

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110824\
 Data File : BE101544.D
 Acq On : 8 Nov 2024 10:07
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 08 10:14:10 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 07 00:01:20 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	51174	20.000	ng	0.00
21) Naphthalene-d8	10.326	136	237509	20.000	ng	0.00
39) Acenaphthene-d10	14.174	164	179651	20.000	ng	0.00
64) Phenanthrene-d10	16.912	188	420948	20.000	ng	0.00
76) Chrysene-d12	21.072	240	472751	20.000	ng	0.00
86) Perylene-d12	23.357	264	602462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.314	112	236611	81.754	ng	0.00
7) Phenol-d6	6.941	99	328691	82.833	ng	0.00
23) Nitrobenzene-d5	8.769	82	312679	83.156	ng	0.00
42) 2,4,6-Tribromophenol	15.678	330	273256	80.833	ng	0.00
45) 2-Fluorobiphenyl	12.793	172	856759	77.869	ng	0.00
79) Terphenyl-d14	19.503	244	1787654	83.703	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.187	88	43939	40.796	ng	97
3) Pyridine	3.616	79	132966m	44.143	ng	
4) n-Nitrosodimethylamine	3.539	42	51359	43.058	ng	99
6) Aniline	7.000	93	99499	33.409	ng	97
8) 2-Chlorophenol	7.206	128	139458	40.672	ng	98
9) Benzaldehyde	6.765	77	67268	34.656	ng	99
10) Phenol	6.965	94	179912	41.653	ng	99
11) bis(2-Chloroethyl)ether	7.024	93	165037m	46.155	ng	
12) 1,3-Dichlorobenzene	7.447	146	149848	40.030	ng	99
13) 1,4-Dichlorobenzene	7.593	146	151916	40.067	ng	99
14) 1,2-Dichlorobenzene	7.922	146	149116	40.065	ng	99
15) Benzyl Alcohol	7.893	79	98580	42.529	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.063	45	174241	41.166	ng	96
17) 2-Methylphenol	8.146	107	113951	40.749	ng	99
18) Hexachloroethane	8.616	117	50871	39.729	ng	98
19) n-Nitroso-di-n-propyla...	8.363	70	110591	42.268	ng	99
20) 3+4-Methylphenols	8.486	107	161794	41.727	ng	97
22) Acetophenone	8.410	105	215384	40.043	ng	# 99
24) Nitrobenzene	8.810	77	163457	41.795	ng	97
25) Isophorone	9.262	82	305817	41.792	ng	99
26) 2-Nitrophenol	9.497	139	85922	41.283	ng	99
27) 2,4-Dimethylphenol	9.615	122	96588	40.108	ng	97
28) bis(2-Chloroethoxy)met...	9.756	93	180210	40.232	ng	99
29) 2,4-Dichlorophenol	10.055	162	139985	40.947	ng	98
30) 1,2,4-Trichlorobenzene	10.173	180	148845	39.001	ng	100
31) Naphthalene	10.373	128	479224	39.967	ng	100
32) Benzoic acid	9.897	122	94456	42.834	ng	99
33) 4-Chloroaniline	10.602	127	178461	42.324	ng	98
34) Hexachlorobutadiene	10.625	225	90206	38.348	ng	98
35) Caprolactam	11.383	113	57396	45.719	ng	90
36) 4-Chloro-3-methylphenol	11.783	107	162513	43.532	ng	98
37) 2-Methylnaphthalene	11.965	142	349131	40.995	ng	98
38) 1-Methylnaphthalene	12.194	142	347270	40.889	ng	100
40) 1,2,4,5-Tetrachloroben...	12.323	216	175622	37.079	ng	100
41) Hexachlorocyclopentadiene	12.306	237	54568	39.479	ng	99
43) 2,4,6-Trichlorophenol	12.646	196	128512	39.507	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.752	196	144979	40.006	ng	97
46) 1,1'-Biphenyl	12.999	154	476785	38.475	ng	99
47) 2-Chloronaphthalene	13.046	162	376267	38.497	ng	99
48) 2-Nitroaniline	13.375	65	114738	44.348	ng	94
49) Acenaphthylene	13.904	152	588289	40.390	ng	99
50) Dimethylphthalate	13.675	163	519405	40.601	ng	100
51) 2,6-Dinitrotoluene	13.816	165	123306	41.761	ng	99
52) Acenaphthene	14.233	154	375195	40.367	ng	99
53) 3-Nitroaniline	14.227	138	127306	44.412	ng	100
54) 2,4-Dinitrophenol	14.362	184	79363	45.866	ng	96
55) Dibenzofuran	14.579	168	600773	40.139	ng	99
56) 4-Nitrophenol	14.650	139	106187	44.862	ng	93
57) 2,4-Dinitrotoluene	14.603	165	178718	43.083	ng	99
58) Fluorene	15.214	166	516260	41.330	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.850	232	136587	40.732	ng	99
60) Diethylphthalate	15.002	149	559909	41.509	ng	100
61) 4-Chlorophenyl-phenyle...	15.202	204	254962	40.196	ng	99
62) 4-Nitroaniline	15.414	138	140722	45.566	ng	97
63) Azobenzene	15.496	77	472139	42.904	ng	97
65) 4,6-Dinitro-2-methylph...	15.343	198	110950	44.402	ng	94
66) n-Nitrosodiphenylamine	15.455	169	451302	40.398	ng	100
67) 4-Bromophenyl-phenylether	16.089	248	180499	38.878	ng	98
68) Hexachlorobenzene	16.195	284	245701	40.211	ng	98
69) Atrazine	16.389	200	141676	42.956	ng	98
70) Pentachlorophenol	16.606	266	141175	42.583	ng	99
71) Phenanthrene	16.953	178	823366	40.216	ng	99
72) Anthracene	17.041	178	823243	40.718	ng	100
73) Carbazole	17.370	167	823854	40.633	ng	99
74) Di-n-butylphthalate	17.811	149	1011598	40.401	ng	100
75) Fluoranthene	18.957	202	1051631	40.062	ng	100
77) Benzidine	19.209	184	393870	38.785	ng	100
78) Pyrene	19.327	202	1109254	41.238	ng	100
80) Butylbenzylphthalate	20.173	149	492931	40.778	ng	98
81) Benzo(a)anthracene	21.054	228	1150750	40.986	ng	100
82) 3,3'-Dichlorobenzidine	21.025	252	449864	40.702	ng	99
83) Chrysene	21.107	228	1076464	40.336	ng	99
84) Bis(2-ethylhexyl)phtha...	20.872	149	721606	39.484	ng	100
85) Di-n-octyl phthalate	21.718	149	1227903	39.714	ng	99
87) Indeno(1,2,3-cd)pyrene	25.690	276	1665892	40.238	ng	99
88) Benzo(b)fluoranthene	22.652	252	1296785	39.233	ng	100
89) Benzo(k)fluoranthene	22.693	252	1255242	41.834	ng	100
90) Benzo(a)pyrene	23.252	252	1154661	40.463	ng	100
91) Dibenzo(a,h)anthracene	25.684	278	1396259	40.495	ng	100
92) Benzo(g,h,i)perylene	26.436	276	1379884	39.391	ng	99

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

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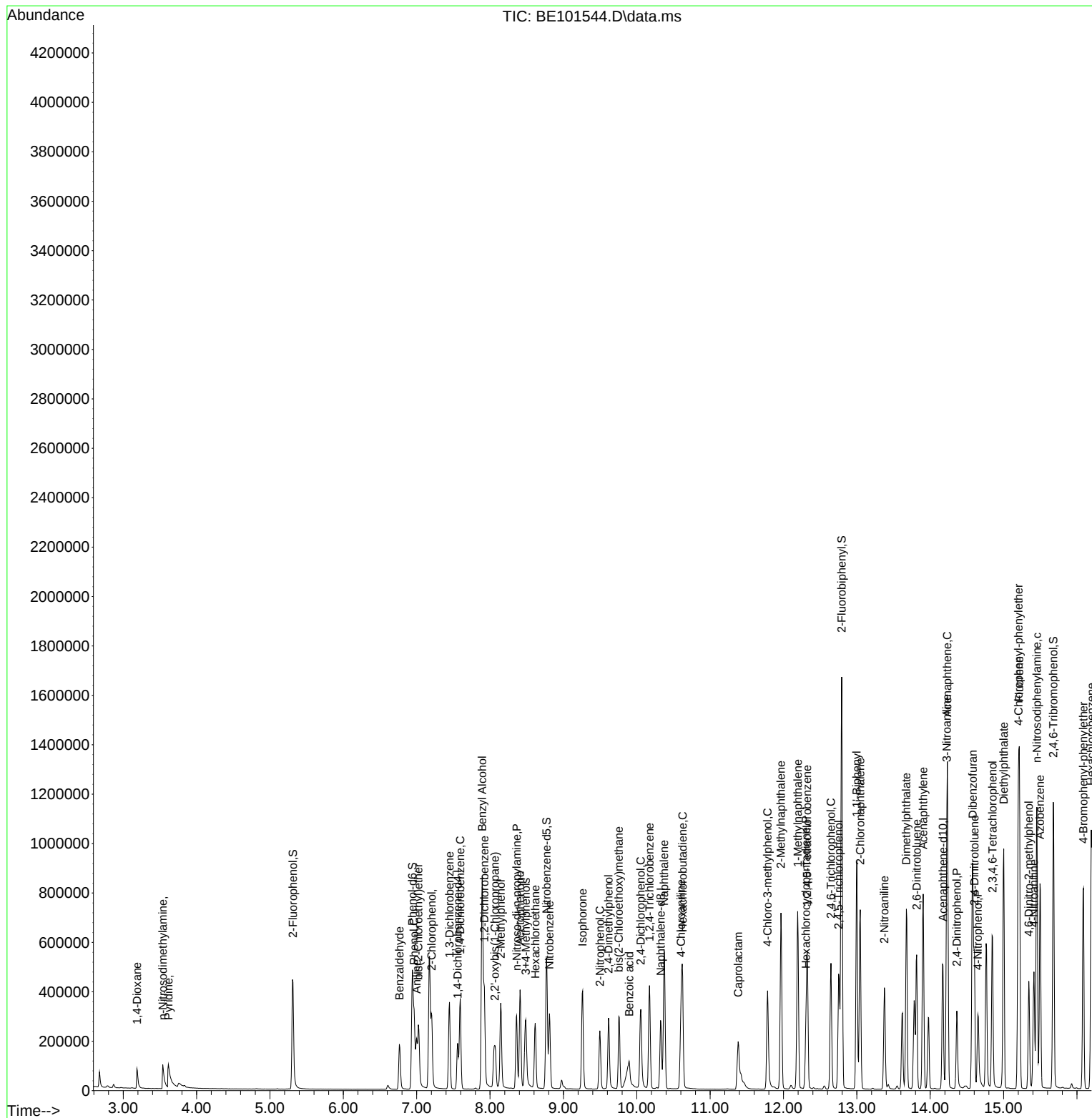
Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 11/11/2024

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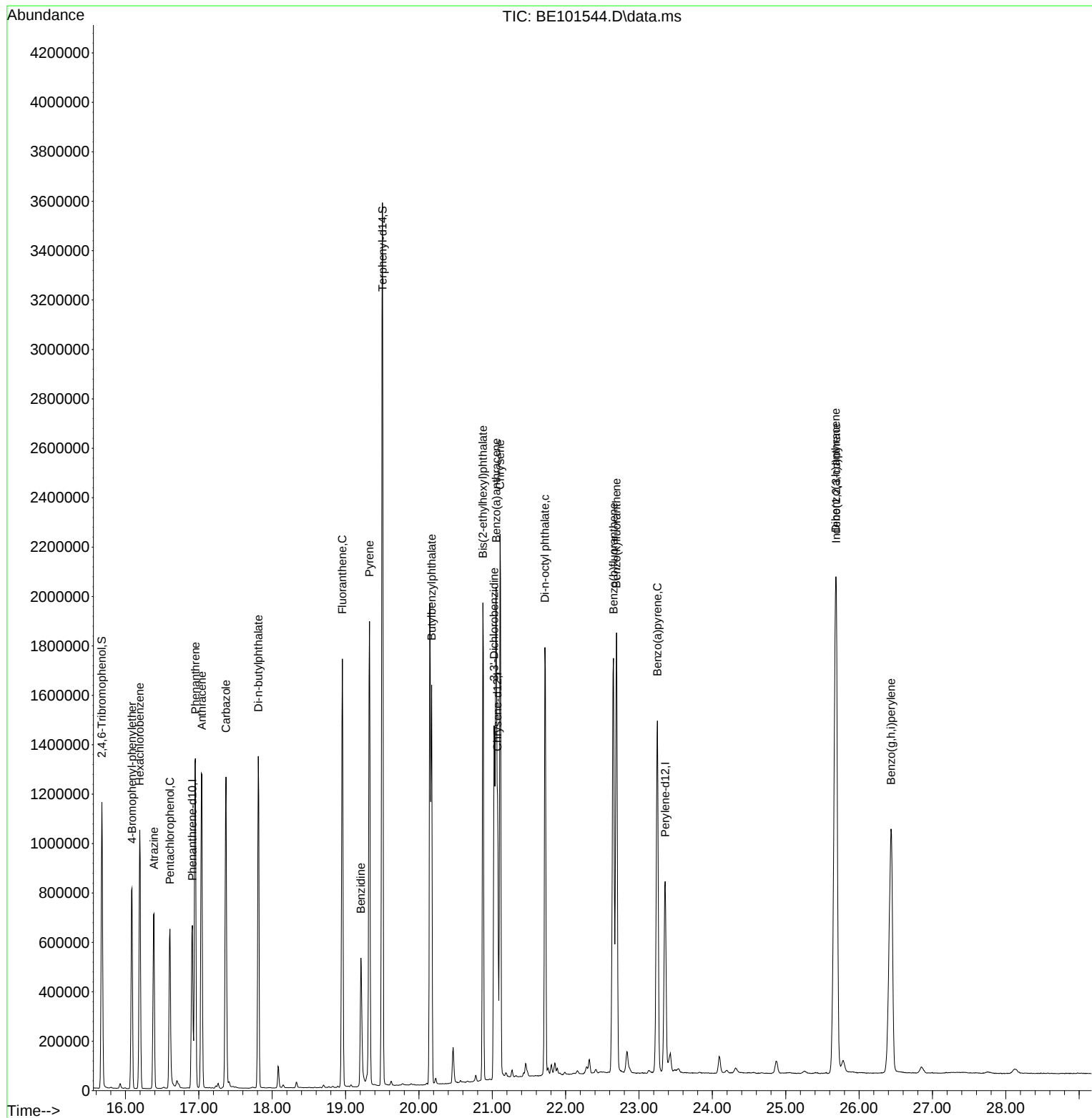
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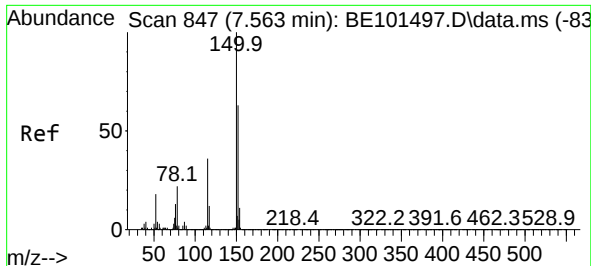
Instrument :
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ClientSampleId :
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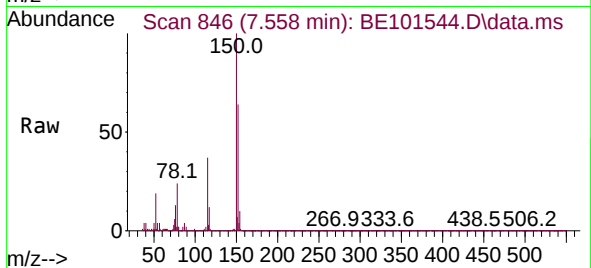
Reviewed By :Yogesh Patel 11/10/2024
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.558 min Scan# 84
Delta R.T. -0.005 min
Lab File: BE101544.D
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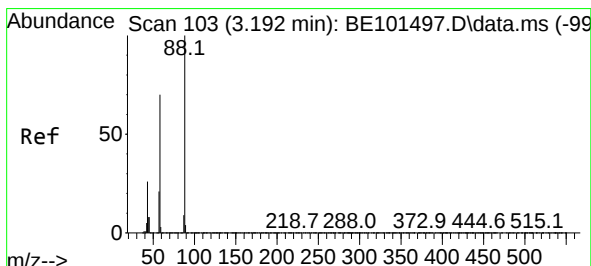
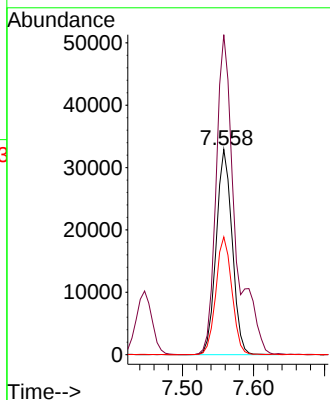
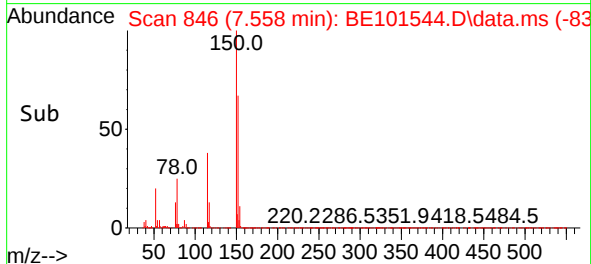
Instrument :
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ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 51174
Ion Ratio Lower Upper
152 100
150 155.9 126.3 189.5
115 57.4 45.0 67.4

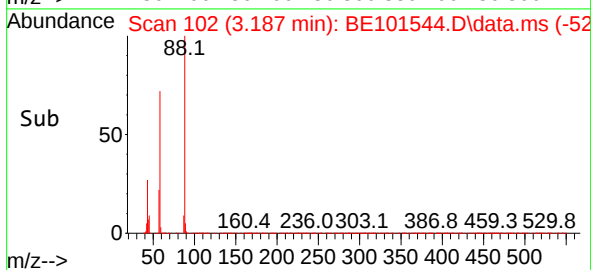
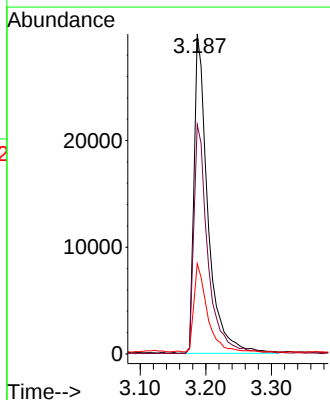
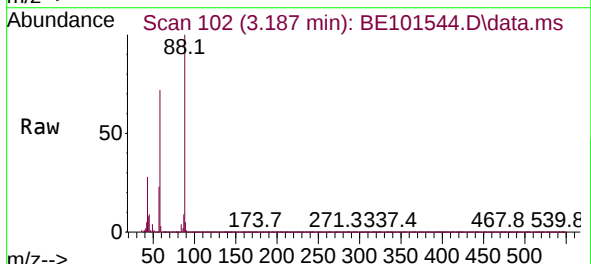
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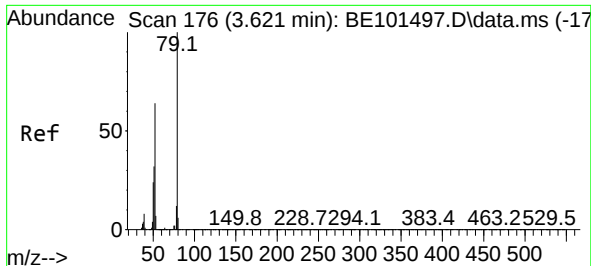
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#2
1,4-Dioxane
Concen: 40.796 ng
RT: 3.187 min Scan# 102
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Tgt Ion: 88 Resp: 43939
Ion Ratio Lower Upper
88 100
58 72.9 56.5 84.7
43 27.5 20.8 31.2





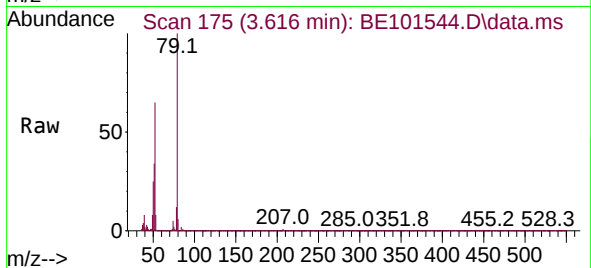
#3
Pyridine
Concen: 44.143 ng m
RT: 3.616 min Scan# 175
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040



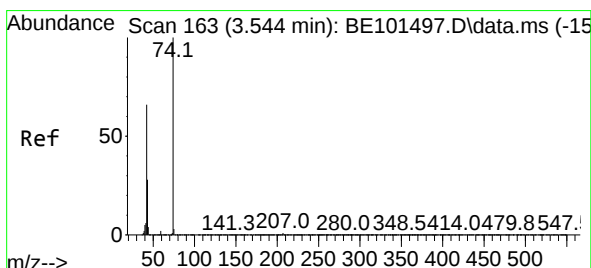
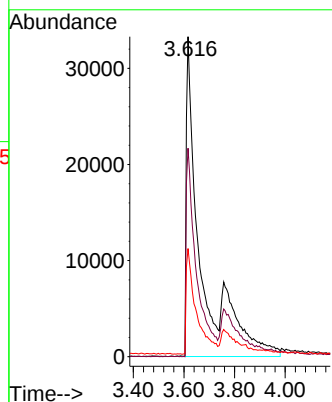
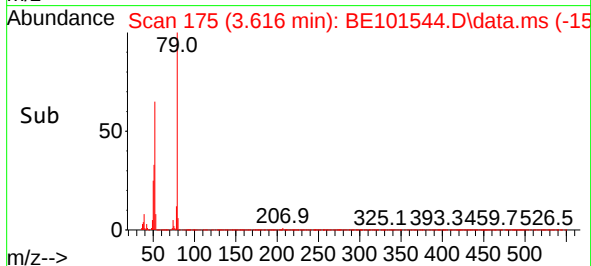
Tgt Ion: 79 Resp: 132960
Ion Ratio Lower Upper
79 100
52 65.2 51.1 76.7
51 33.8 26.2 39.2

Manual Integrations

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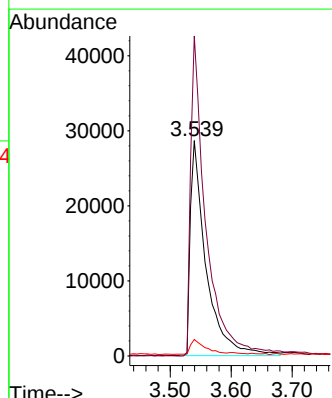
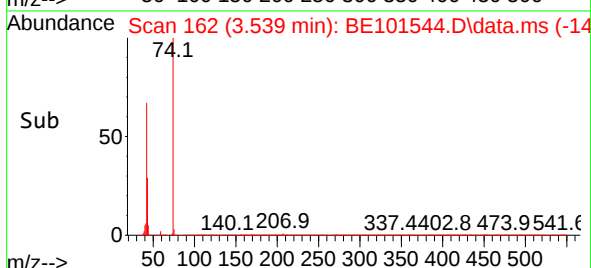
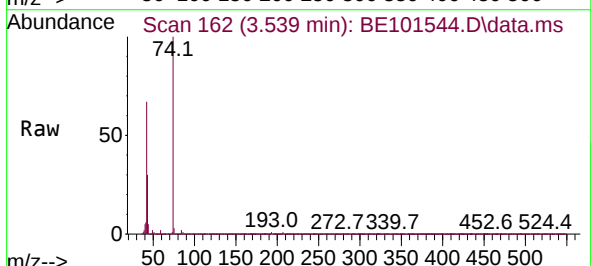
Reviewed By :Yogesh Patel 11/10/2024

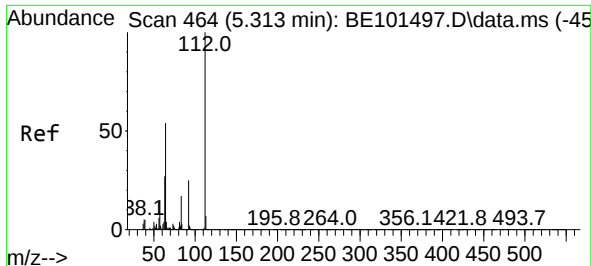
Supervised By :mohammad ahmed 11/11/2024



#4
n-Nitrosodimethylamine
Concen: 43.058 ng
RT: 3.539 min Scan# 162
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Tgt Ion: 42 Resp: 51359
Ion Ratio Lower Upper
42 100
74 148.6 120.1 180.1
44 7.7 5.8 8.6





#5
2-Fluorophenol
Concen: 81.754 ng
RT: 5.314 min Scan# 464
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Instrument :

BNA_E

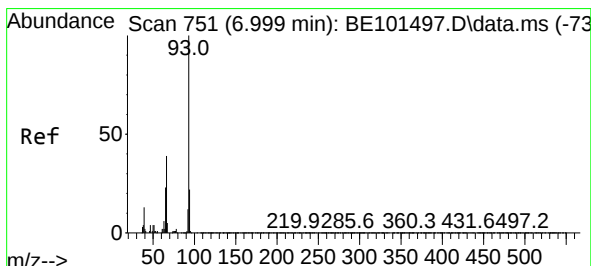
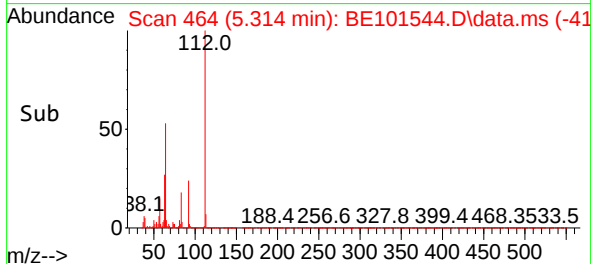
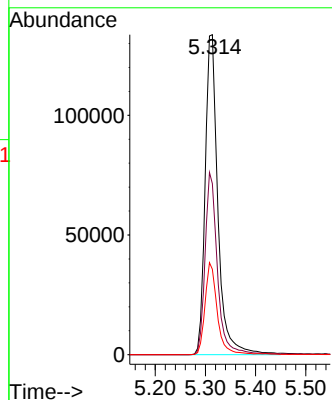
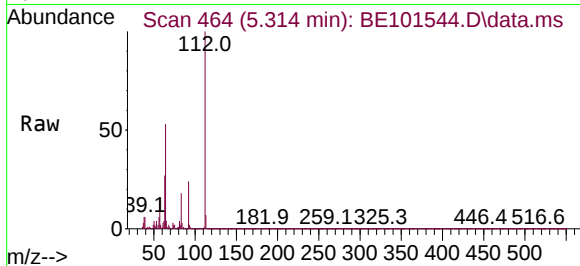
ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 23661
Ion Ratio Lower Upper
112 100
64 53.5 43.2 64.8
63 26.7 21.8 32.6

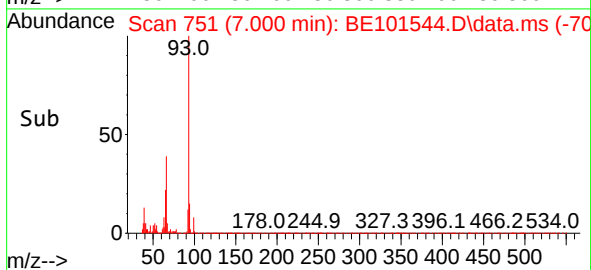
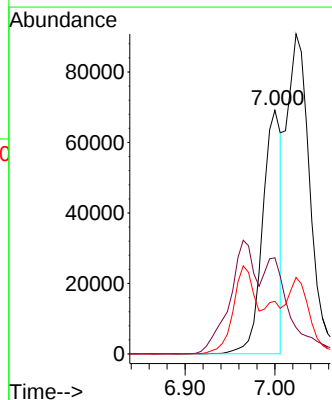
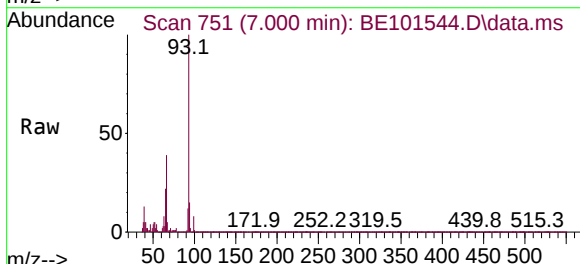
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#6
Aniline
Concen: 33.409 ng
RT: 7.000 min Scan# 751
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Tgt Ion: 93 Resp: 99499
Ion Ratio Lower Upper
93 100
66 39.5 33.4 50.0
65 21.6 18.5 27.7





