

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110824\
 Data File : BE101557.D
 Acq On : 8 Nov 2024 18:07
 Operator : RC/JU
 Sample : P4739-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TP-14MS

Manual Integrations
 APPROVED

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

Quant Time: Nov 08 23:48:00 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	47543	20.000	ng	0.00
21) Naphthalene-d8	10.326	136	202399	20.000	ng	0.00
39) Acenaphthene-d10	14.168	164	130758	20.000	ng	0.00
64) Phenanthrene-d10	16.906	188	298419	20.000	ng	0.00
76) Chrysene-d12	21.072	240	369646	20.000	ng	0.00
86) Perylene-d12	23.351	264	476783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.314	112	471631	175.405	ng	0.00
7) Phenol-d6	6.941	99	572317	155.244	ng	0.00
23) Nitrobenzene-d5	8.769	82	358732	111.954	ng	0.00
42) 2,4,6-Tribromophenol	15.678	330	407511	165.623	ng	0.00
45) 2-Fluorobiphenyl	12.793	172	880282	109.923	ng	0.00
79) Terphenyl-d14	19.503	244	1924640	115.254	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	52039	52.007	ng	# 38
3) Pyridine	3.639	79	95459	34.112	ng	99
4) n-Nitrosodimethylamine	3.551	42	64920	58.584	ng	95
6) Aniline	7.000	93	141932	51.296	ng	97
8) 2-Chlorophenol	7.206	128	180535	56.673	ng	99
9) Benzaldehyde	6.771	77	14656	8.127	ng	97
10) Phenol	6.971	94	224881	56.040	ng	99
11) bis(2-Chloroethyl)ether	7.024	93	157300	47.351	ng	100
12) 1,3-Dichlorobenzene	7.447	146	177206	50.954	ng	99
13) 1,4-Dichlorobenzene	7.593	146	181776	51.604	ng	99
14) 1,2-Dichlorobenzene	7.923	146	175471	50.747	ng	99
15) Benzyl Alcohol	7.893	79	120744	56.069	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.052	45	219261	55.759	ng	95
17) 2-Methylphenol	8.146	107	145722	56.090	ng	99
18) Hexachloroethane	8.616	117	61431	51.640	ng	99
19) n-Nitroso-di-n-propyla...	8.363	70	124296	51.135	ng	97
20) 3+4-Methylphenols	8.481	107	194731	54.057	ng	98
22) Acetophenone	8.410	105	248188	54.146	ng	99
24) Nitrobenzene	8.810	77	180088	54.035	ng	96
25) Isophorone	9.256	82	338330	54.256	ng	98
26) 2-Nitrophenol	9.497	139	99730	56.229	ng	97
27) 2,4-Dimethylphenol	9.615	122	143542	69.945	ng	100
28) bis(2-Chloroethoxy)met...	9.756	93	205162	53.747	ng	99
29) 2,4-Dichlorophenol	10.049	162	166806	57.257	ng	99
30) 1,2,4-Trichlorobenzene	10.173	180	164942	50.716	ng	98
31) Naphthalene	10.373	128	544126	53.252	ng	99
32) Benzoic acid	9.891	122	76197	40.913	ng	98
33) 4-Chloroaniline	10.608	127	33751	9.393	ng	97
34) Hexachlorobutadiene	10.619	225	102512	51.140	ng	99
35) Caprolactam	11.383	113	45403m	42.439	ng	
36) 4-Chloro-3-methylphenol	11.783	107	170154	53.485	ng	99
37) 2-Methylnaphthalene	11.965	142	389059	53.608	ng	99
38) 1-Methylnaphthalene	12.194	142	366034	50.574	ng	99
40) 1,2,4,5-Tetrachloroben...	12.323	216	194039	56.286	ng	99
41) Hexachlorocyclopentadiene	12.306	237	227100	225.742	ng	98
43) 2,4,6-Trichlorophenol	12.646	196	139570	58.951	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.752	196	152110	57.669	ng	98
46) 1,1'-Biphenyl	12.999	154	506984	56.209	ng	99
47) 2-Chloronaphthalene	13.046	162	396452	55.729	ng	99
48) 2-Nitroaniline	13.375	65	115695	61.439	ng	95
49) Acenaphthylene	13.904	152	641600	60.521	ng	99
50) Dimethylphthalate	13.675	163	510212	54.795	ng	100
51) 2,6-Dinitrotoluene	13.810	165	114707	53.375	ng	98
52) Acenaphthene	14.233	154	395027	58.392	ng	99
53) 3-Nitroaniline	14.221	138	72195	34.603	ng	95
54) 2,4-Dinitrophenol	14.362	184	131043	104.051	ng	93
55) Dibenzofuran	14.574	168	623362	57.221	ng	100
56) 4-Nitrophenol	14.656	139	222745	129.292	ng	95
57) 2,4-Dinitrotoluene	14.597	165	167277	55.404	ng	97
58) Fluorene	15.214	166	521107	57.318	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.844	232	145852	59.759	ng	98
60) Diethylphthalate	15.002	149	536422	54.638	ng	100
61) 4-Chlorophenyl-phenyle...	15.196	204	252430	54.677	ng	98
62) 4-Nitroaniline	15.414	138	129891	57.786	ng	97
63) Azobenzene	15.496	77	470752	58.773	ng	99
65) 4,6-Dinitro-2-methylph...	15.343	198	96596	54.530	ng	96
66) n-Nitrosodiphenylamine	15.449	169	458860	57.940	ng	99
67) 4-Bromophenyl-phenylether	16.084	248	180370	54.801	ng	98
68) Hexachlorobenzene	16.195	284	239062	55.189	ng	99
69) Atrazine	16.389	200	173790	74.328	ng	99
70) Pentachlorophenol	16.606	266	295532	125.742	ng	99
71) Phenanthrene	16.947	178	874759	60.269	ng	99
72) Anthracene	17.035	178	904945	63.136	ng	100
73) Carbazole	17.364	167	867175	60.331	ng	99
74) Di-n-butylphthalate	17.811	149	1021606	57.554	ng	100
75) Fluoranthene	18.957	202	1130677	60.759	ng	99
77) Benzidine	19.203	184	267048	33.632	ng	99
78) Pyrene	19.327	202	1213737	57.708	ng	99
80) Butylbenzylphthalate	20.173	149	543752	57.529	ng	98
81) Benzo(a)anthracene	21.048	228	1308799	59.617	ng	100
82) 3,3'-Dichlorobenzidine	21.025	252	377332	43.662	ng	99
83) Chrysene	21.107	228	1232497	59.065	ng	99
84) Bis(2-ethylhexyl)phtha...	20.872	149	803550	56.231	ng	100
85) Di-n-octyl phthalate	21.718	149	1401091	57.956	ng	99
87) Indeno(1,2,3-cd)pyrene	25.690	276	1972427	60.200	ng	100
88) Benzo(b)fluoranthene	22.646	252	1487104	56.850	ng	99
89) Benzo(k)fluoranthene	22.693	252	1435905	60.469	ng	99
90) Benzo(a)pyrene	23.252	252	1403855	62.163	ng	99
91) Dibenzo(a,h)anthracene	25.684	278	1640502	60.120	ng	99
92) Benzo(g,h,i)perylene	26.436	276	1486194	53.610	ng	99

