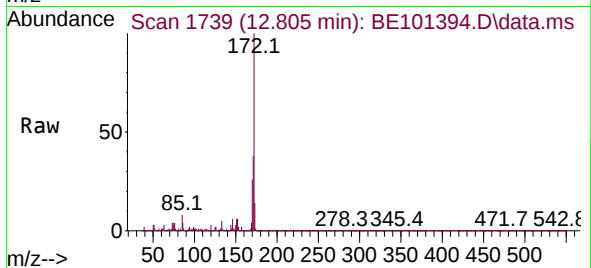
SSTDICC050

Tgt Ion:172 Resp: 3200754
Ion Ratio Lower Upper
172 100
171 38.2 29.2 43.8
170 26.1 19.8 29.6

Manual Integrations

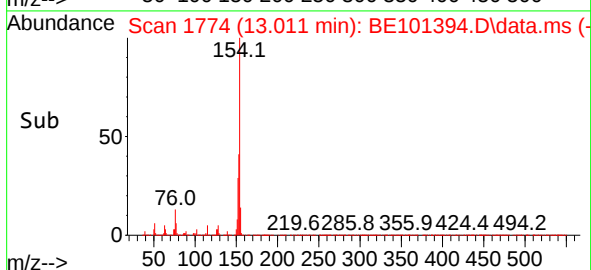
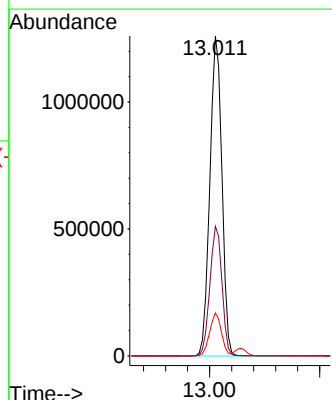
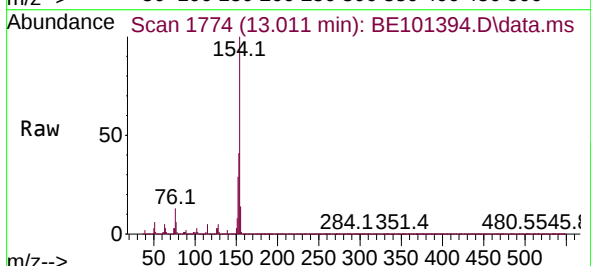
APPROVED

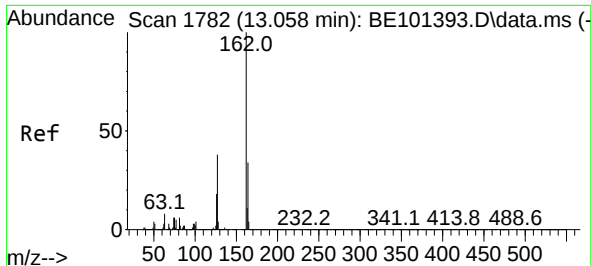
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#46
1,1'-Biphenyl
Concen: 48.394 ng
RT: 13.011 min Scan# 1774
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Tgt Ion:154 Resp: 1905878
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 13.4 0.0 32.6





#47
2-Chloronaphthalene
Concen: 48.698 ng
RT: 13.057 min Scan# 1782
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

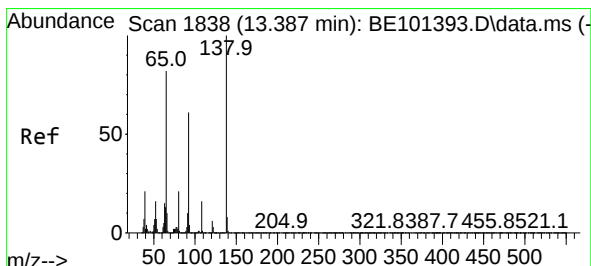
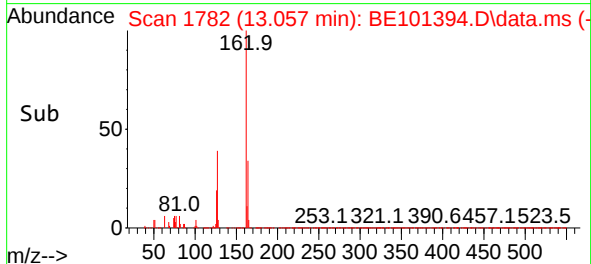
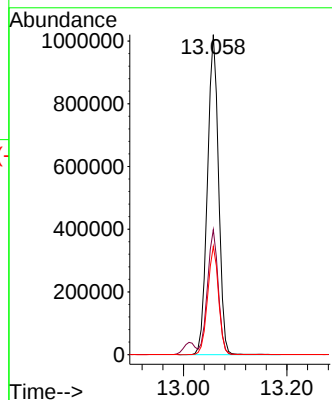
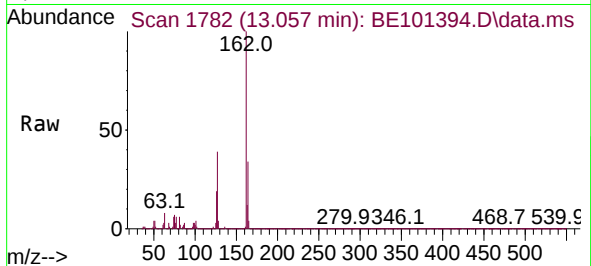
ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 1515183
Ion Ratio Lower Upper
162 100
127 39.0 30.4 45.6
164 33.8 27.0 40.6

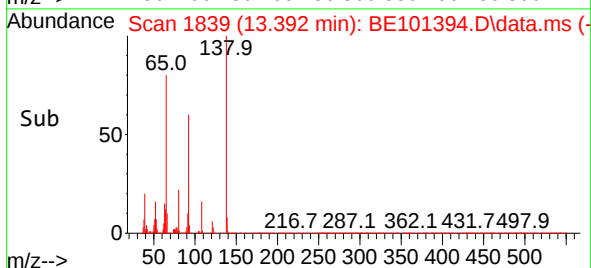
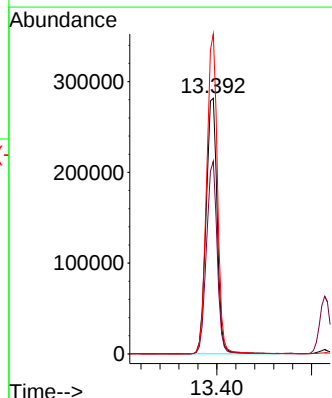
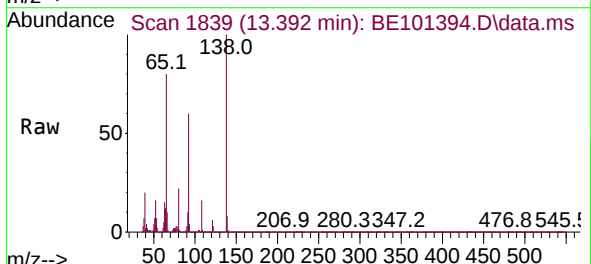
Manual Integrations
APPROVED

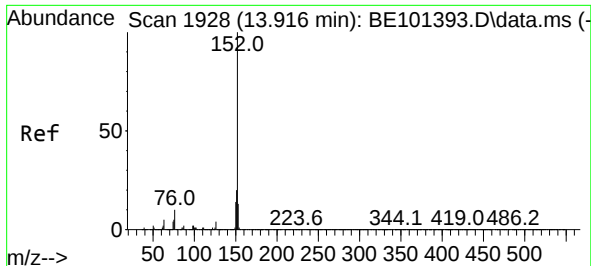
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#48
2-Nitroaniline
Concen: 54.549 ng
RT: 13.392 min Scan# 1839
Delta R.T. 0.005 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Tgt Ion: 65 Resp: 456762
Ion Ratio Lower Upper
65 100
92 75.4 59.0 88.4
138 125.2 97.4 146.0





#49
Acenaphthylene
Concen: 49.532 ng
RT: 13.915 min Scan# 1928
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

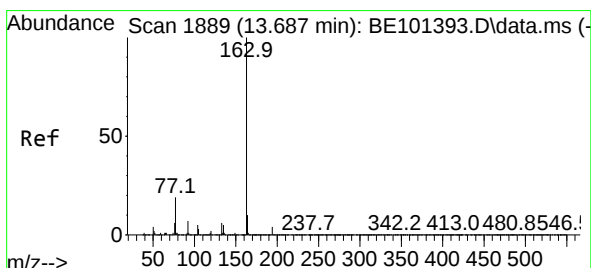
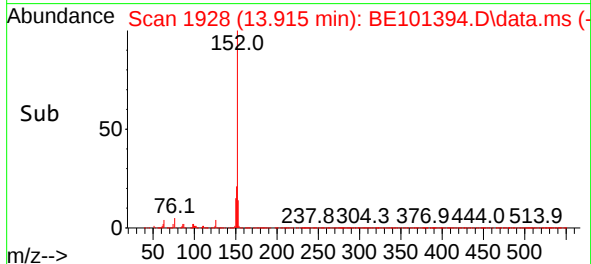
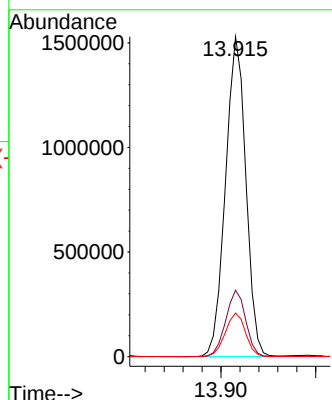
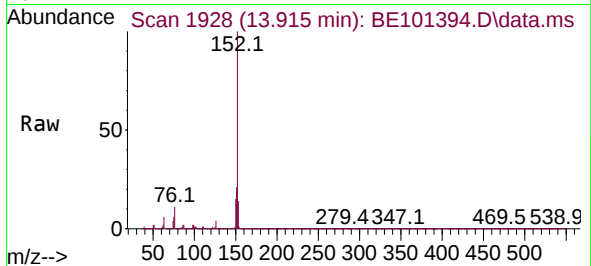
SSTDICC050

Tgt Ion:152 Resp: 2279098
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 13.6 10.5 15.7

Manual Integrations

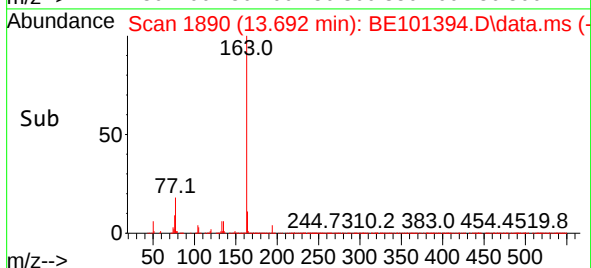
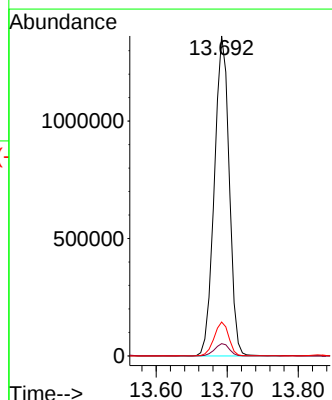
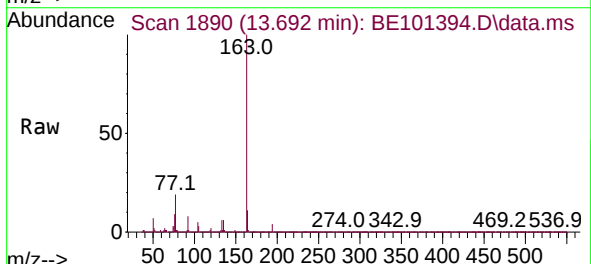
APPROVED

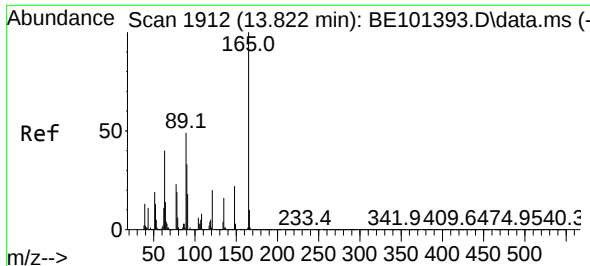
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#50
Dimethylphthalate
Concen: 48.794 ng
RT: 13.692 min Scan# 1890
Delta R.T. 0.005 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Tgt Ion:163 Resp: 1979816
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 10.6 8.4 12.6





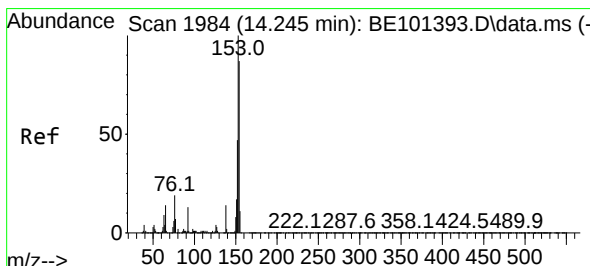
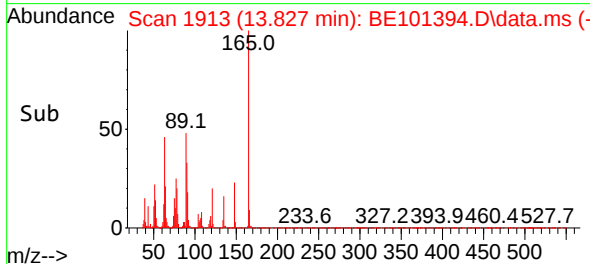
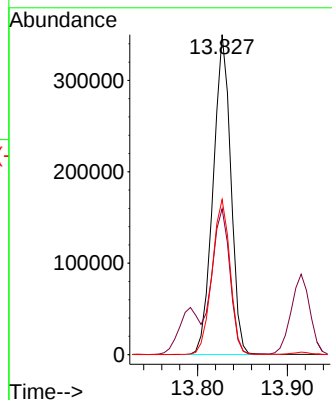
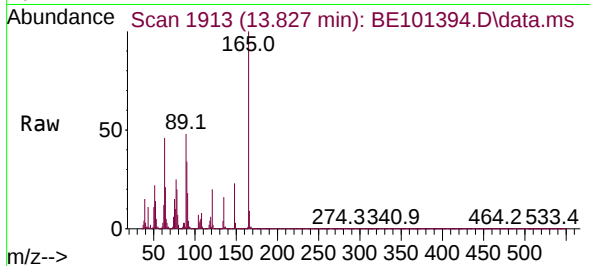
#51
2,6-Dinitrotoluene
Concen: 51.059 ng
RT: 13.827 min Scan# 1912
Delta R.T. 0.005 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 478307
Ion Ratio Lower Upper
165 100
63 45.6 38.0 57.0
89 48.5 39.5 59.3