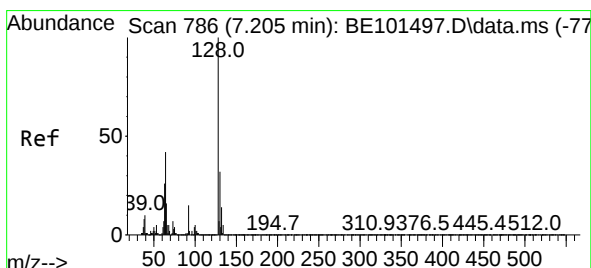
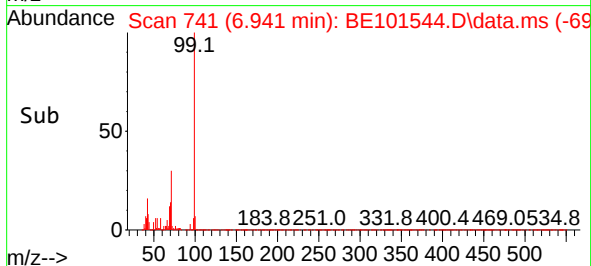
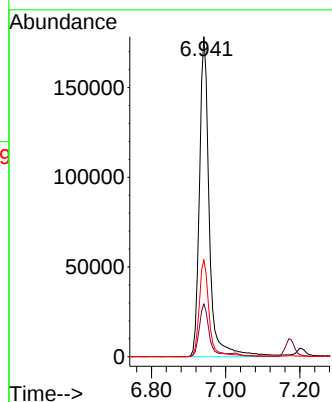
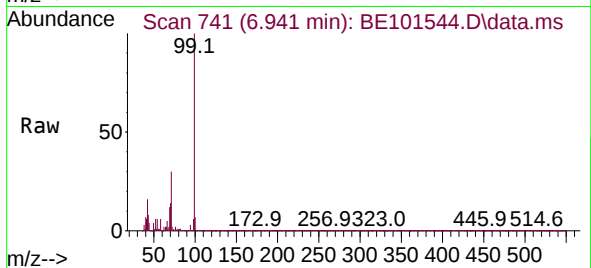
#7
Phenol-d6
Concen: 82.833 ng
RT: 6.941 min Scan# 741
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

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Tgt Ion: 99 Resp: 32869
Ion Ratio Lower Upper
99 100
42 16.5 12.5 18.7
71 30.2 24.2 36.2

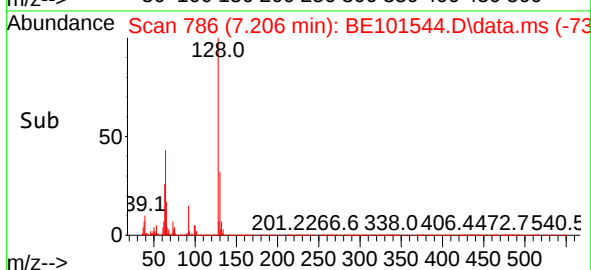
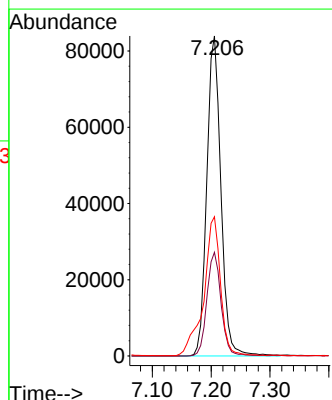
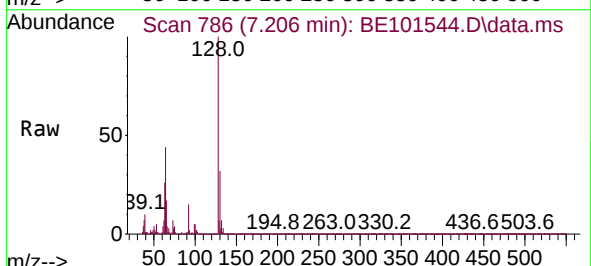
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#8
2-Chlorophenol
Concen: 40.672 ng
RT: 7.206 min Scan# 786
Delta R.T. 0.001 min
Lab File: BE101544.D
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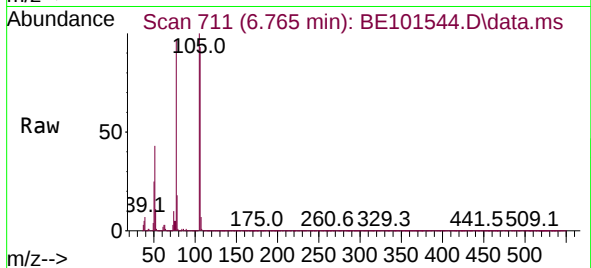
Tgt Ion:128 Resp: 139458
Ion Ratio Lower Upper
128 100
130 32.4 12.1 52.1
64 43.5 22.0 62.0





#9
Benzaldehyde
Concen: 34.656 ng
RT: 6.765 min Scan# 712
Delta R.T. -0.005 min
Lab File: BE101544.D
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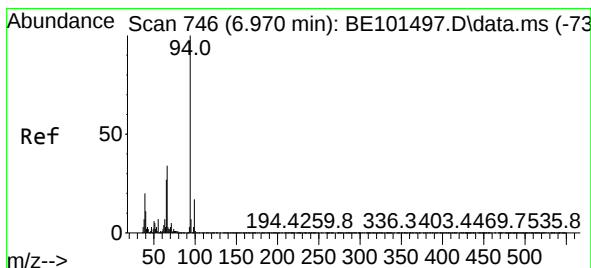
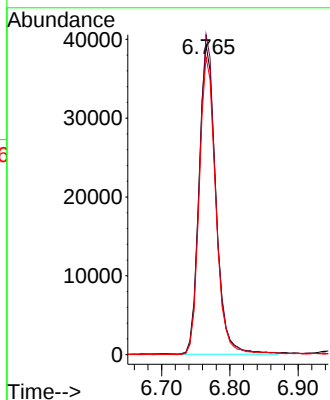
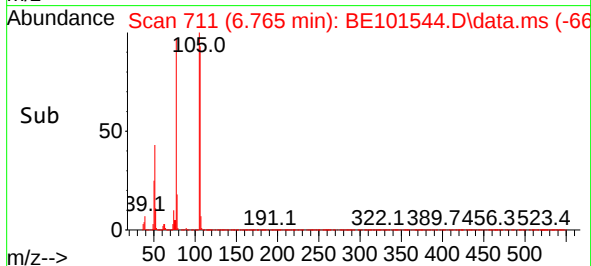
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SSTDCCC040



Tgt Ion: 77 Resp: 67268
Ion Ratio Lower Upper
77 100
105 103.2 83.0 123.0
106 96.0 78.8 118.8

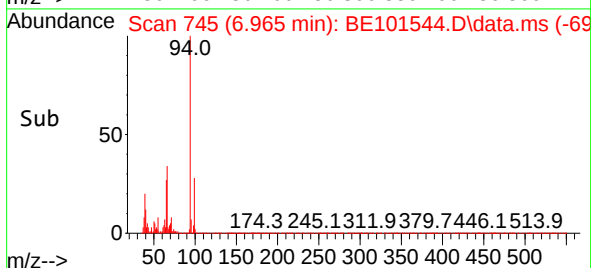
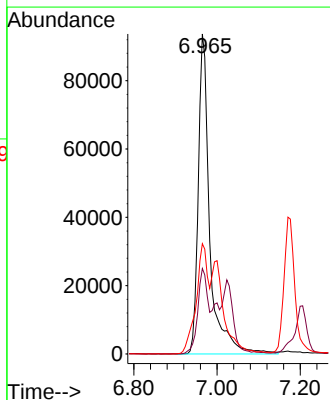
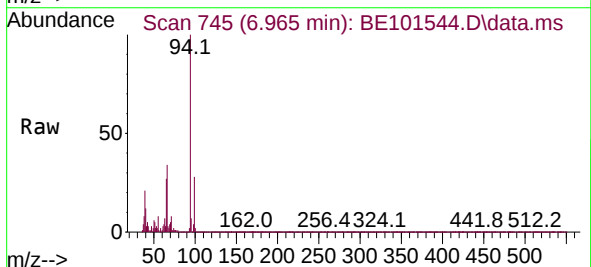
Manual Integrations
APPROVED

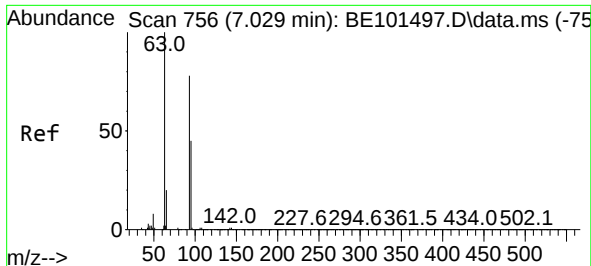
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#10
Phenol
Concen: 41.653 ng
RT: 6.965 min Scan# 745
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Tgt Ion: 94 Resp: 179912
Ion Ratio Lower Upper
94 100
65 26.7 6.7 46.7
66 34.5 15.0 55.0





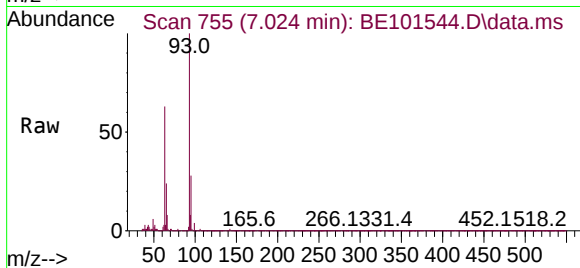
#11
bis(2-Chloroethyl)ether
Concen: 46.155 ng m
RT: 7.024 min Scan# 701
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040



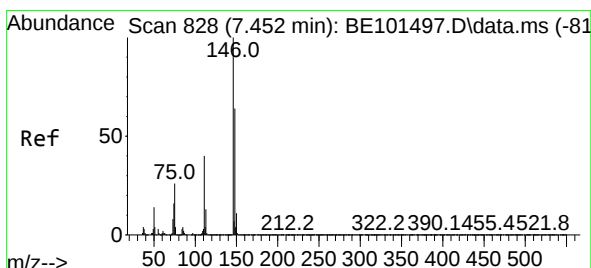
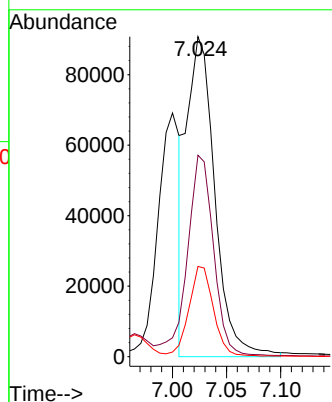
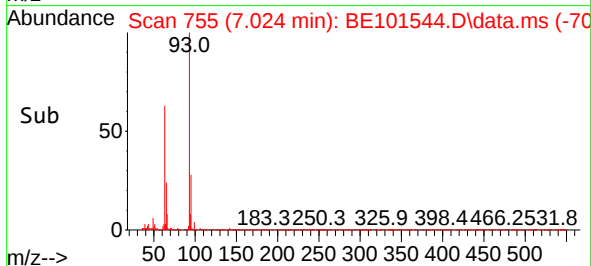
Tgt Ion: 93 Resp: 16503
Ion Ratio Lower Upper
93 100
63 62.9 46.5 86.5
95 28.2 9.1 49.1

Manual Integrations

APPROVED

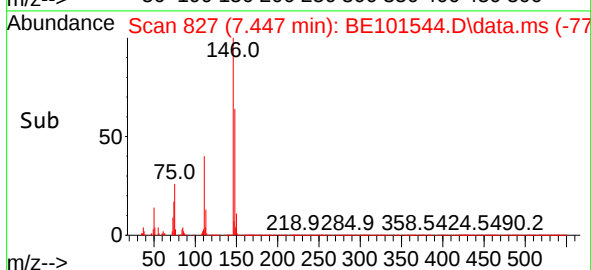
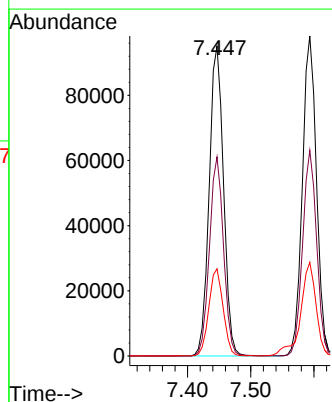
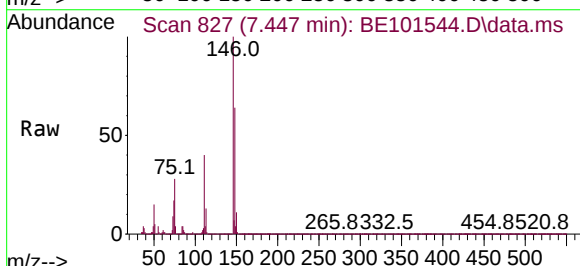
Reviewed By :Yogesh Patel 11/10/2024

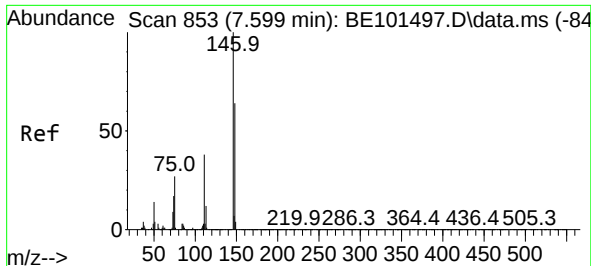
Supervised By :mohammad ahmed 11/11/2024



#12
1,3-Dichlorobenzene
Concen: 40.030 ng
RT: 7.447 min Scan# 827
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Tgt Ion:146 Resp: 149848
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.2
75 28.2 21.1 31.7





#13

1,4-Dichlorobenzene

Concen: 40.067 ng

RT: 7.593 min Scan# 8

Delta R.T. -0.005 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 151910

Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.6

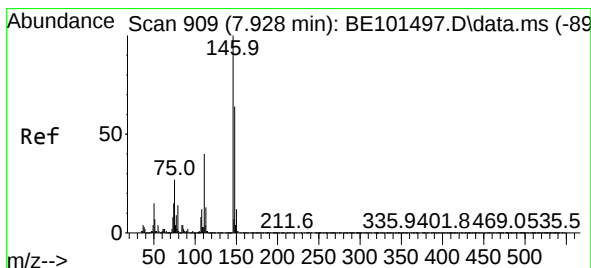
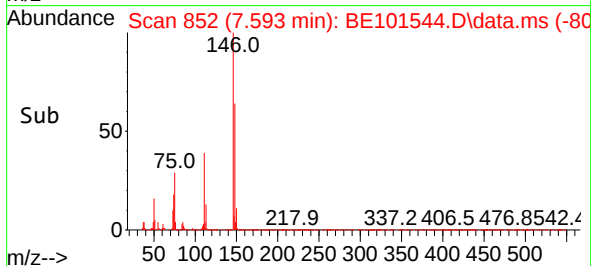
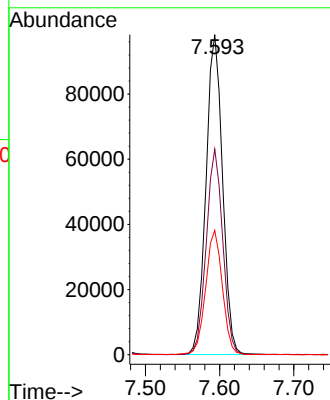
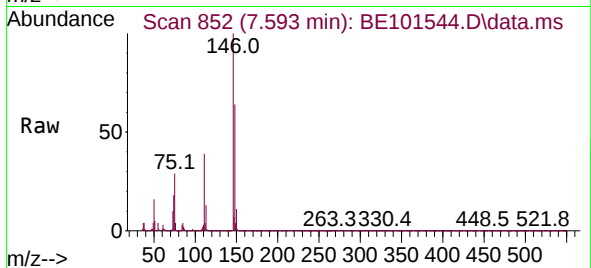
111 38.8 30.2 45.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#14

1,2-Dichlorobenzene

Concen: 40.065 ng

RT: 7.922 min Scan# 908

Delta R.T. -0.005 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

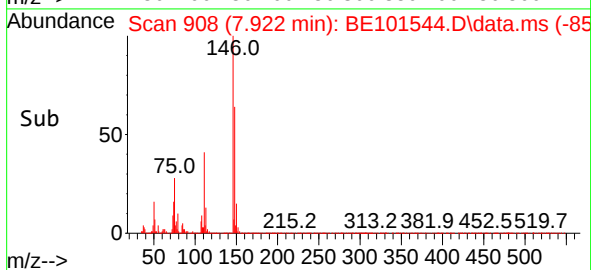
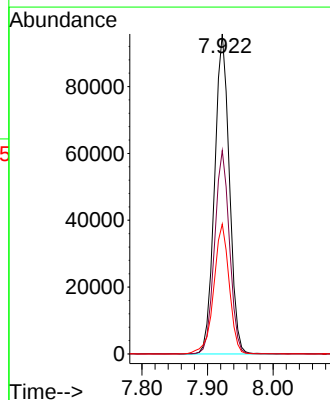
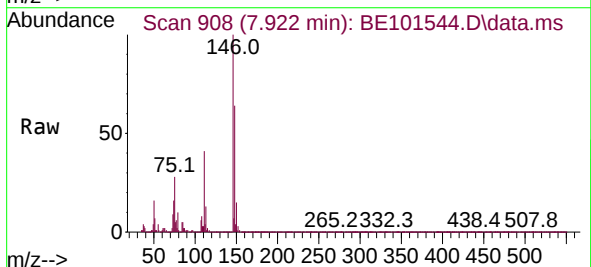
Tgt Ion:146 Resp: 149116

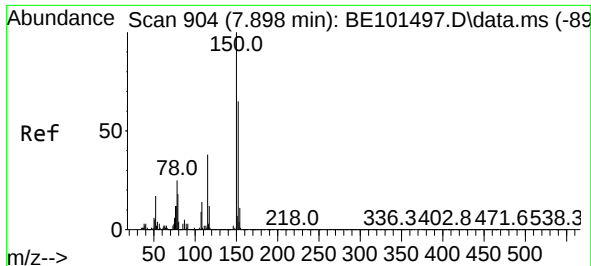
Ion Ratio Lower Upper

146 100

148 63.6 51.2 76.8

111 40.6 32.2 48.4





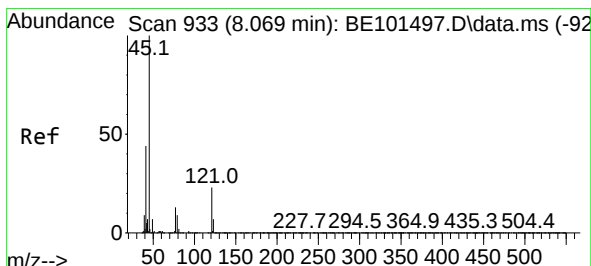
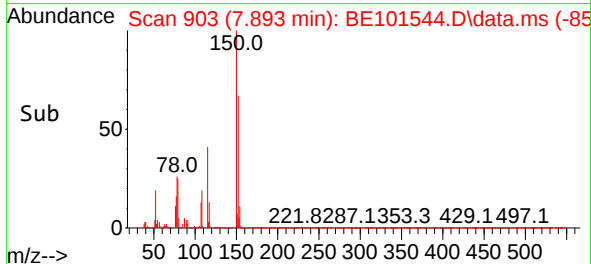
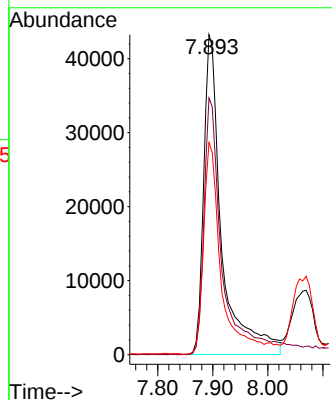
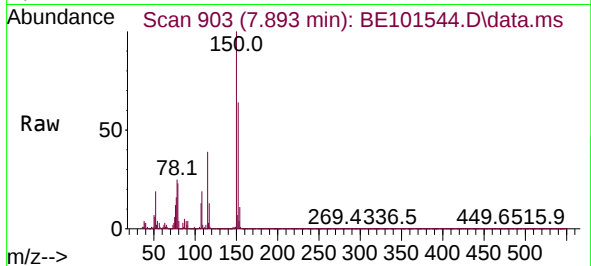
#15
Benzyl Alcohol
Concen: 42.529 ng
RT: 7.893 min Scan# 904
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 98580
Ion Ratio Lower Upper
79 100
108 80.2 63.8 95.8
77 66.2 53.4 80.0

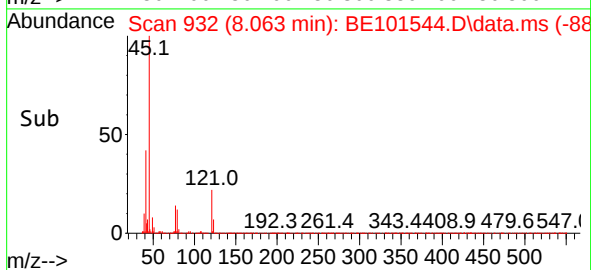
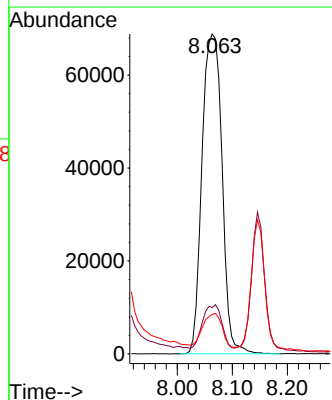
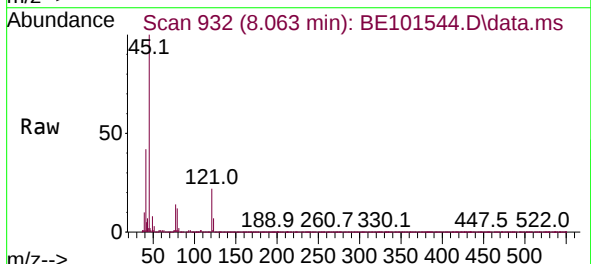
Manual Integrations
APPROVED

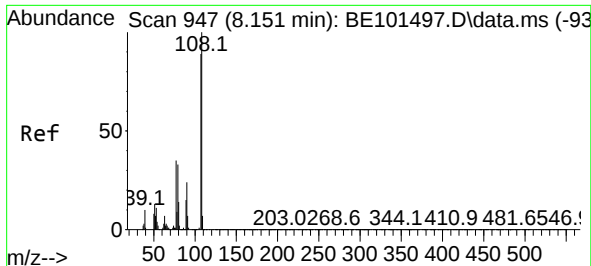
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.166 ng
RT: 8.063 min Scan# 932
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Tgt Ion: 45 Resp: 174241
Ion Ratio Lower Upper
45 100
77 14.5 0.0 36.2
79 12.4 0.0 33.8





#17
2-Methylphenol
Concen: 40.749 ng
RT: 8.146 min Scan# 947
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

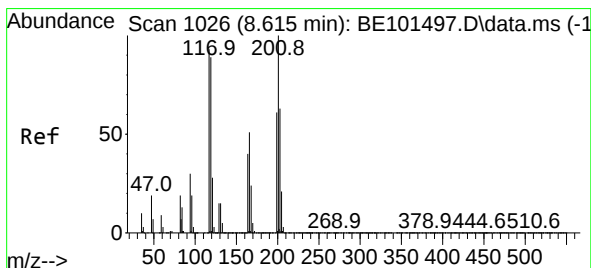
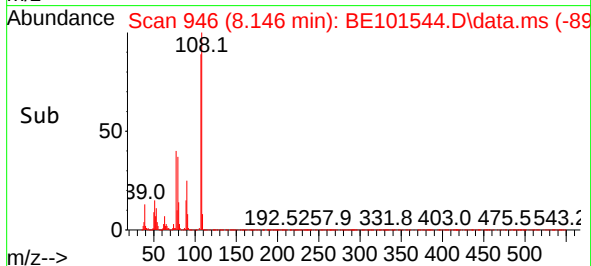
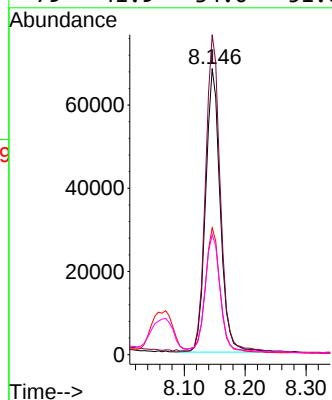
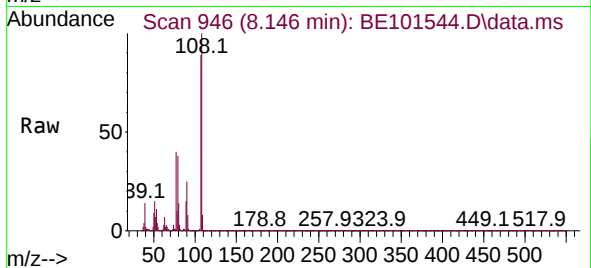
Tgt Ion:107 Resp: 11395
Ion Ratio Lower Upper
107 100
108 111.8 90.2 135.4
77 44.4 35.1 52.7
79 41.9 34.0 51.0

Manual Integrations

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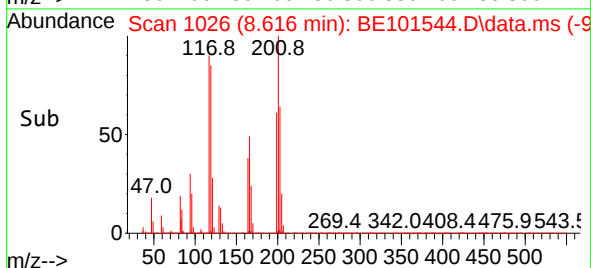
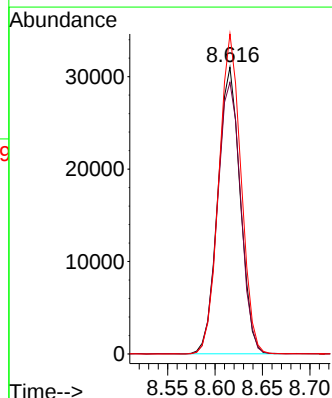
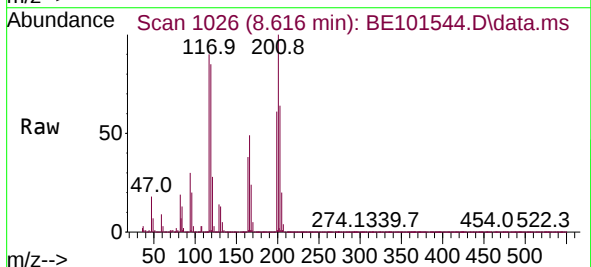
Reviewed By :Yogesh Patel 11/10/2024

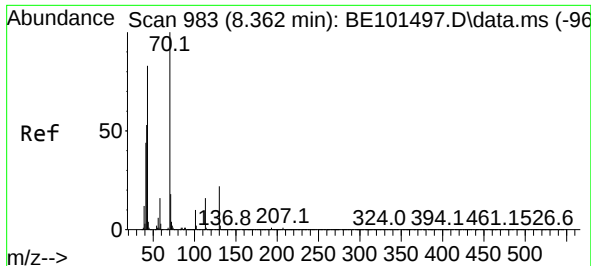
Supervised By :mohammad ahmed 11/11/2024



#18
Hexachloroethane
Concen: 39.729 ng
RT: 8.616 min Scan# 1026
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