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

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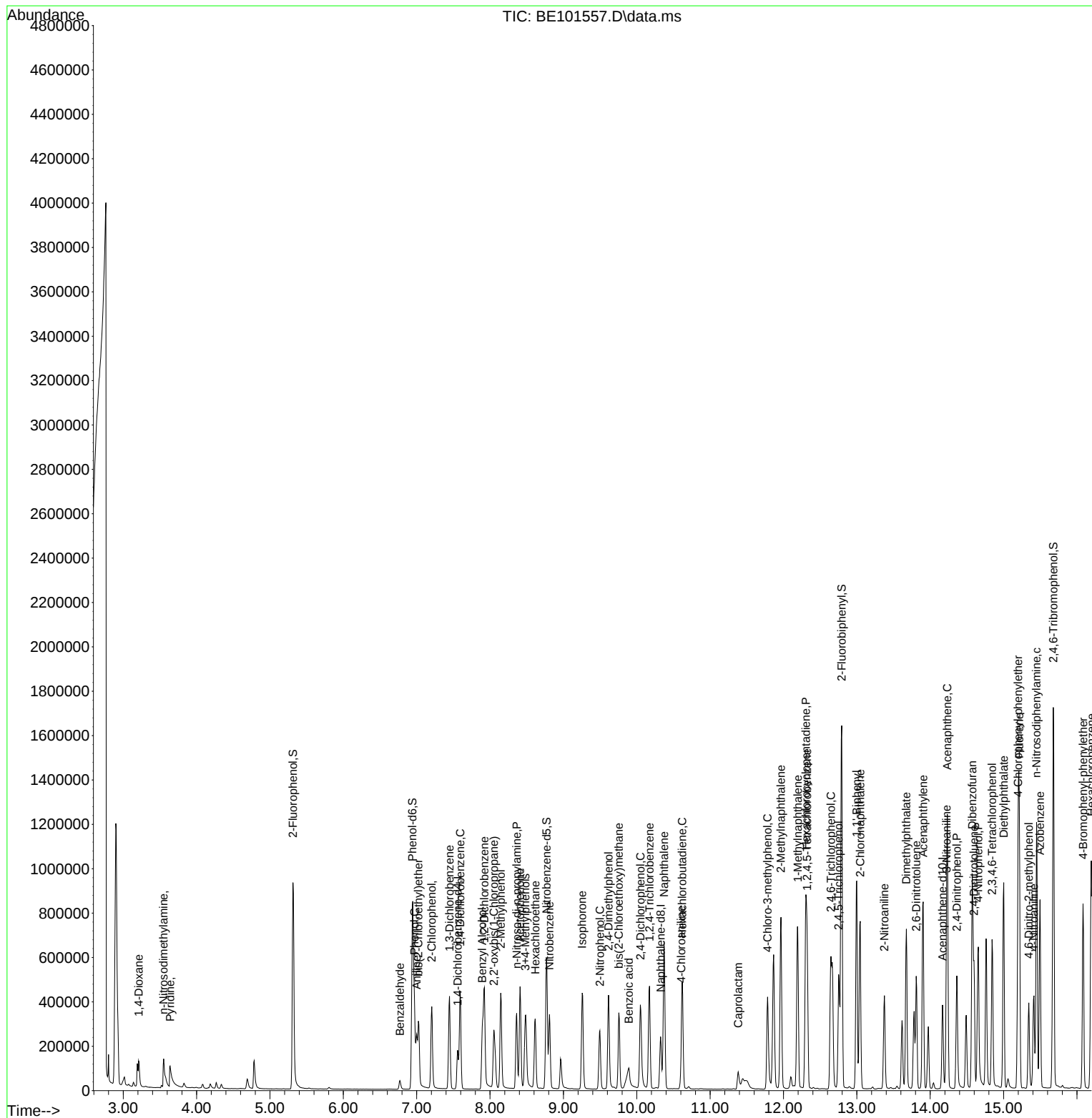
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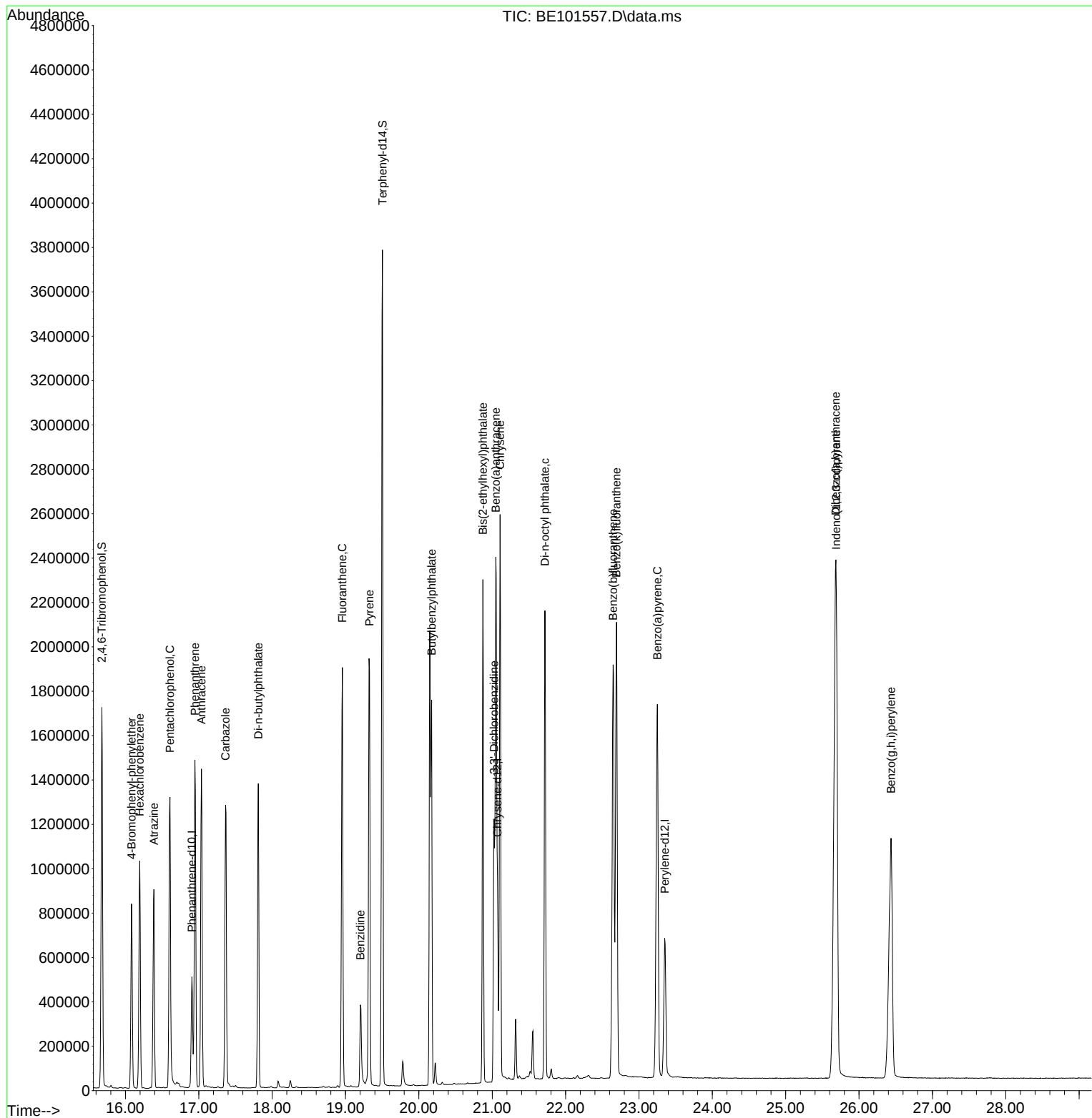
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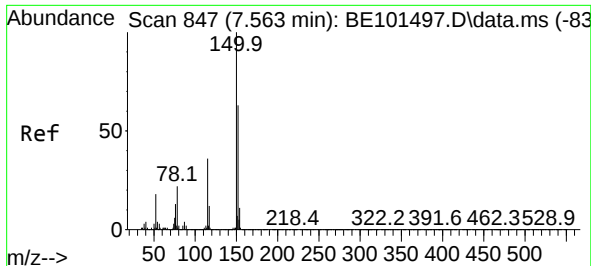
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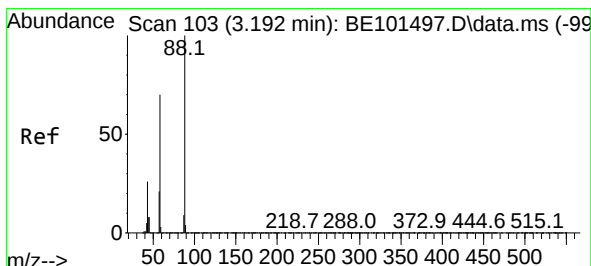
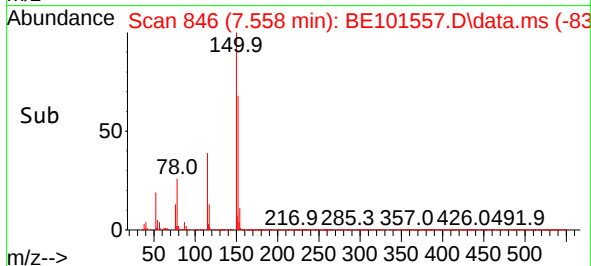
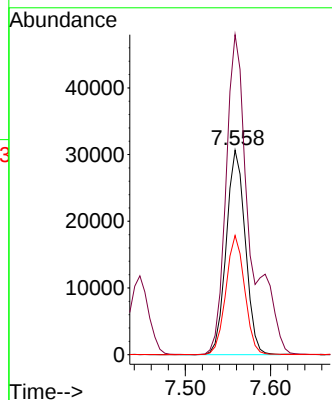
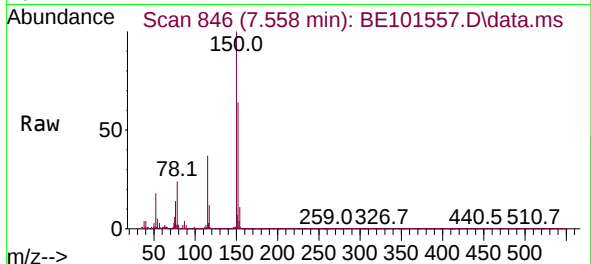
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.558 min Scan# 84
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

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Tgt Ion:152 Resp: 4754
Ion Ratio Lower Upper
152 100
150 156.5 126.3 189.5
115 58.3 45.0 67.4

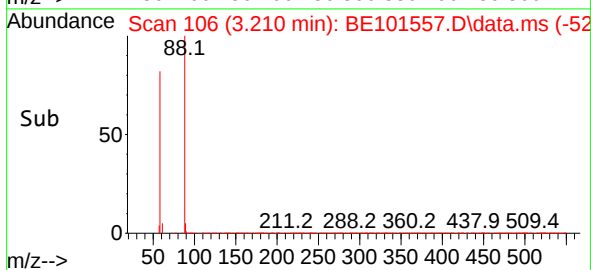
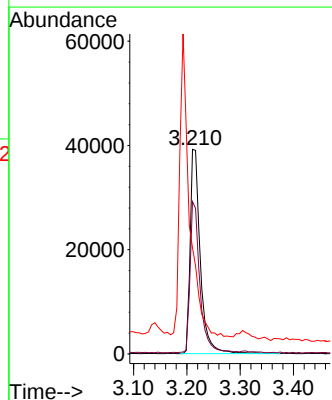
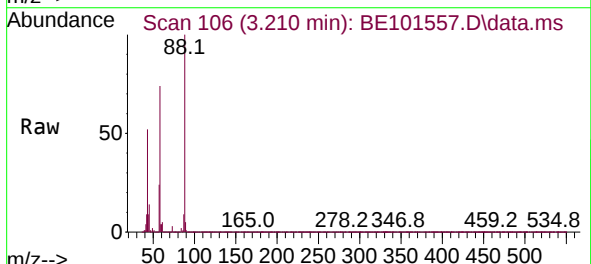
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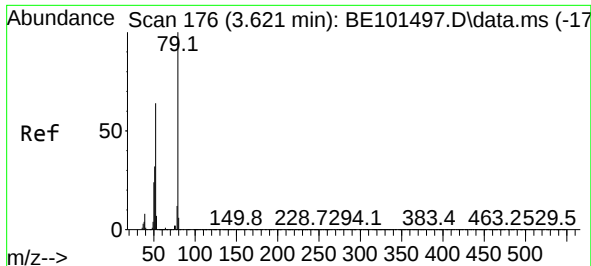
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#2
1,4-Dioxane
Concen: 52.007 ng
RT: 3.210 min Scan# 106
Delta R.T. 0.018 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