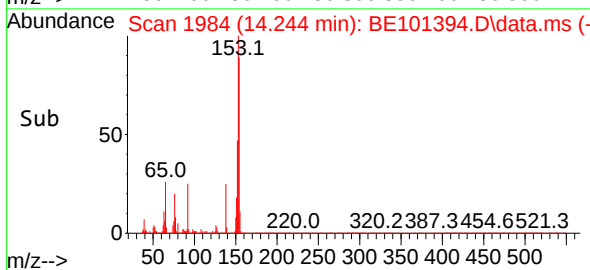
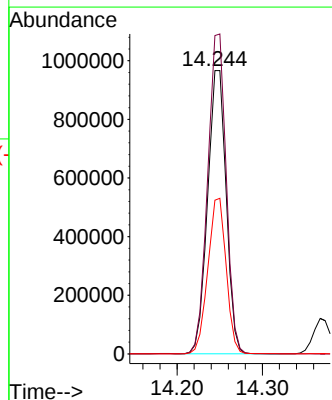
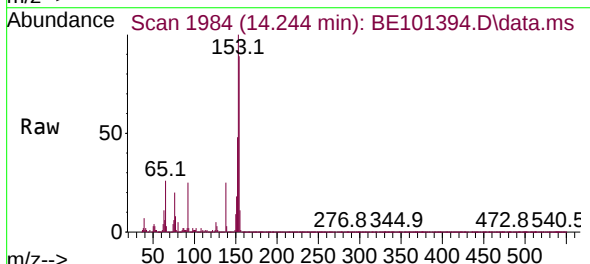
Manual Integrations
APPROVED

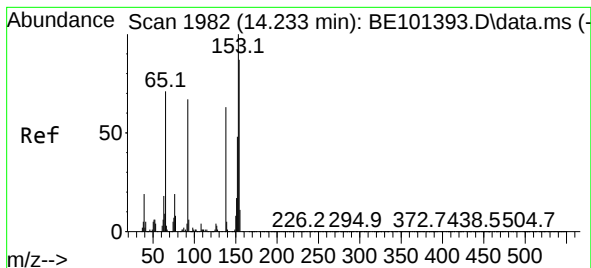
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#52
Acenaphthene
Concen: 48.613 ng
RT: 14.244 min Scan# 1984
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Tgt Ion:154 Resp: 1460597
Ion Ratio Lower Upper
154 100
153 112.4 91.8 137.6
152 54.3 43.1 64.7





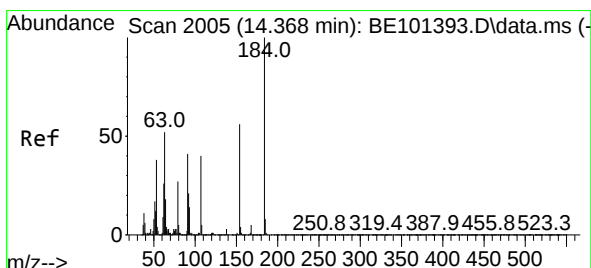
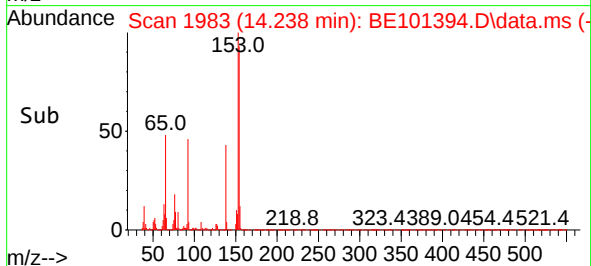
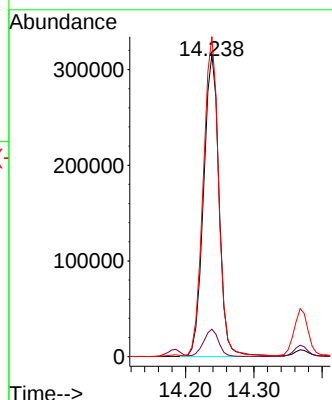
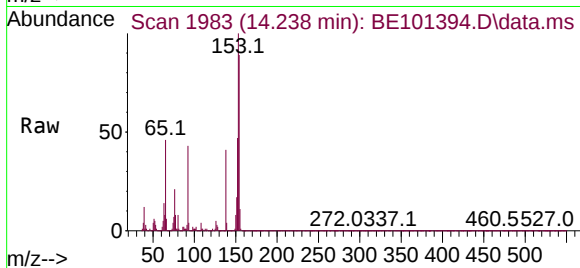
#53
3-Nitroaniline
Concen: 53.595 ng
RT: 14.238 min Scan# 1982
Delta R.T. 0.005 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 499231
Ion Ratio Lower Upper
138 100
108 9.1 7.1 10.7
92 105.8 84.4 126.6

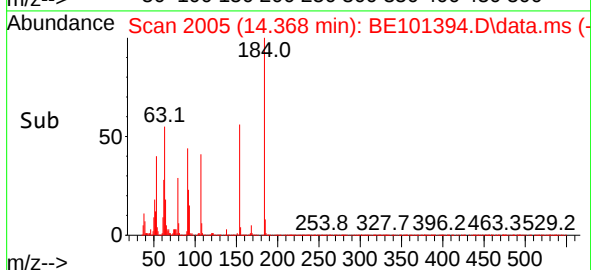
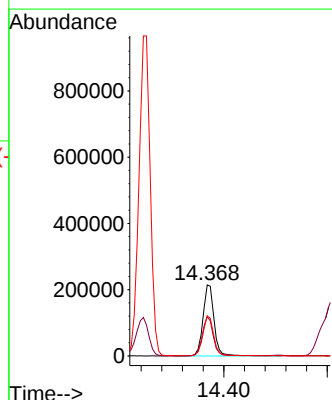
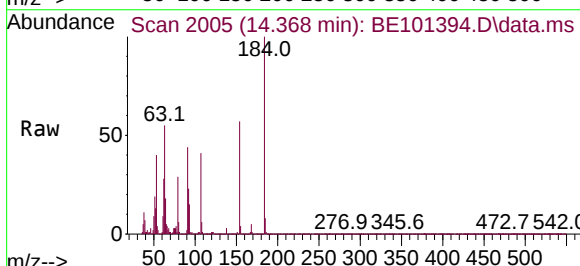
Manual Integrations
APPROVED

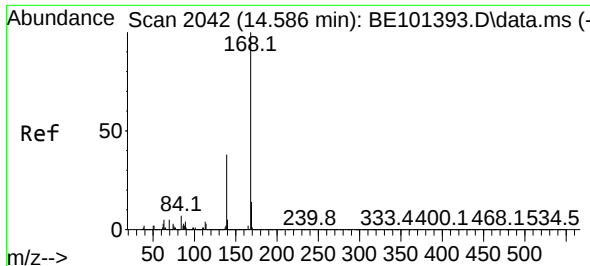
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#54
2,4-Dinitrophenol
Concen: 49.677 ng
RT: 14.368 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Tgt Ion:184 Resp: 315420
Ion Ratio Lower Upper
184 100
63 55.4 41.8 62.6
154 56.5 44.9 67.3





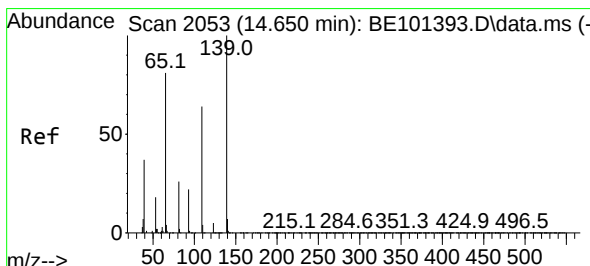
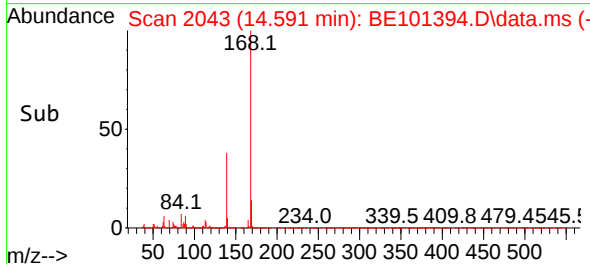
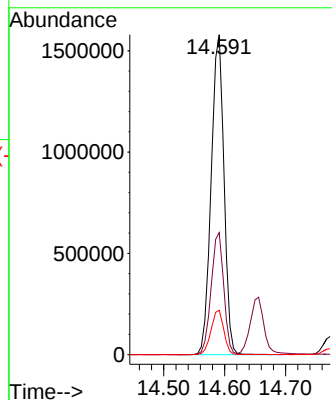
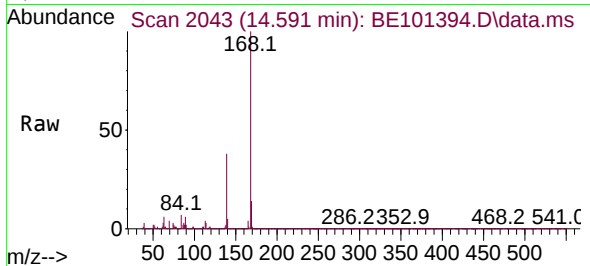
#55
Dibenzenofuran
Concen: 48.140 ng
RT: 14.591 min Scan# 2043
Delta R.T. 0.005 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 2305303
Ion Ratio Lower Upper
168 100
139 38.1 30.2 45.4
169 13.9 11.0 16.4

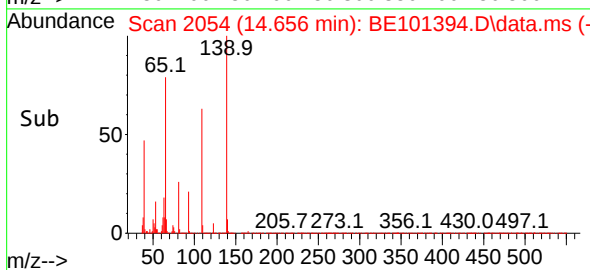
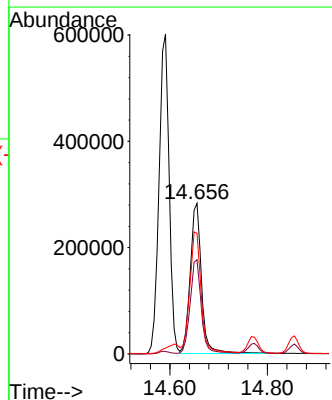
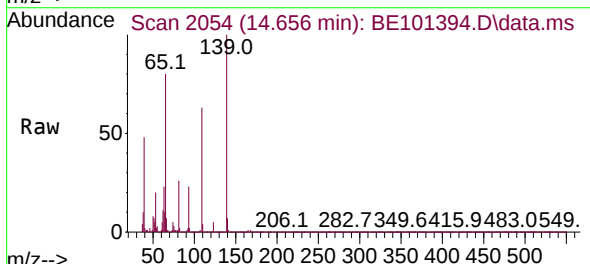
Manual Integrations
APPROVED

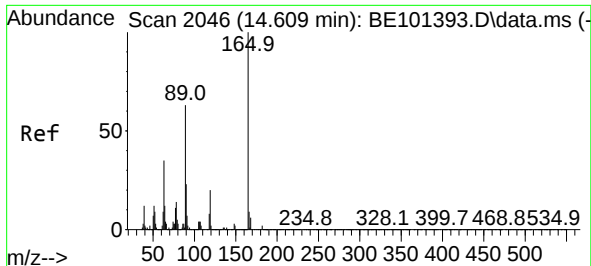
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#56
4-Nitrophenol
Concen: 53.503 ng
RT: 14.656 min Scan# 2054
Delta R.T. 0.006 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Tgt Ion:139 Resp: 456395
Ion Ratio Lower Upper
139 100
109 62.6 42.4 82.4
65 80.2 63.4 103.4





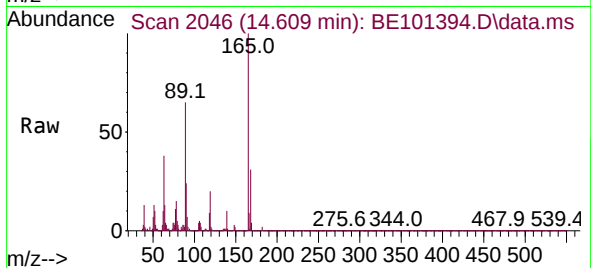
#57
2,4-Dinitrotoluene
Concen: 53.448 ng
RT: 14.609 min Scan# 2046
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC050