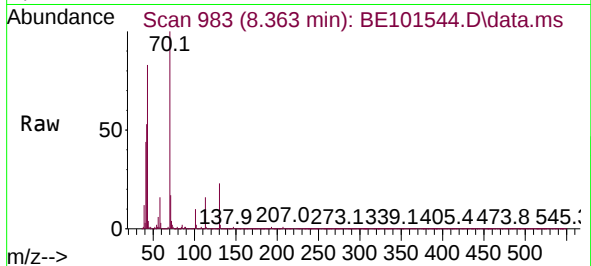
Tgt Ion:117 Resp: 50871
Ion Ratio Lower Upper
117 100
119 94.7 76.6 114.8
201 111.6 86.1 129.1





#19
n-Nitroso-di-n-propylamine
Concen: 42.268 ng
RT: 8.363 min Scan# 983
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

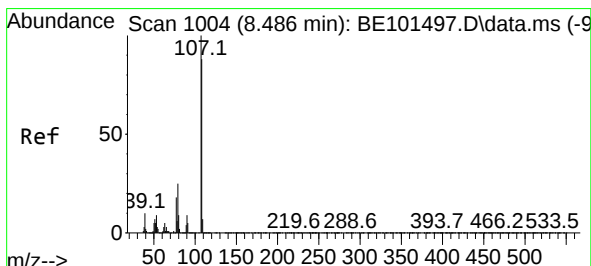
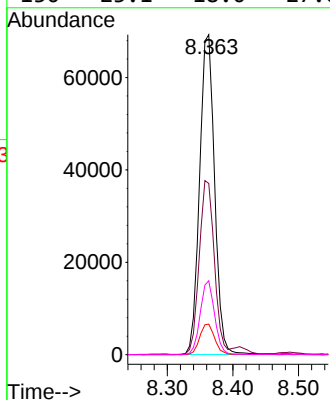
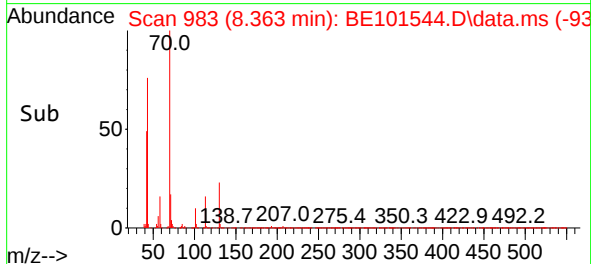
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040



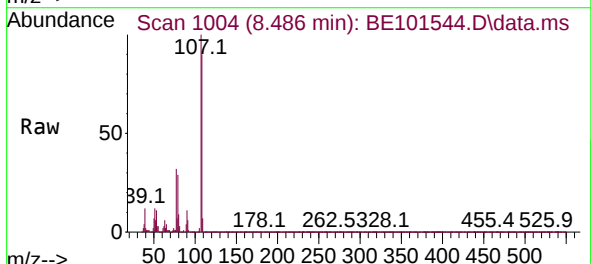
Tgt Ion: 70 Resp: 11059
Ion Ratio Lower Upper
70 100
42 53.5 42.7 64.1
101 9.5 8.2 12.2
130 23.1 18.0 27.0

Manual Integrations
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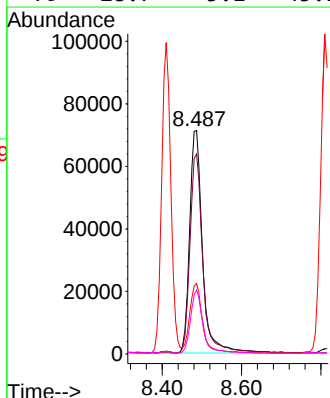
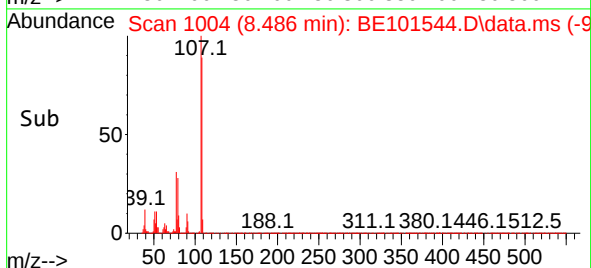
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

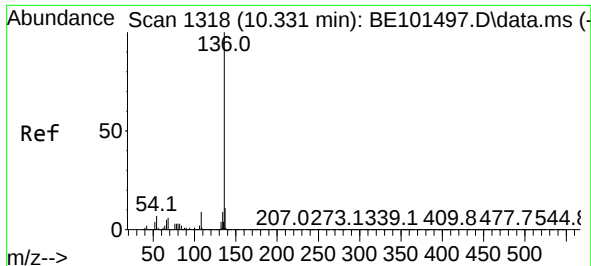


#20
3+4-Methylphenols
Concen: 41.727 ng
RT: 8.486 min Scan# 1004
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07



Tgt Ion:107 Resp: 161794
Ion Ratio Lower Upper
107 100
108 89.5 68.2 108.2
77 31.5 10.4 50.4
79 28.7 5.1 45.1





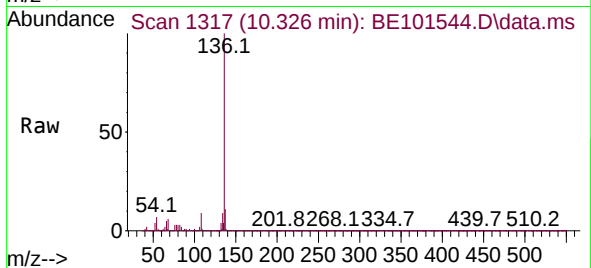
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.326 min Scan# 11
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040



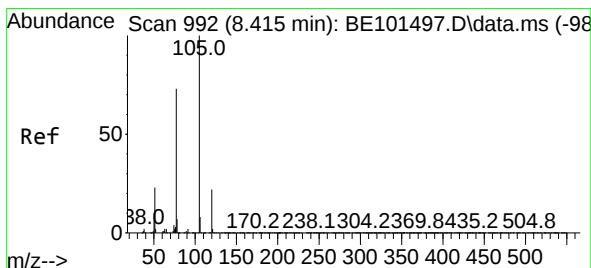
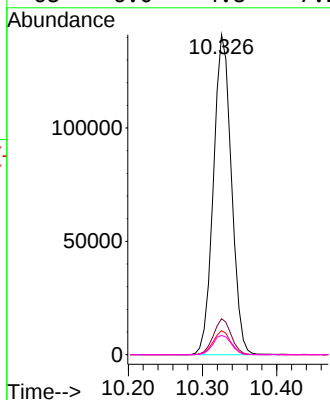
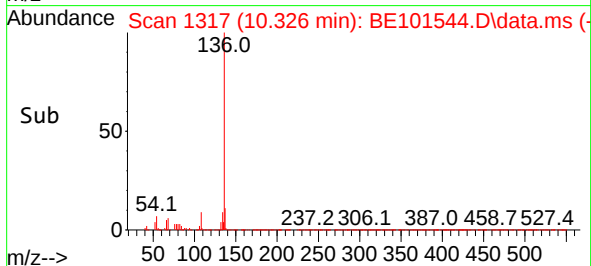
Tgt Ion:136 Resp: 237509
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.5 5.6 8.4
68 6.0 4.8 7.2

Manual Integrations

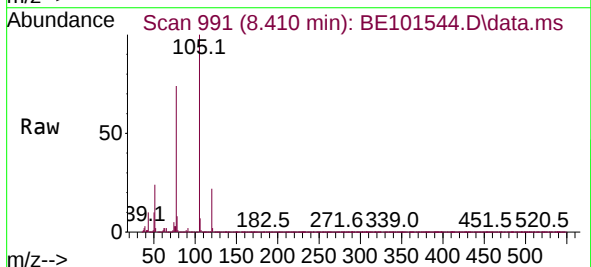
APPROVED

Reviewed By :Yogesh Patel 11/10/2024

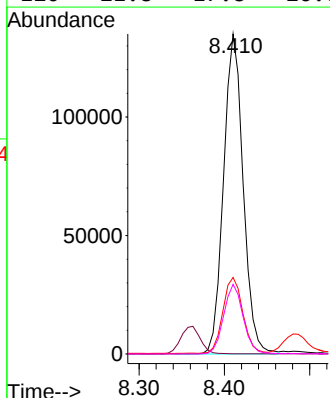
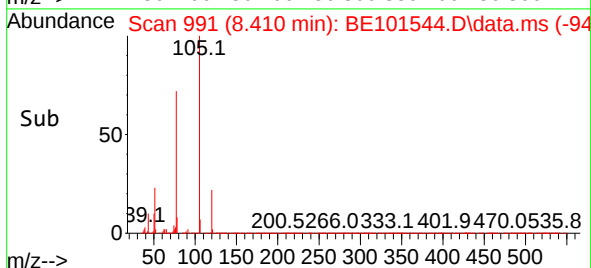
Supervised By :mohammad ahmed 11/11/2024

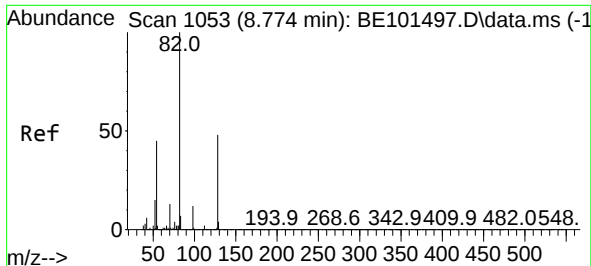


#22
Acetophenone
Concen: 40.043 ng
RT: 8.410 min Scan# 991
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07



Tgt Ion:105 Resp: 215384
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1#
51 23.9 18.7 28.1
120 21.8 17.8 26.6





#23
Nitrobenzene-d5
Concen: 83.156 ng
RT: 8.769 min Scan# 1052
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

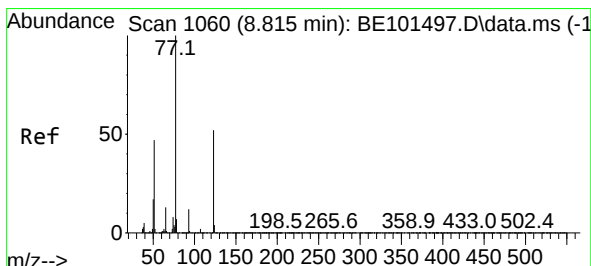
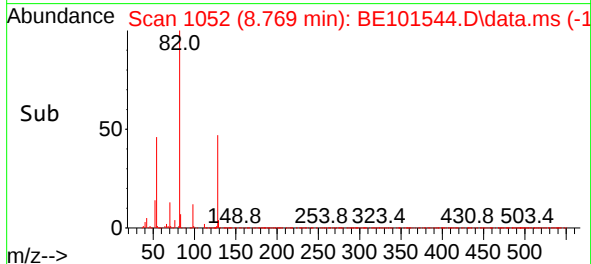
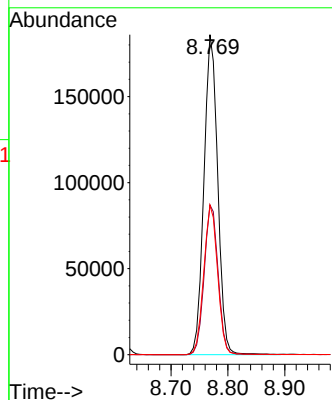
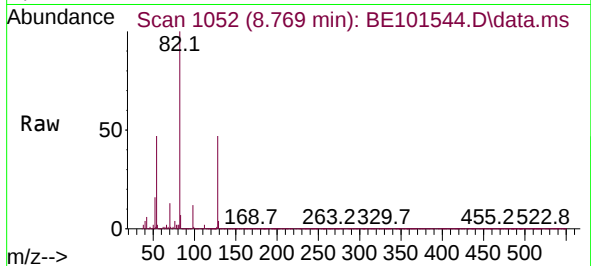
Tgt Ion: 82 Resp: 312679
Ion Ratio Lower Upper
82 100
128 46.8 38.6 58.0
54 46.7 36.3 54.5

Manual Integrations

APPROVED

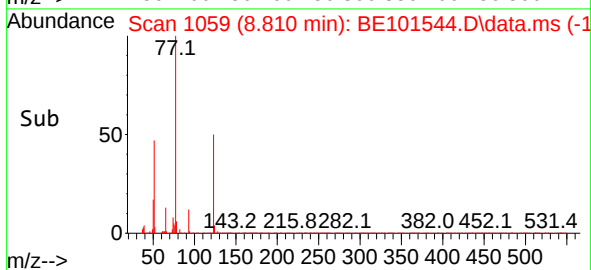
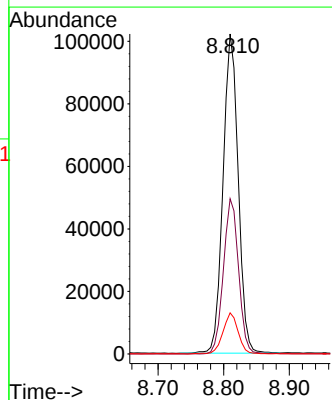
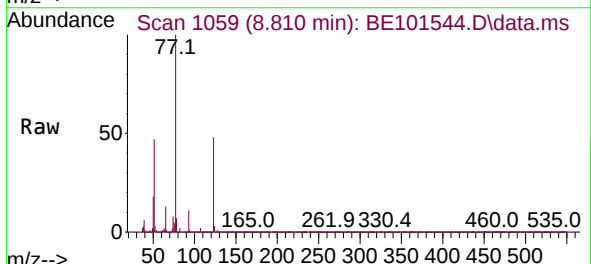
Reviewed By :Yogesh Patel 11/10/2024

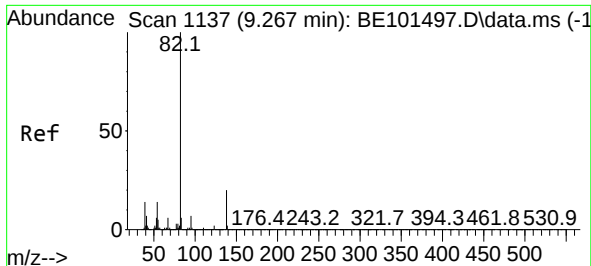
Supervised By :mohammad ahmed 11/11/2024



#24
Nitrobenzene
Concen: 41.795 ng
RT: 8.810 min Scan# 1059
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Tgt Ion: 77 Resp: 163457
Ion Ratio Lower Upper
77 100
123 48.5 41.2 61.8
65 12.8 10.3 15.5





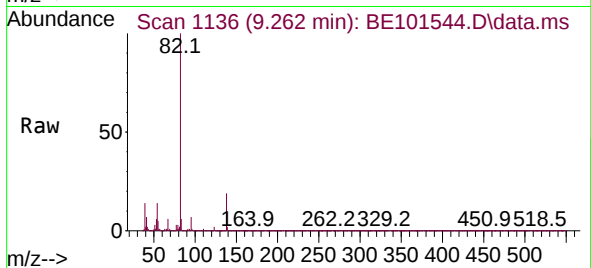
#25
Isophorone
Concen: 41.792 ng
RT: 9.262 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040



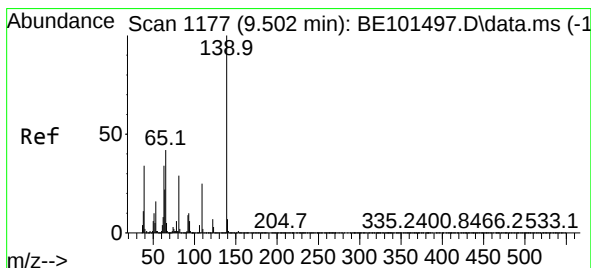
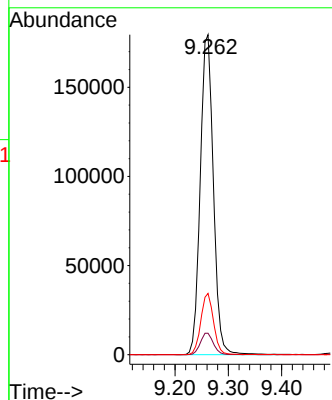
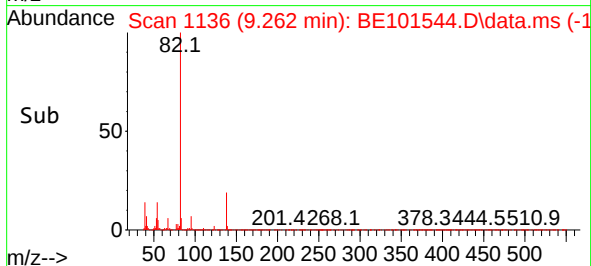
Tgt Ion: 82 Resp: 30581
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 19.2 15.8 23.6

Manual Integrations

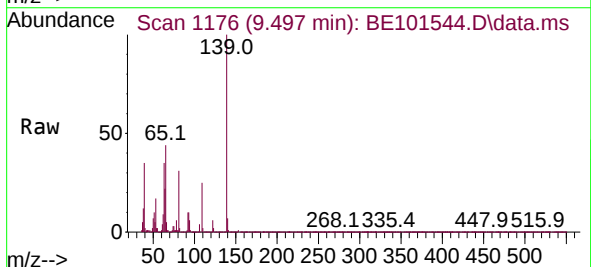
APPROVED

Reviewed By :Yogesh Patel 11/10/2024

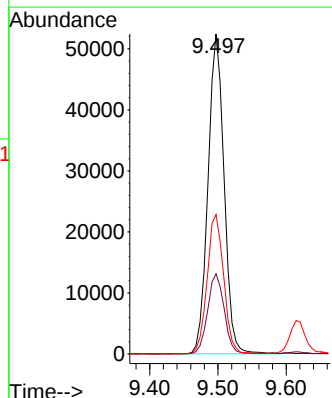
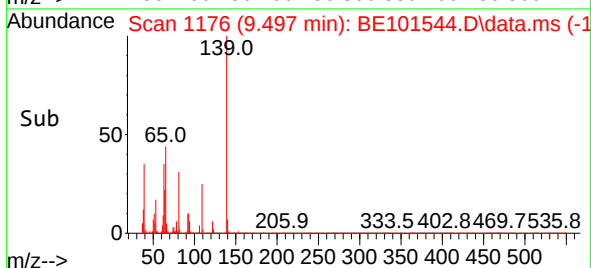
Supervised By :mohammad ahmed 11/11/2024

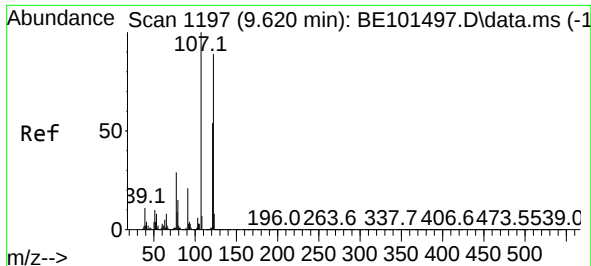


#26
2-Nitrophenol
Concen: 41.283 ng
RT: 9.497 min Scan# 1176
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07



Tgt Ion:139 Resp: 85922
Ion Ratio Lower Upper
139 100
109 25.1 20.2 30.4
65 43.6 34.0 51.0





#27
2,4-Dimethylphenol
Concen: 40.108 ng
RT: 9.615 min Scan# 1197
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

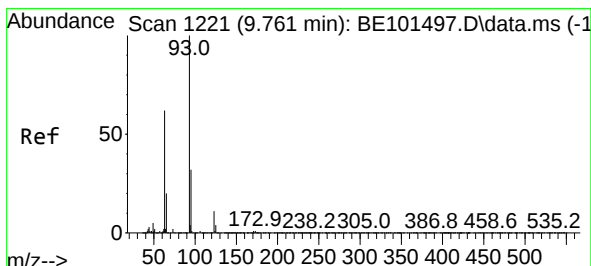
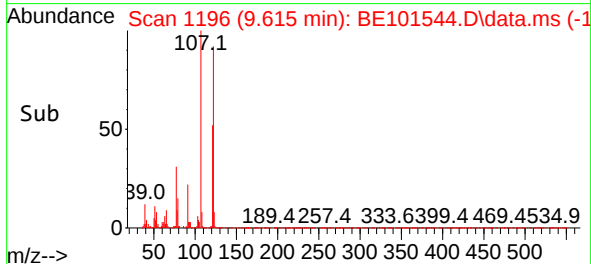
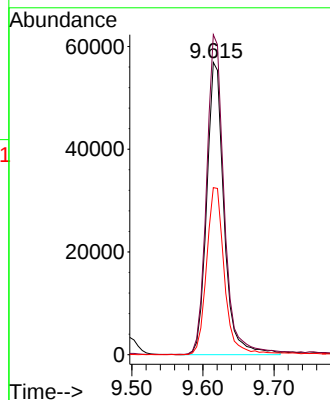
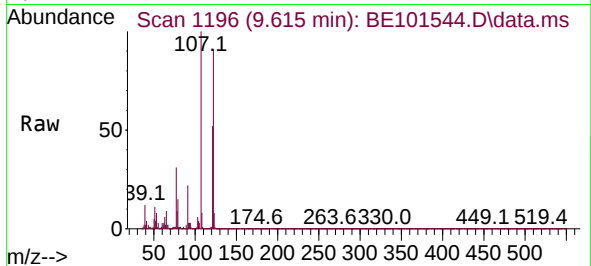
Tgt Ion:122 Resp: 9658
Ion Ratio Lower Upper
122 100
107 109.5 89.8 134.6
121 57.1 48.0 72.0

Manual Integrations

APPROVED

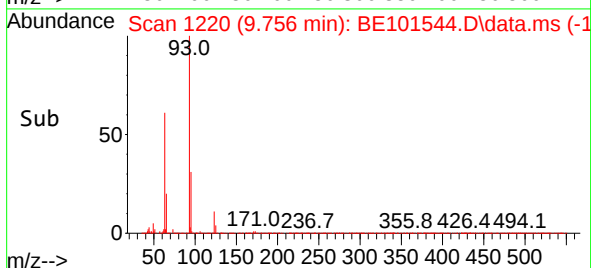
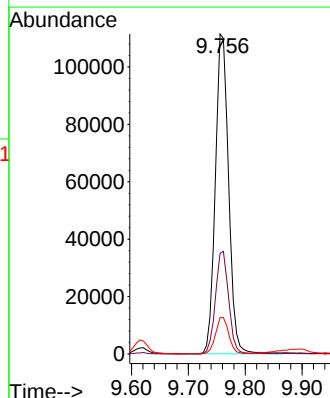
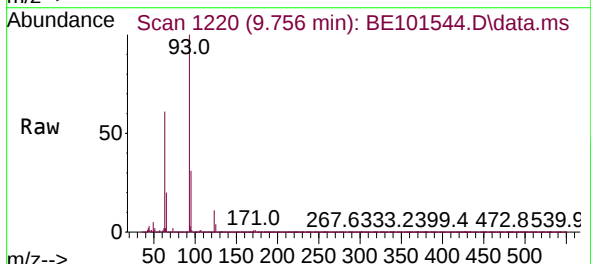
Reviewed By :Yogesh Patel 11/10/2024

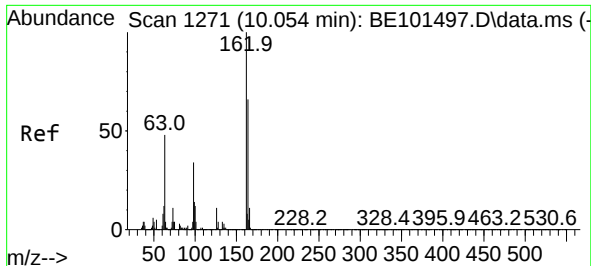
Supervised By :mohammad ahmed 11/11/2024



#28
bis(2-Chloroethoxy)methane
Concen: 40.232 ng
RT: 9.756 min Scan# 1220
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Tgt Ion: 93 Resp: 180210
Ion Ratio Lower Upper
93 100
95 31.4 25.9 38.9
123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.947 ng

RT: 10.055 min Scan# 1271

Delta R.T. 0.001 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 13998

Ion Ratio Lower Upper

162 100

164 63.7 45.7 85.7

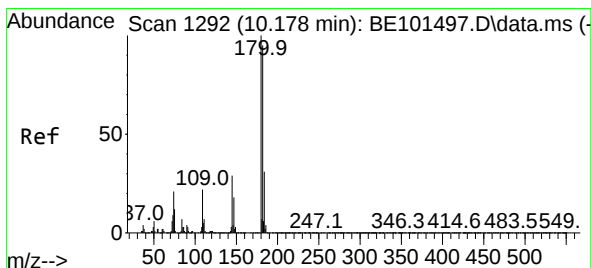
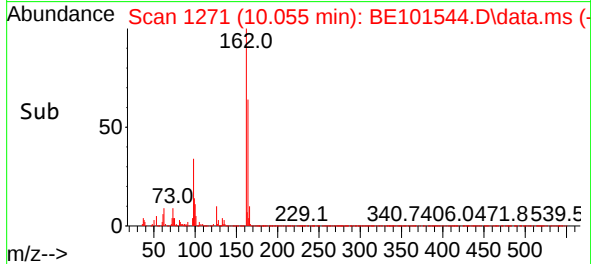
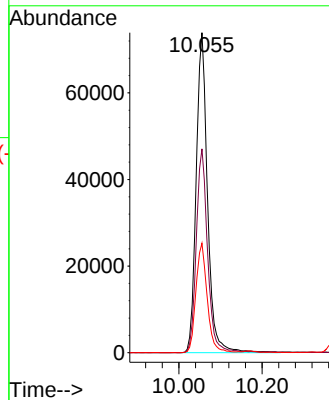
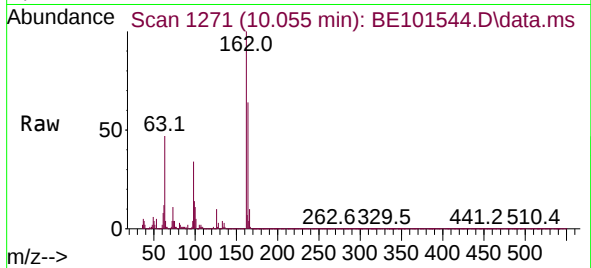
98 34.2 14.0 54.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#30

1,2,4-Trichlorobenzene

Concen: 39.001 ng

RT: 10.173 min Scan# 1291

Delta R.T. -0.005 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

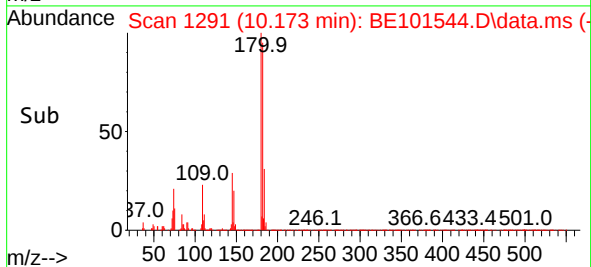
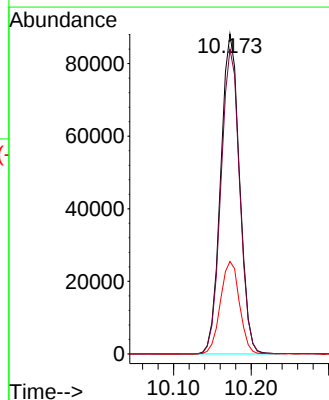
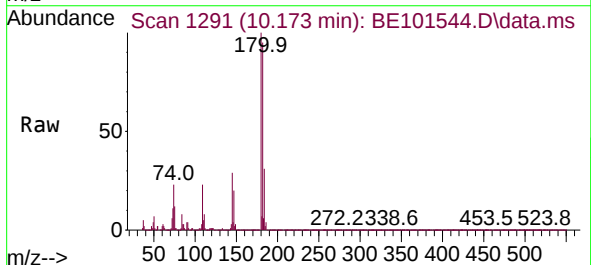
Tgt Ion:180 Resp: 148845

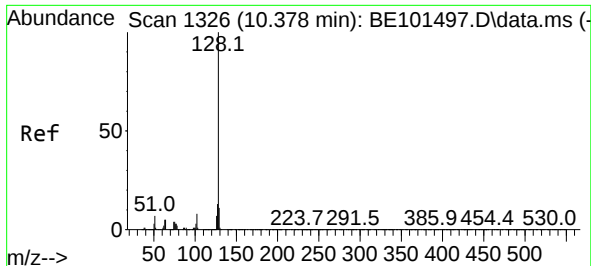
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