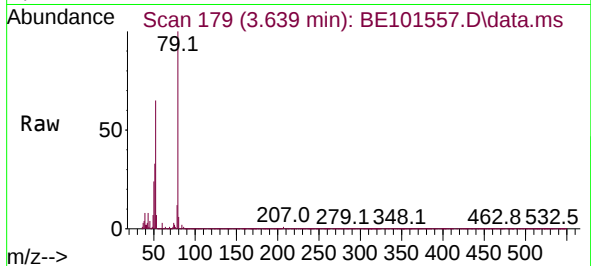
Tgt Ion: 88 Resp: 52039
Ion Ratio Lower Upper
88 100
58 71.3 56.5 84.7
43 143.2 20.8 31.2#





#3
Pyridine
Concen: 34.112 ng
RT: 3.639 min Scan# 176
Delta R.T. 0.018 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

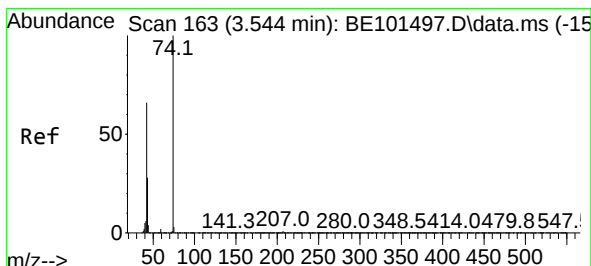
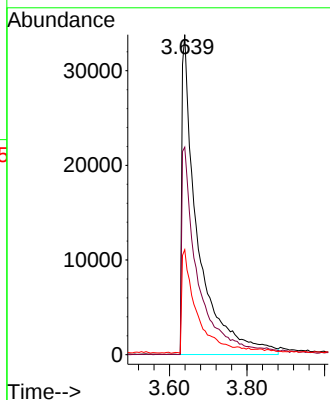
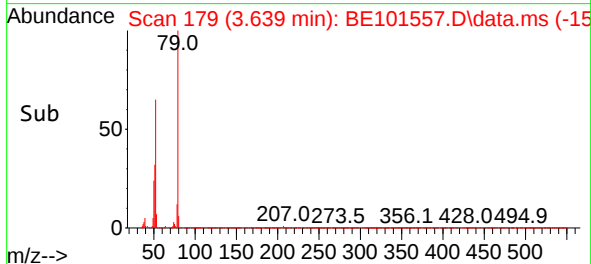
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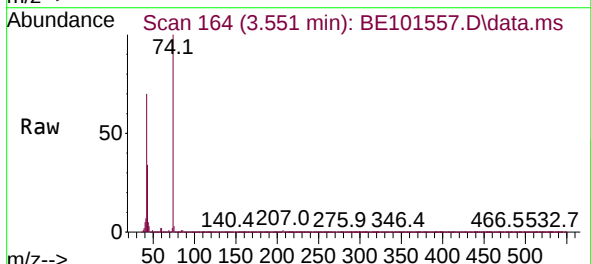
Tgt Ion: 79 Resp: 95459
Ion Ratio Lower Upper
79 100
52 64.8 51.1 76.7
51 32.8 26.2 39.2

Manual Integrations
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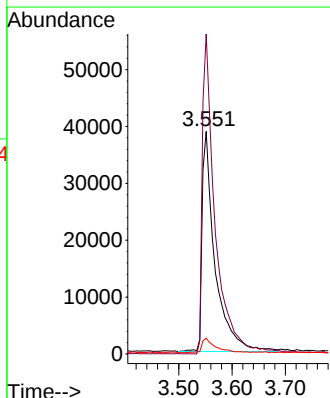
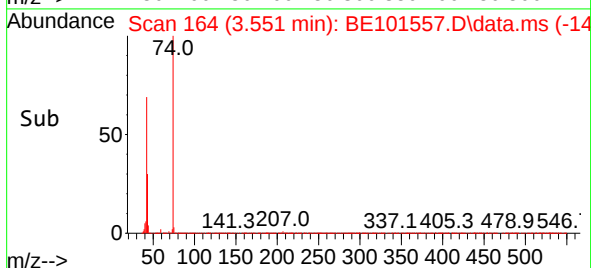
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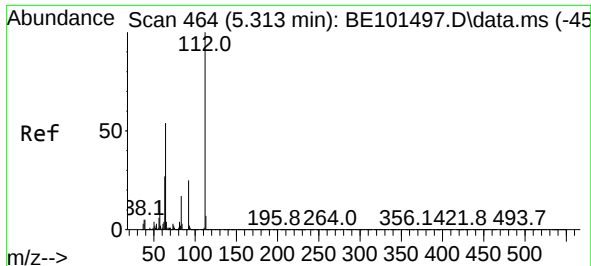


#4
n-Nitrosodimethylamine
Concen: 58.584 ng
RT: 3.551 min Scan# 164
Delta R.T. 0.007 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07



Tgt Ion: 42 Resp: 64920
Ion Ratio Lower Upper
42 100
74 143.7 120.1 180.1
44 7.2 5.8 8.6





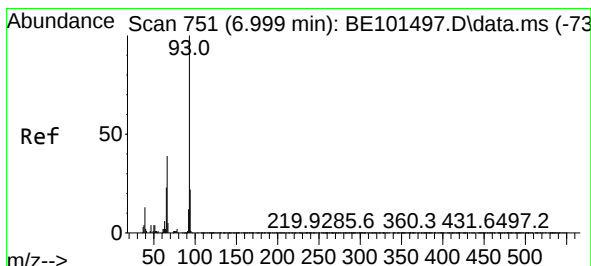
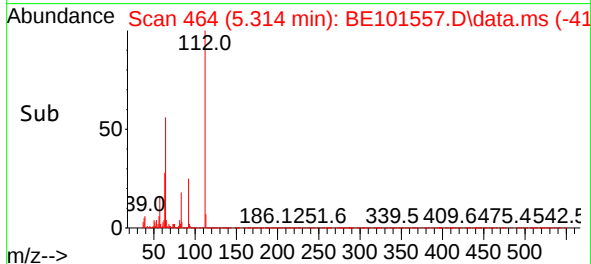
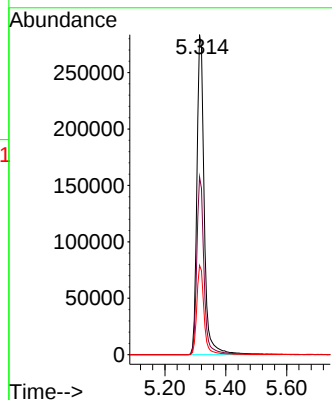
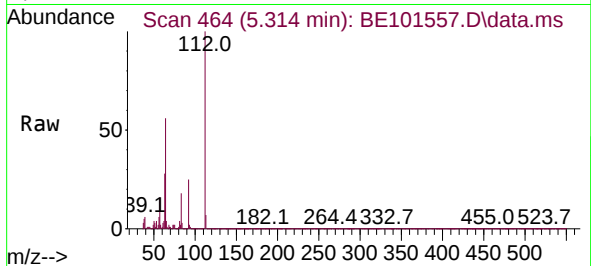
#5
2-Fluorophenol
Concen: 175.405 ng
RT: 5.314 min Scan# 464
Delta R.T. 0.001 min
Lab File: BE101557.D
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Tgt Ion:112 Resp: 47163
Ion Ratio Lower Upper
112 100
64 55.5 43.2 64.8
63 27.9 21.8 32.6

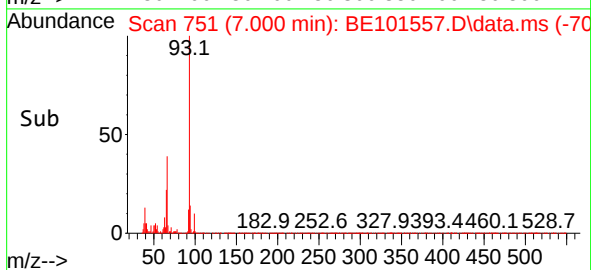
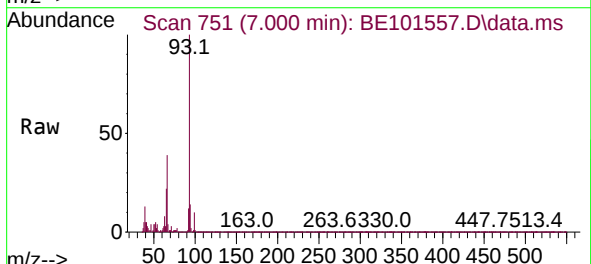
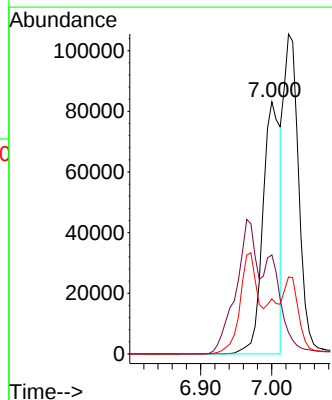
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#6
Aniline
Concen: 51.296 ng
RT: 7.000 min Scan# 751
Delta R.T. 0.001 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Tgt Ion: 93 Resp: 141932
Ion Ratio Lower Upper
93 100
66 39.3 33.4 50.0
65 21.9 18.5 27.7