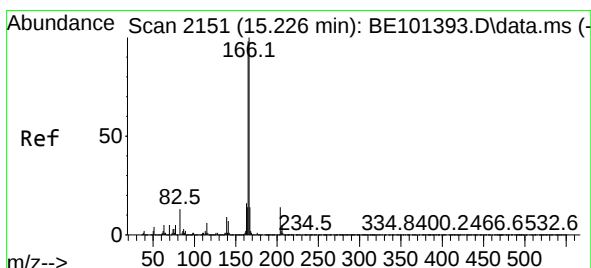
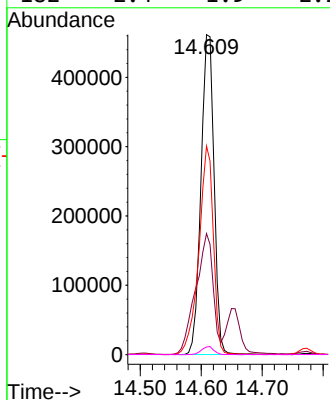
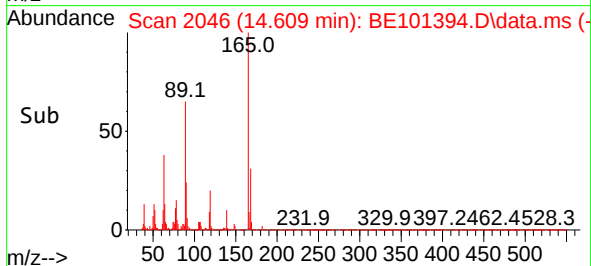
Tgt Ion:165 Resp: 689305
Ion Ratio Lower Upper
165 100
63 37.8 28.6 42.8
89 65.2 50.8 76.2
182 2.4 1.9 2.9

Manual Integrations

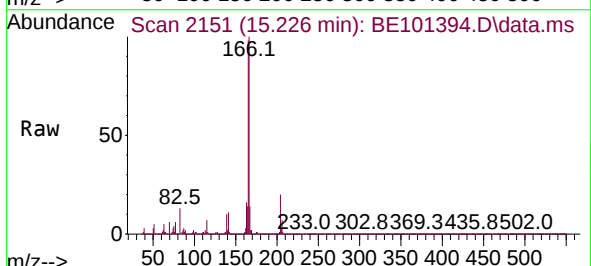
APPROVED

Reviewed By :Yogesh Patel 10/29/2024

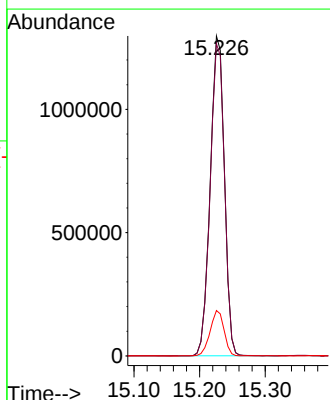
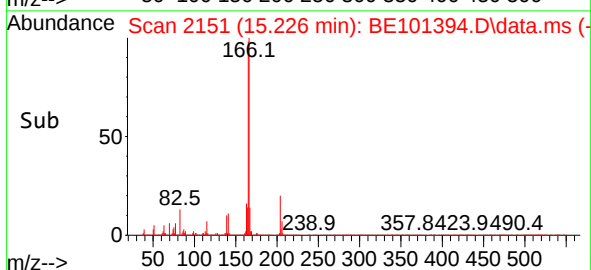
Supervised By :mohammad ahmed 10/30/2024

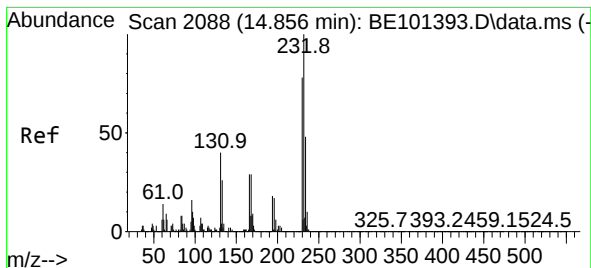


#58
Fluorene
Concen: 48.580 ng
RT: 15.226 min Scan# 2151
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49



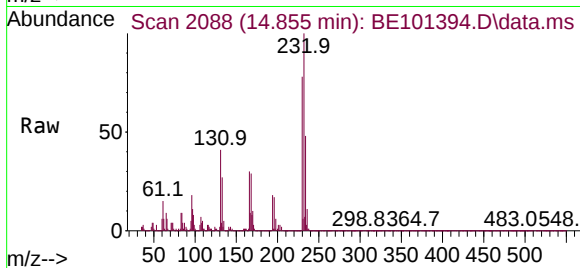
Tgt Ion:166 Resp: 1946144
Ion Ratio Lower Upper
166 100
165 97.6 78.7 118.1
167 14.2 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.129 ng
RT: 14.855 min Scan# 2088
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

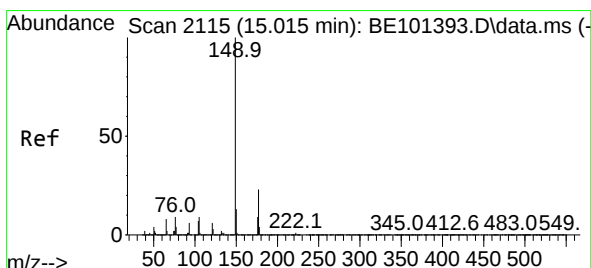
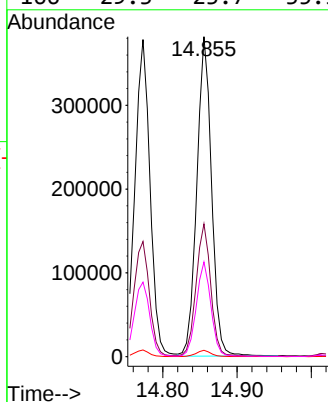
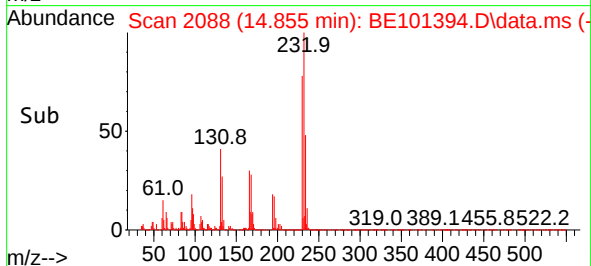
Instrument :
BNA_E
ClientSampleId :
SSTDICC050



Tgt Ion:232 Resp: 527624
Ion Ratio Lower Upper
232 100
131 41.2 33.5 50.3
130 1.9 1.6 2.4
166 29.3 23.7 35.5

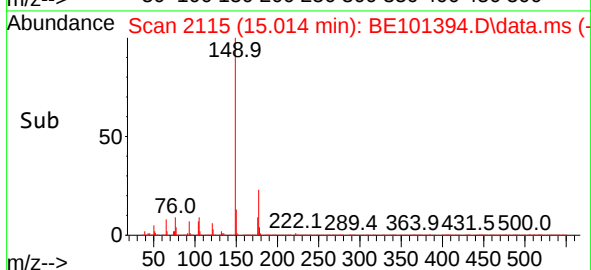
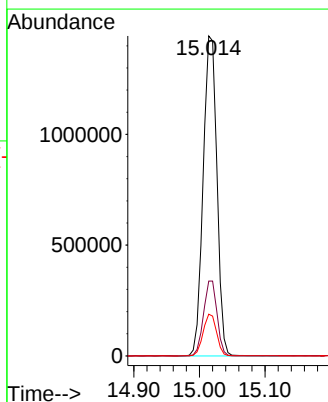
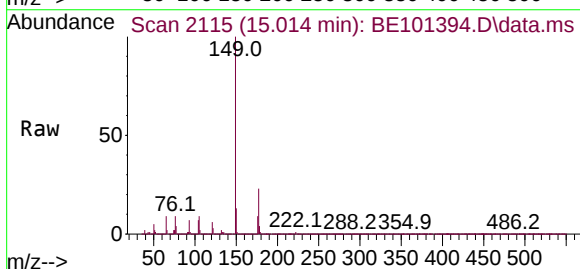
Manual Integrations
APPROVED

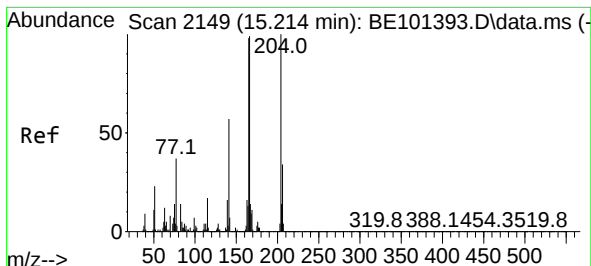
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#60
Diethylphthalate
Concen: 49.303 ng
RT: 15.014 min Scan# 2115
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Tgt Ion:149 Resp: 2092467
Ion Ratio Lower Upper
149 100
177 23.4 18.0 27.0
150 13.0 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 48.844 ng
RT: 15.214 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

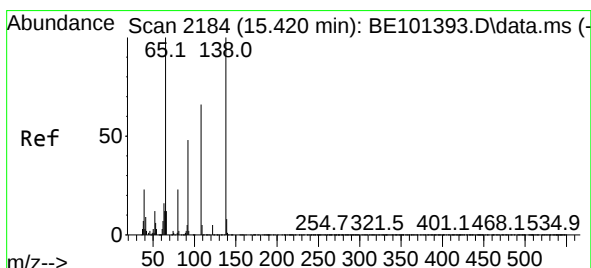
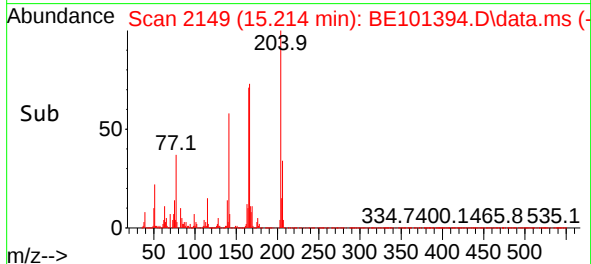
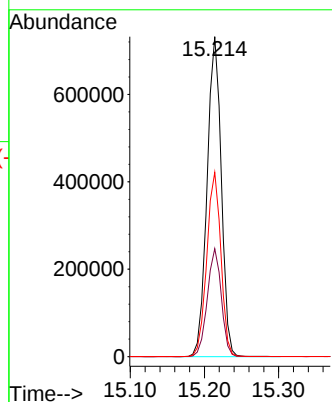
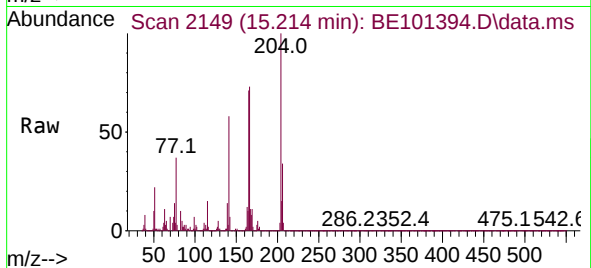
SSTDICC050

Tgt Ion:204 Resp: 970975
Ion Ratio Lower Upper
204 100
206 33.7 26.9 40.3
141 57.6 45.9 68.9

Manual Integrations

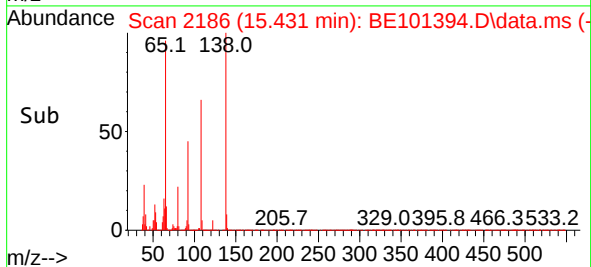
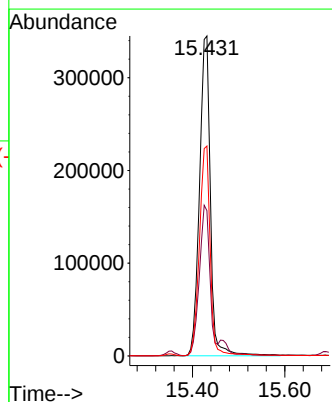
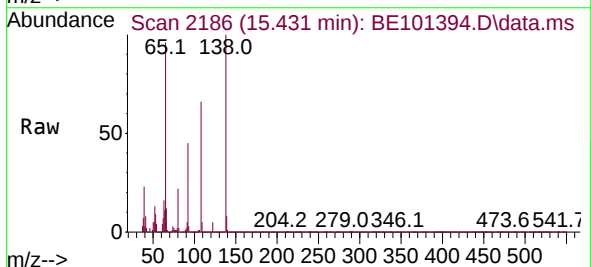
APPROVED

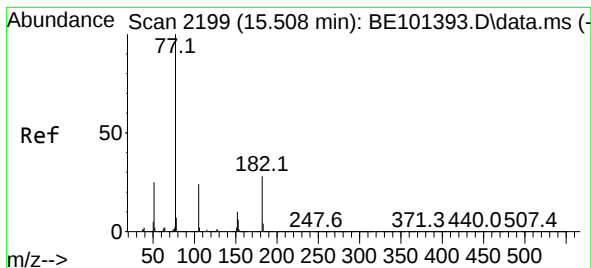
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#62
4-Nitroaniline
Concen: 54.440 ng
RT: 15.431 min Scan# 2186
Delta R.T. 0.011 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

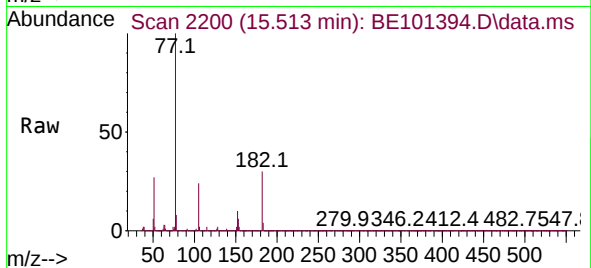
Tgt Ion:138 Resp: 564289
Ion Ratio Lower Upper
138 100
92 45.4 28.7 68.7
108 65.6 46.5 86.5