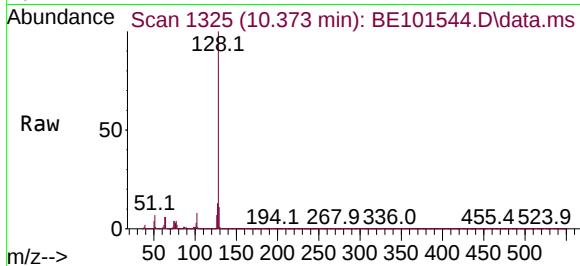
145 28.9 23.2 34.8





#31
Naphthalene
Concen: 39.967 ng
RT: 10.373 min Scan# 11
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

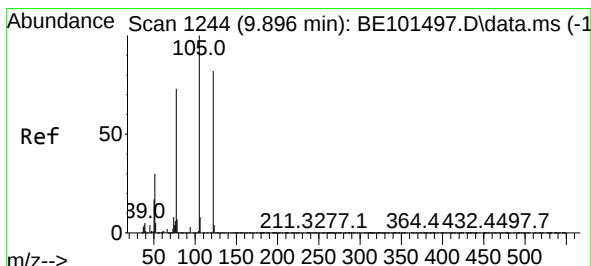
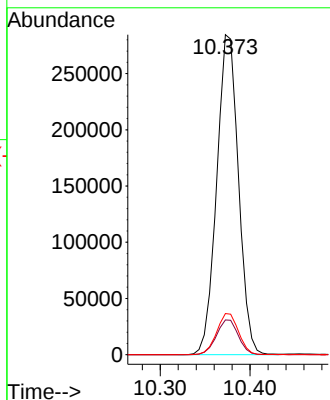
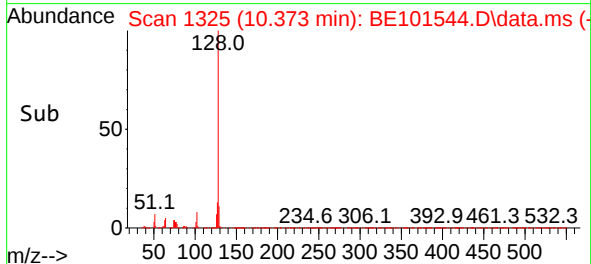
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 479224
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.9 10.3 15.5

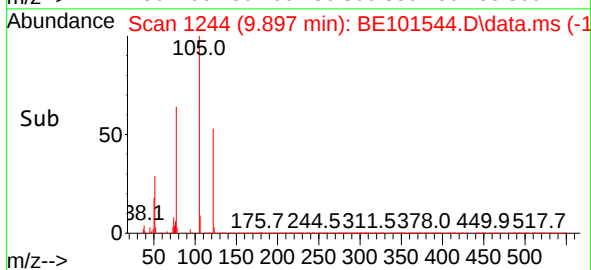
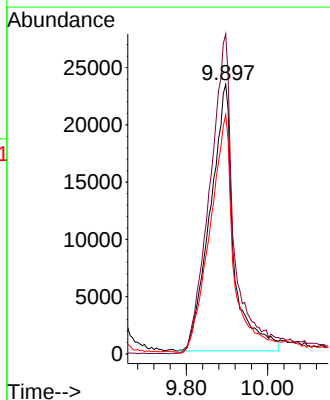
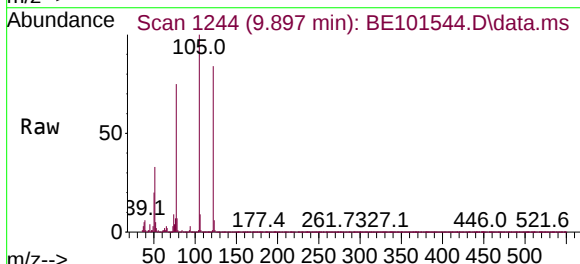
Manual Integrations
APPROVED

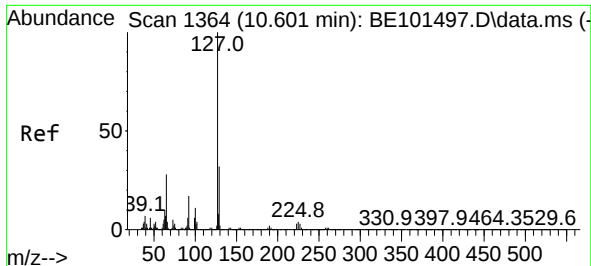
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#32
Benzoic acid
Concen: 42.834 ng
RT: 9.897 min Scan# 1244
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

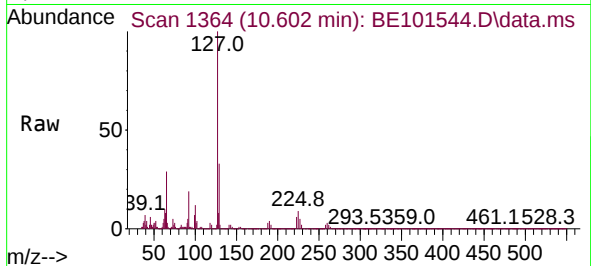
Tgt Ion:122 Resp: 94456
Ion Ratio Lower Upper
122 100
105 118.8 100.6 140.6
77 88.8 68.6 108.6





#33
4-Chloroaniline
Concen: 42.324 ng
RT: 10.602 min Scan# 1364
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

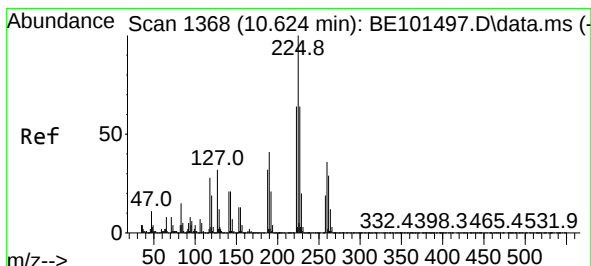
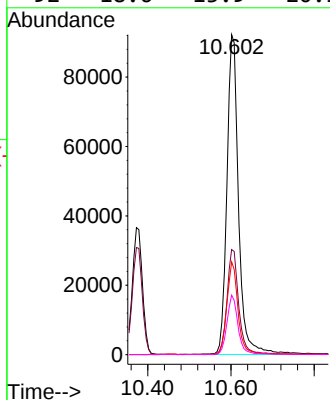
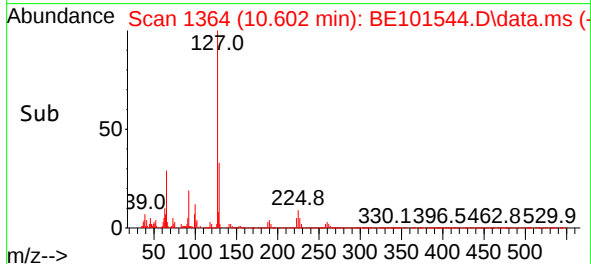
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040



Tgt Ion:127 Resp: 17846
Ion Ratio Lower Upper
127 100
129 32.9 25.8 38.8
65 29.0 22.6 33.8
92 18.6 13.9 20.9

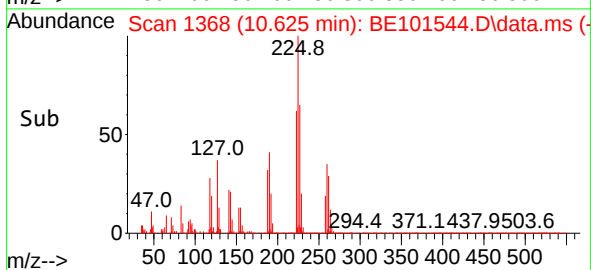
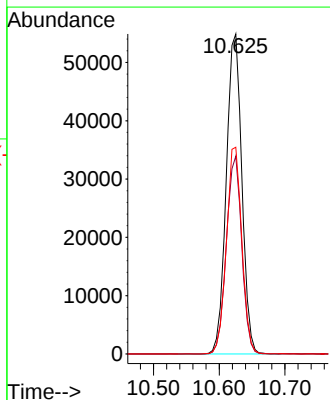
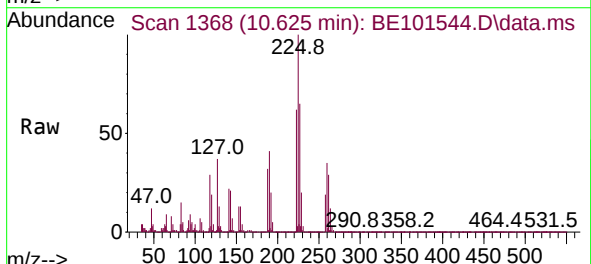
Manual Integrations
APPROVED

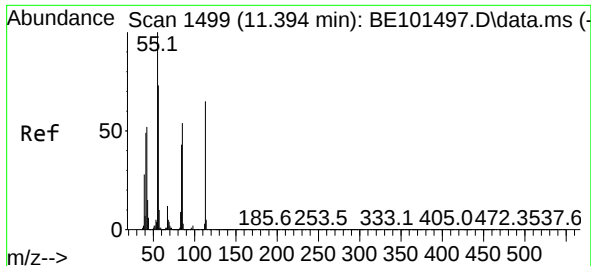
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#34
Hexachlorobutadiene
Concen: 38.348 ng
RT: 10.625 min Scan# 1368
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

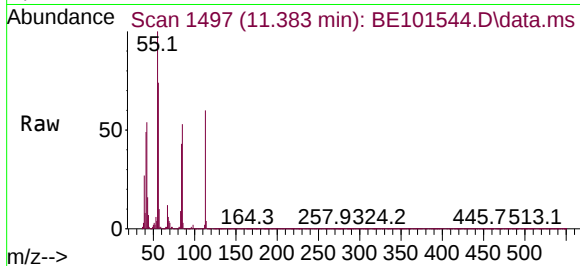
Tgt Ion:225 Resp: 90206
Ion Ratio Lower Upper
225 100
223 61.8 51.0 76.6
227 64.6 51.0 76.6





#35
Caprolactam
Concen: 45.719 ng
RT: 11.383 min Scan# 1499
Delta R.T. -0.011 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

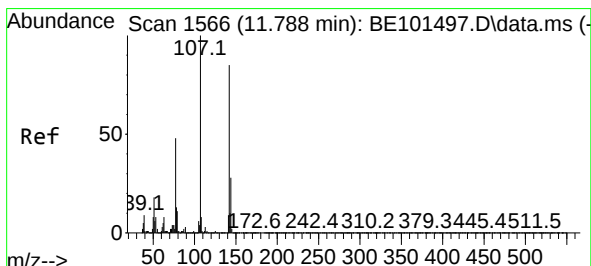
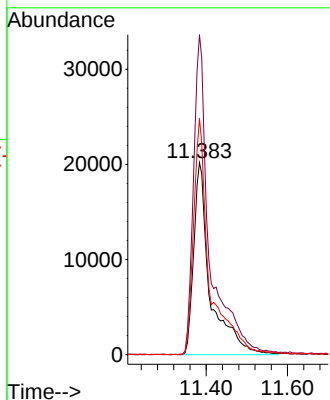
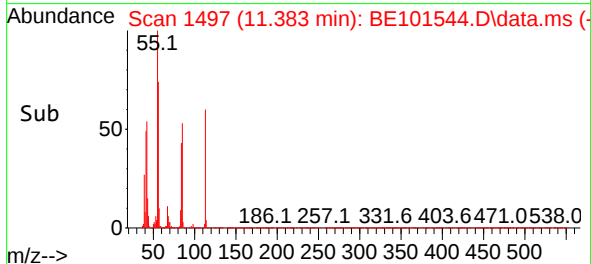
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040



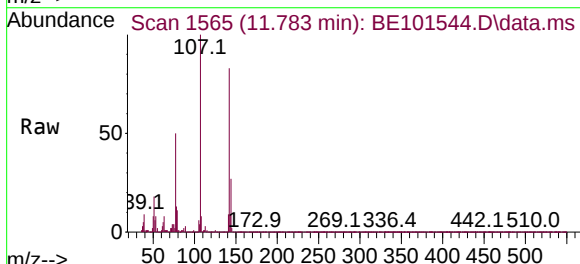
Tgt Ion:113 Resp: 57390
Ion Ratio Lower Upper
113 100
55 166.7 134.3 174.3
56 123.0 92.6 132.6

Manual Integrations
APPROVED

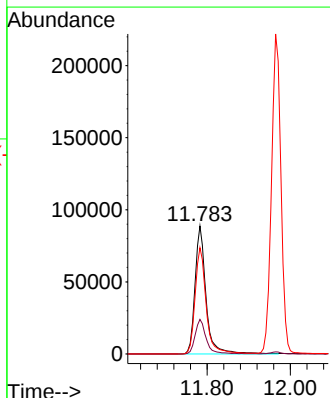
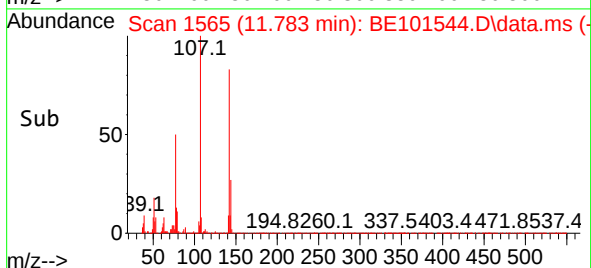
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

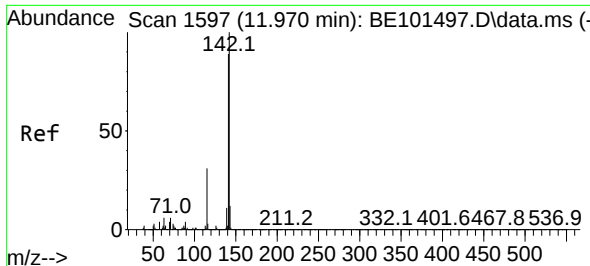


#36
4-Chloro-3-methylphenol
Concen: 43.532 ng
RT: 11.783 min Scan# 1565
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07



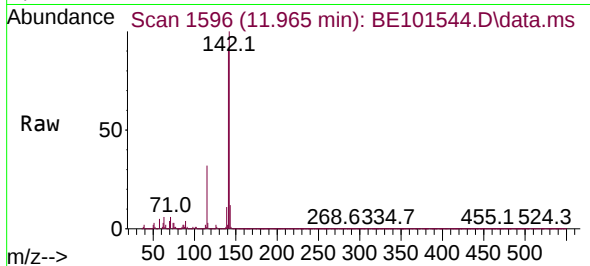
Tgt Ion:107 Resp: 162513
Ion Ratio Lower Upper
107 100
144 27.0 22.4 33.6
142 83.0 68.2 102.2





#37
2-Methylnaphthalene
Concen: 40.995 ng
RT: 11.965 min Scan# 1596
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

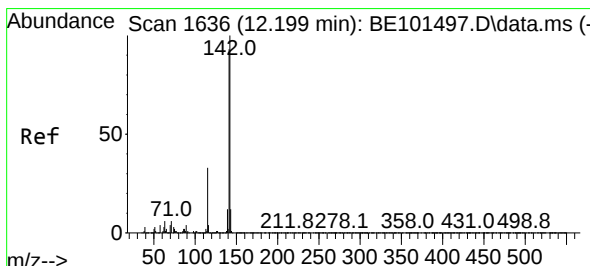
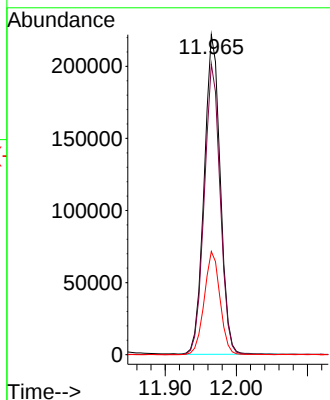
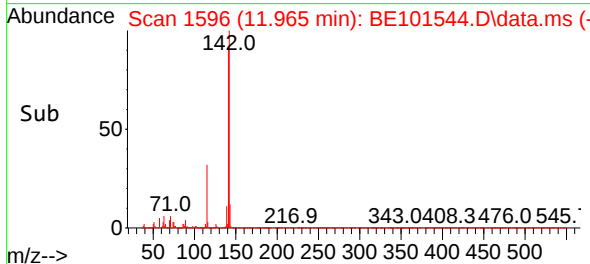
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040



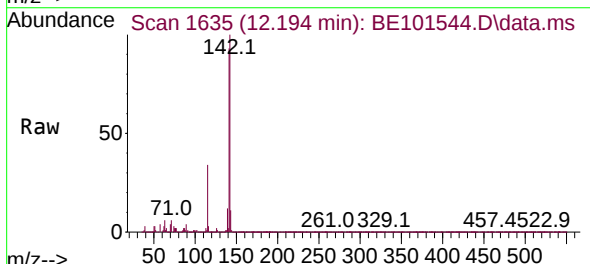
Tgt Ion:142 Resp: 34913
Ion Ratio Lower Upper
142 100
141 90.8 71.3 106.9
115 32.2 25.0 37.4

Manual Integrations
APPROVED

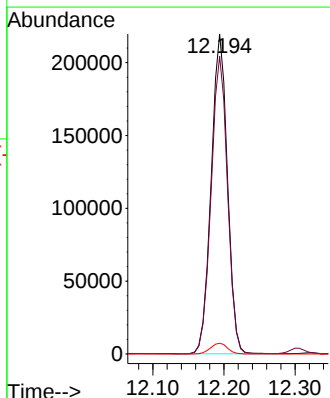
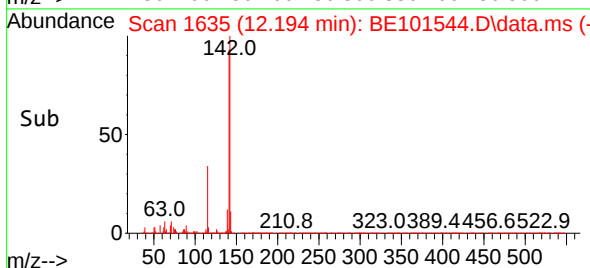
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

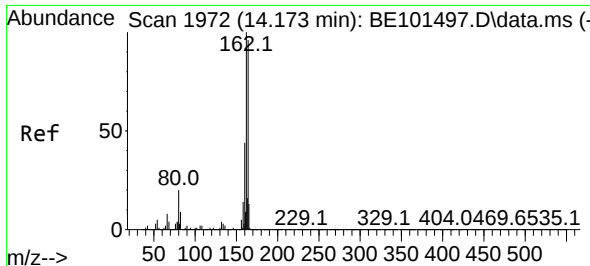


#38
1-Methylnaphthalene
Concen: 40.889 ng
RT: 12.194 min Scan# 1635
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07



Tgt Ion:142 Resp: 347270
Ion Ratio Lower Upper
142 100
141 93.0 74.7 112.1
116 3.4 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.174 min Scan# 1972
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Instrument :

BNA_E

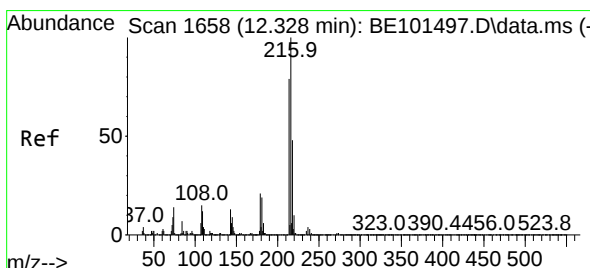
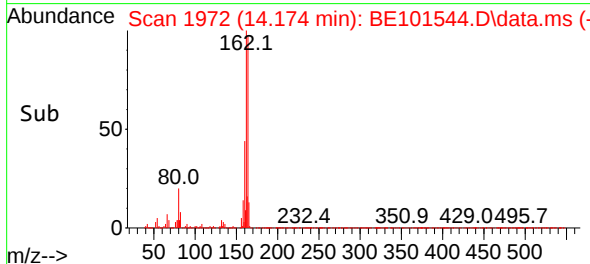
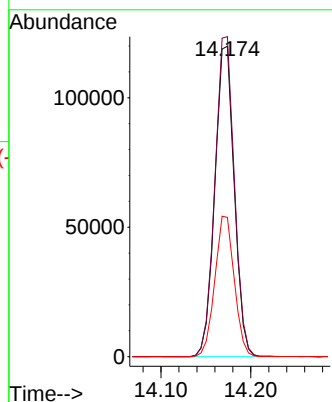
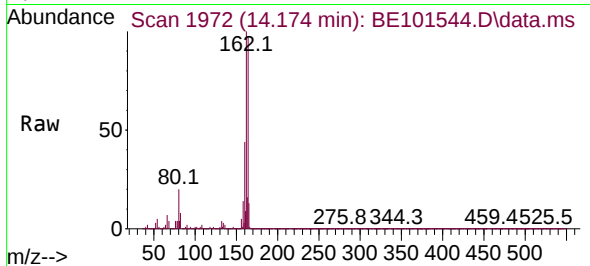
ClientSampleId :

SSTDCCC040

Tgt Ion:164 Resp: 17965
Ion Ratio Lower Upper
164 100
162 103.1 83.7 125.5
160 44.9 37.1 55.7

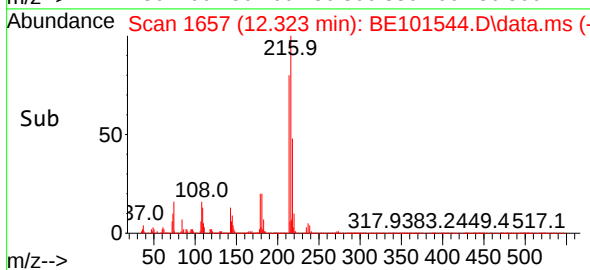
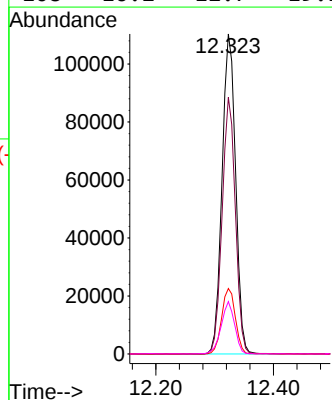
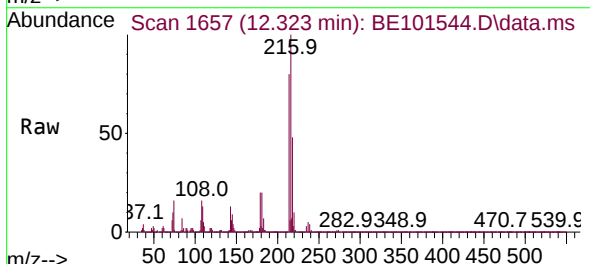
Manual Integrations
APPROVED

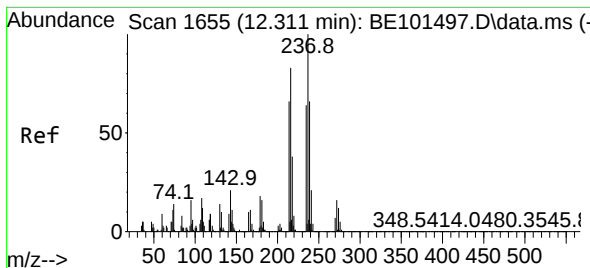
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.079 ng
RT: 12.323 min Scan# 1657
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Tgt Ion:216 Resp: 175622
Ion Ratio Lower Upper
216 100
214 78.5 62.6 93.8
179 20.8 16.4 24.6
108 16.2 12.7 19.1





#41

Hexachlorocyclopentadiene

Concen: 39.479 ng

RT: 12.306 min Scan# 1654

Delta R.T. -0.005 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

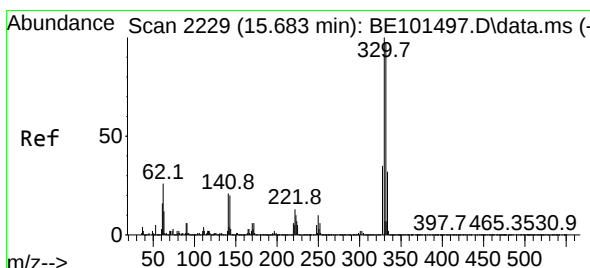
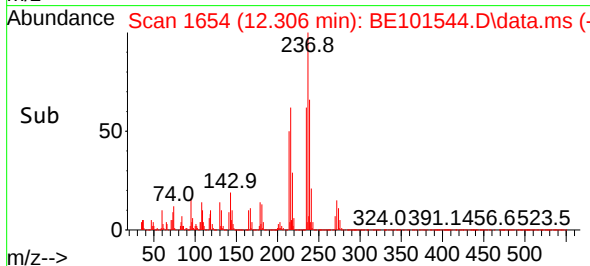
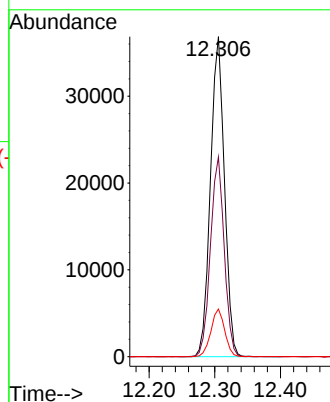
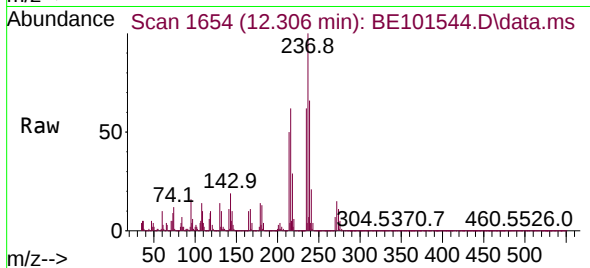
Tgt Ion:	237	Resp:	5456
Ion Ratio	Lower	Upper	
237	100		
235	62.4	43.5	83.5
272	14.9	0.0	35.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#42

2,4,6-Tribromophenol

Concen: 80.833 ng

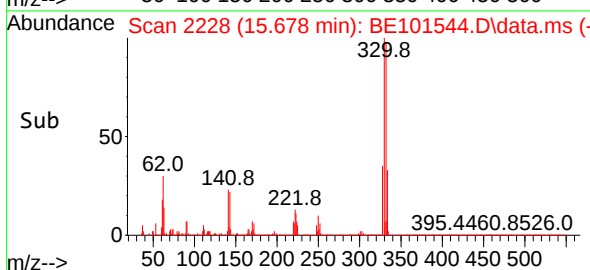
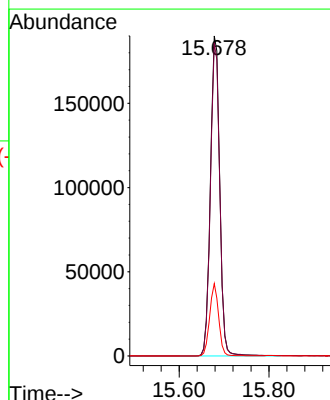
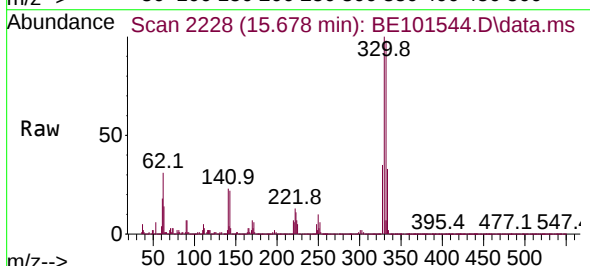
RT: 15.678 min Scan# 2228

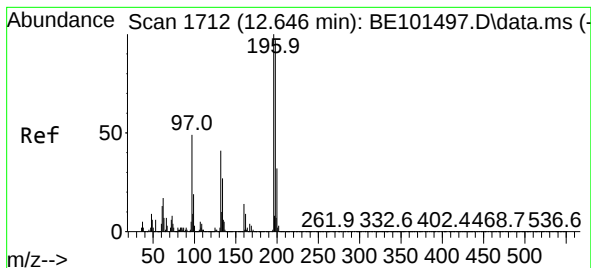
Delta R.T. -0.005 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

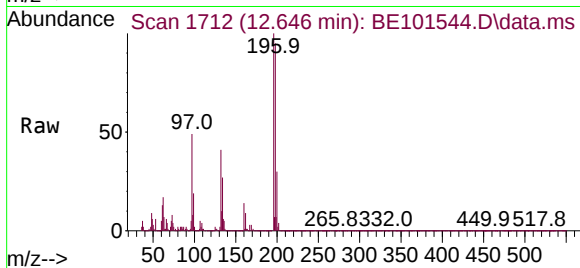
Tgt Ion:	330	Resp:	273256
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.7	116.5
141	21.9	17.0	25.4