#7

Phenol-d6

Concen: 155.244 ng

RT: 6.941 min Scan# 741

Delta R.T. -0.005 min

Lab File: BE101557.D

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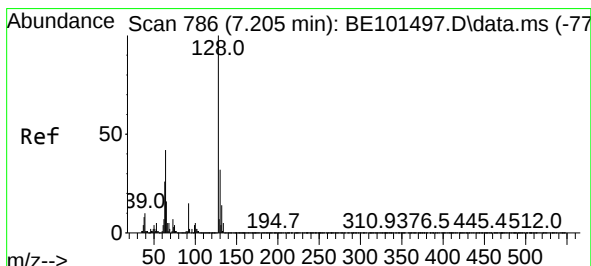
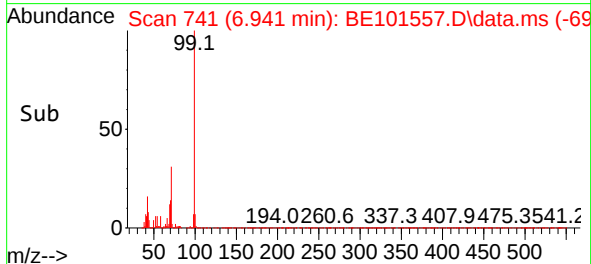
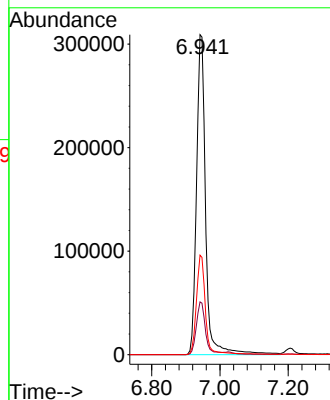
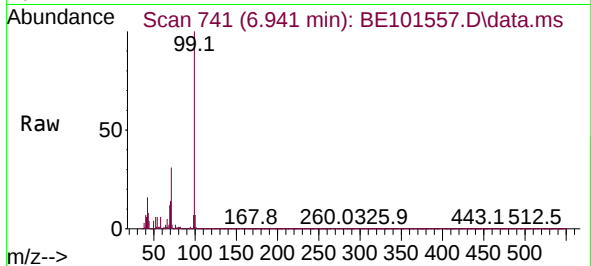
Tgt Ion: 99	Resp: 57231
Ion Ratio	Lower Upper
99 100	
42 16.5	12.5 18.7
71 31.1	24.2 36.2

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#8

2-Chlorophenol

Concen: 56.673 ng

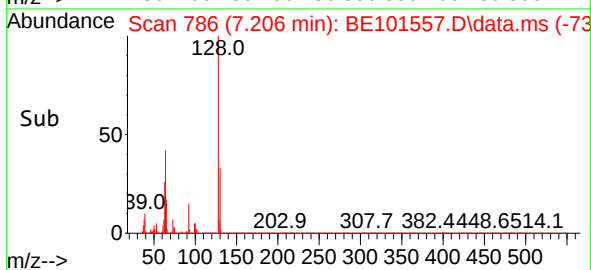
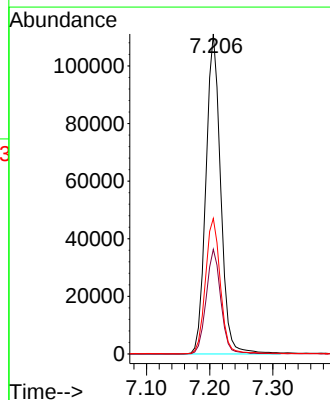
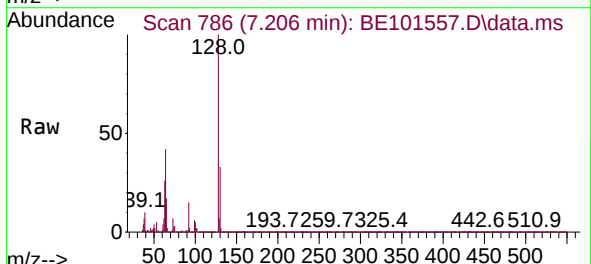
RT: 7.206 min Scan# 786

Delta R.T. 0.001 min

Lab File: BE101557.D

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Tgt Ion:128	Resp: 180535
Ion Ratio	Lower Upper
128 100	
130 32.7	12.1 52.1
64 42.3	22.0 62.0





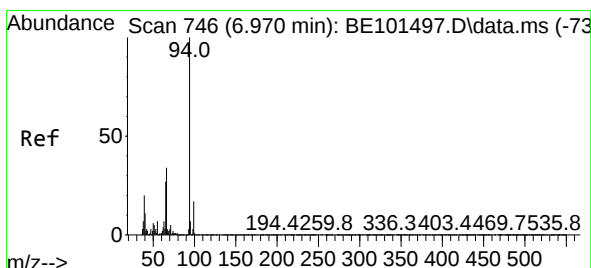
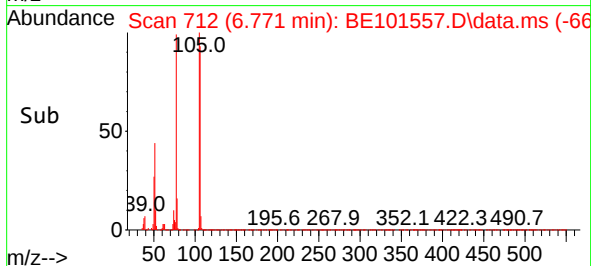
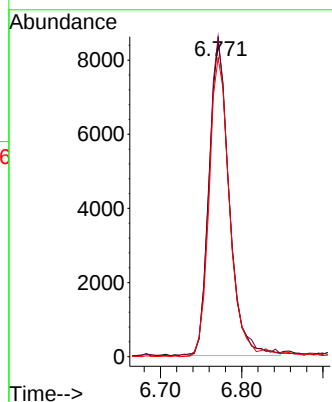
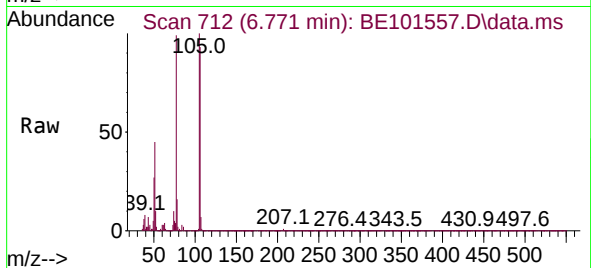
#9
Benzaldehyde
Concen: 8.127 ng
RT: 6.771 min Scan# 712
Delta R.T. 0.001 min
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ClientSampleId :
TP-14MS

Tgt Ion: 77 Resp: 14650
Ion Ratio Lower Upper
77 100
105 101.2 83.0 123.0
106 94.6 78.8 118.8

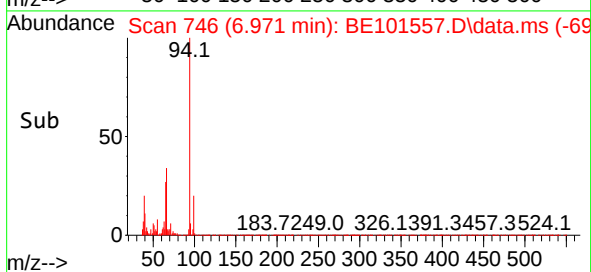
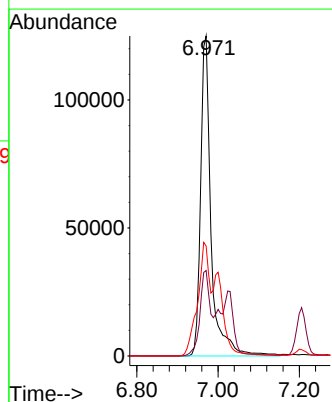
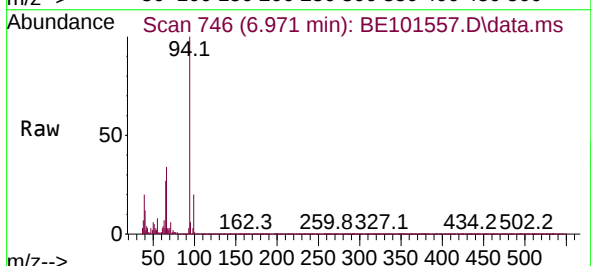
Manual Integrations
APPROVED

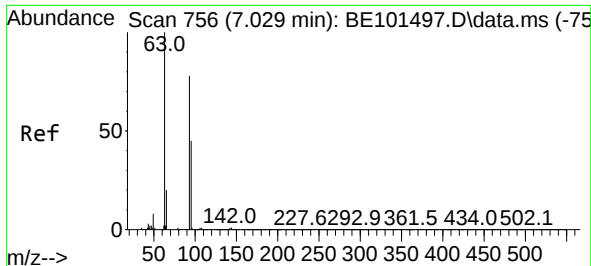
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#10
Phenol
Concen: 56.040 ng
RT: 6.971 min Scan# 746
Delta R.T. 0.001 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Tgt Ion: 94 Resp: 224881
Ion Ratio Lower Upper
94 100
65 26.7 6.7 46.7
66 34.3 15.0 55.0





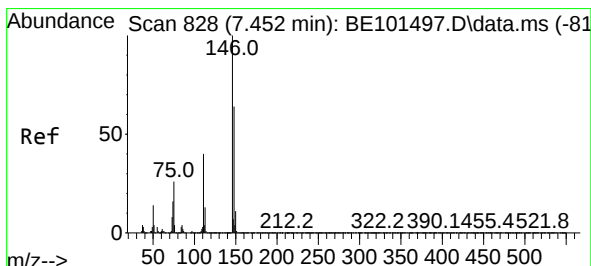
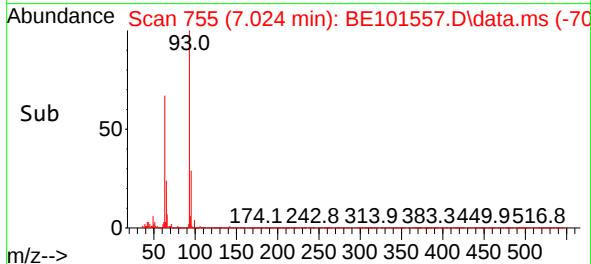
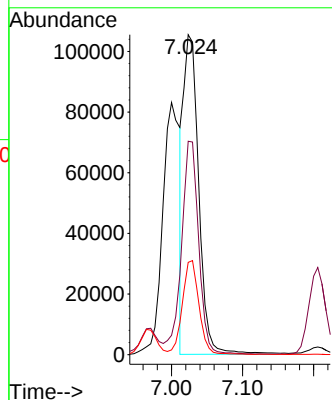
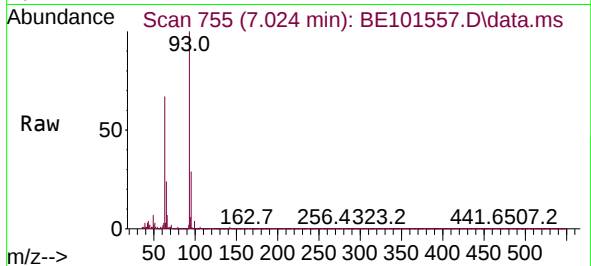
#11
bis(2-Chloroethyl)ether
Concen: 47.351 ng
RT: 7.024 min Scan# 70
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Instrument :
BNA_E
ClientSampleId :
TP-14MS