#63
Azobenzene
Concen: 49.178 ng
RT: 15.513 min Scan# 2199
Delta R.T. 0.005 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

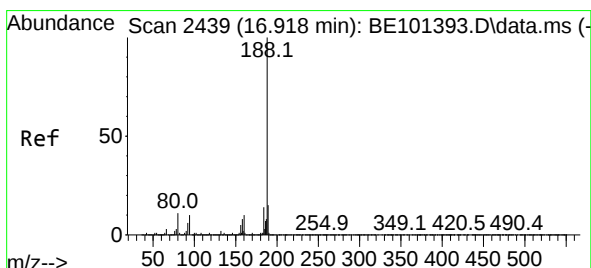
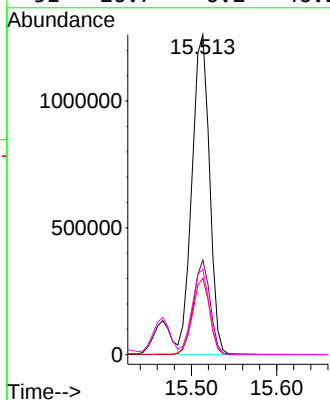
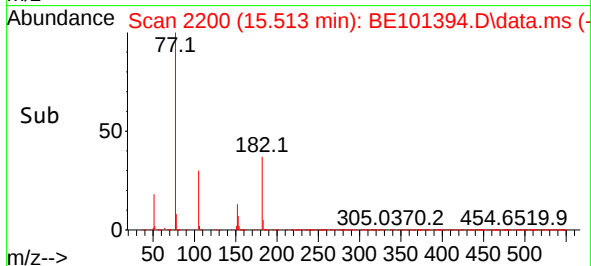
Instrument :
BNA_E
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 1794055
Ion Ratio Lower Upper
77 100
182 29.6 7.6 47.6
105 23.9 3.2 43.2
51 26.7 6.2 46.2

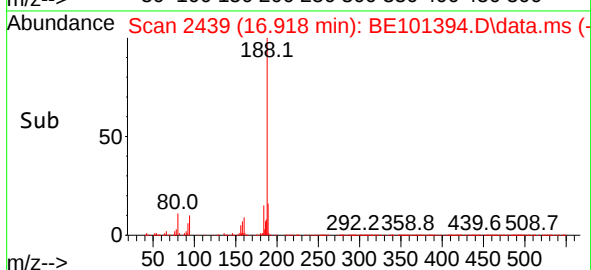
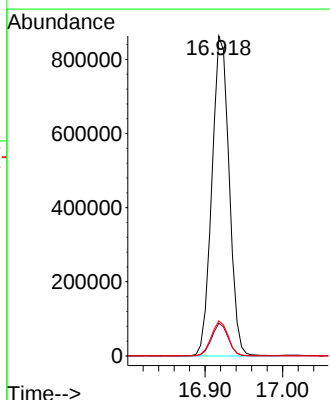
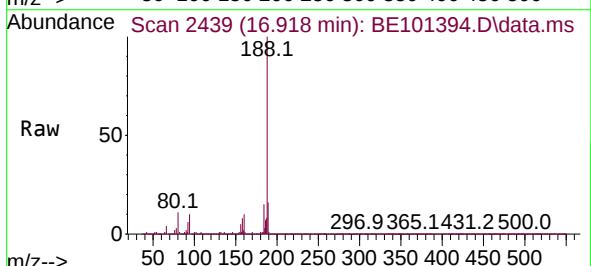
Manual Integrations
APPROVED

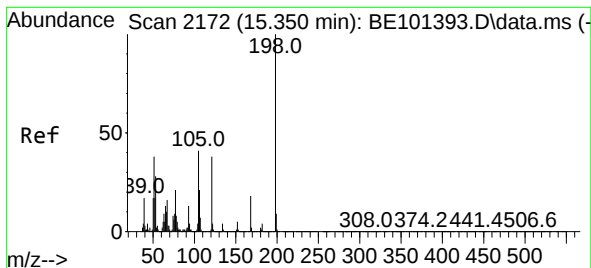
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.918 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

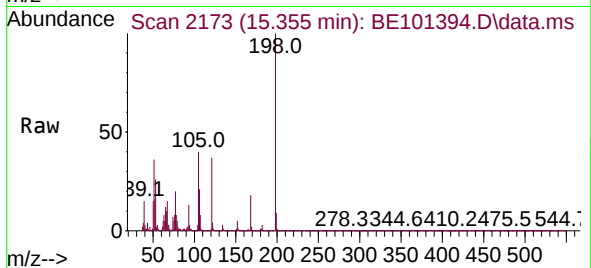
Tgt Ion:188 Resp: 1335462
Ion Ratio Lower Upper
188 100
94 10.2 7.8 11.8
80 10.9 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 53.034 ng
RT: 15.355 min Scan# 2172
Delta R.T. 0.005 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

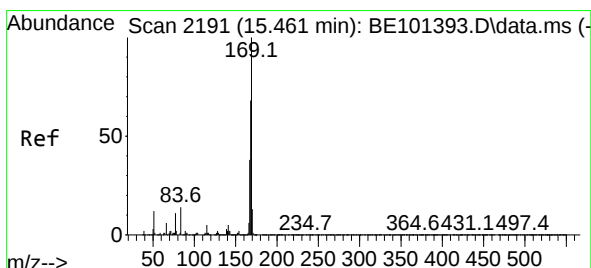
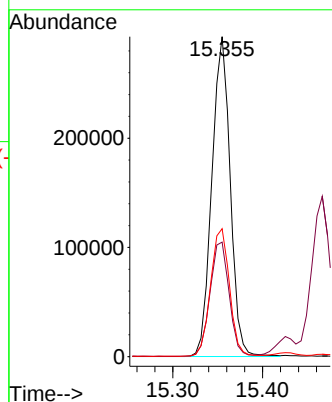
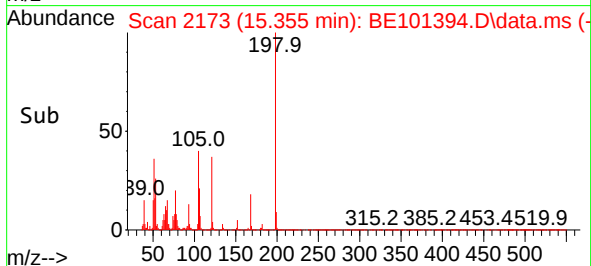
Instrument :
BNA_E
ClientSampleId :
SSTDICC050



Tgt Ion:198 Resp: 416174
Ion Ratio Lower Upper
198 100
51 35.8 18.2 58.2
105 40.0 21.5 61.5

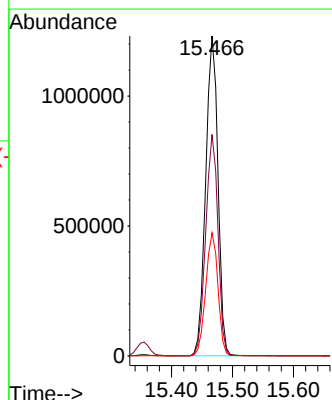
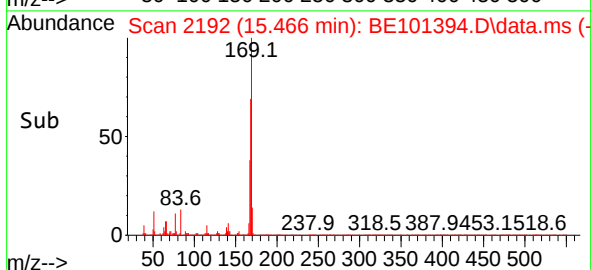
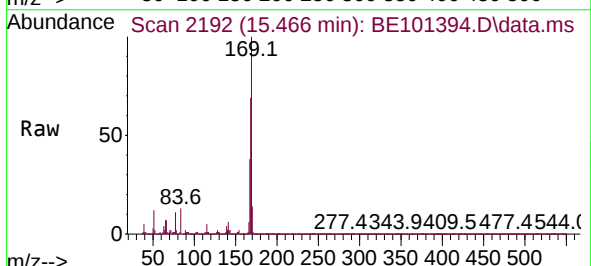
Manual Integrations
APPROVED

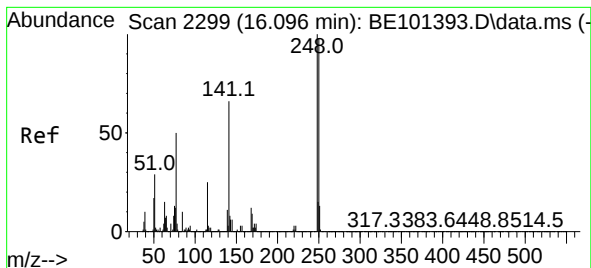
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#66
n-Nitrosodiphenylamine
Concen: 48.631 ng
RT: 15.466 min Scan# 2192
Delta R.T. 0.005 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Tgt Ion:169 Resp: 1722264
Ion Ratio Lower Upper
169 100
168 69.2 54.5 81.7
167 38.5 30.4 45.6





#67
4-Bromophenyl-phenylether
Concen: 49.394 ng
RT: 16.101 min Scan# 2300
Delta R.T. 0.005 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

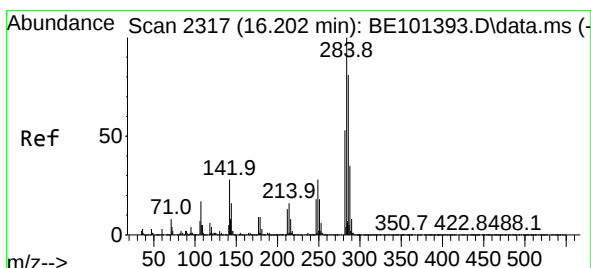
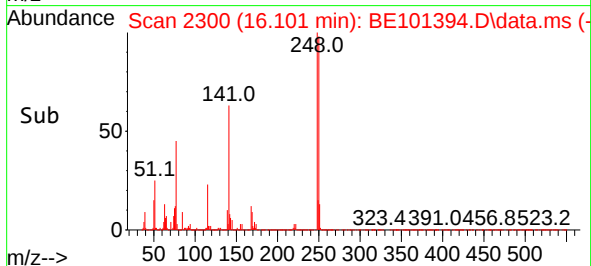
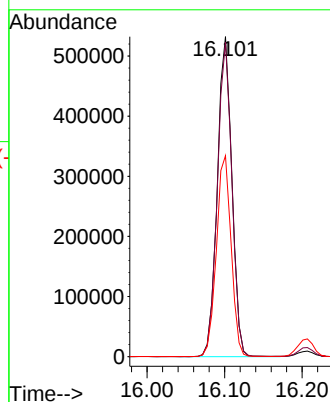
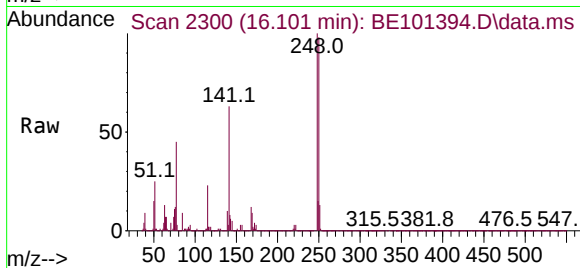
SSTDICC050

Tgt Ion:248 Resp: 693890
Ion Ratio Lower Upper
248 100
250 98.2 78.2 117.2
141 62.8 53.0 79.4

Manual Integrations

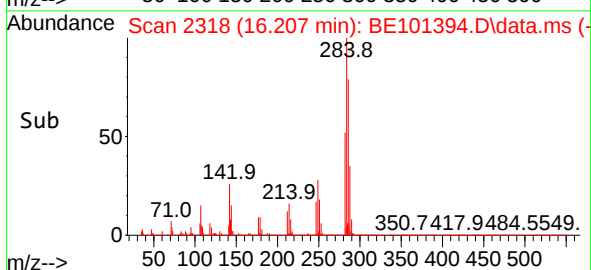
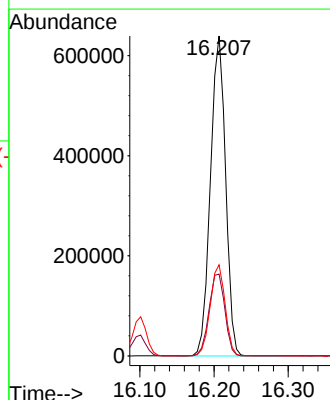
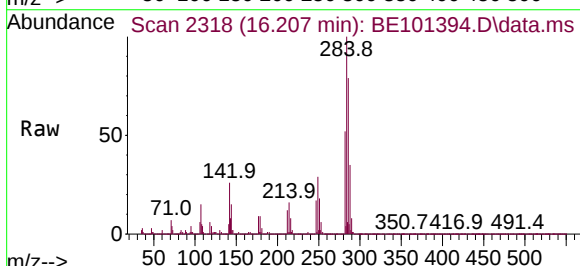
APPROVED

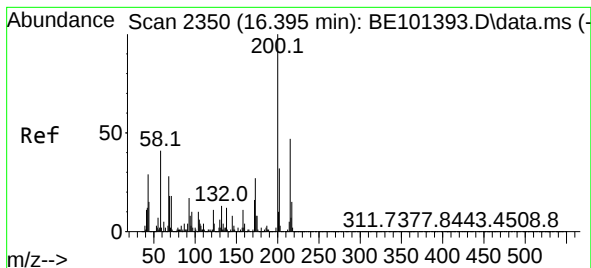
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#68
Hexachlorobenzene
Concen: 49.141 ng
RT: 16.207 min Scan# 2318
Delta R.T. 0.005 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Tgt Ion:284 Resp: 904857
Ion Ratio Lower Upper
284 100
142 25.6 22.2 33.2
249 28.5 22.8 34.2