#43
2,4,6-Trichlorophenol
Concen: 39.507 ng
RT: 12.646 min Scan# 1712
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

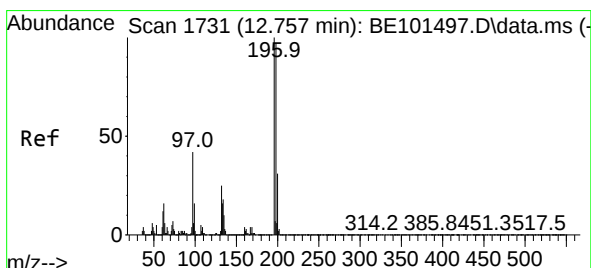
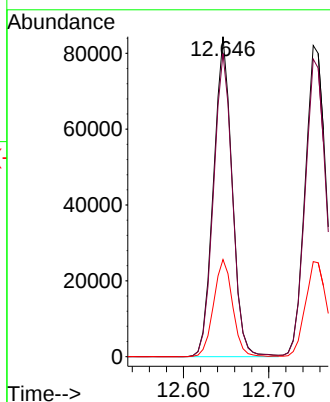
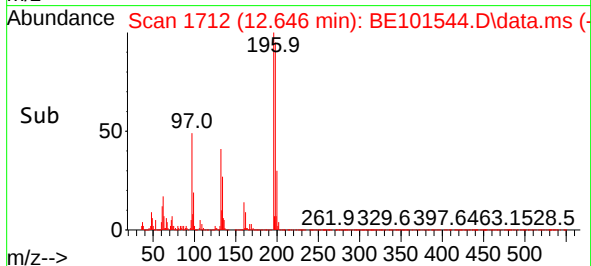
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040



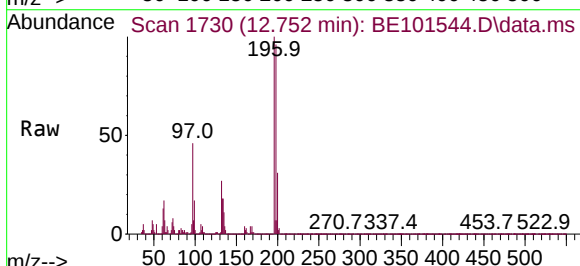
Tgt Ion:196 Resp: 128512
Ion Ratio Lower Upper
196 100
198 94.7 77.7 116.5
200 30.3 25.3 37.9

Manual Integrations
APPROVED

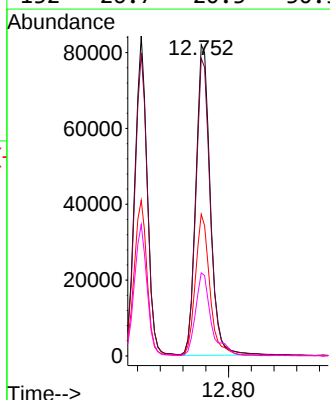
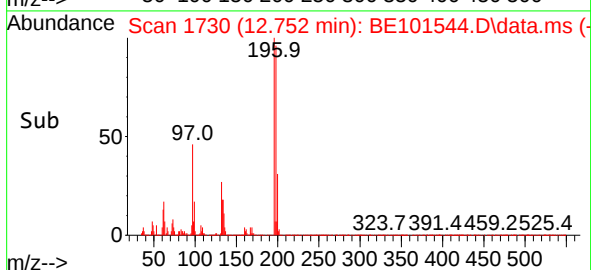
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

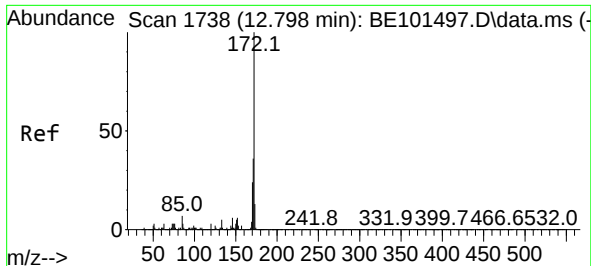


#44
2,4,5-Trichlorophenol
Concen: 40.006 ng
RT: 12.752 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07



Tgt Ion:196 Resp: 144979
Ion Ratio Lower Upper
196 100
198 95.7 77.3 115.9
97 45.6 33.4 50.0
132 26.7 20.3 30.5





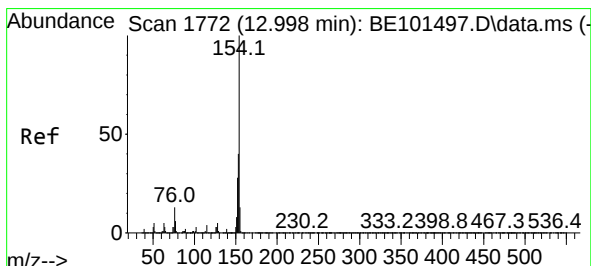
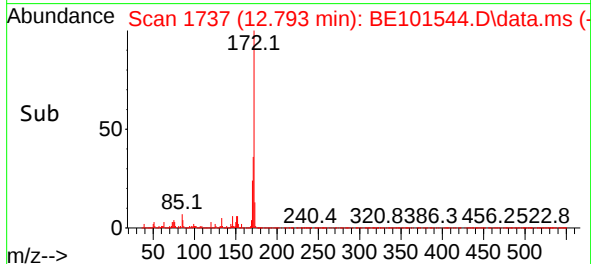
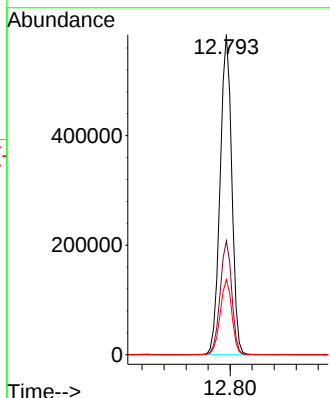
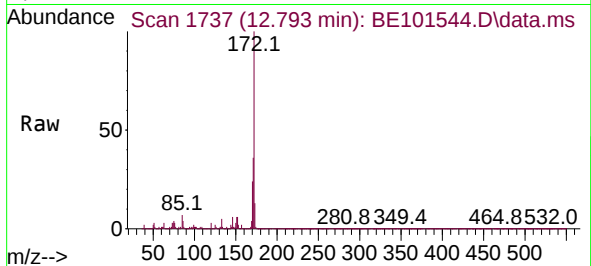
#45
2-Fluorobiphenyl
Concen: 77.869 ng
RT: 12.793 min Scan# 1738
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 856759
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.5 18.9 28.3

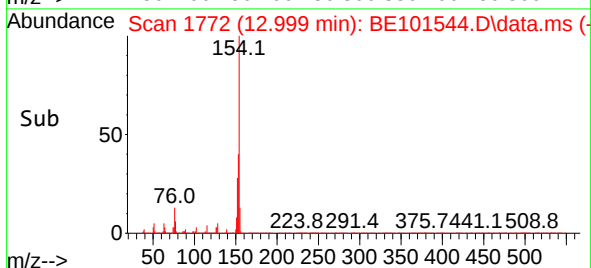
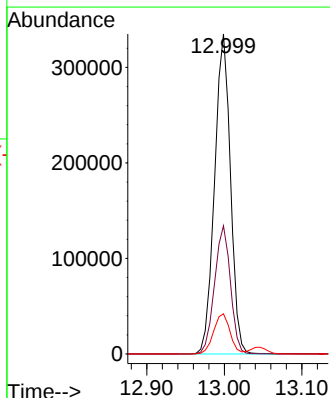
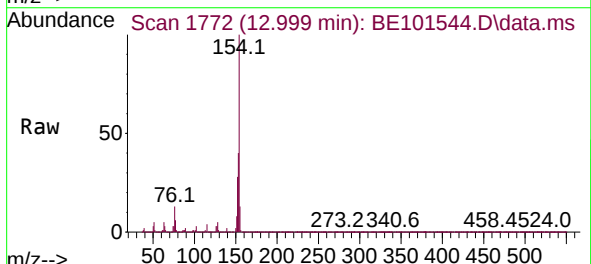
Manual Integrations
APPROVED

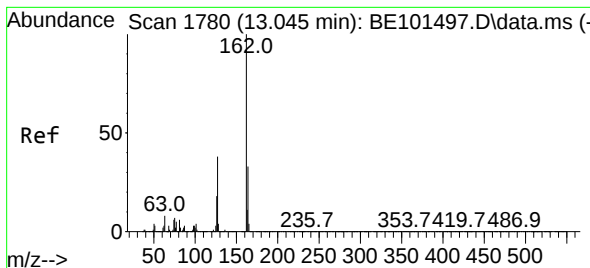
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#46
1,1'-Biphenyl
Concen: 38.475 ng
RT: 12.999 min Scan# 1772
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Tgt Ion:154 Resp: 476785
Ion Ratio Lower Upper
154 100
153 40.1 19.7 59.7
76 12.6 0.0 33.0





#47

2-Chloronaphthalene

Concen: 38.497 ng

RT: 13.046 min Scan# 1

Delta R.T. 0.001 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

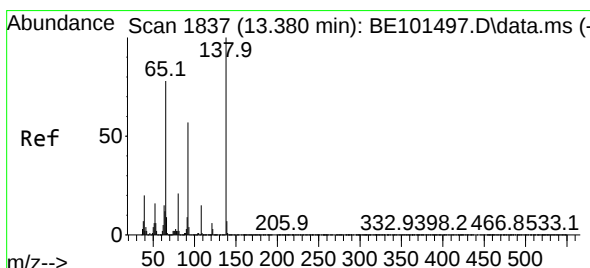
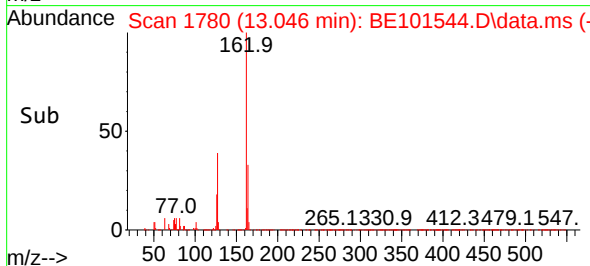
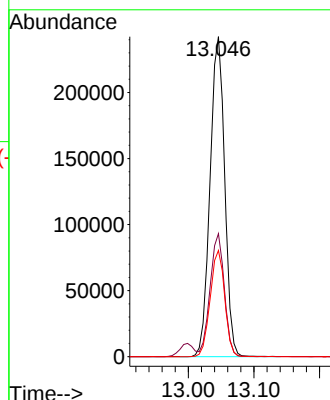
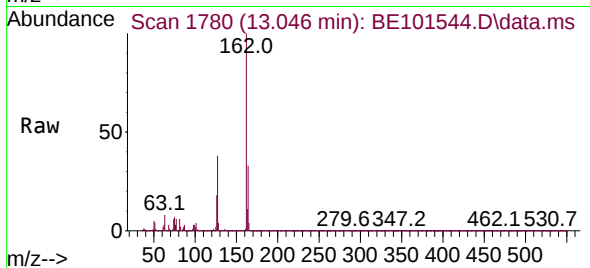
Tgt Ion:	162	Resp:	37626
Ion Ratio	Lower	Upper	
162	100		
127	38.4	30.2	45.4
164	33.2	26.4	39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#48

2-Nitroaniline

Concen: 44.348 ng

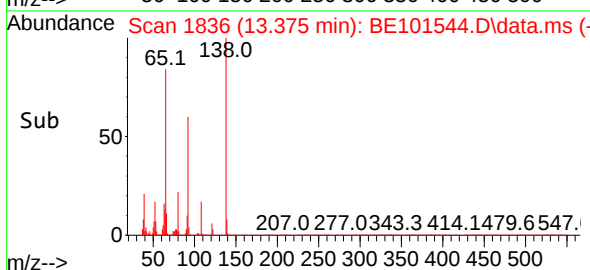
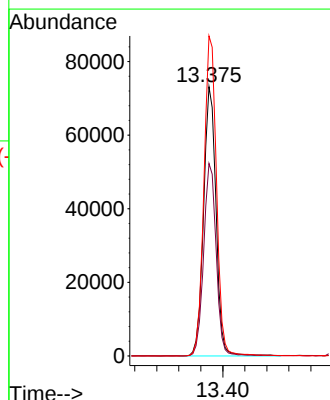
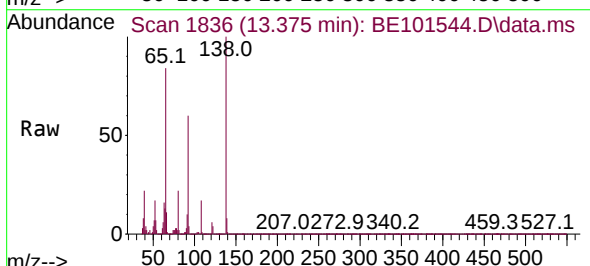
RT: 13.375 min Scan# 1836

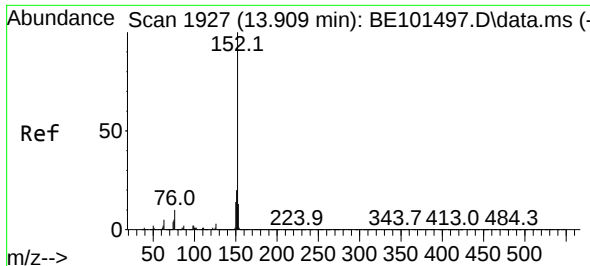
Delta R.T. -0.005 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

Tgt Ion:	65	Resp:	114738
Ion Ratio	Lower	Upper	
65	100		
92	71.5	58.9	88.3
138	118.8	103.0	154.6





#49
Acenaphthylene
Concen: 40.390 ng
RT: 13.904 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Instrument :

BNA_E

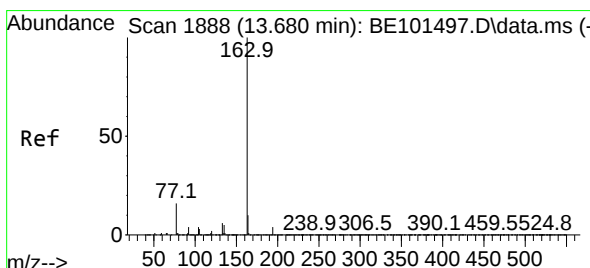
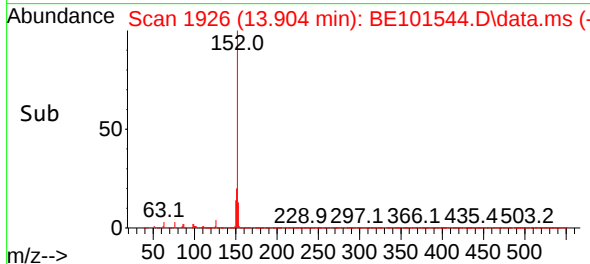
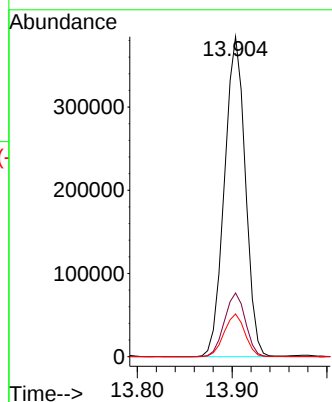
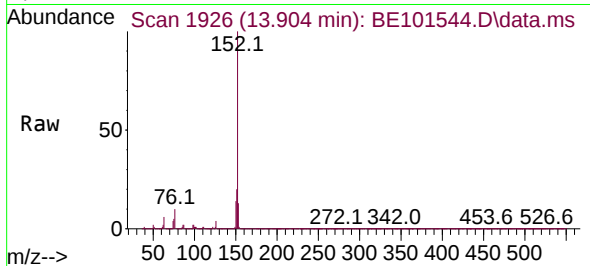
ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 588289
Ion Ratio Lower Upper
152 100
151 19.9 15.6 23.4
153 13.4 10.3 15.5

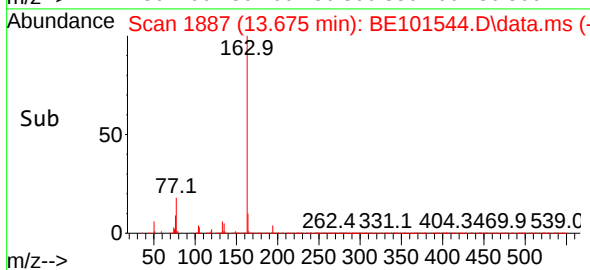
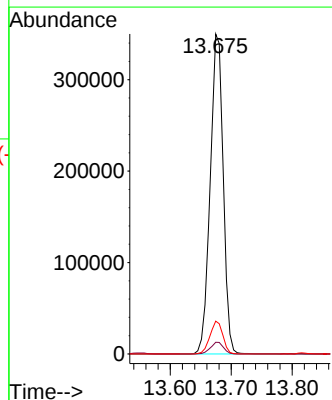
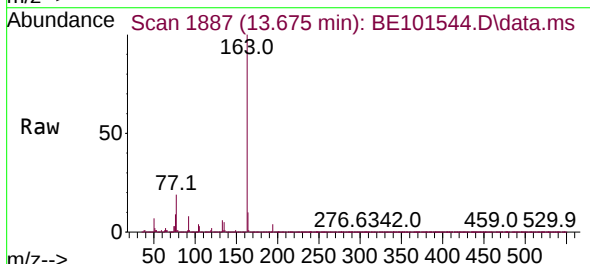
Manual Integrations
APPROVED

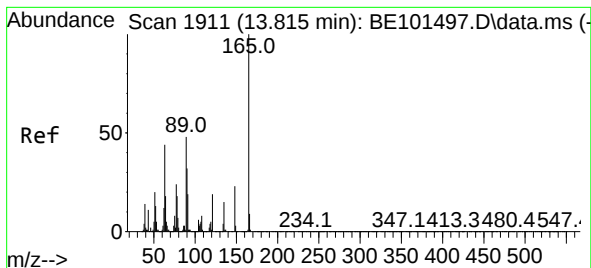
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#50
Dimethylphthalate
Concen: 40.601 ng
RT: 13.675 min Scan# 1887
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

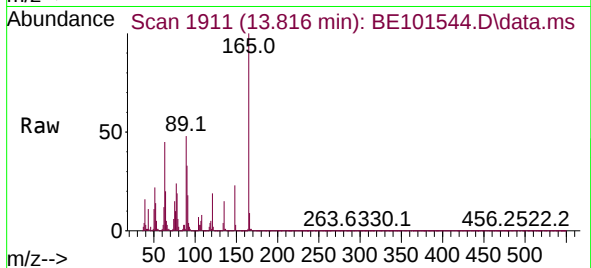
Tgt Ion:163 Resp: 519405
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 41.761 ng
RT: 13.816 min Scan# 1911
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

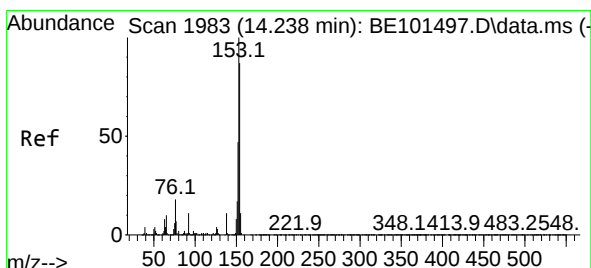
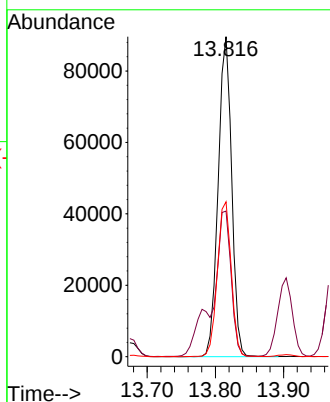
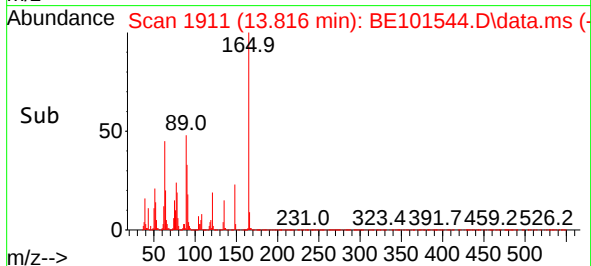
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040



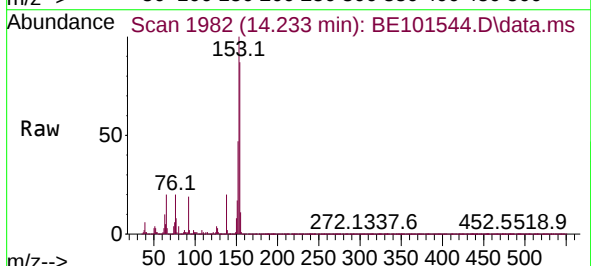
Tgt Ion:165 Resp: 123300
Ion Ratio Lower Upper
165 100
63 45.5 37.2 55.8
89 48.4 38.4 57.6

Manual Integrations
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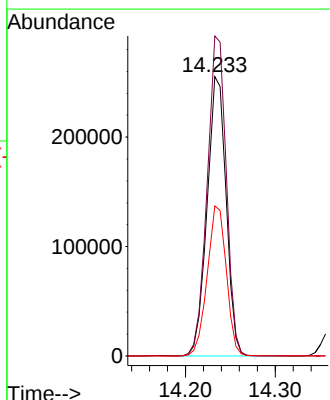
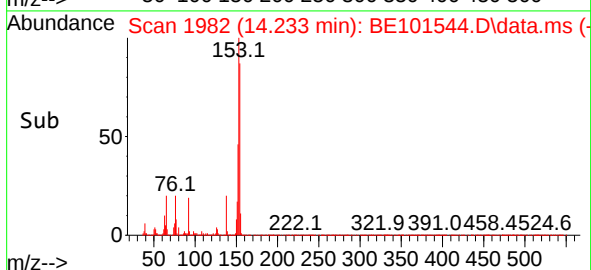
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

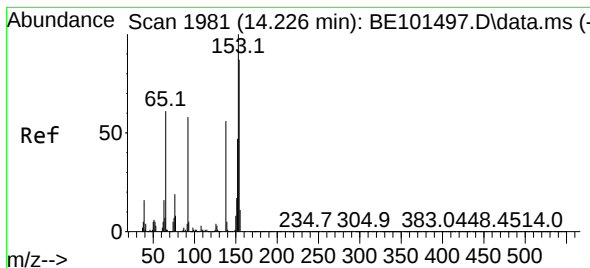


#52
Acenaphthene
Concen: 40.367 ng
RT: 14.233 min Scan# 1982
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07



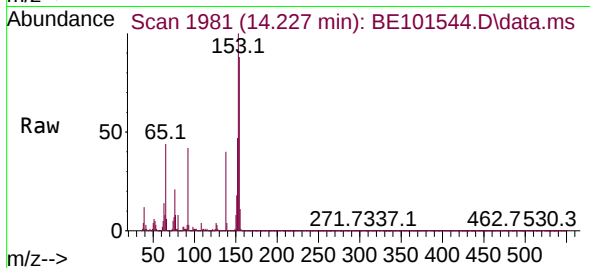
Tgt Ion:154 Resp: 375195
Ion Ratio Lower Upper
154 100
153 114.6 92.3 138.5
152 53.7 43.6 65.4





#53
3-Nitroaniline
Concen: 44.412 ng
RT: 14.227 min Scan# 1981
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

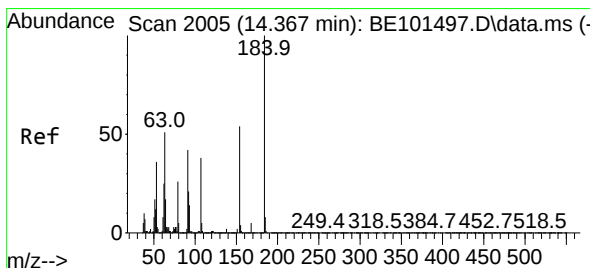
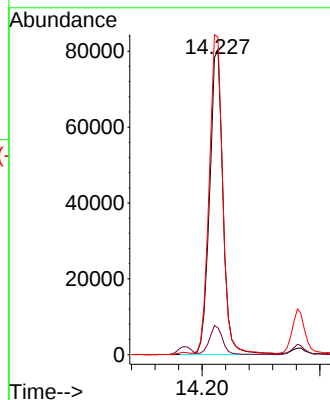
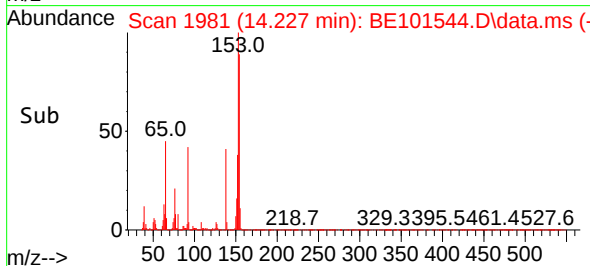
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 127300
Ion Ratio Lower Upper
138 100
108 8.8 7.2 10.8
92 104.2 83.0 124.4

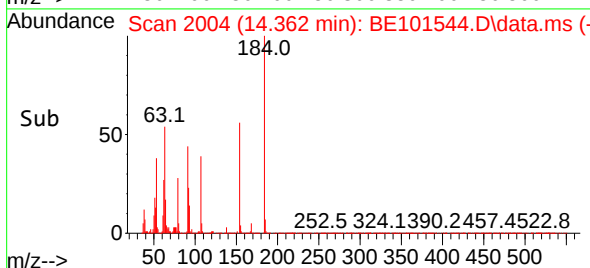
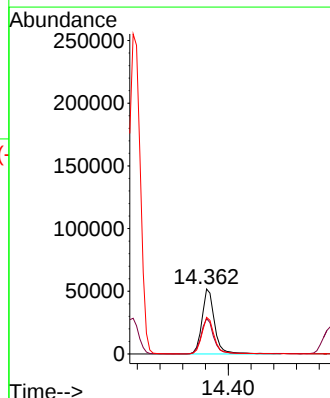
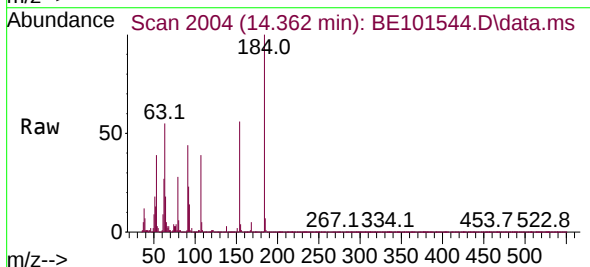
Manual Integrations
APPROVED

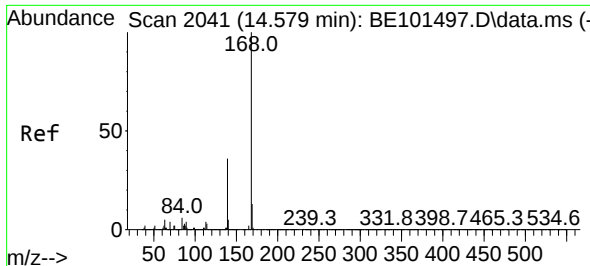
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#54
2,4-Dinitrophenol
Concen: 45.866 ng
RT: 14.362 min Scan# 2004
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

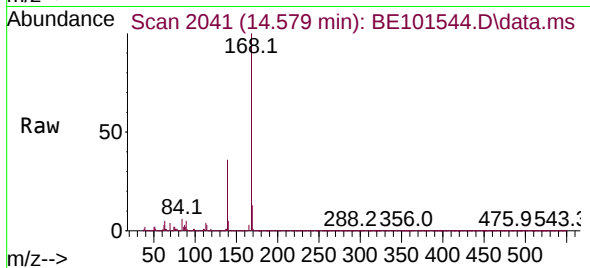
Tgt Ion:184 Resp: 79363
Ion Ratio Lower Upper
184 100
63 54.6 41.0 61.4
154 56.4 43.2 64.8





#55
Dibenzenofuran
Concen: 40.139 ng
RT: 14.579 min Scan# 2041
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