Tgt Ion: 93 Resp: 157300
Ion Ratio Lower Upper
93 100
63 66.7 46.5 86.5
95 28.9 9.1 49.1

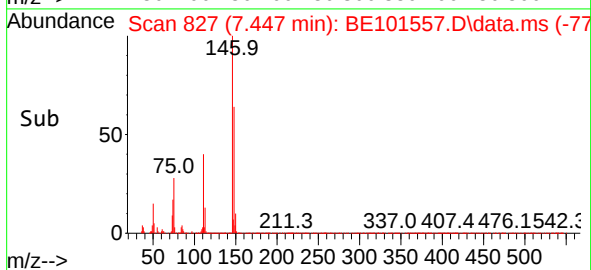
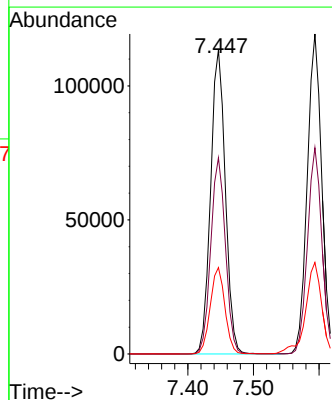
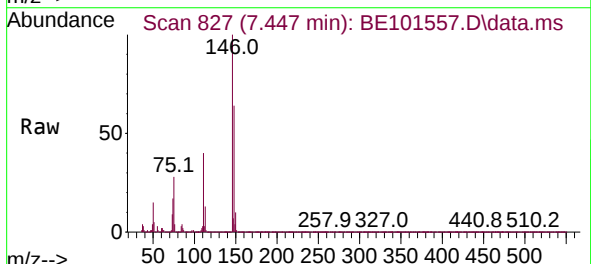
Manual Integrations
APPROVED

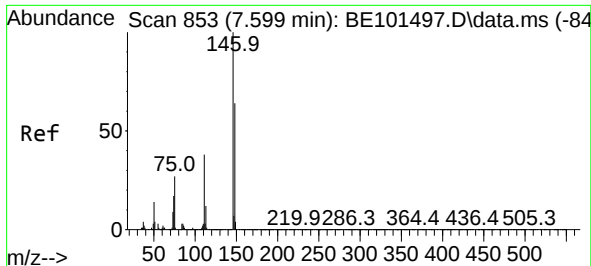
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#12
1,3-Dichlorobenzene
Concen: 50.954 ng
RT: 7.447 min Scan# 827
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Tgt Ion:146 Resp: 177206
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
75 28.4 21.1 31.7





#13

1,4-Dichlorobenzene

Concen: 51.604 ng

RT: 7.593 min Scan# 81

Delta R.T. -0.005 min

Lab File: BE101557.D

Acq: 8 Nov 2024 18:07

Instrument :

BNA_E

ClientSampleId :

TP-14MS

Tgt Ion:146 Resp: 181770

Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.6

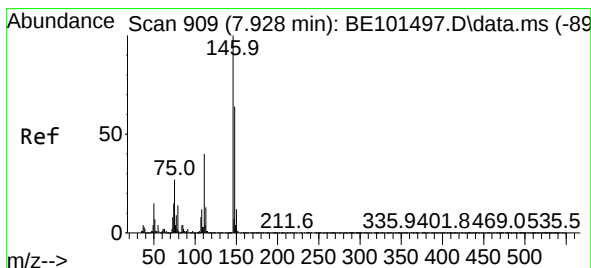
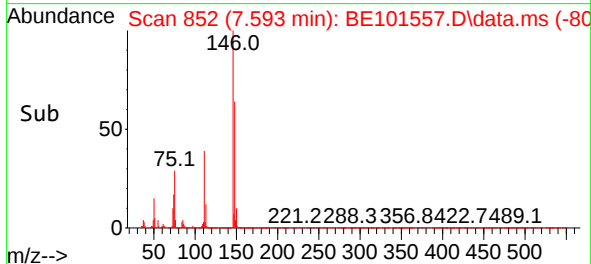
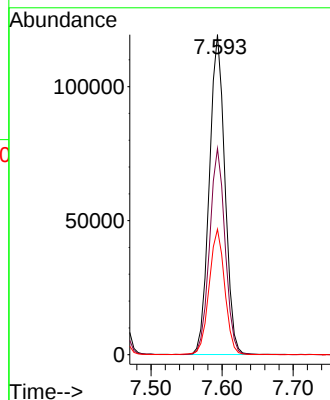
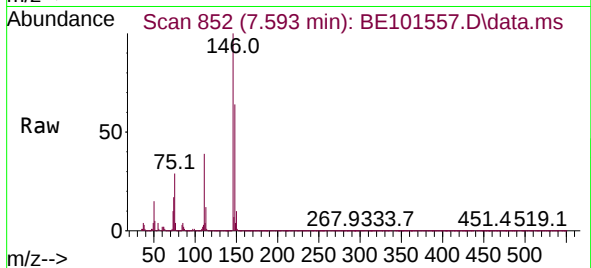
111 39.2 30.2 45.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#14

1,2-Dichlorobenzene

Concen: 50.747 ng

RT: 7.923 min Scan# 908

Delta R.T. -0.005 min

Lab File: BE101557.D

Acq: 8 Nov 2024 18:07

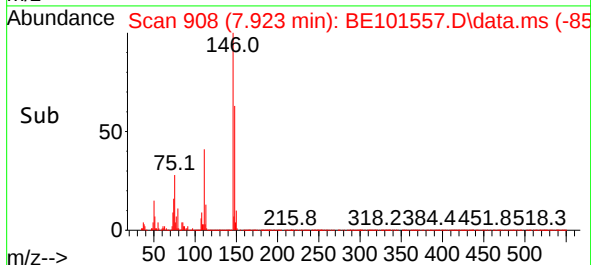
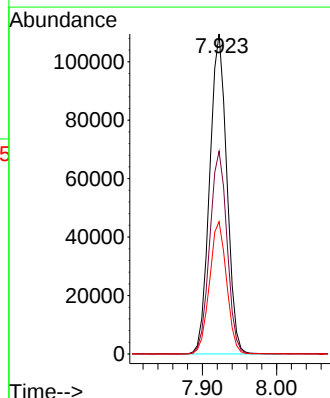
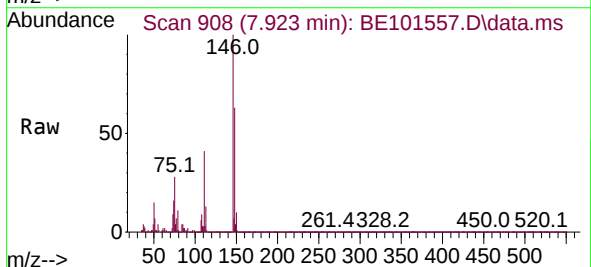
Tgt Ion:146 Resp: 175471

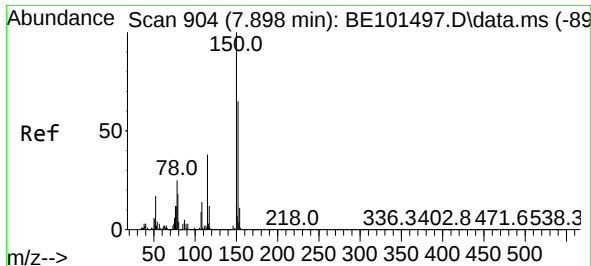
Ion Ratio Lower Upper

146 100

148 63.4 51.2 76.8

111 41.3 32.2 48.4





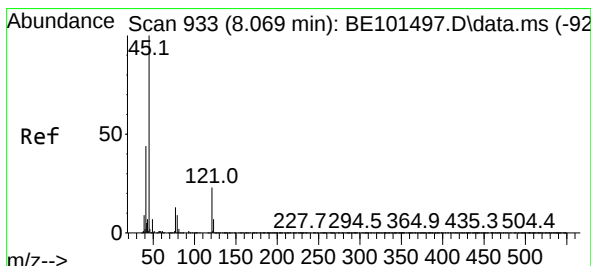
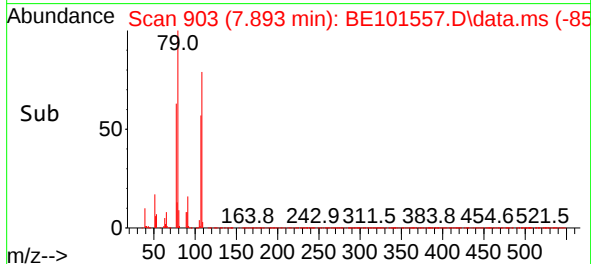
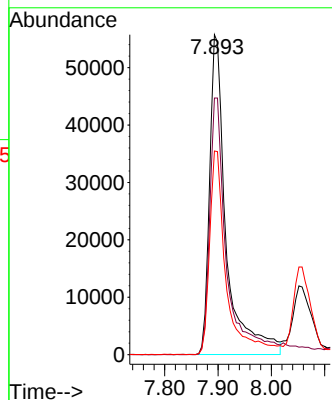
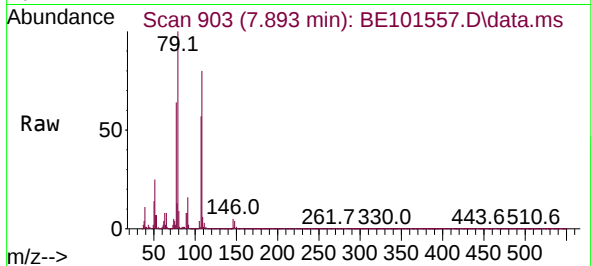
#15
Benzyl Alcohol
Concen: 56.069 ng
RT: 7.893 min Scan# 90
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Instrument :
BNA_E
ClientSampleId :
TP-14MS