#69

Atrazine

Concen: 33.446 ng

RT: 16.395 min Scan# 2350

Delta R.T. -0.000 min

Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 36314

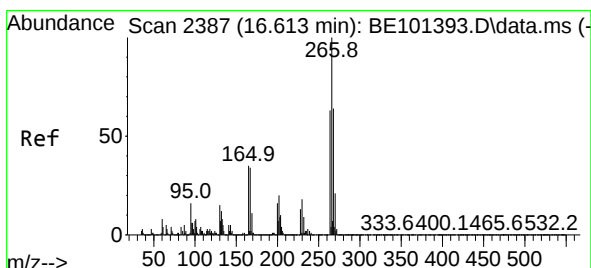
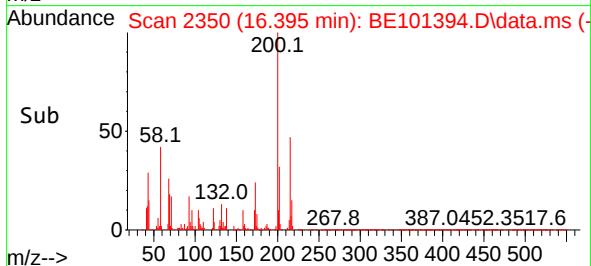
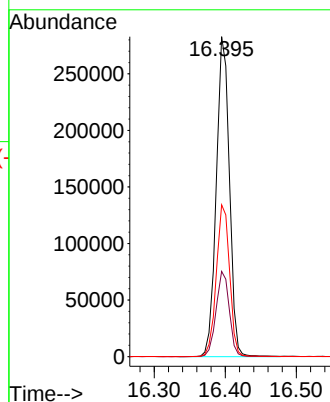
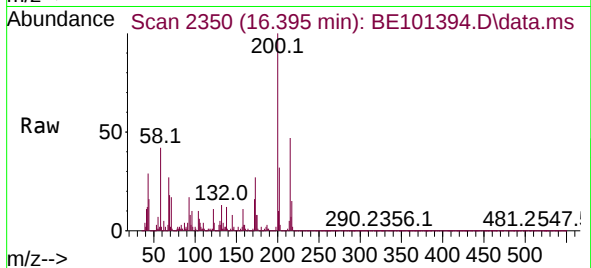
Ion	Ratio	Lower	Upper
200	100		
173	26.6	7.0	47.0
215	47.4	27.3	67.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#70

Pentachlorophenol

Concen: 54.140 ng

RT: 16.612 min Scan# 2387

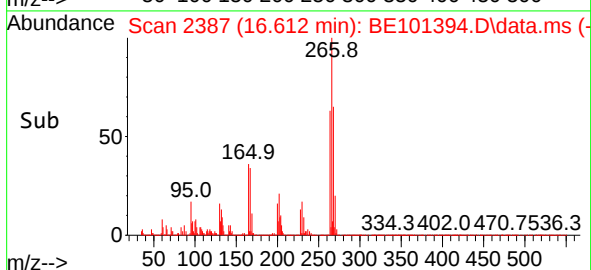
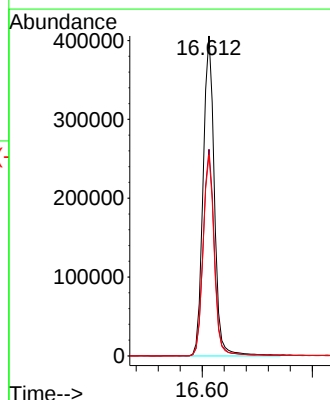
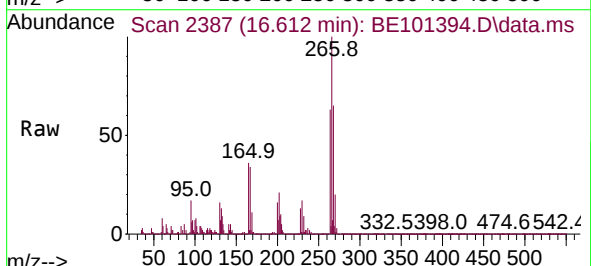
Delta R.T. -0.001 min

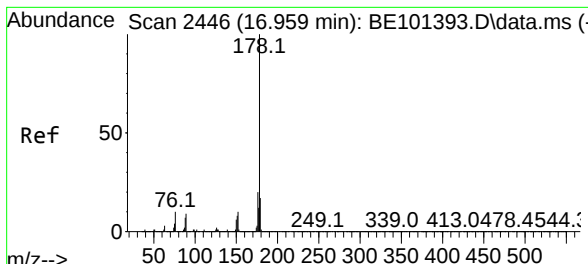
Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

Tgt Ion:266 Resp: 573833

Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.5	77.3
264	62.9	50.7	76.1





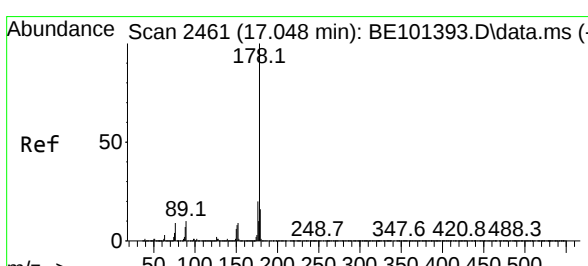
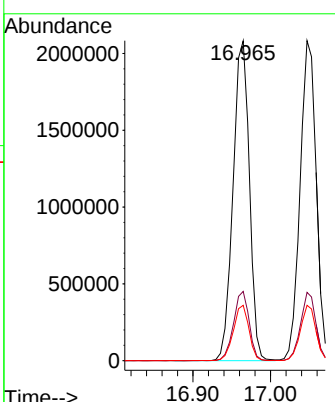
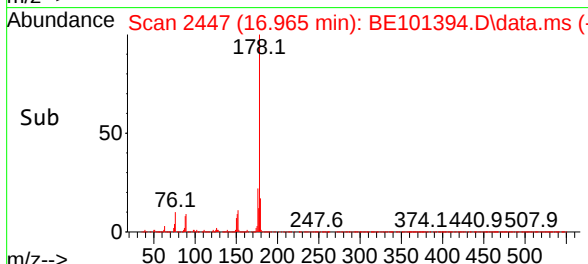
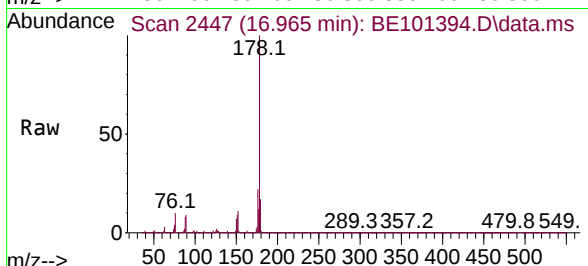
#71
 Phenanthrene
 Concen: 47.621 ng
 RT: 16.965 min Scan# 2446
 Delta R.T. 0.005 min
 Lab File: BE101394.D
 Acq: 28 Oct 2024 14:49

Instrument : BNA_E
 ClientSampleId : SSTDICC050

Tgt Ion:178 Resp: 304492

Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.4	24.6
179	17.3	13.2	19.8

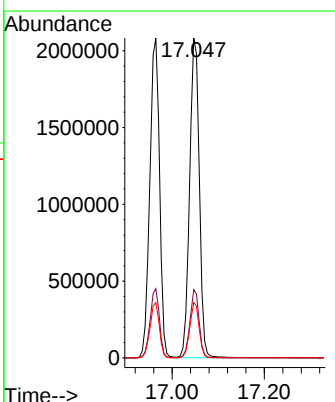
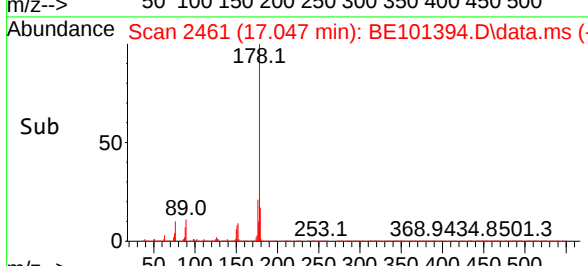
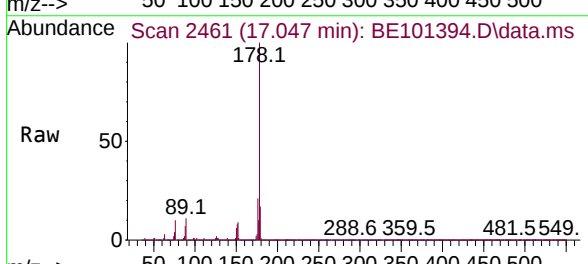
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/30/2024

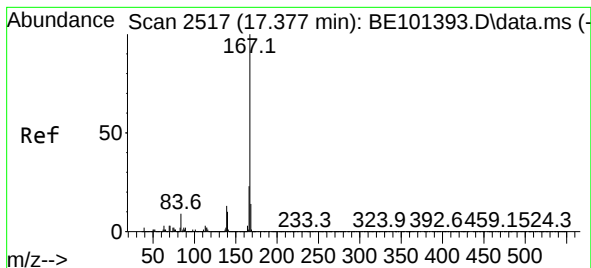


#72
 Anthracene
 Concen: 48.599 ng
 RT: 17.047 min Scan# 2461
 Delta R.T. -0.001 min
 Lab File: BE101394.D
 Acq: 28 Oct 2024 14:49

Tgt Ion:178 Resp: 3034208

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.9	23.9
179	17.3	13.1	19.7





#73

Carbazole

Concen: 49.063 ng

RT: 17.382 min Scan# 2517

Delta R.T. 0.005 min

Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC050

Tgt Ion:167 Resp: 3134249

Ion Ratio Lower Upper

167 100

166 23.7 18.3 27.5

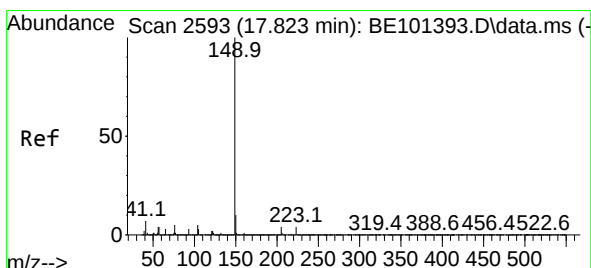
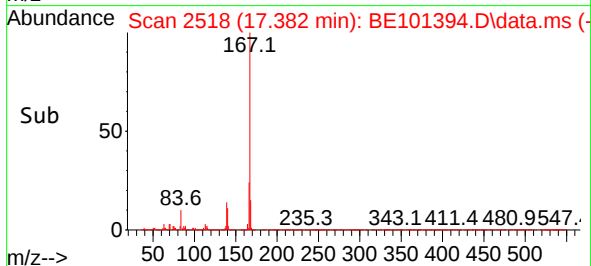
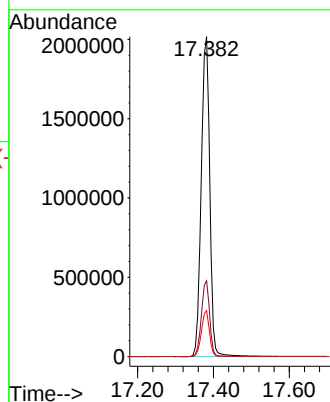
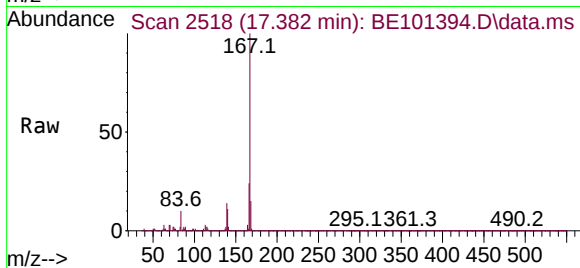
139 14.4 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#74

Di-n-butylphthalate

Concen: 50.231 ng

RT: 17.828 min Scan# 2594

Delta R.T. 0.005 min

Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

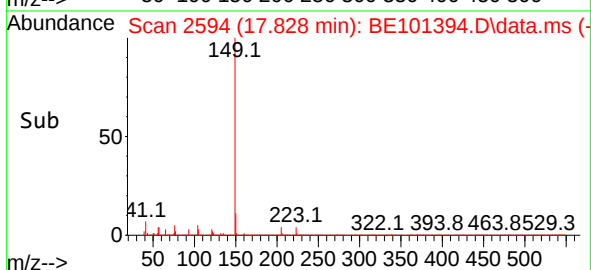
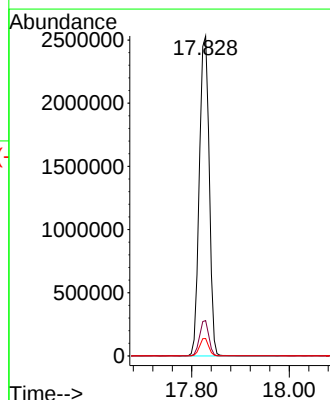
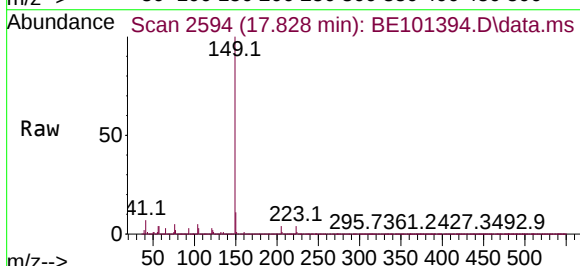
Tgt Ion:149 Resp: 3532643