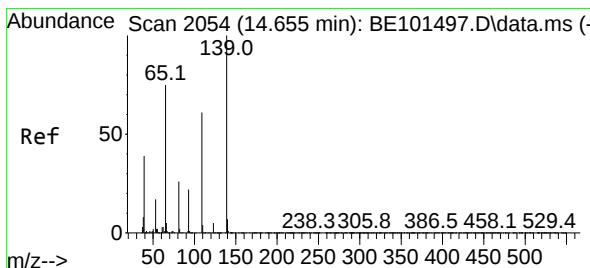
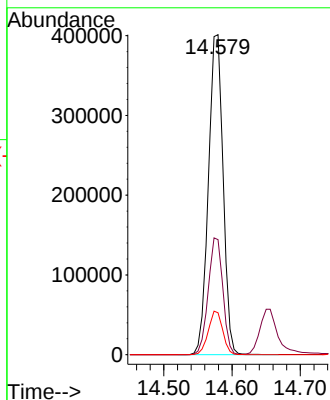
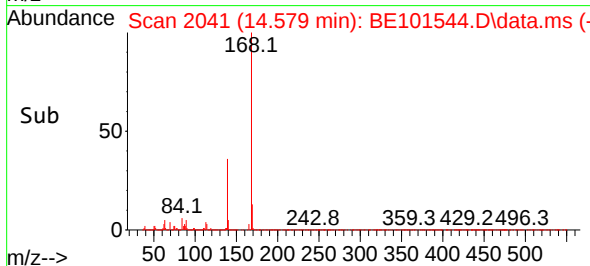
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 60077
Ion Ratio Lower Upper
168 100
139 35.9 29.1 43.7
169 13.1 10.6 16.0

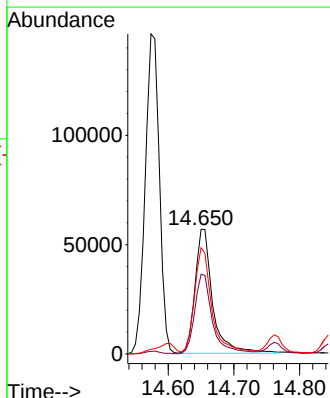
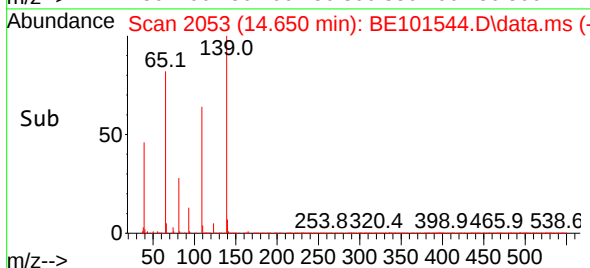
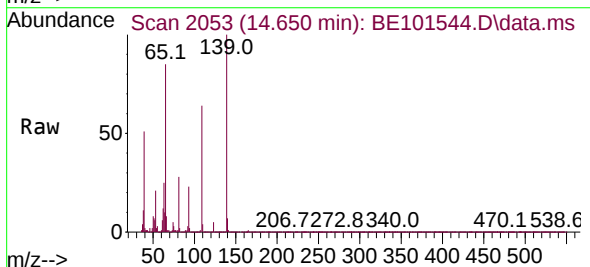
Manual Integrations
APPROVED

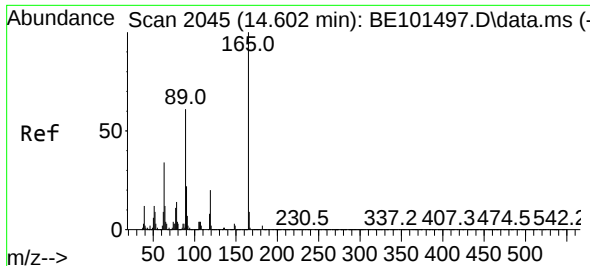
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#56
4-Nitrophenol
Concen: 44.862 ng
RT: 14.650 min Scan# 2053
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Tgt Ion:139 Resp: 106187
Ion Ratio Lower Upper
139 100
109 64.0 40.7 80.7
65 85.2 58.0 98.0





#57
2,4-Dinitrotoluene
Concen: 43.083 ng
RT: 14.603 min Scan# 2045
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Instrument :

BNA_E

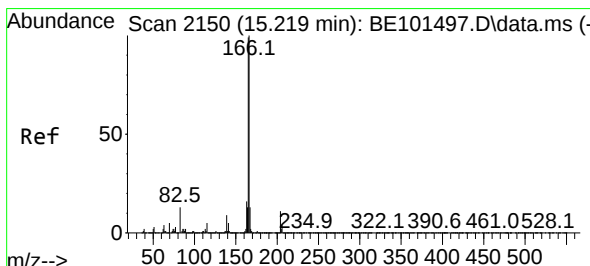
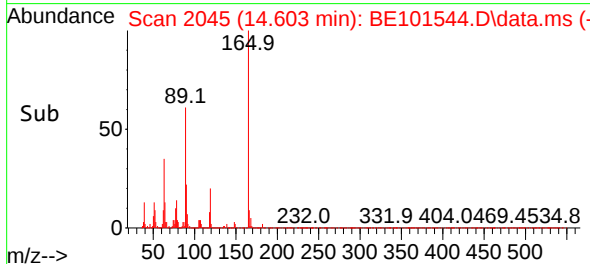
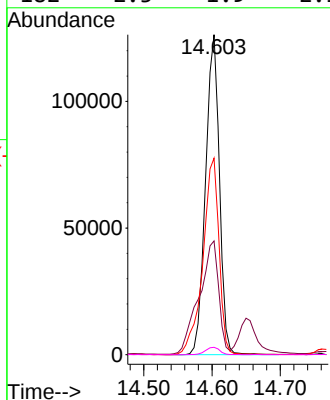
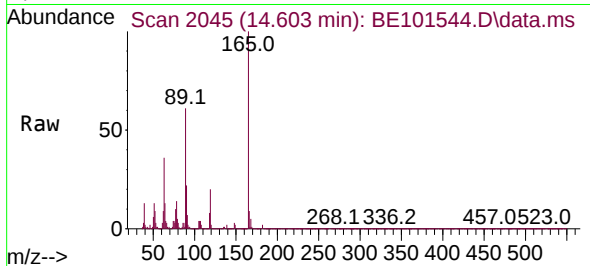
ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 178718
Ion Ratio Lower Upper
165 100
63 35.5 27.8 41.8
89 61.4 49.5 74.3
182 2.3 1.9 2.9

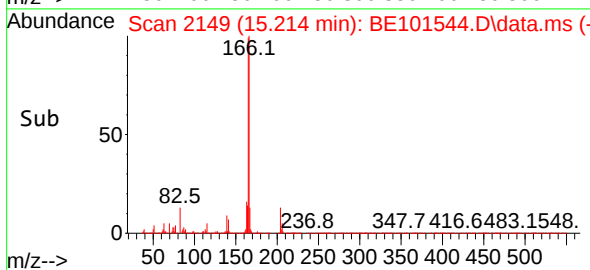
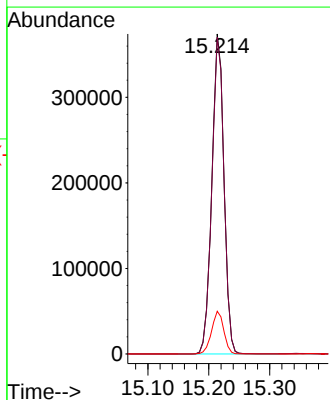
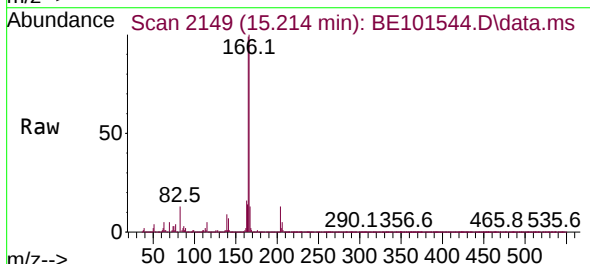
Manual Integrations
APPROVED

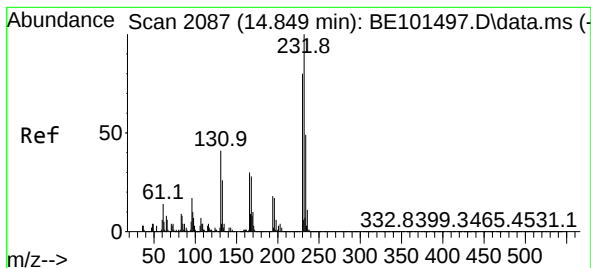
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#58
Fluorene
Concen: 41.330 ng
RT: 15.214 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

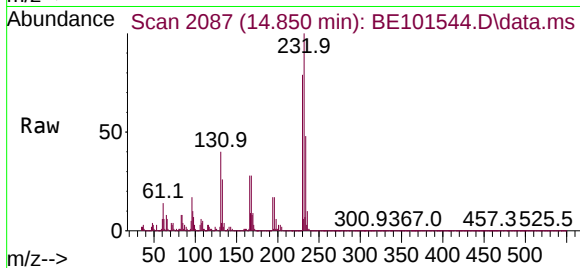
Tgt Ion:166 Resp: 516260
Ion Ratio Lower Upper
166 100
165 99.0 79.0 118.4
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.732 ng
RT: 14.850 min Scan# 2087
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

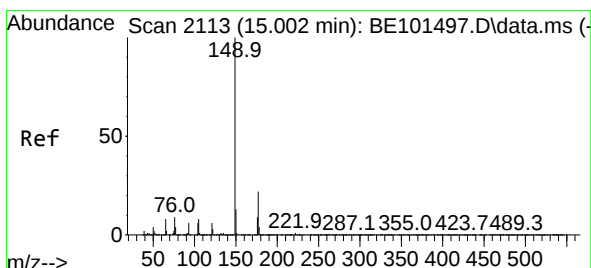
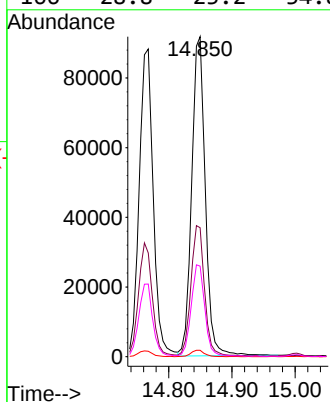
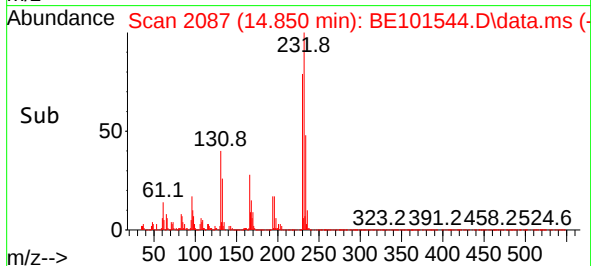
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 13658
Ion Ratio Lower Upper
232 100
131 41.1 32.2 48.4
130 2.0 1.5 2.3
166 28.8 23.2 34.8

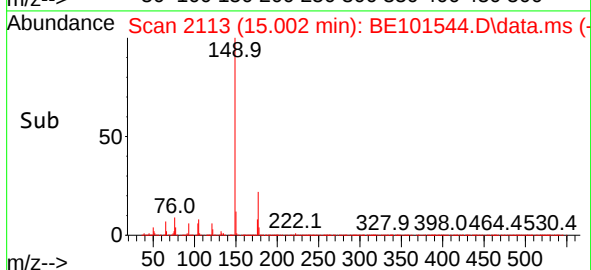
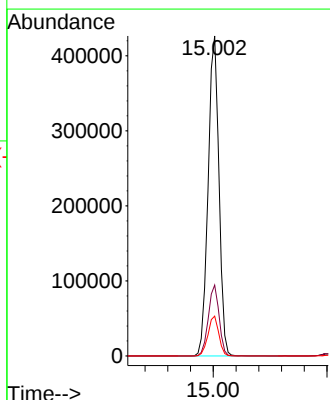
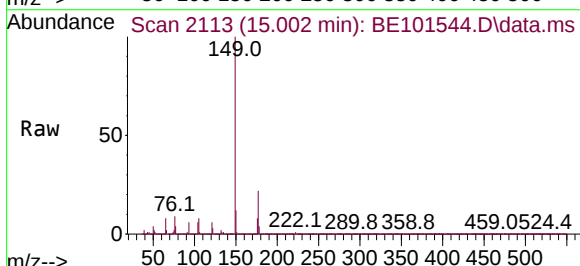
Manual Integrations
APPROVED

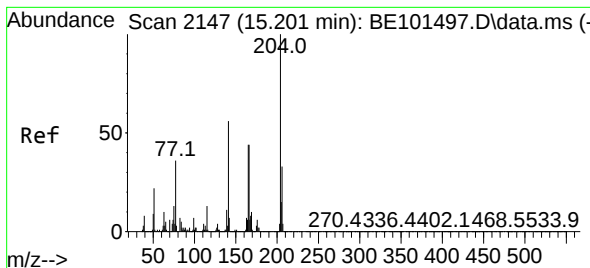
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#60
Diethylphthalate
Concen: 41.509 ng
RT: 15.002 min Scan# 2113
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Tgt Ion:149 Resp: 559909
Ion Ratio Lower Upper
149 100
177 22.2 17.9 26.9
150 12.4 10.0 15.0





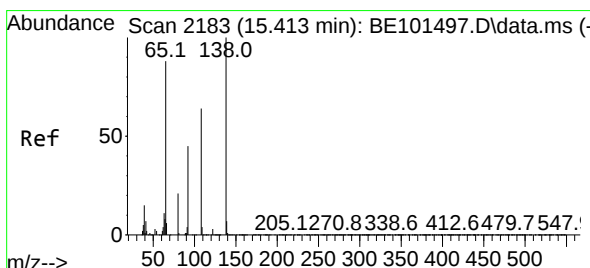
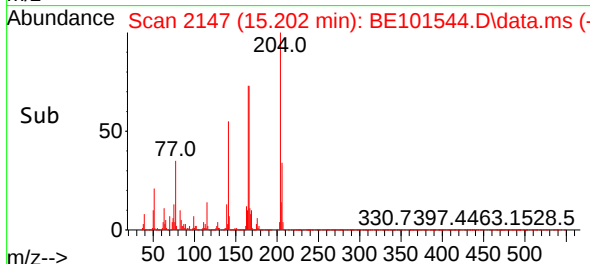
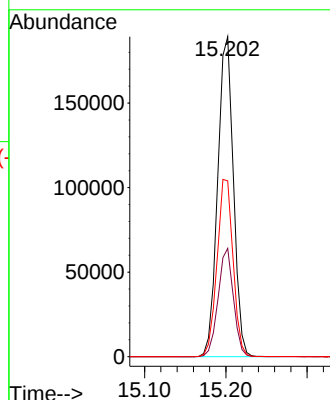
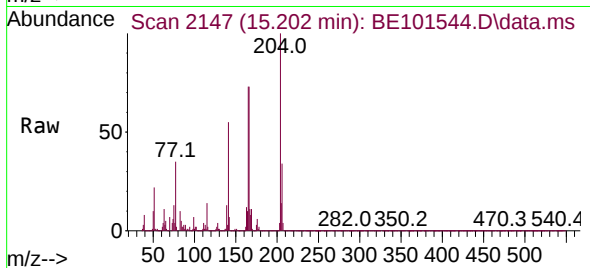
#61
4-Chlorophenyl-phenylether
Concen: 40.196 ng
RT: 15.202 min Scan# 2147
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 254962
Ion Ratio Lower Upper
204 100
206 33.9 26.7 40.1
141 55.0 44.8 67.2

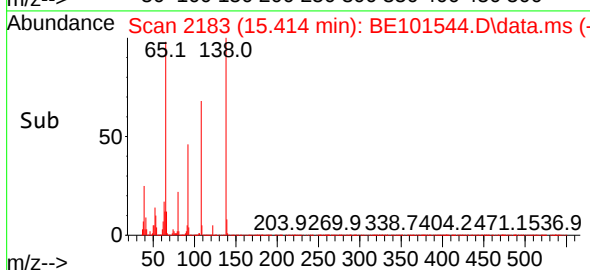
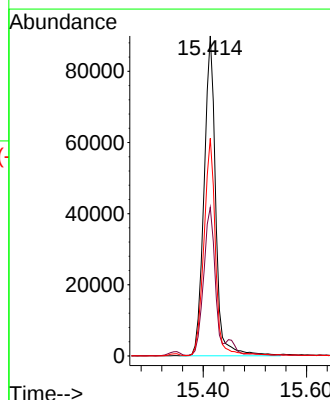
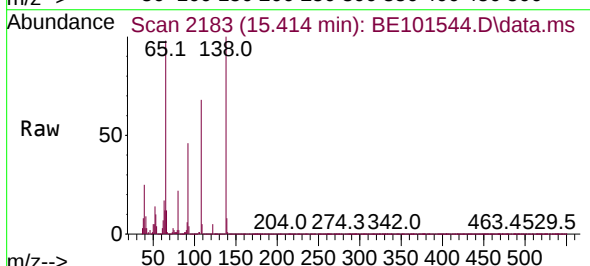
Manual Integrations
APPROVED

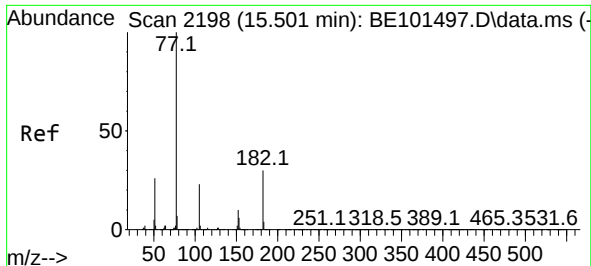
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#62
4-Nitroaniline
Concen: 45.566 ng
RT: 15.414 min Scan# 2183
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

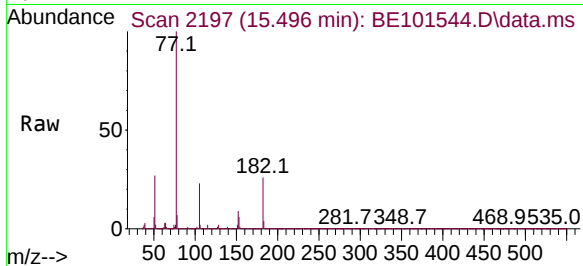
Tgt Ion:138 Resp: 140722
Ion Ratio Lower Upper
138 100
92 46.5 25.7 65.7
108 68.0 44.4 84.4





#63
Azobenzene
Concen: 42.904 ng
RT: 15.496 min Scan# 2198
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

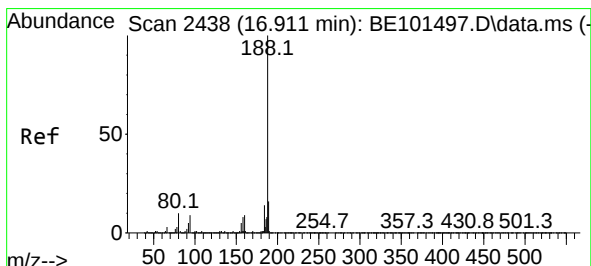
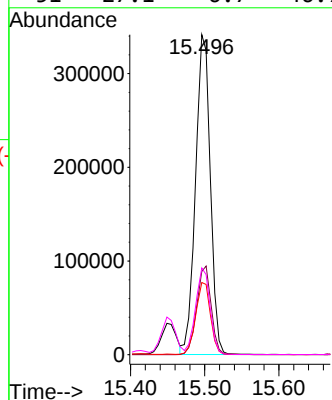
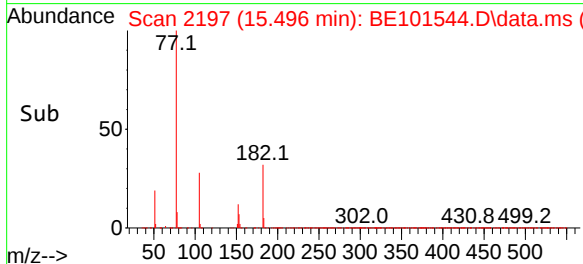
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040



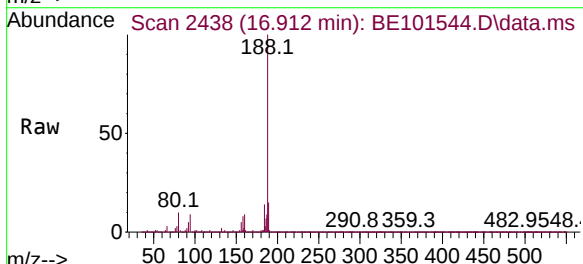
Tgt Ion: 77 Resp: 472139
Ion Ratio Lower Upper
77 100
182 26.0 9.1 49.1
105 22.5 3.2 43.2
51 27.1 6.7 46.7

Manual Integrations
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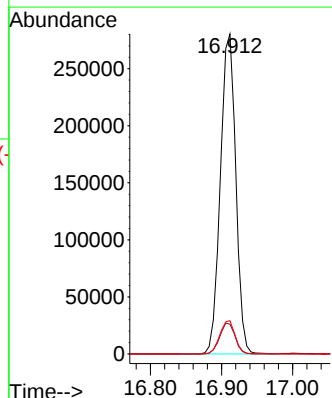
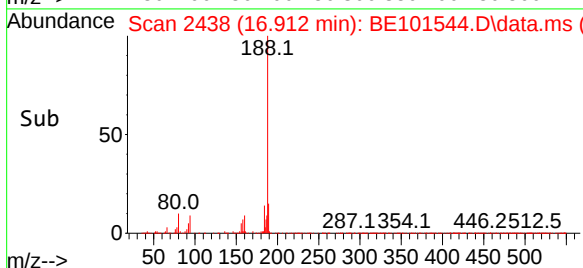
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

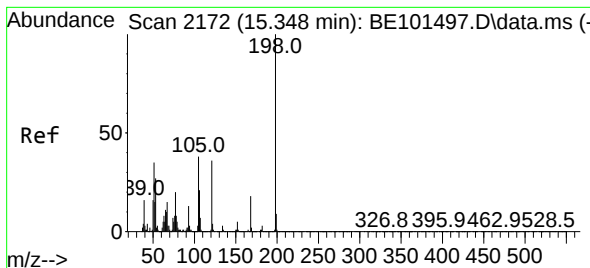


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.912 min Scan# 2438
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07



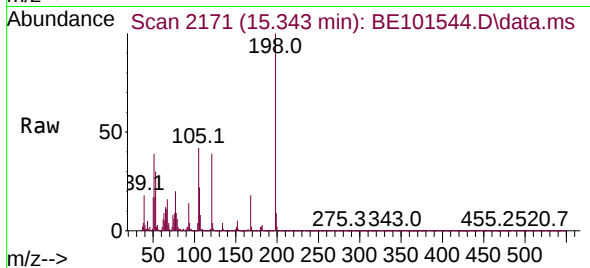
Tgt Ion:188 Resp: 420948
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.4 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 44.402 ng
RT: 15.343 min Scan# 2172
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

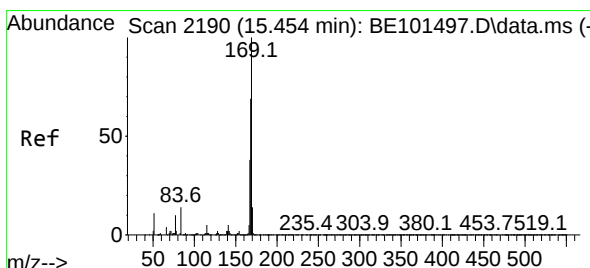
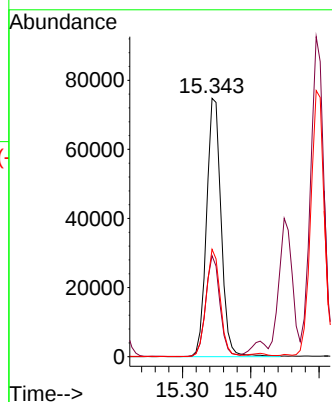
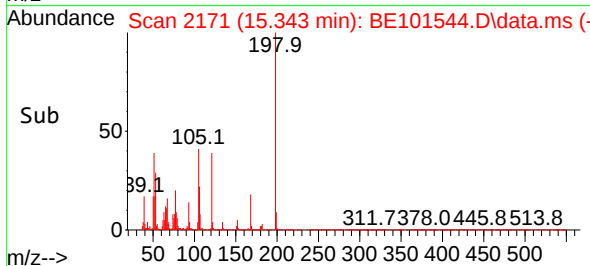
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040



Tgt Ion:198 Resp: 110950
Ion Ratio Lower Upper
198 100
51 39.1 15.3 55.3
105 41.5 18.5 58.5

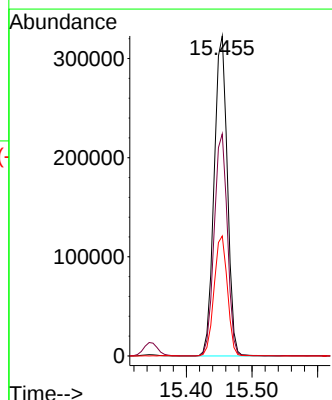
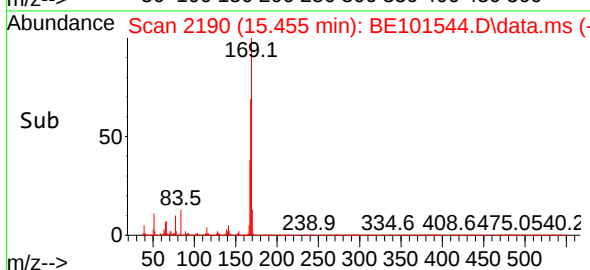
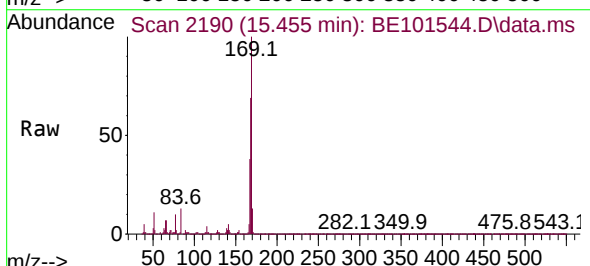
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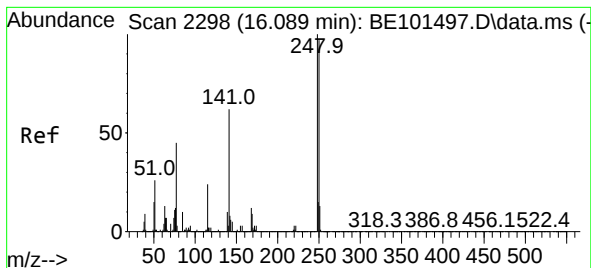
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#66
n-Nitrosodiphenylamine
Concen: 40.398 ng
RT: 15.455 min Scan# 2190
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

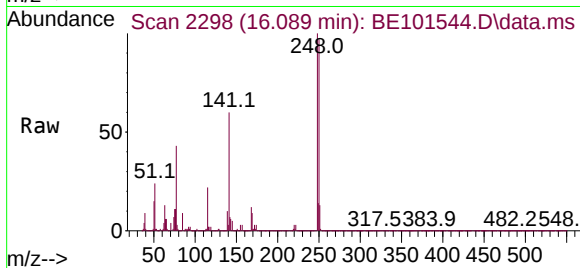
Tgt Ion:169 Resp: 451302
Ion Ratio Lower Upper
169 100
168 69.4 55.5 83.3
167 37.5 30.4 45.6





#67
4-Bromophenyl-phenylether
Concen: 38.878 ng
RT: 16.089 min Scan# 21
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