Tgt Ion: 79 Resp: 120744
Ion Ratio Lower Upper
79 100
108 80.2 63.8 95.8
77 63.7 53.4 80.0

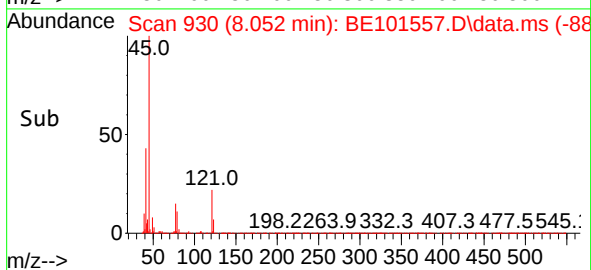
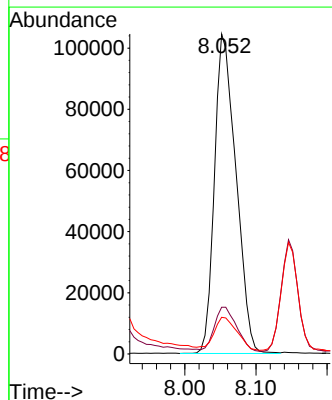
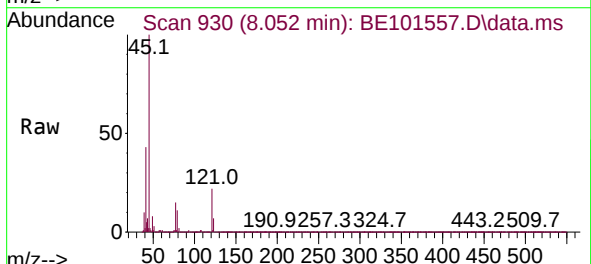
Manual Integrations
APPROVED

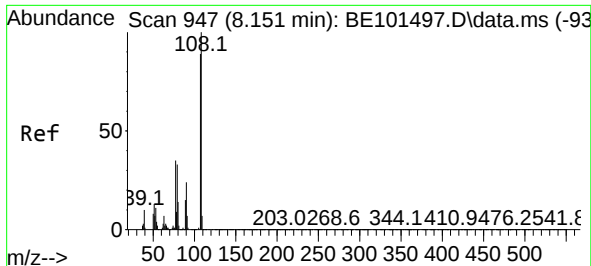
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.759 ng
RT: 8.052 min Scan# 930
Delta R.T. -0.017 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

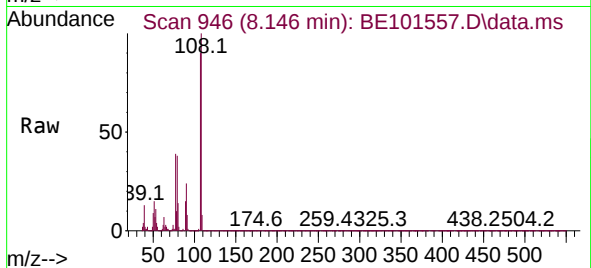
Tgt Ion: 45 Resp: 219261
Ion Ratio Lower Upper
45 100
77 14.6 0.0 36.2
79 11.5 0.0 33.8





#17
2-Methylphenol
Concen: 56.090 ng
RT: 8.146 min Scan# 947
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

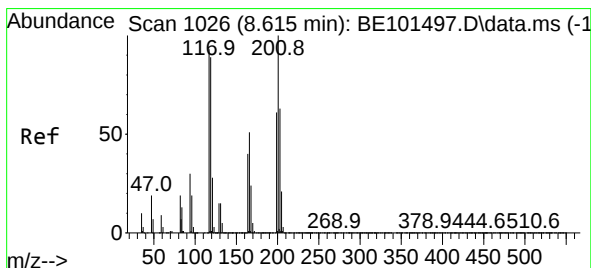
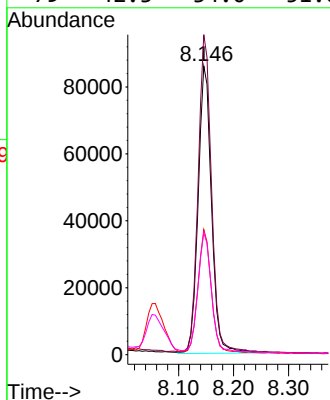
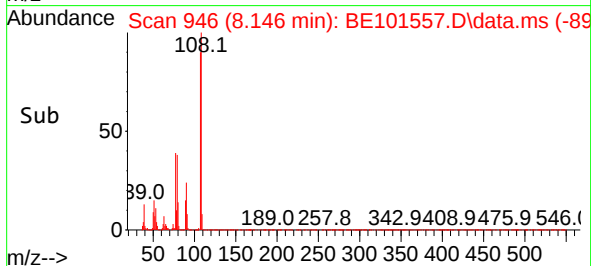
Instrument :
BNA_E
ClientSampleId :
TP-14MS



Tgt Ion:	107	Resp:	14572
Ion Ratio	Lower	Upper	
107	100		
108	110.9	90.2	135.4
77	43.3	35.1	52.7
79	42.3	34.0	51.0

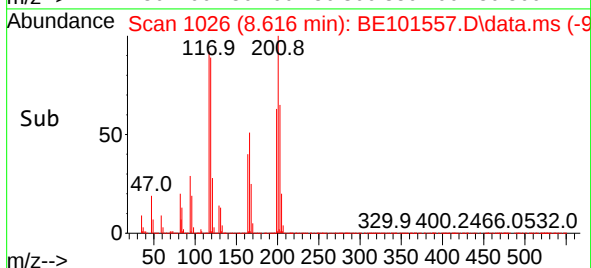
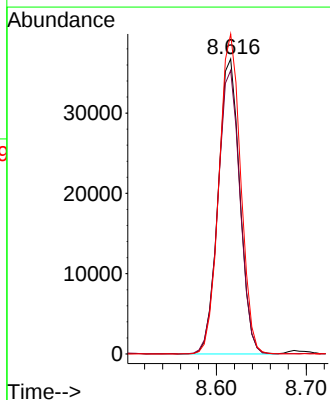
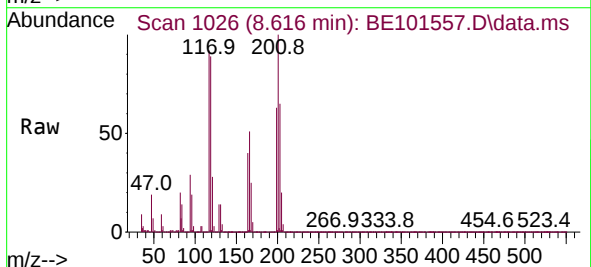
Manual Integrations
APPROVED

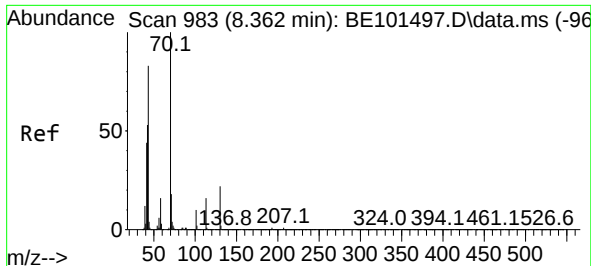
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#18
Hexachloroethane
Concen: 51.640 ng
RT: 8.616 min Scan# 1026
Delta R.T. 0.001 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

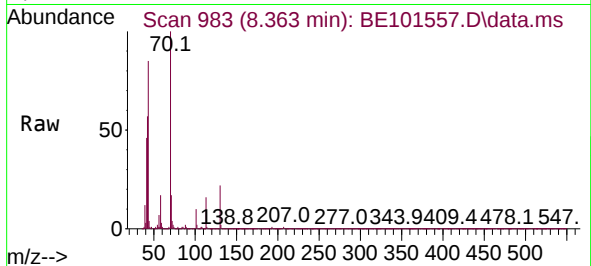
Tgt Ion:	117	Resp:	61431
Ion Ratio	Lower	Upper	
117	100		
119	96.1	76.6	114.8
201	108.5	86.1	129.1





#19
n-Nitroso-di-n-propylamine
Concen: 51.135 ng
RT: 8.363 min Scan# 91
Delta R.T. 0.001 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

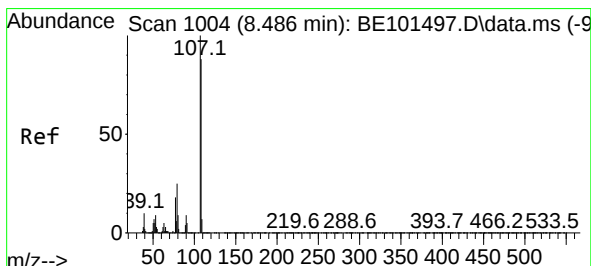
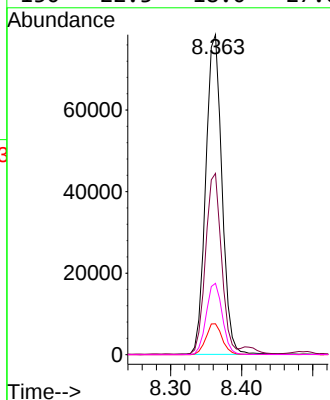
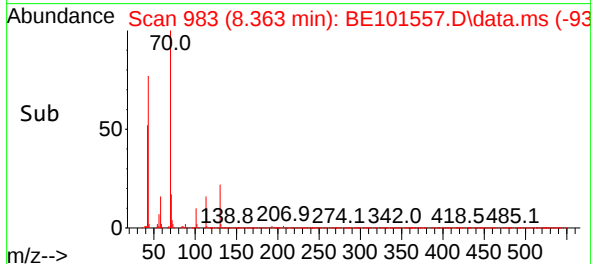
Instrument :
BNA_E
ClientSampleId :
TP-14MS