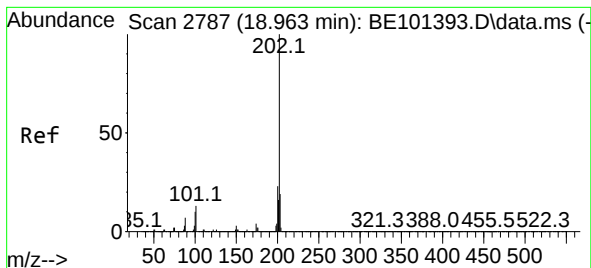
Ion Ratio Lower Upper

149 100

150 11.0 8.2 12.4

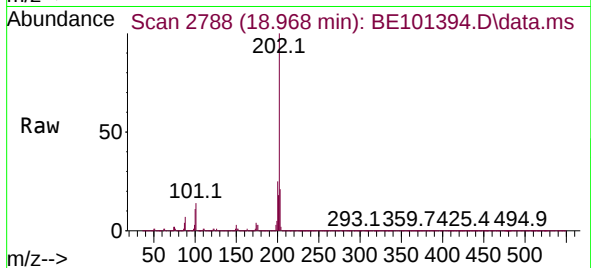
104 5.4 3.9 5.9





#75
Fluoranthene
Concen: 47.394 ng
RT: 18.968 min Scan# 21
Delta R.T. 0.005 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

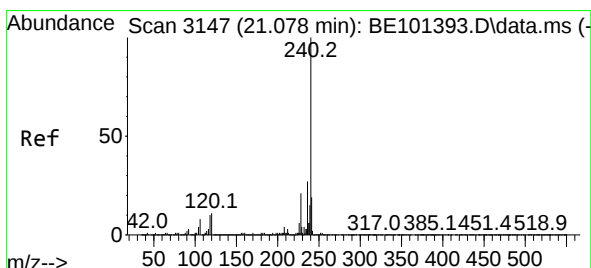
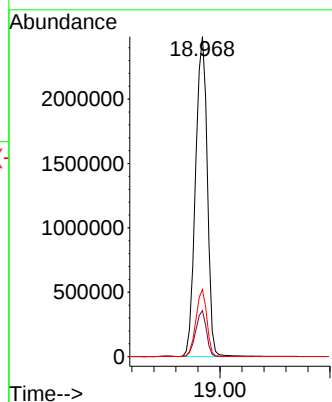
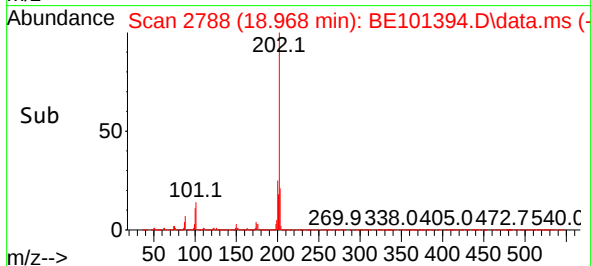
Instrument :
BNA_E
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 3680604
Ion Ratio Lower Upper
202 100
101 14.4 0.0 33.3
203 21.0 0.0 39.3

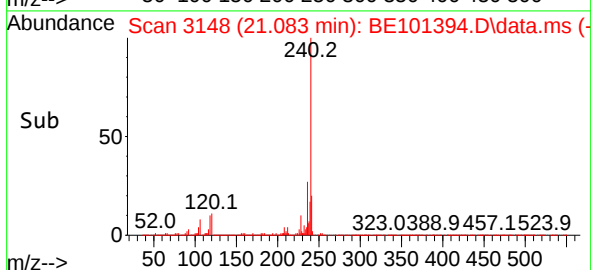
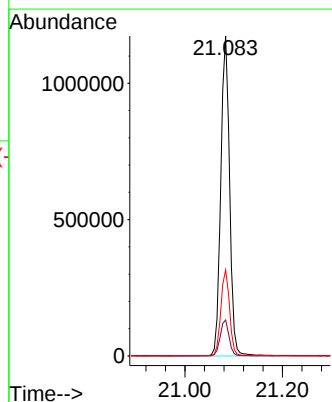
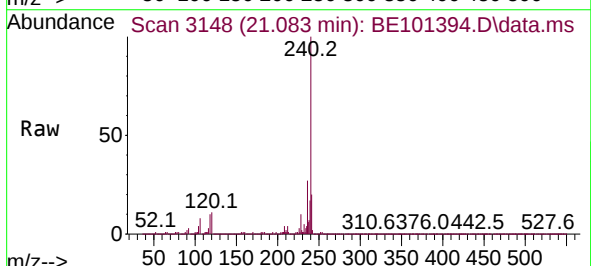
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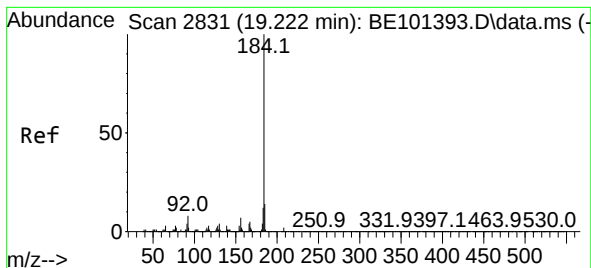
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.083 min Scan# 3148
Delta R.T. 0.005 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Tgt Ion:240 Resp: 1465052
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.4
236 26.9 21.4 32.0





#77

Benzidine

Concen: 44.882 ng

RT: 19.221 min Scan# 2831

Delta R.T. -0.001 min

Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC050

Tgt Ion:184 Resp: 834538

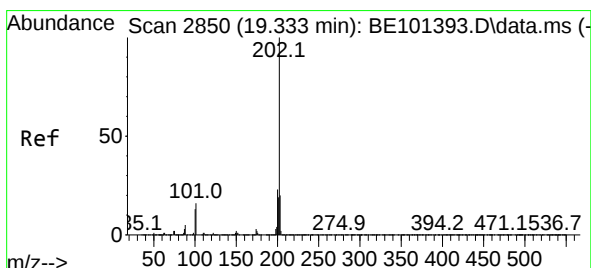
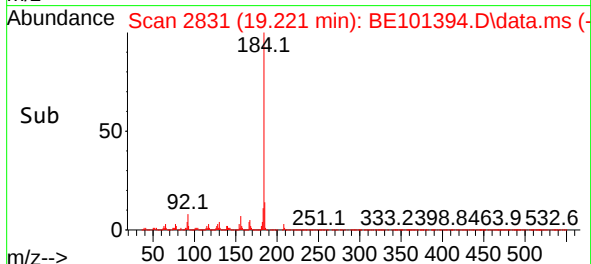
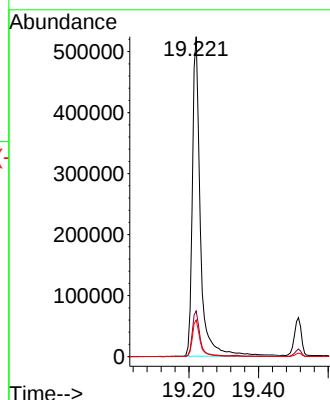
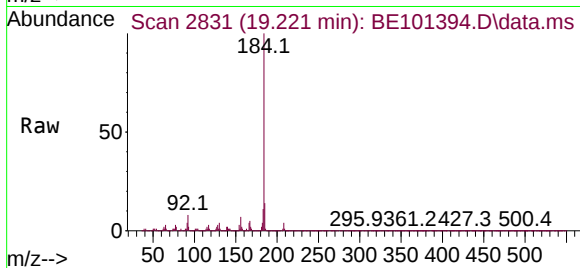
Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.5	17.3
183	11.5	9.3	13.9

Manual Integrations

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Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#78

Pyrene

Concen: 47.815 ng

RT: 19.338 min Scan# 2851

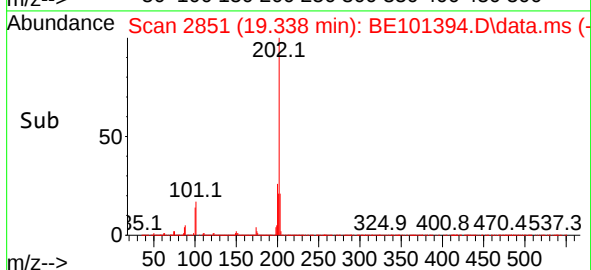
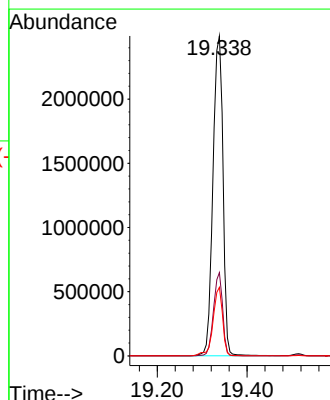
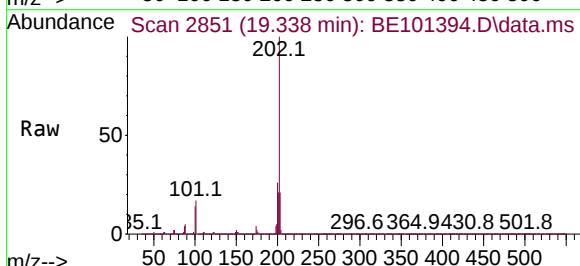
Delta R.T. 0.005 min

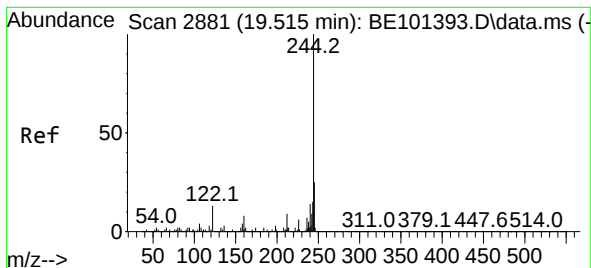
Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

Tgt Ion:202 Resp: 3852302

Ion	Ratio	Lower	Upper
202	100		
200	26.0	18.6	28.0
203	21.4	15.6	23.4





#79

Terphenyl-d14

Concen: 78.997 ng

RT: 19.515 min Scan# 2881

Delta R.T. -0.000 min

Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC050

Tgt Ion:244 Resp: 502854

Ion Ratio Lower Upper

244 100

212 11.2 7.2 10.8

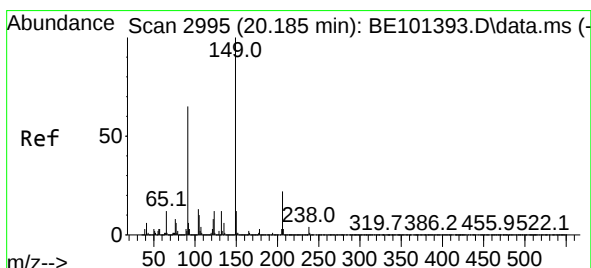
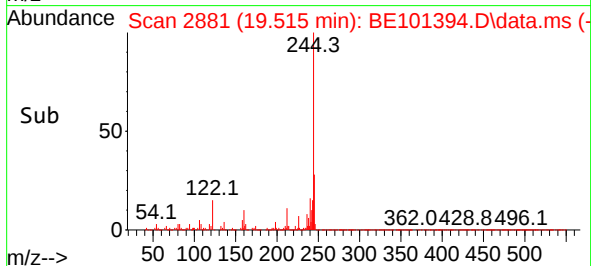
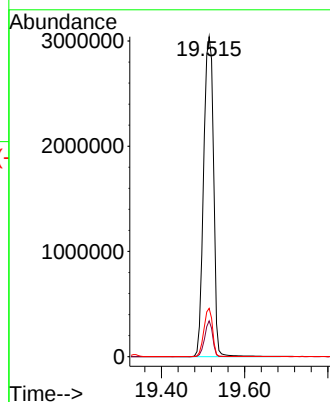
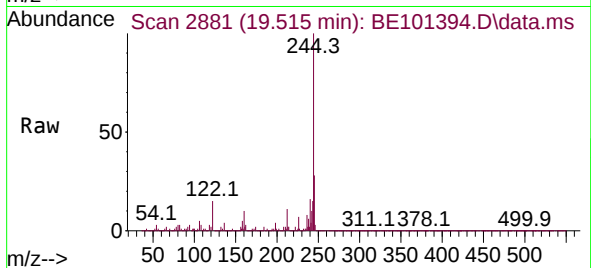
122 15.1 10.4 15.6

Manual Integrations

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Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#80

Butylbenzylphthalate

Concen: 51.218 ng

RT: 20.184 min Scan# 2995

Delta R.T. -0.001 min

Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

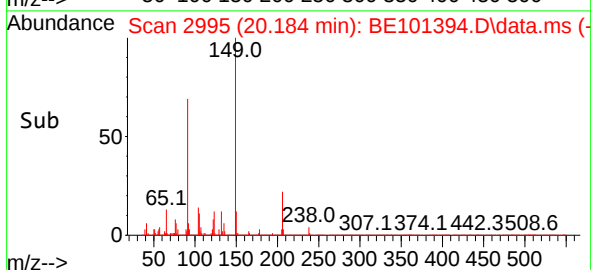
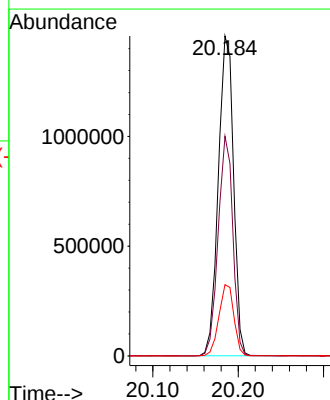
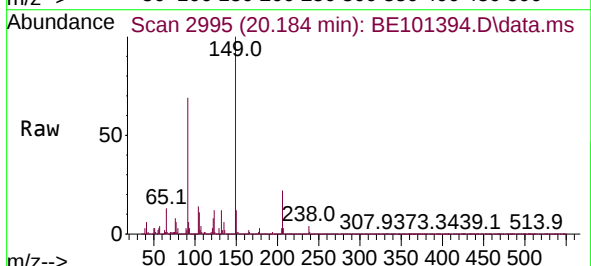
Tgt Ion:149 Resp: 1808983