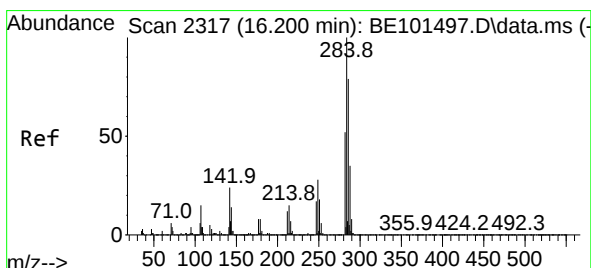
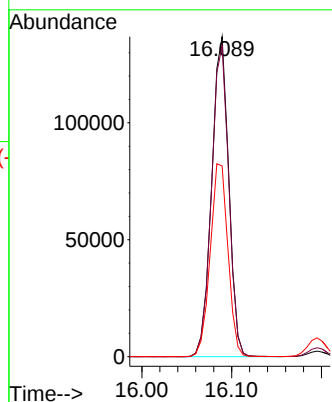
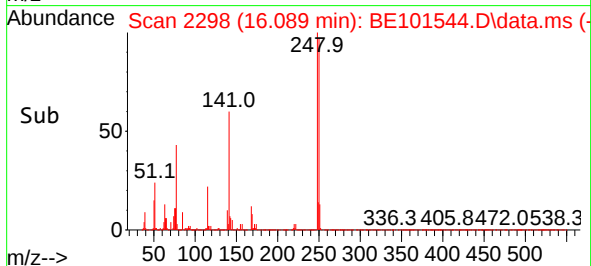
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 180499
Ion Ratio Lower Upper
248 100
250 97.1 78.0 117.0
141 59.6 50.0 75.0

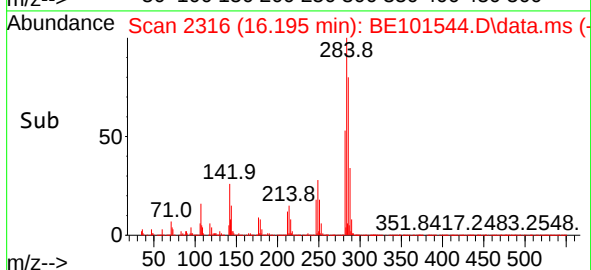
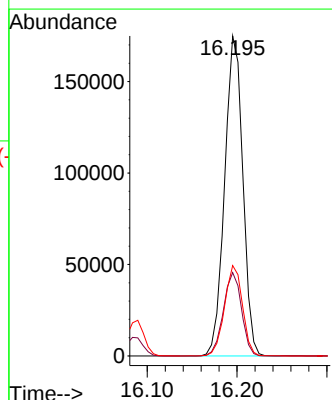
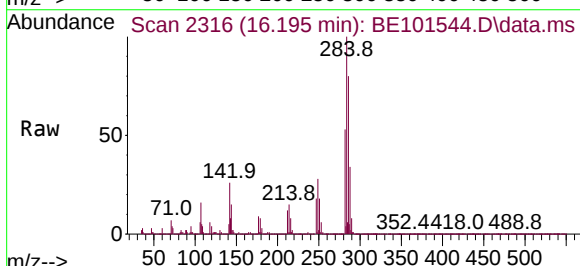
Manual Integrations
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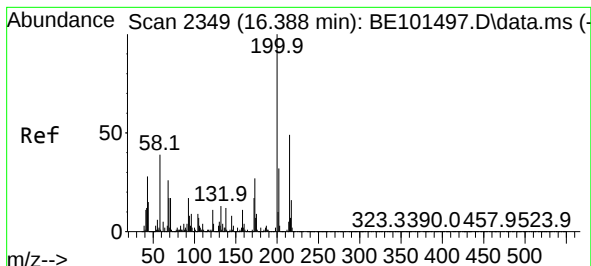
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#68
Hexachlorobenzene
Concen: 40.211 ng
RT: 16.195 min Scan# 2316
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Tgt Ion:284 Resp: 245701
Ion Ratio Lower Upper
284 100
142 26.1 19.4 29.2
249 28.2 22.4 33.6





#69

Atrazine

Concen: 42.956 ng

RT: 16.389 min Scan# 21

Delta R.T. 0.001 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 141670

Ion Ratio Lower Upper

200 100

173 26.6 7.4 47.4

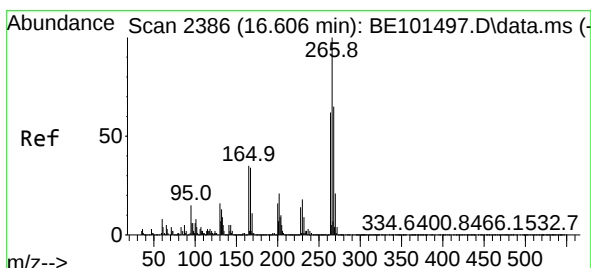
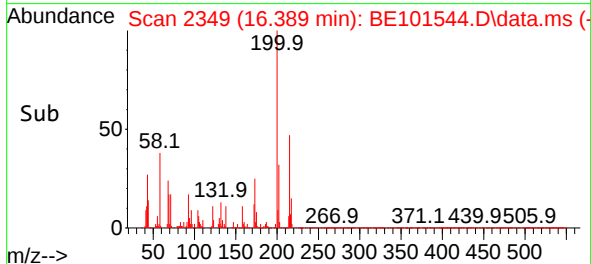
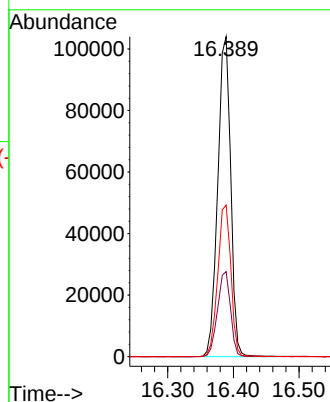
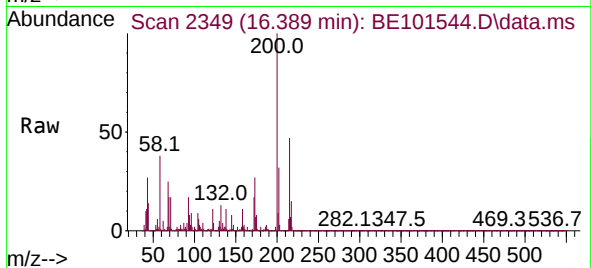
215 47.3 28.9 68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#70

Pentachlorophenol

Concen: 42.583 ng

RT: 16.606 min Scan# 2386

Delta R.T. 0.001 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

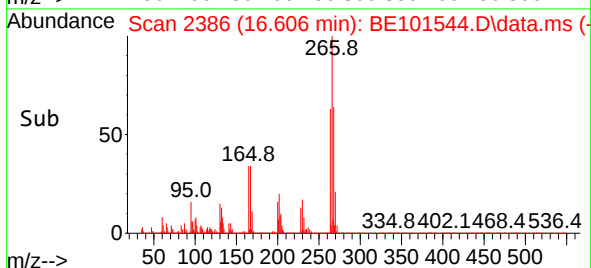
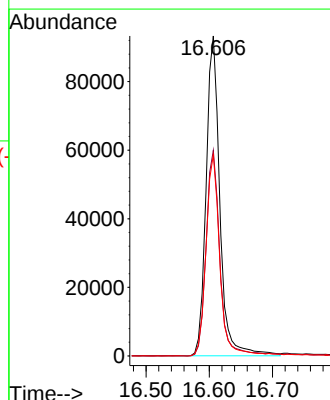
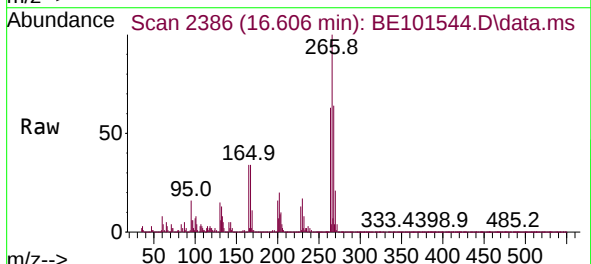
Tgt Ion:266 Resp: 141175

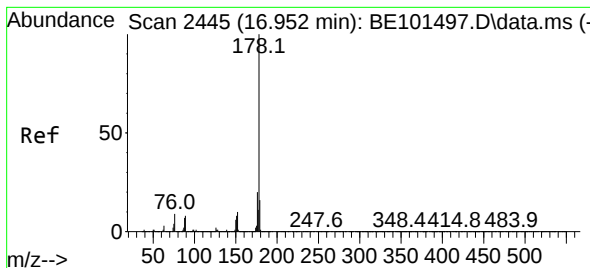
Ion Ratio Lower Upper

266 100

268 64.2 52.0 78.0

264 62.9 49.6 74.4





#71

Phenanthrene

Concen: 40.216 ng

RT: 16.953 min Scan# 2445

Delta R.T. 0.001 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

Instrument :

BNL_E

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 823360

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

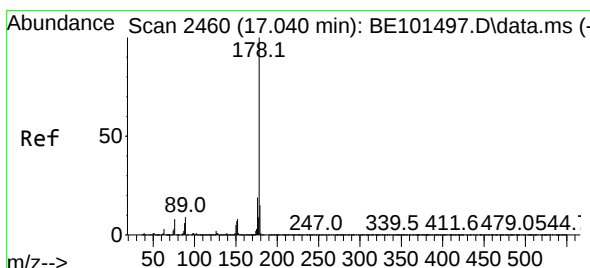
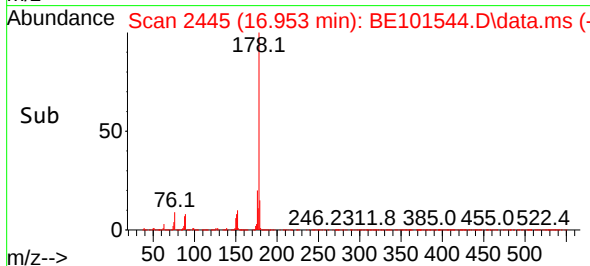
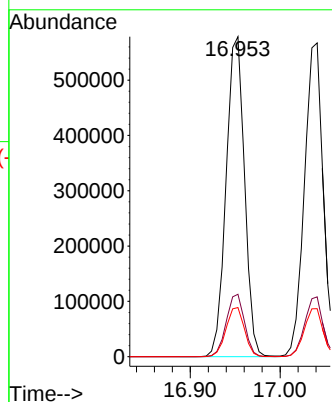
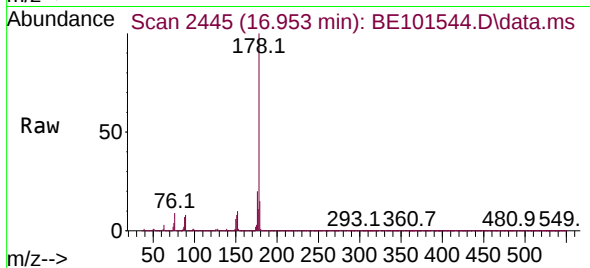
179 15.3 12.6 19.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#72

Anthracene

Concen: 40.718 ng

RT: 17.041 min Scan# 2460

Delta R.T. 0.001 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

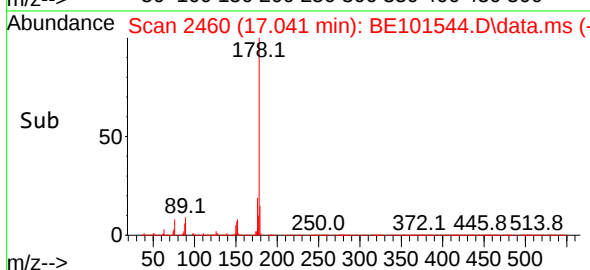
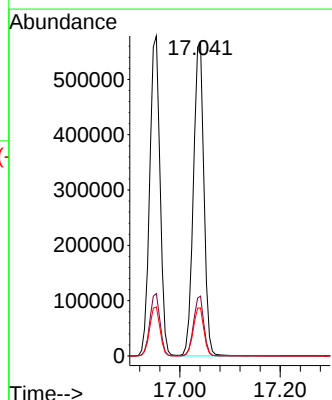
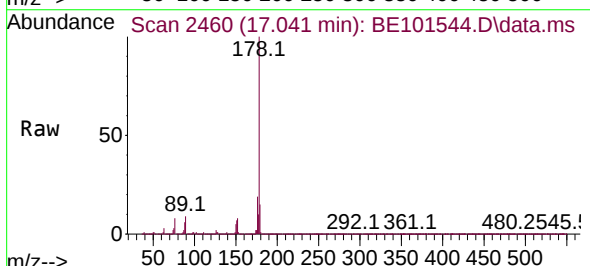
Tgt Ion:178 Resp: 823243

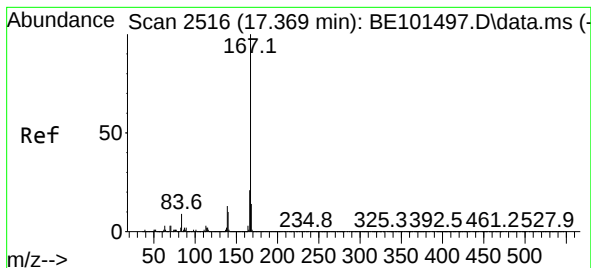
Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

179 15.3 12.4 18.6





#73

Carbazole

Concen: 40.633 ng

RT: 17.370 min Scan# 2516

Delta R.T. 0.001 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

Instrument :

BNA_E

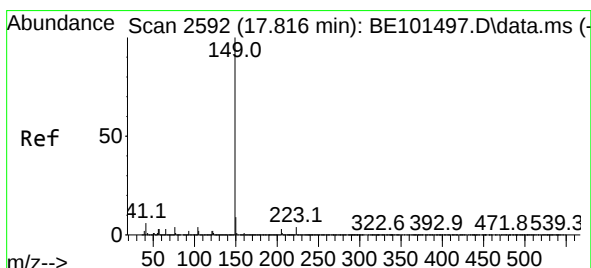
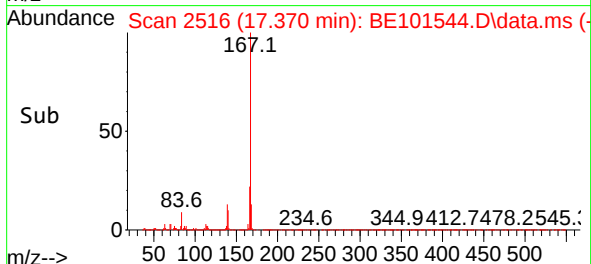
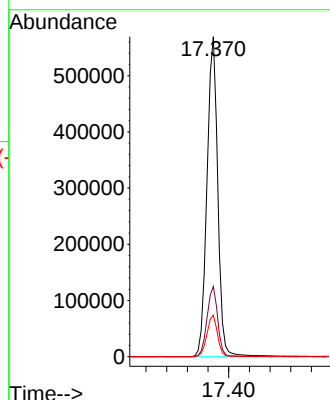
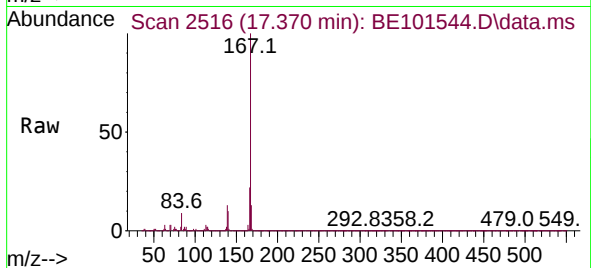
ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 823854
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.1 25.7
 139 12.9 10.2 15.2

Manual Integrations
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Reviewed By :Yogesh Patel 11/10/2024
 Supervised By :mohammad ahmed 11/11/2024



#74

Di-n-butylphthalate

Concen: 40.401 ng

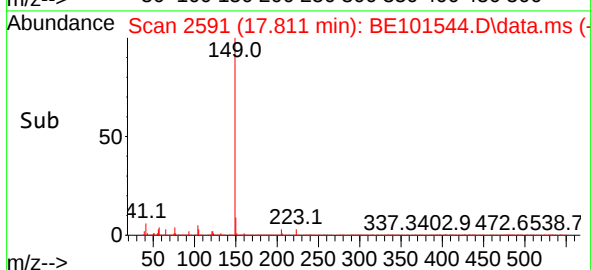
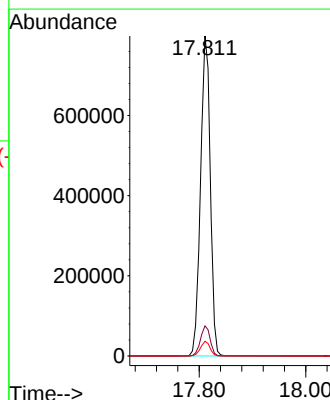
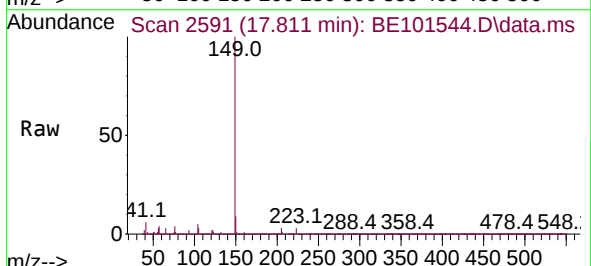
RT: 17.811 min Scan# 2591

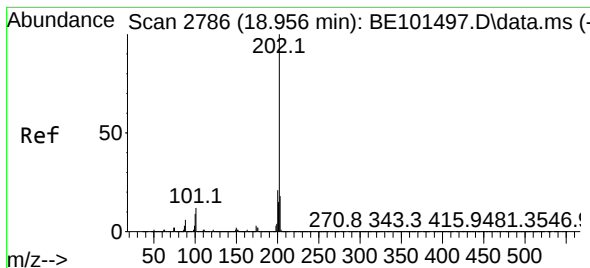
Delta R.T. -0.005 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

Tgt Ion:149 Resp: 1011598
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.6 3.4 5.2





#75

Fluoranthene

Concen: 40.062 ng

RT: 18.957 min Scan# 21

Delta R.T. 0.001 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 105163

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.7

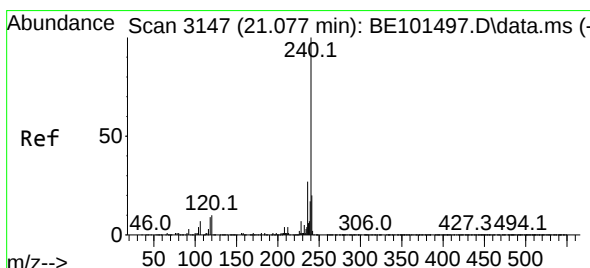
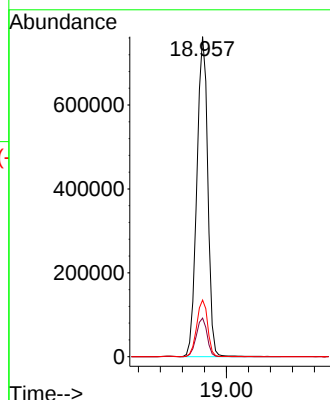
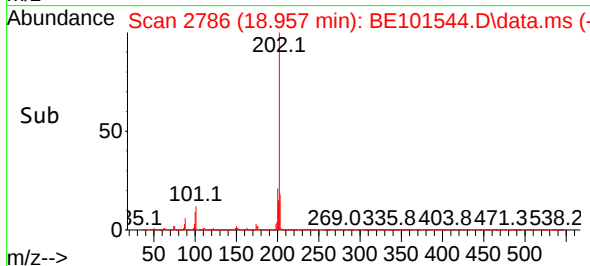
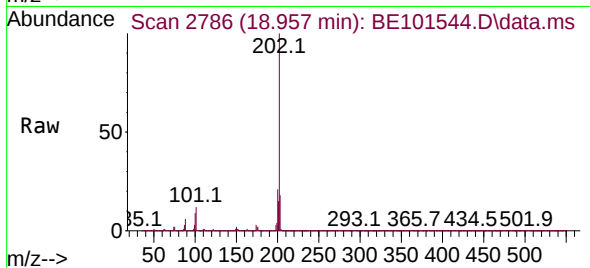
203 17.7 0.0 37.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.072 min Scan# 3146

Delta R.T. -0.005 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

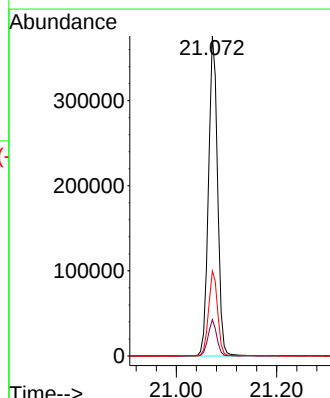
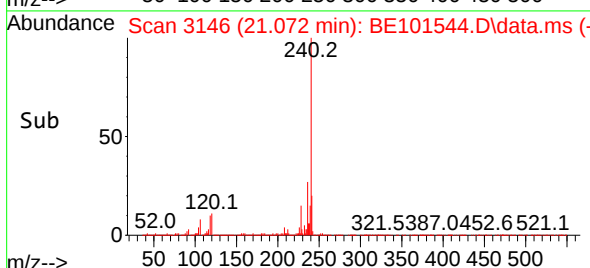
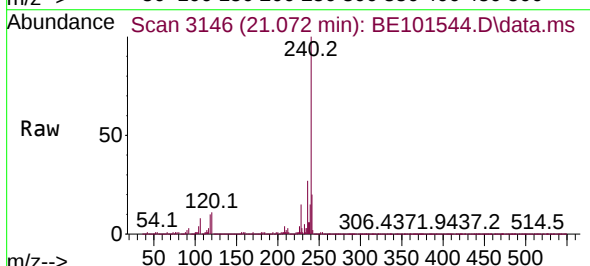
Tgt Ion:240 Resp: 472751

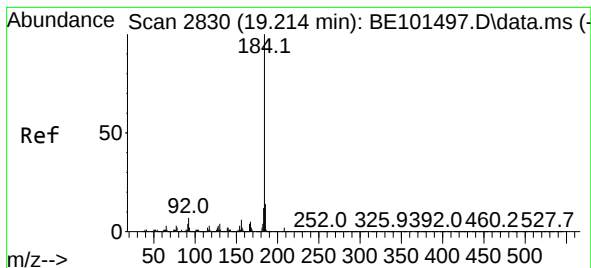
Ion Ratio Lower Upper

240 100

120 11.4 8.2 12.4

236 26.5 21.4 32.2





#77

Benzidine

Concen: 38.785 ng

RT: 19.209 min Scan# 2829

Delta R.T. -0.005 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

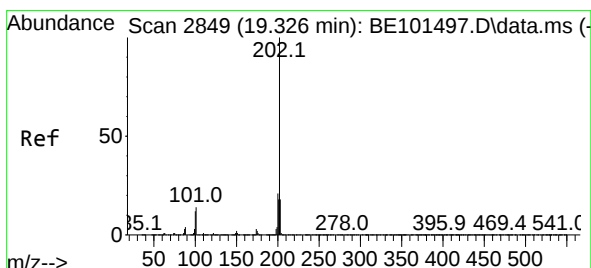
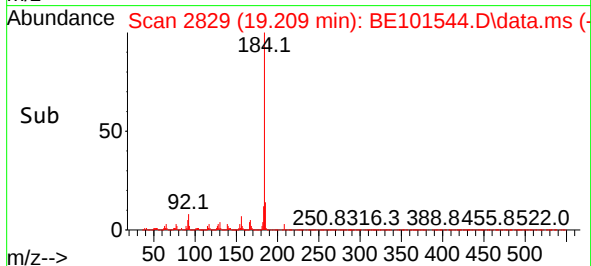
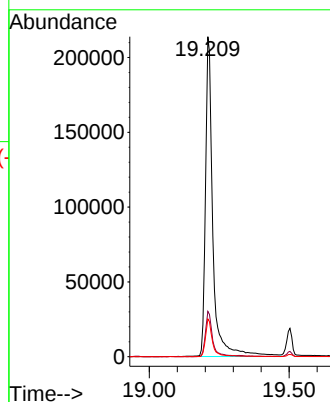
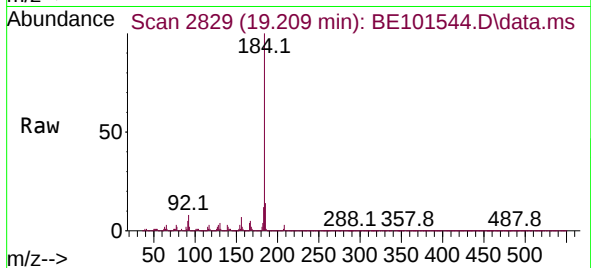
Tgt Ion:184 Resp: 393870
 Ion Ratio Lower Upper
 184 100
 185 14.1 11.2 16.8
 183 11.8 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#78

Pyrene

Concen: 41.238 ng

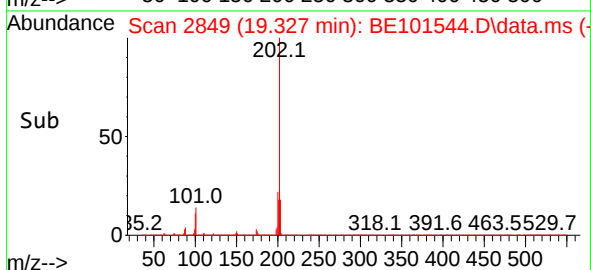
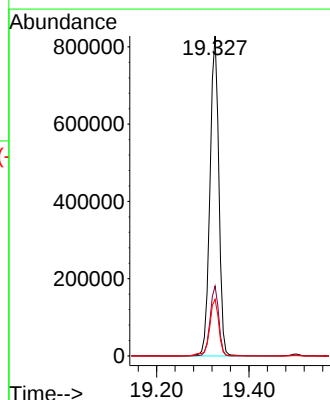
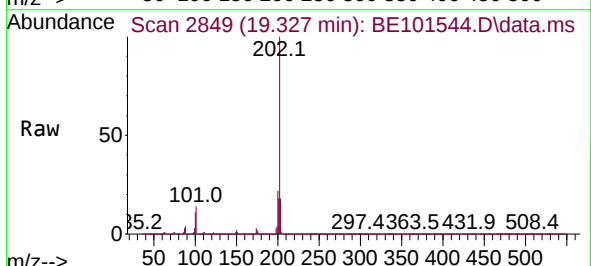
RT: 19.327 min Scan# 2849

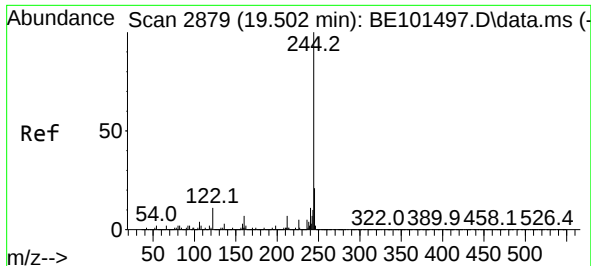
Delta R.T. 0.001 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

Tgt Ion:202 Resp: 1109254
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.2 25.8
 203 17.7 14.2 21.4





#79
 Terphenyl-d14
 Concen: 83.703 ng
 RT: 19.503 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BE101544.D
 Acq: 8 Nov 2024 10:07

Instrument :

BNA_E

ClientSampleId :

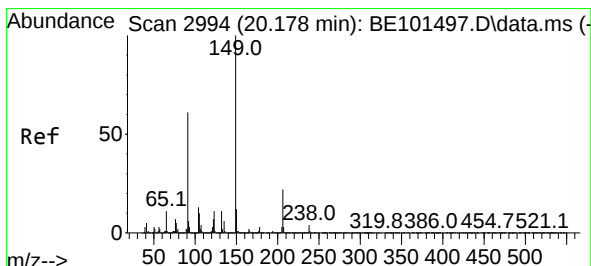
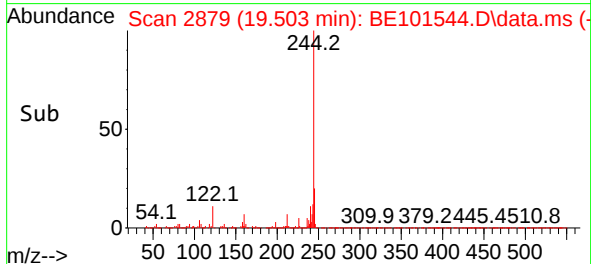
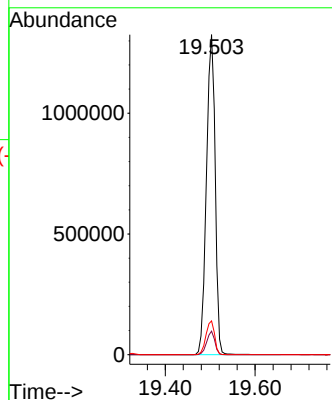
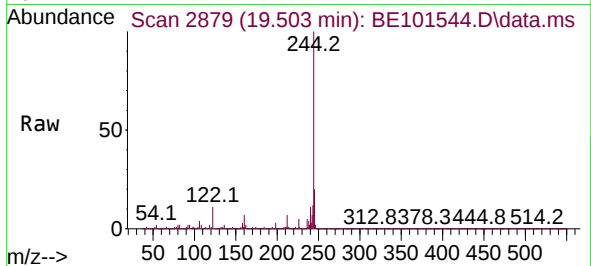
SSTDCCC040