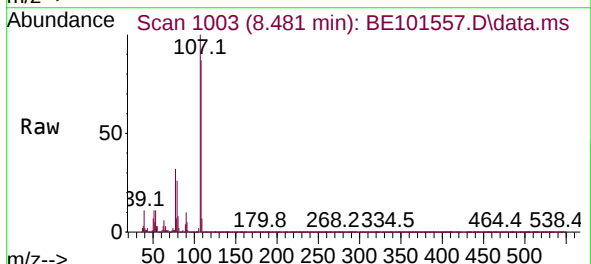
Tgt Ion: 70 Resp: 124290
Ion Ratio Lower Upper
70 100
42 56.6 42.7 64.1
101 9.7 8.2 12.2
130 22.3 18.0 27.0

Manual Integrations
APPROVED

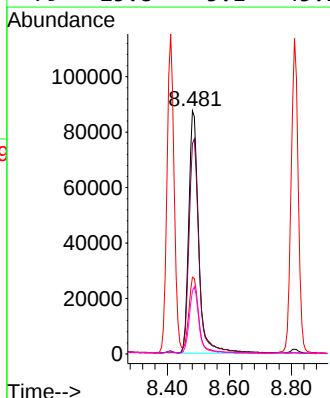
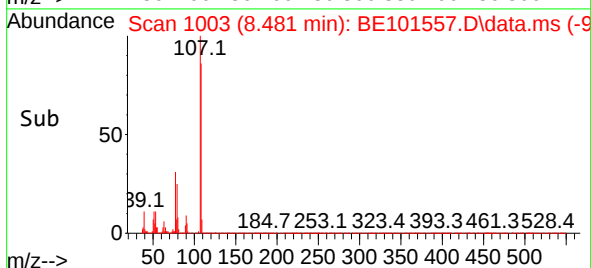
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

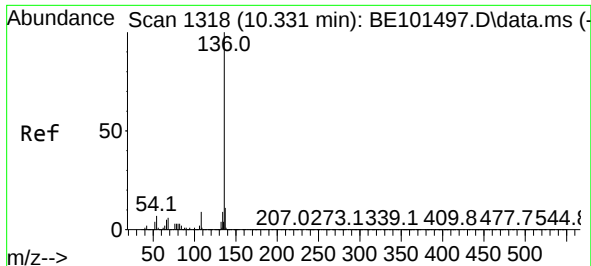


#20
3+4-Methylphenols
Concen: 54.057 ng
RT: 8.481 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07



Tgt Ion:107 Resp: 194731
Ion Ratio Lower Upper
107 100
108 86.5 68.2 108.2
77 31.6 10.4 50.4
79 25.8 5.1 45.1





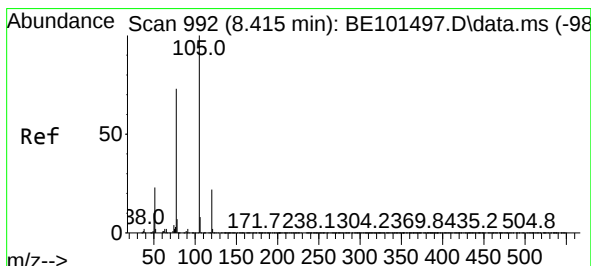
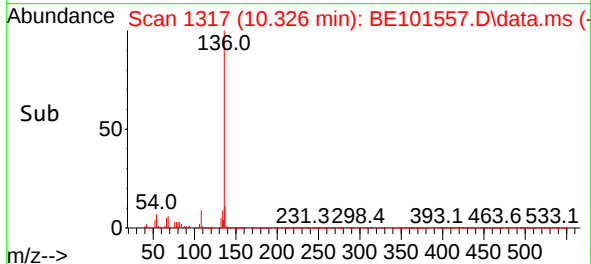
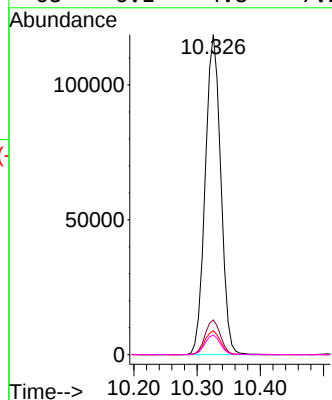
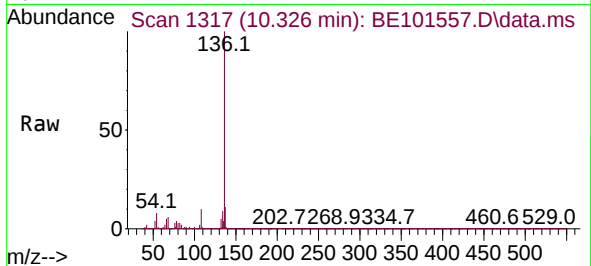
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.326 min Scan# 11
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Instrument :
BNA_E
ClientSampleId :
TP-14MS

Tgt Ion:	136	Resp:	202399
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.5	5.6	8.4
68	6.1	4.8	7.2

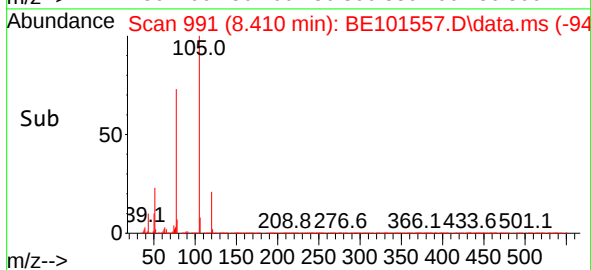
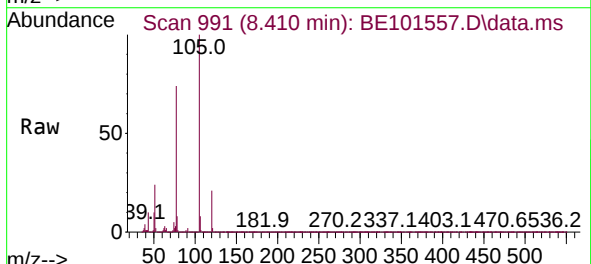
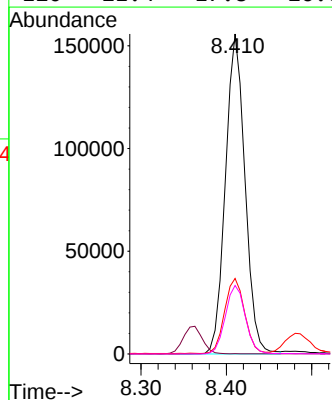
Manual Integrations
APPROVED

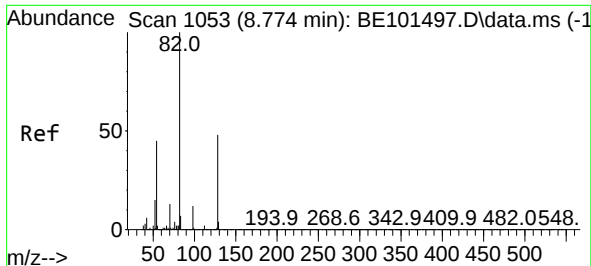
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#22
Acetophenone
Concen: 54.146 ng
RT: 8.410 min Scan# 991
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Tgt Ion:	105	Resp:	248188
Ion	Ratio	Lower	Upper
105	100		
71	0.1	0.1	0.1
51	23.6	18.7	28.1
120	21.4	17.8	26.6





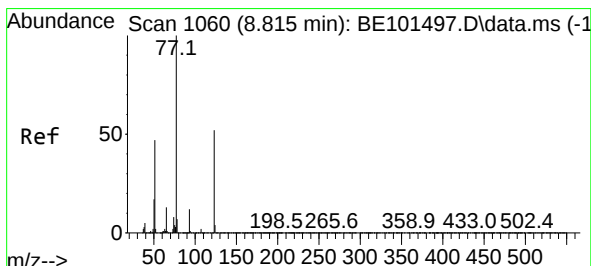
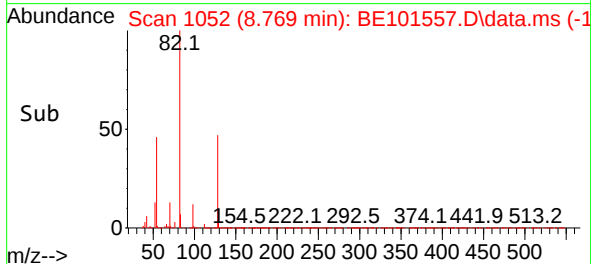
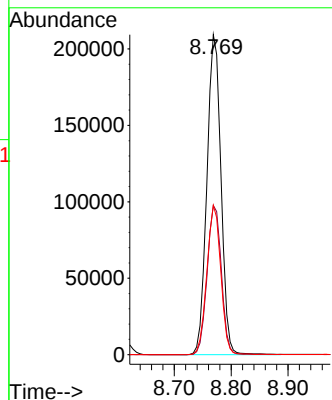
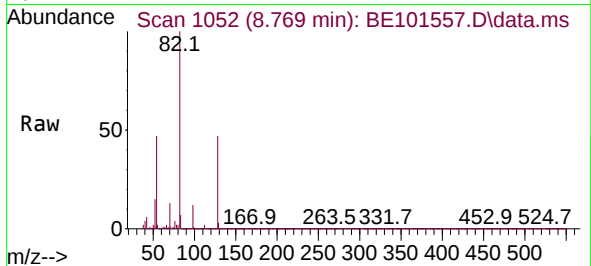
#23
Nitrobenzene-d5
Concen: 111.954 ng
RT: 8.769 min Scan# 1052
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Instrument :
BNA_E
ClientSampleId :
TP-14MS