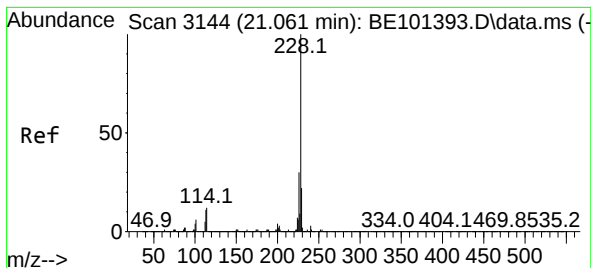
Ion Ratio Lower Upper

149 100

91 68.6 51.8 77.8

206 22.3 17.4 26.2





#81

Benzo(a)anthracene

Concen: 46.578 ng

RT: 21.060 min Scan# 3144

Delta R.T. -0.001 min

Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC050

Tgt Ion:228 Resp: 383547

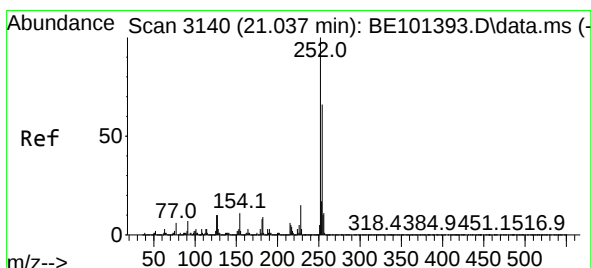
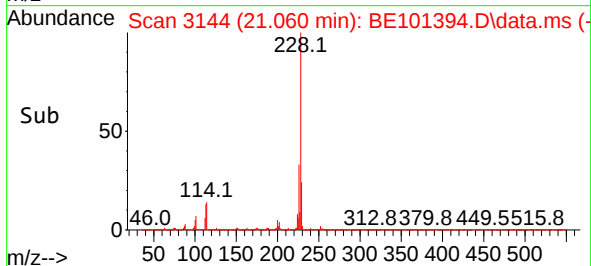
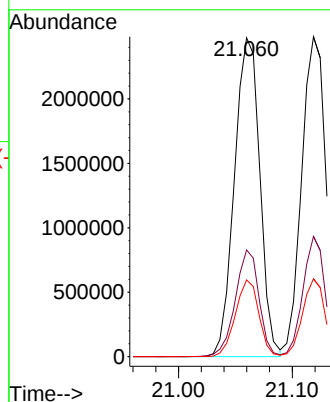
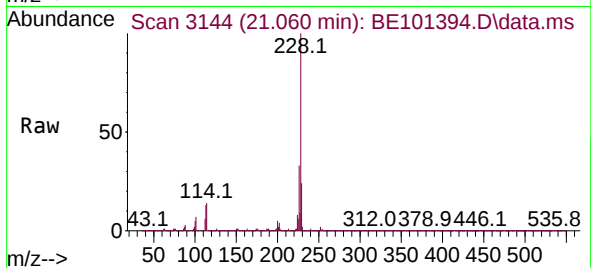
Ion	Ratio	Lower	Upper
228	100		
226	33.4	24.1	36.1
229	24.1	17.3	25.9

Manual Integrations

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Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#82

3,3'-Dichlorobenzidine

Concen: 51.076 ng

RT: 21.036 min Scan# 3140

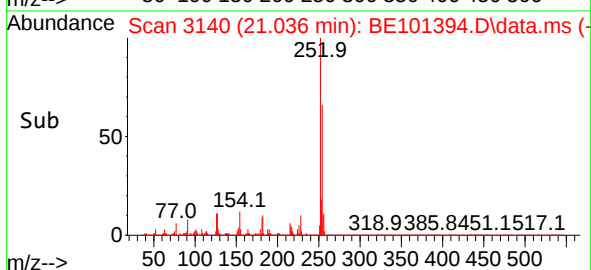
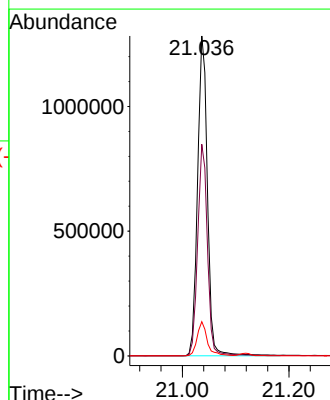
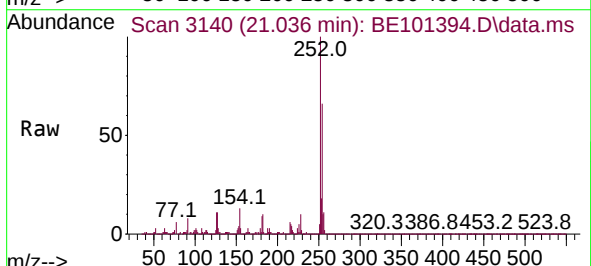
Delta R.T. -0.001 min

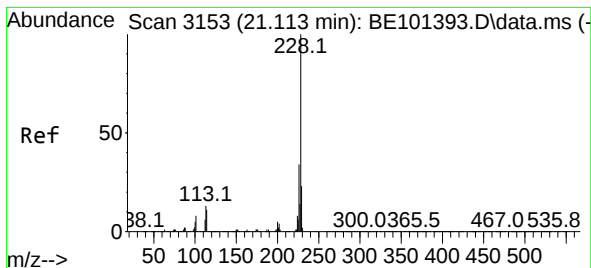
Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

Tgt Ion:252 Resp: 1647556

Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.6	78.8
126	10.7	7.7	11.5





#83

Chrysene

Concen: 46.231 ng

RT: 21.119 min Scan# 3153

Delta R.T. 0.005 min

Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC050

Tgt Ion:228 Resp: 3680796

Ion Ratio Lower Upper

228 100

226 37.6 27.2 40.8

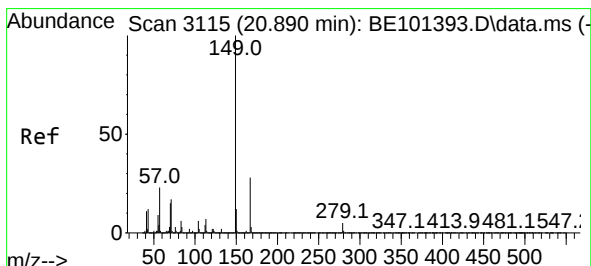
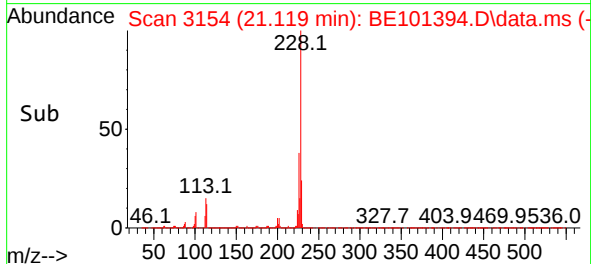
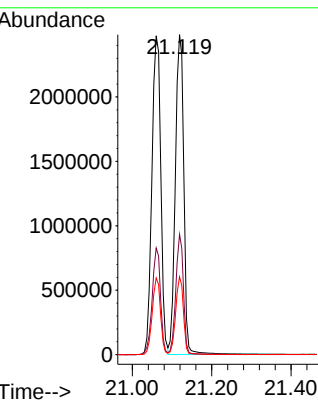
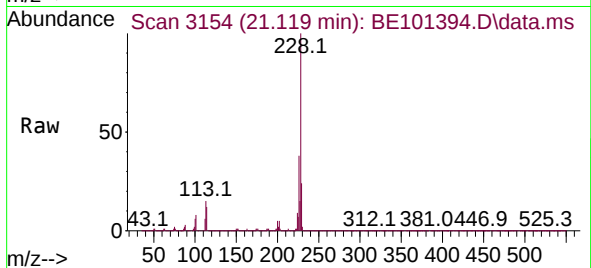
229 24.3 18.0 27.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.462 ng

RT: 20.890 min Scan# 3115

Delta R.T. -0.001 min

Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

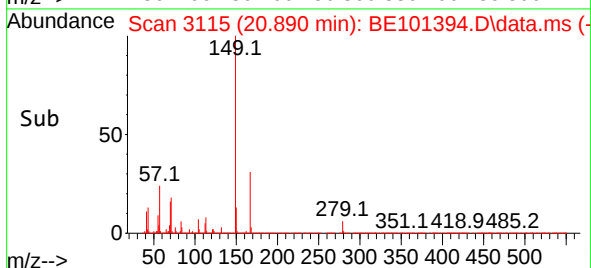
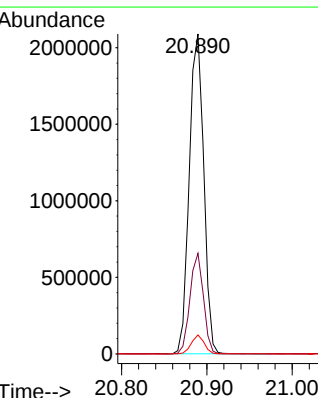
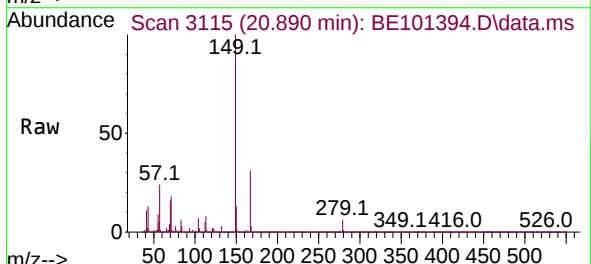
Tgt Ion:149 Resp: 2461511

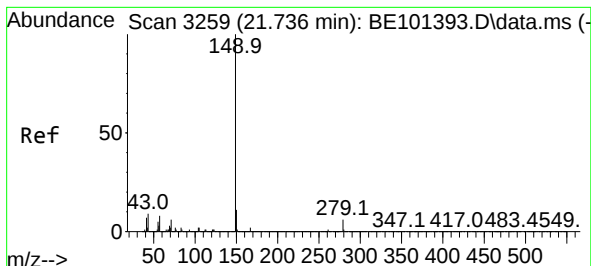
Ion Ratio Lower Upper

149 100

167 31.4 22.7 34.1

279 5.9 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 50.096 ng

RT: 21.736 min Scan# 31

Delta R.T. -0.001 min

Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC050

Tgt Ion:149 Resp: 385787

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

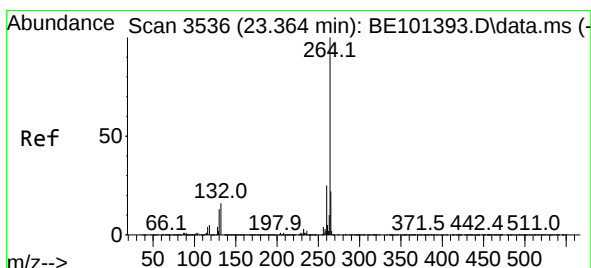
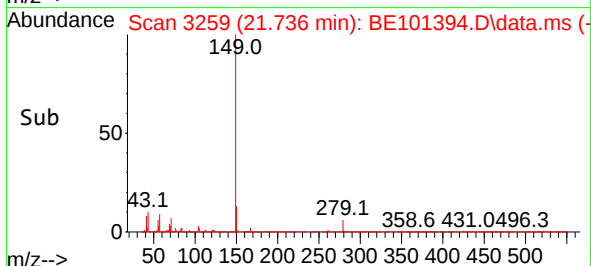
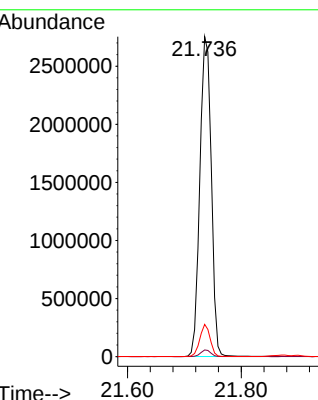
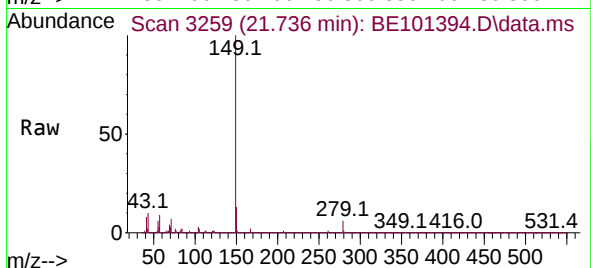
43 9.1 7.0 10.4

Manual Integrations

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Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.369 min Scan# 3537

Delta R.T. 0.005 min

Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

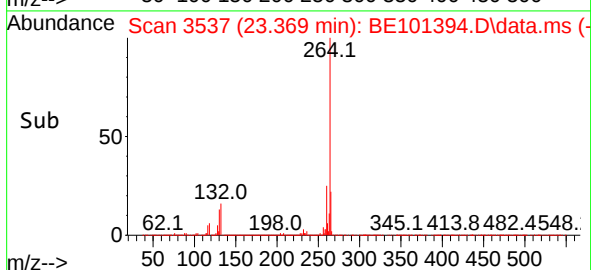
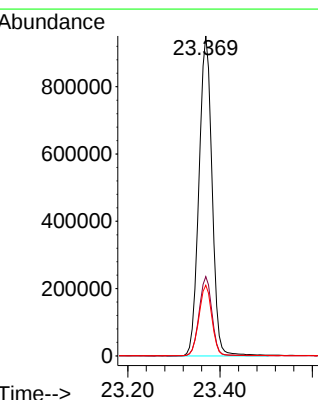
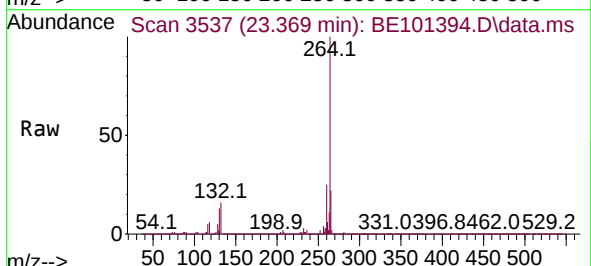
Tgt Ion:264 Resp: 1864446