Tgt Ion:244 Resp: 1787654
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.6 8.4 12.6

Manual Integrations

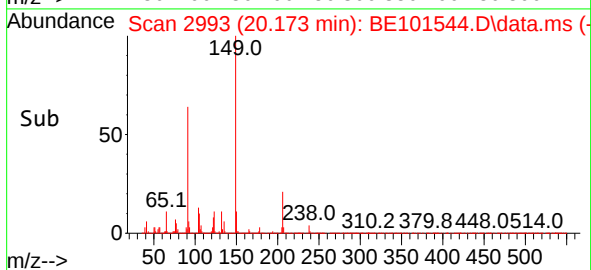
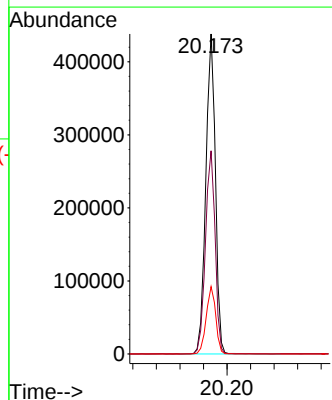
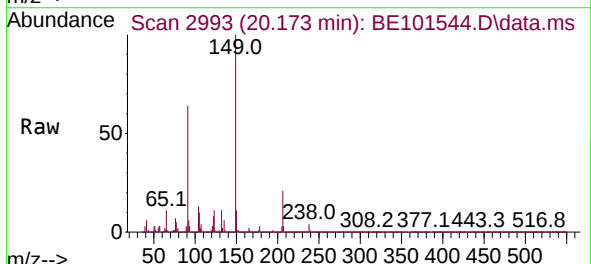
APPROVED

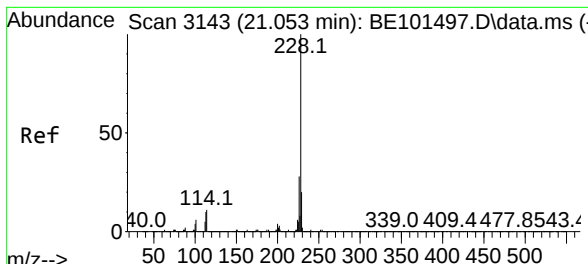
Reviewed By :Yogesh Patel 11/10/2024
 Supervised By :mohammad ahmed 11/11/2024



#80
 Butylbenzylphthalate
 Concen: 40.778 ng
 RT: 20.173 min Scan# 2993
 Delta R.T. -0.005 min
 Lab File: BE101544.D
 Acq: 8 Nov 2024 10:07

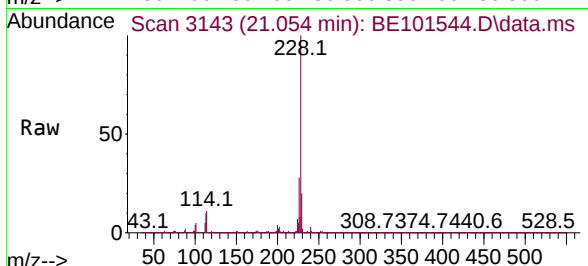
Tgt Ion:149 Resp: 492931
 Ion Ratio Lower Upper
 149 100
 91 63.5 49.2 73.8
 206 21.1 17.4 26.2





#81
Benzo(a)anthracene
Concen: 40.986 ng
RT: 21.054 min Scan# 3143
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

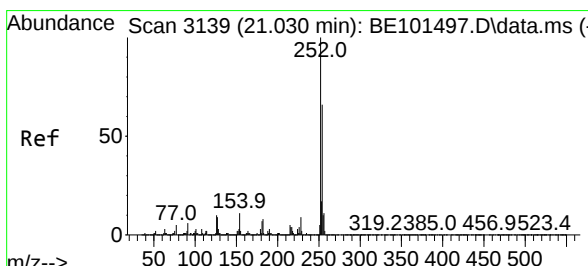
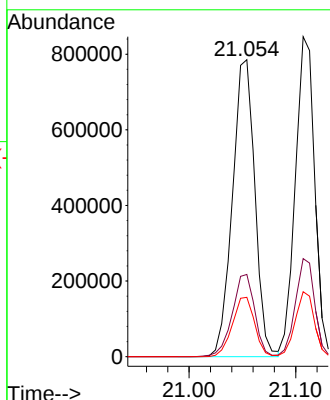
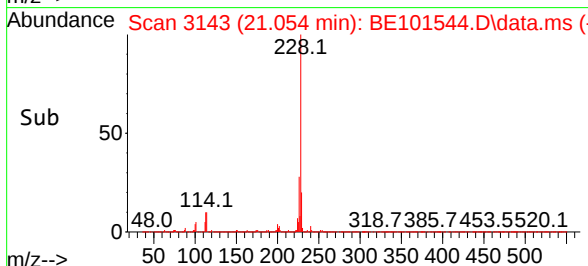
Instrument : BNA_E
ClientSampleId : SSTDCCC040



Tgt Ion:228 Resp: 1150750
Ion Ratio Lower Upper
228 100
226 27.7 22.4 33.6
229 20.0 16.1 24.1

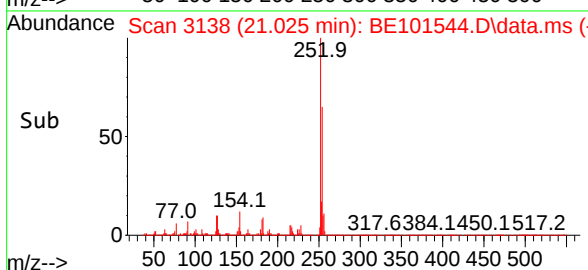
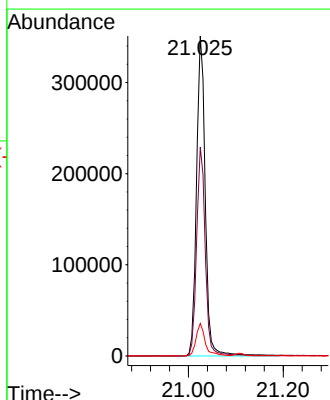
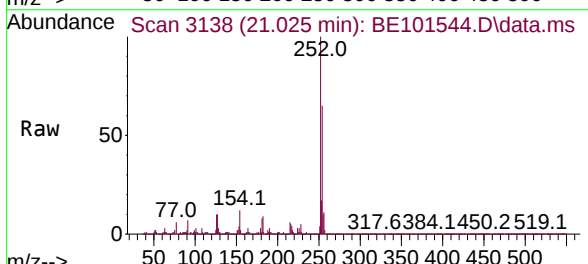
Manual Integrations
APPROVED

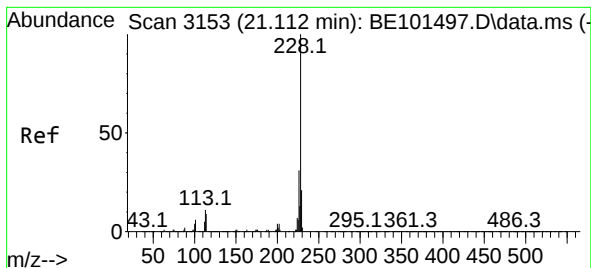
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#82
3,3'-Dichlorobenzidine
Concen: 40.702 ng
RT: 21.025 min Scan# 3138
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Tgt Ion:252 Resp: 449864
Ion Ratio Lower Upper
252 100
254 65.3 52.9 79.3
126 10.1 7.8 11.6





#83

Chrysene

Concen: 40.336 ng

RT: 21.107 min Scan# 3153

Delta R.T. -0.005 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 107646

Ion Ratio Lower Upper

228 100

226 30.7 25.1 37.7

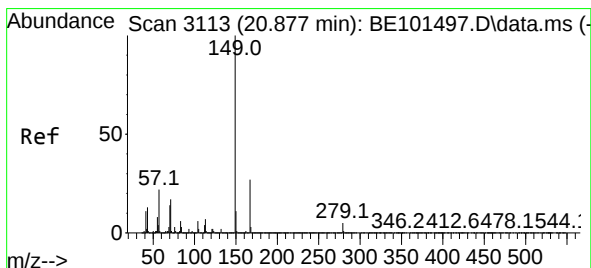
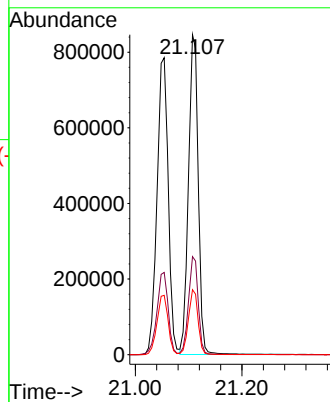
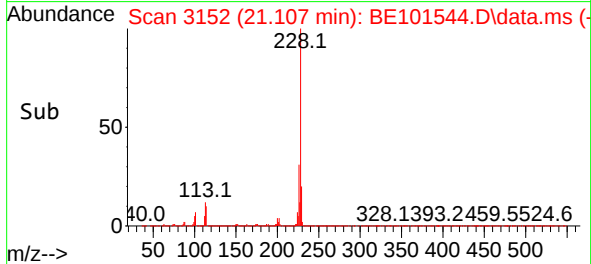
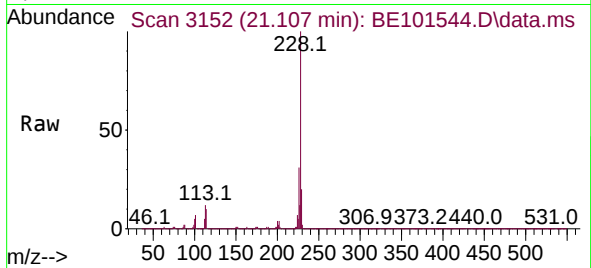
229 20.3 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.484 ng

RT: 20.872 min Scan# 3112

Delta R.T. -0.005 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

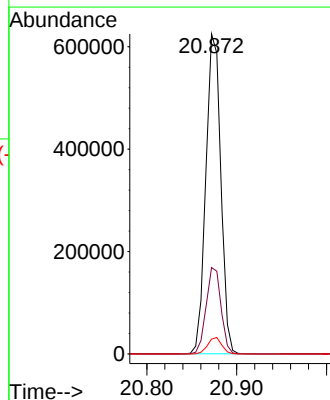
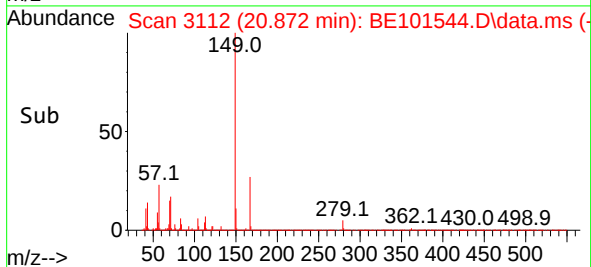
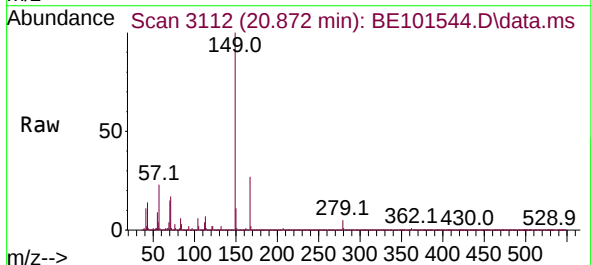
Tgt Ion:149 Resp: 721606

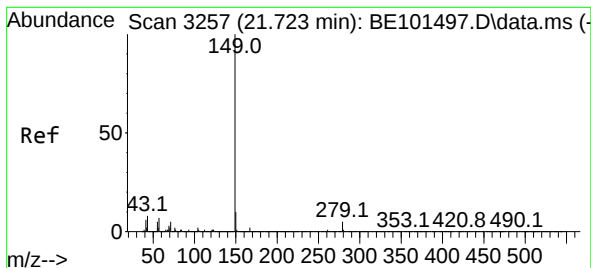
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.6

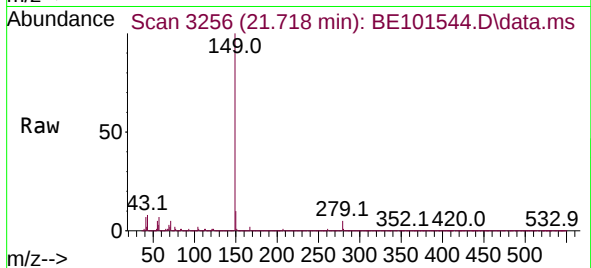
279 4.7 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 39.714 ng
RT: 21.718 min Scan# 31
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

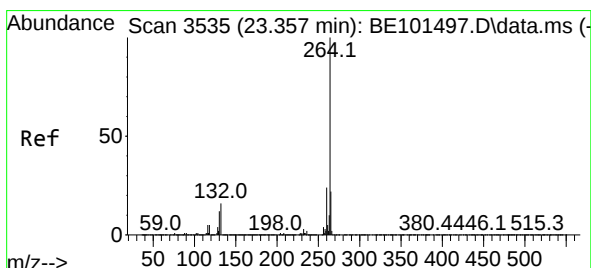
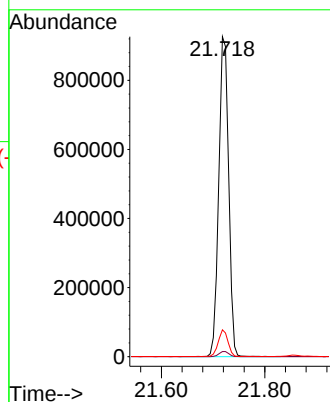
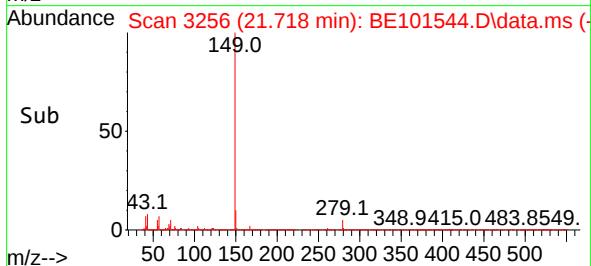
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 122790
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.2 6.2 9.2

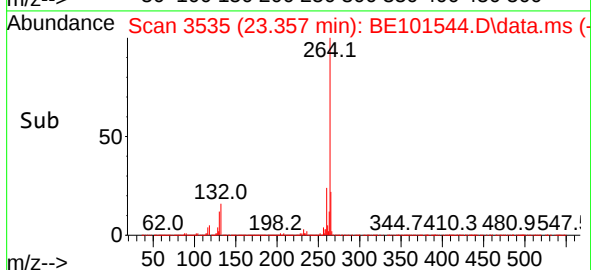
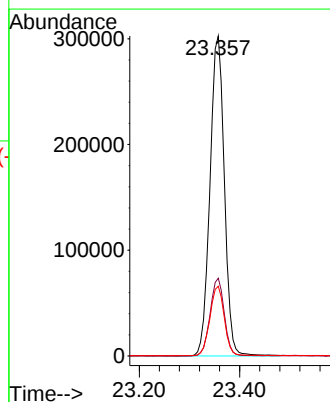
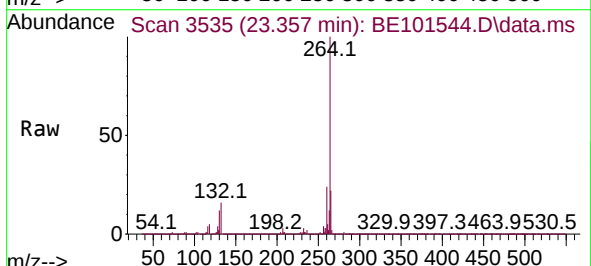
Manual Integrations
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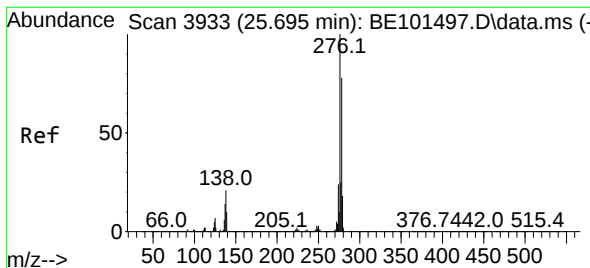
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.357 min Scan# 3535
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Tgt Ion:264 Resp: 602462
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 21.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.238 ng

RT: 25.690 min Scan# 3933

Delta R.T. -0.005 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 166589

Ion Ratio Lower Upper

276 100

138 21.8 17.0 25.6

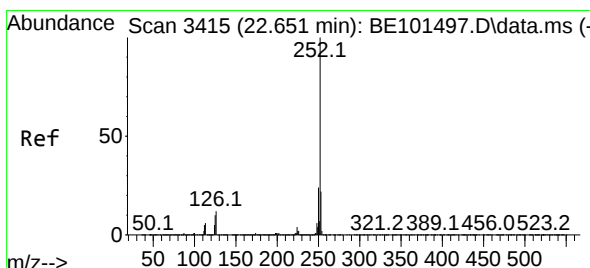
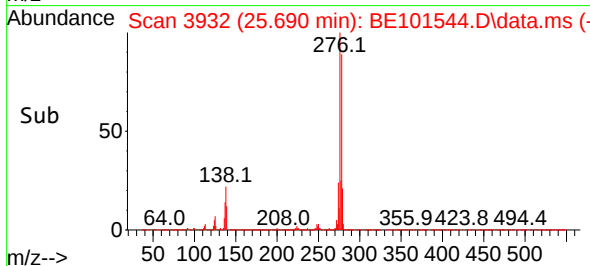
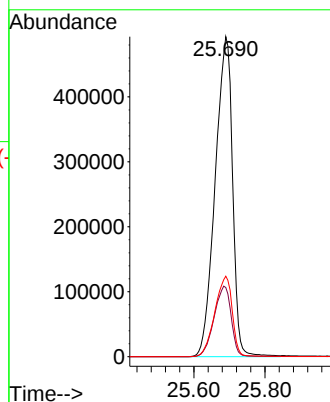
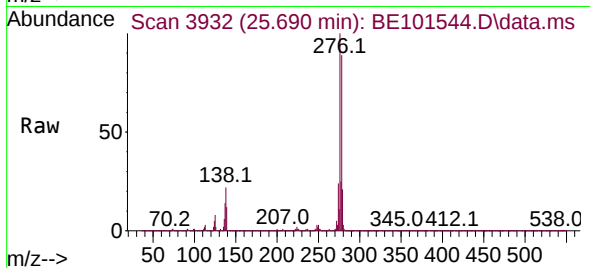
277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#88

Benzo(b)fluoranthene

Concen: 39.233 ng

RT: 22.652 min Scan# 3415

Delta R.T. 0.001 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

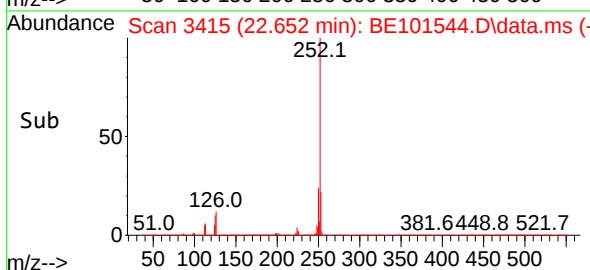
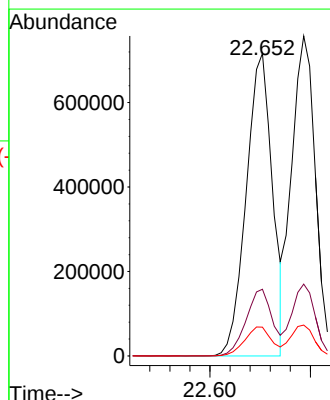
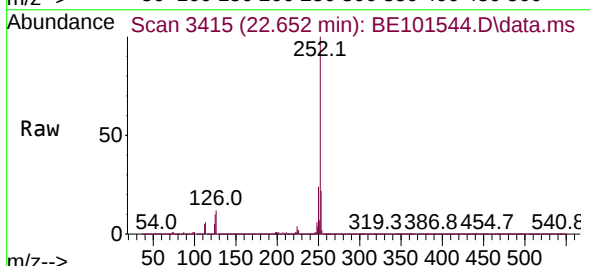
Tgt Ion:252 Resp: 1296785

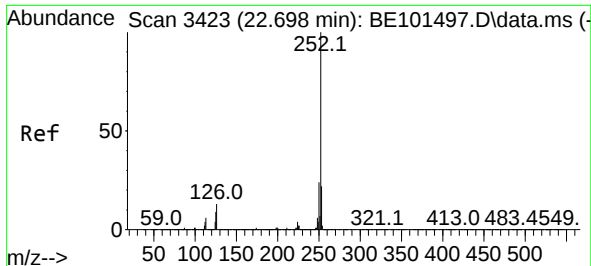
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

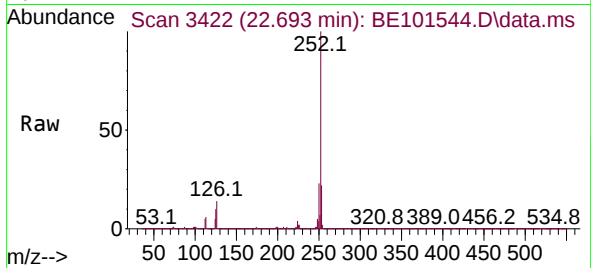
125 9.5 7.8 11.8





#89
Benzo(k)fluoranthene
Concen: 41.834 ng
RT: 22.693 min Scan# 3423
Delta R.T. -0.005 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

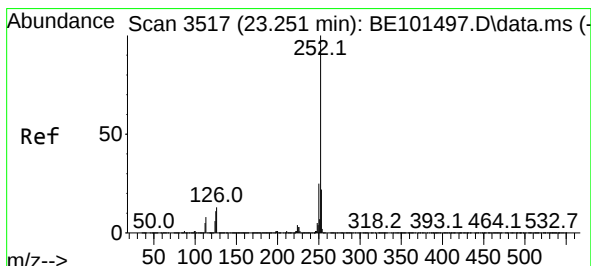
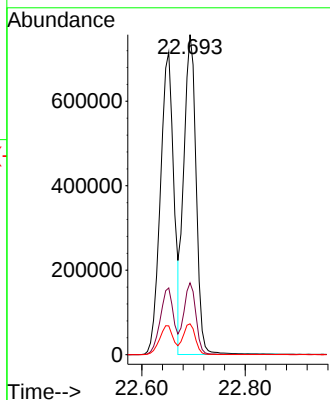
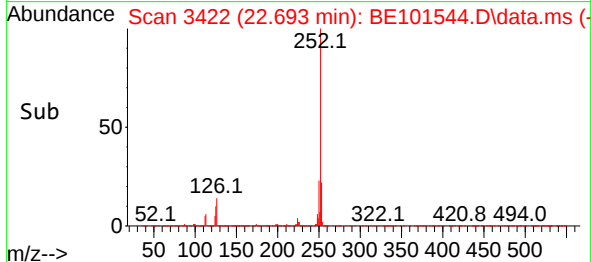
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040



Tgt Ion:252 Resp: 125524
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 9.6 7.7 11.5

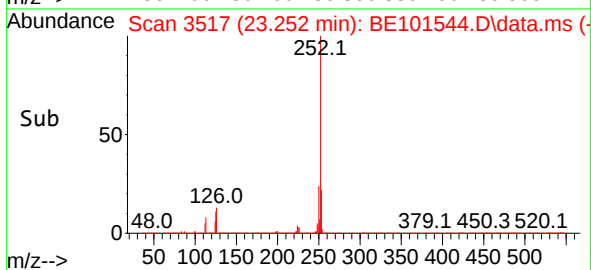
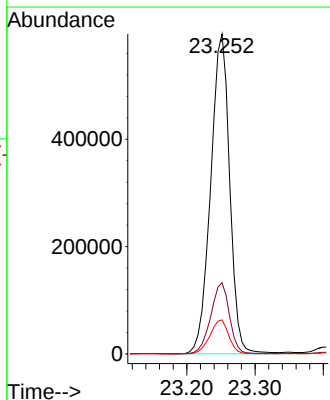
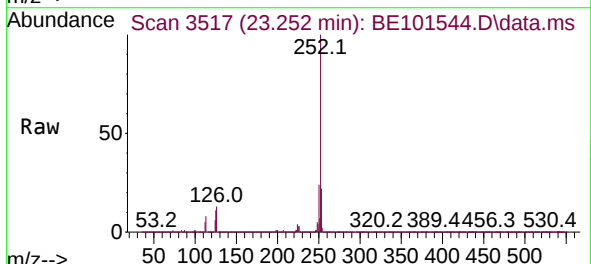
Manual Integrations
APPROVED

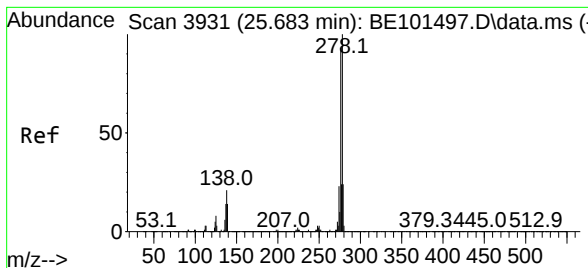
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#90
Benzo(a)pyrene
Concen: 40.463 ng
RT: 23.252 min Scan# 3517
Delta R.T. 0.001 min
Lab File: BE101544.D
Acq: 8 Nov 2024 10:07

Tgt Ion:252 Resp: 1154661
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 10.6 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 40.495 ng

RT: 25.684 min Scan# 3931

Delta R.T. 0.001 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 1396259

Ion Ratio Lower Upper

278 100

139 13.9 11.2 16.8

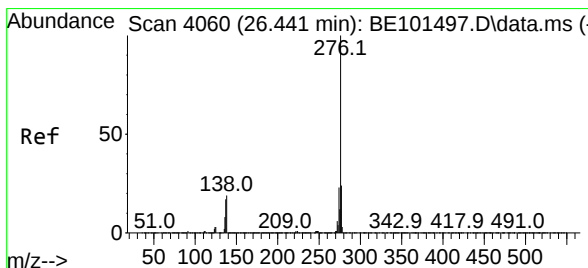
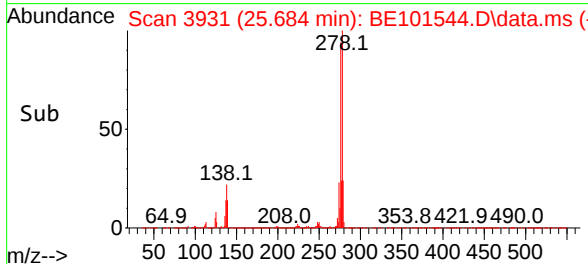
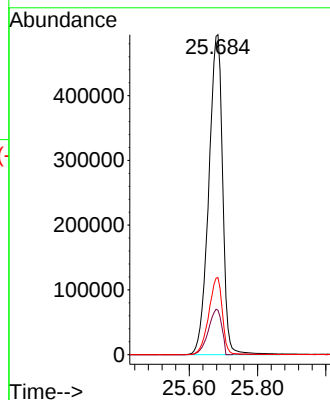
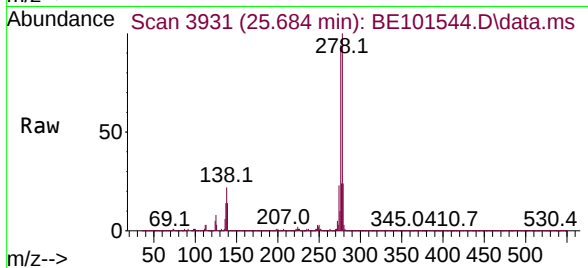
279 24.1 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#92

Benzo(g,h,i)perylene

Concen: 39.391 ng

RT: 26.436 min Scan# 4059

Delta R.T. -0.005 min

Lab File: BE101544.D

Acq: 8 Nov 2024 10:07

Tgt Ion:276 Resp: 1379884

Ion Ratio Lower Upper

276 100

277 24.3 19.5 29.3

138 18.7 15.3 22.9