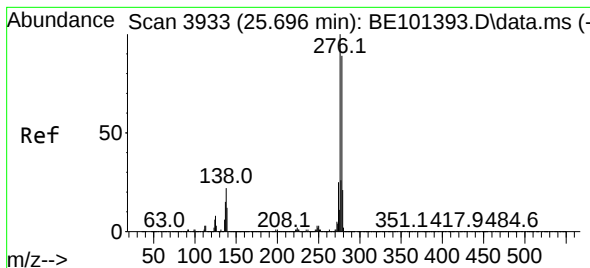
Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

265 22.1 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.122 ng

RT: 25.713 min Scan# 3936

Delta R.T. 0.017 min

Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC050

Tgt Ion:276 Resp: 6129290

Ion Ratio Lower Upper

276 100

138 22.7 17.8 26.8

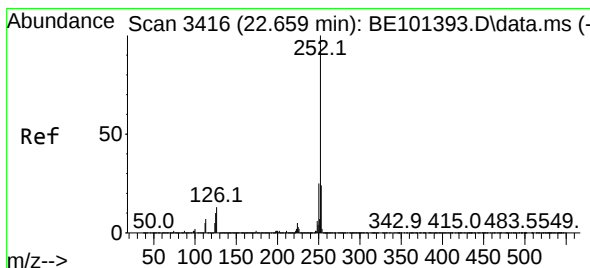
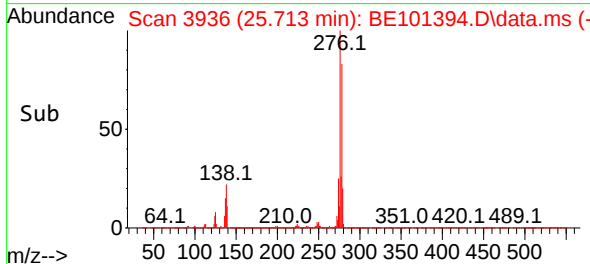
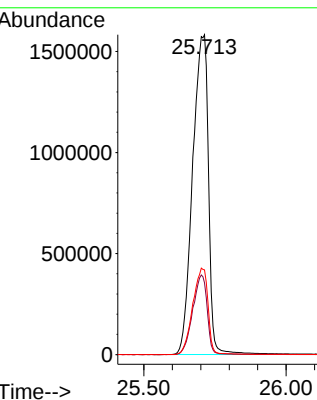
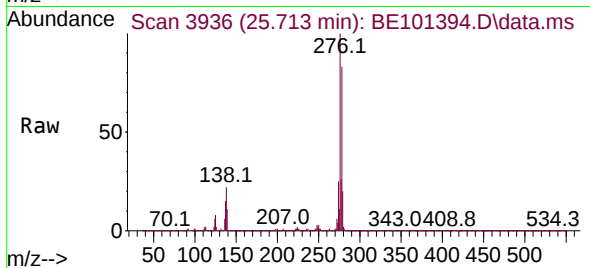
277 26.0 20.5 30.7

Manual Integrations

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Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#88

Benzo(b)fluoranthene

Concen: 49.073 ng

RT: 22.664 min Scan# 3417

Delta R.T. 0.005 min

Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

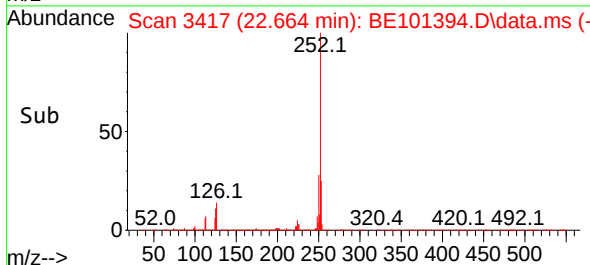
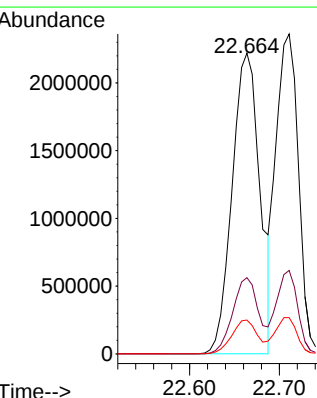
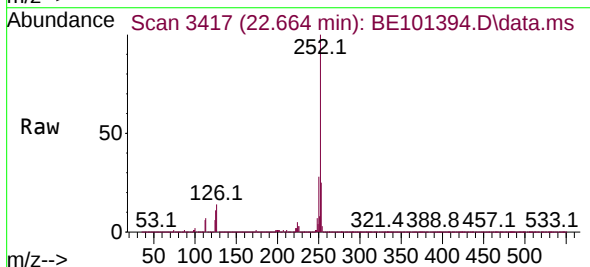
Tgt Ion:252 Resp: 4768116

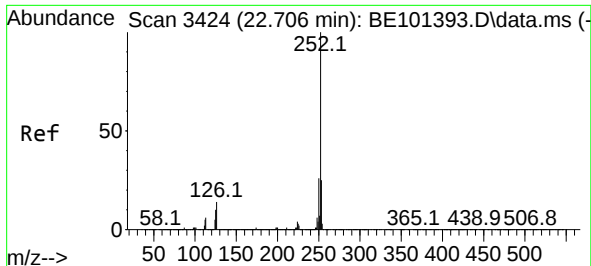
Ion Ratio Lower Upper

252 100

253 25.3 19.0 28.6

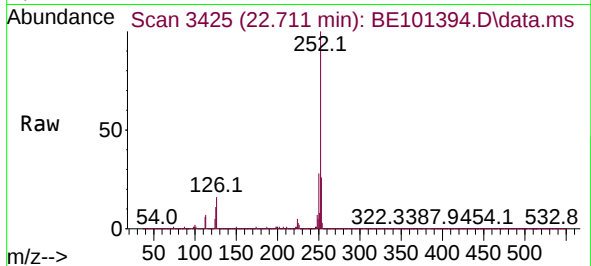
125 11.2 8.2 12.2





#89
Benzo(k)fluoranthene
Concen: 46.021 ng
RT: 22.711 min Scan# 3424
Delta R.T. 0.005 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

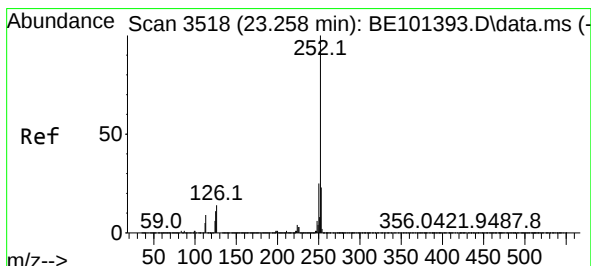
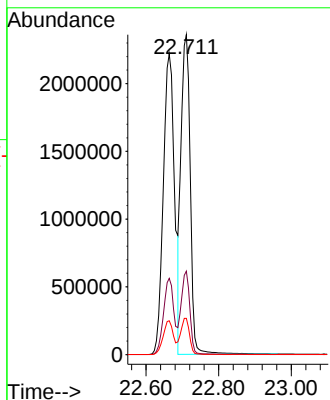
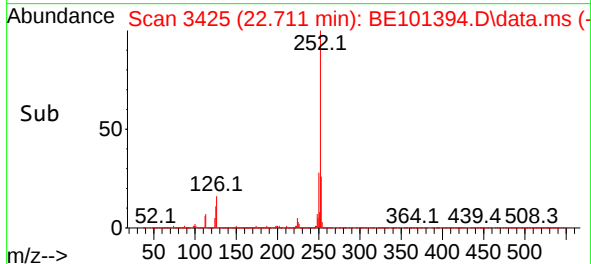
Instrument :
BNA_E
ClientSampleId :
SSTDICC050



Tgt Ion:252 Resp: 4178802
Ion Ratio Lower Upper
252 100
253 26.1 19.4 29.2
125 11.3 8.2 12.2

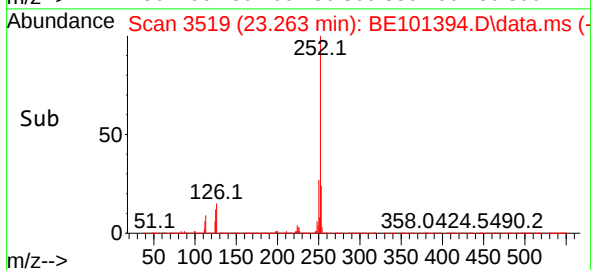
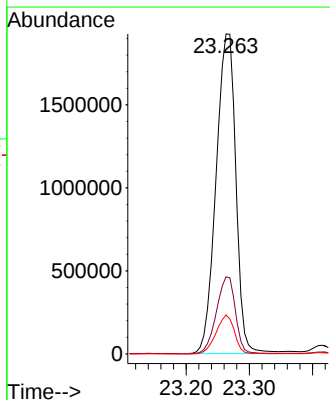
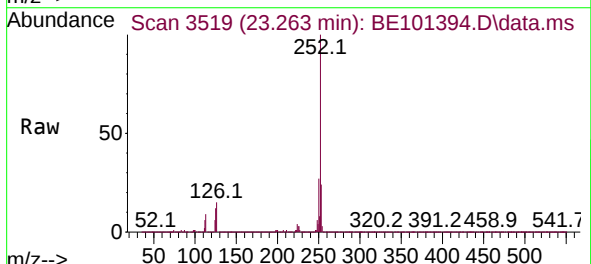
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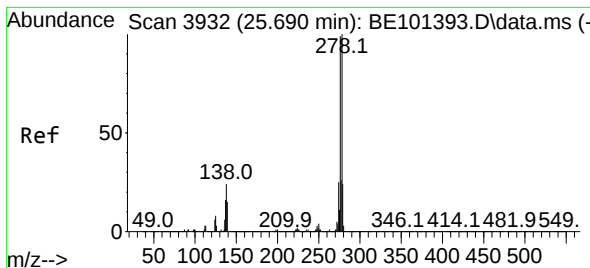
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#90
Benzo(a)pyrene
Concen: 49.311 ng
RT: 23.263 min Scan# 3519
Delta R.T. 0.005 min
Lab File: BE101394.D
Acq: 28 Oct 2024 14:49

Tgt Ion:252 Resp: 4190180
Ion Ratio Lower Upper
252 100
253 24.1 18.4 27.6
125 12.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 49.227 ng

RT: 25.701 min Scan# 3932

Delta R.T. 0.011 min

Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC050

Tgt Ion:278 Resp: 5075435

Ion Ratio Lower Upper

278 100

139 15.0 11.9 17.9

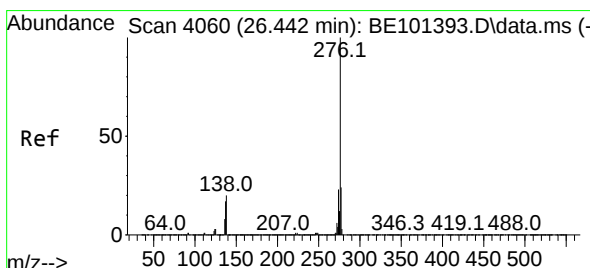
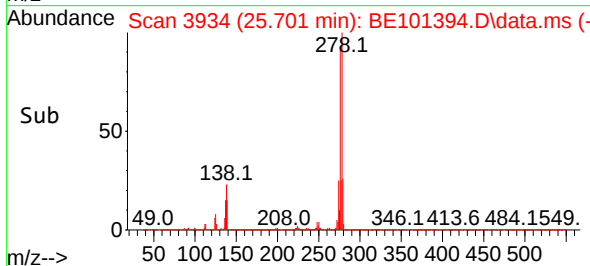
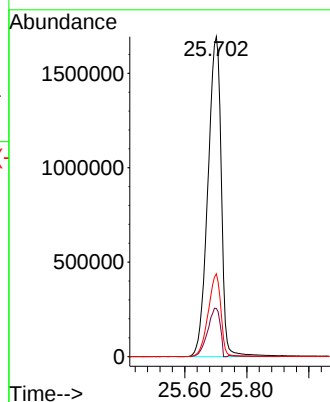
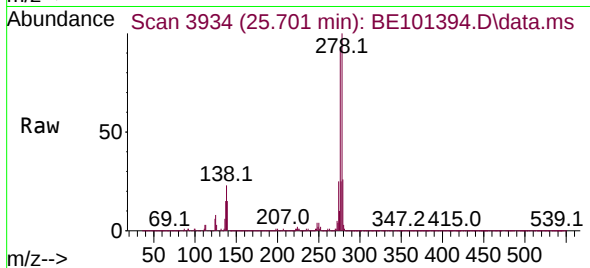
279 25.9 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#92

Benzo(g,h,i)perylene

Concen: 49.372 ng

RT: 26.459 min Scan# 4063

Delta R.T. 0.017 min

Lab File: BE101394.D

Acq: 28 Oct 2024 14:49

Tgt Ion:276 Resp: 5244934

Ion Ratio Lower Upper

276 100

277 25.1 19.4 29.2

138 19.6 15.8 23.6