Tgt Ion: 82 Resp: 35873
Ion Ratio Lower Upper
82 100
128 46.6 38.6 58.0
54 46.7 36.3 54.5

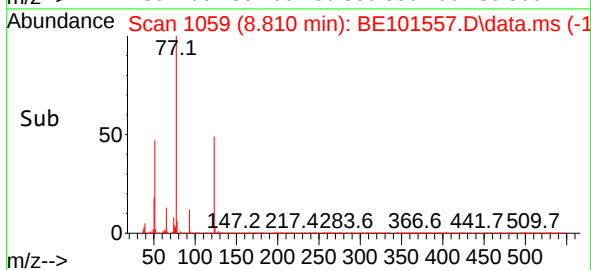
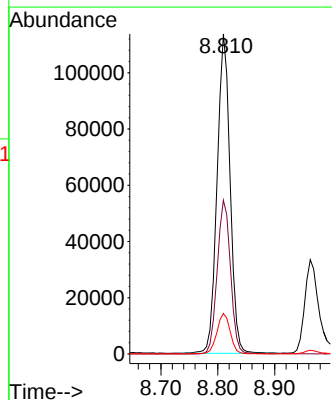
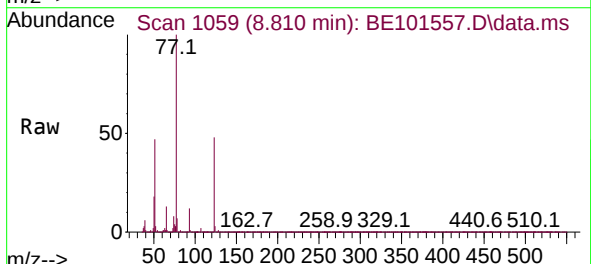
Manual Integrations
APPROVED

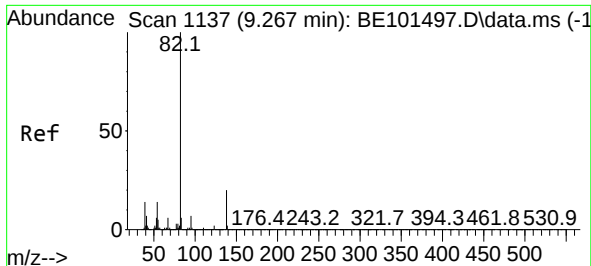
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#24
Nitrobenzene
Concen: 54.035 ng
RT: 8.810 min Scan# 1059
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

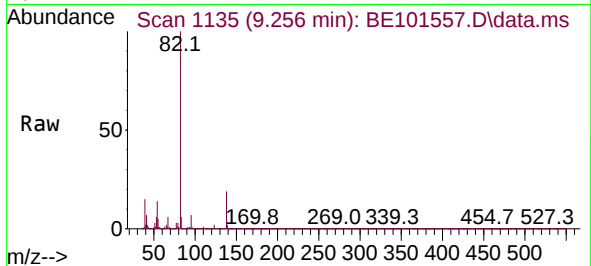
Tgt Ion: 77 Resp: 180088
Ion Ratio Lower Upper
77 100
123 48.0 41.2 61.8
65 12.6 10.3 15.5





#25
Isophorone
Concen: 54.256 ng
RT: 9.256 min Scan# 1135
Delta R.T. -0.011 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

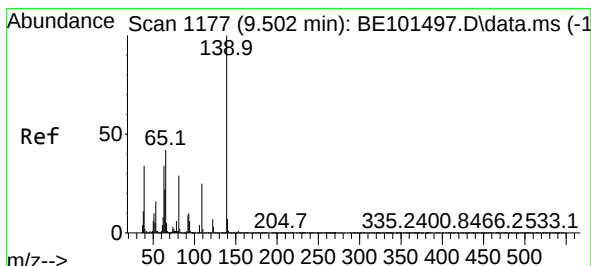
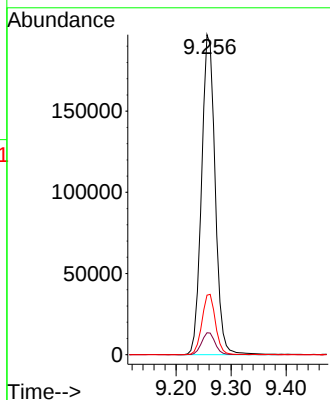
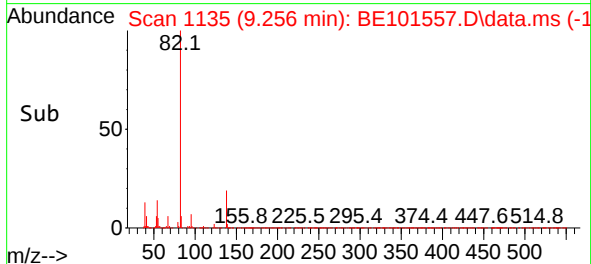
Instrument :
BNA_E
ClientSampleId :
TP-14MS



Tgt Ion: 82 Resp: 338330
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.6 15.8 23.6

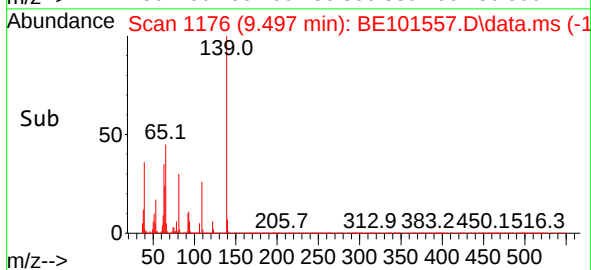
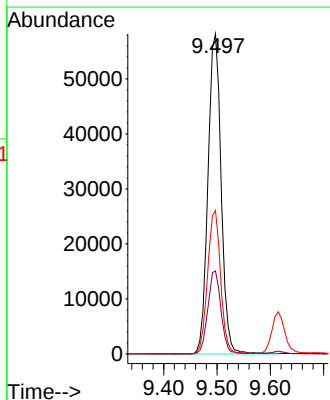
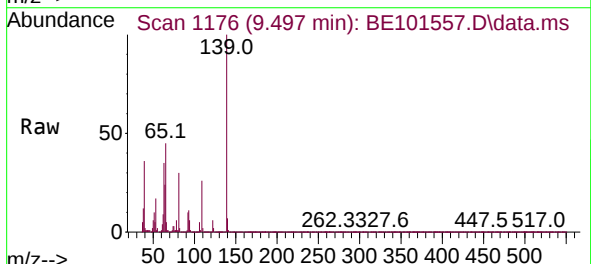
Manual Integrations
APPROVED

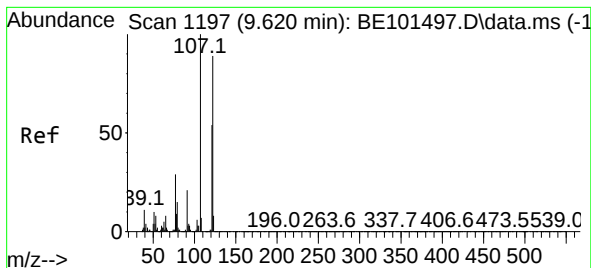
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#26
2-Nitrophenol
Concen: 56.229 ng
RT: 9.497 min Scan# 1176
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

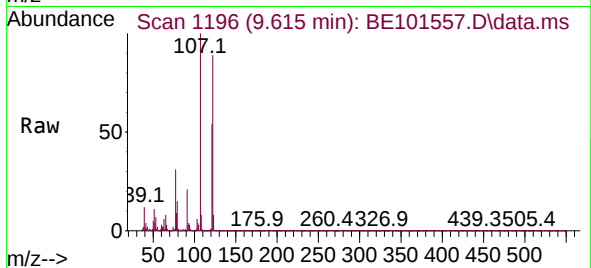
Tgt Ion:139 Resp: 99730
Ion Ratio Lower Upper
139 100
109 26.0 20.2 30.4
65 44.8 34.0 51.0





#27
2,4-Dimethylphenol
Concen: 69.945 ng
RT: 9.615 min Scan# 1196
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

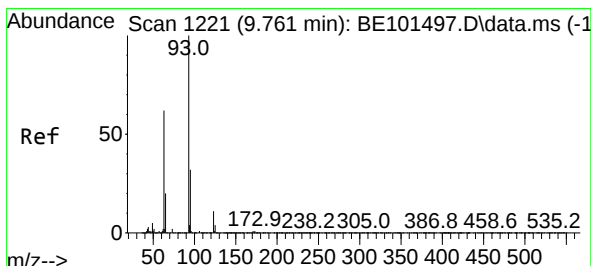
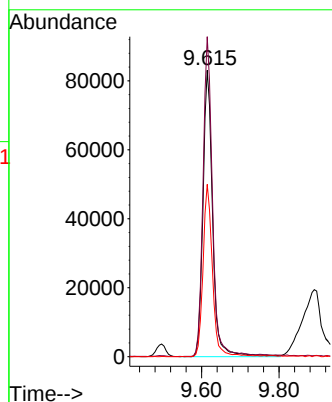
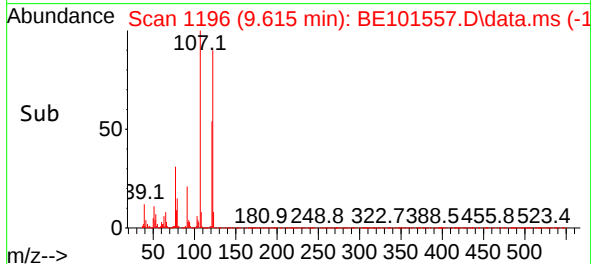
Instrument :
BNA_E
ClientSampleId :
TP-14MS



Tgt Ion: 122 Resp: 14354
Ion Ratio Lower Upper
122 100
107 111.8 89.8 134.6
121 60.2 48.0 72.0

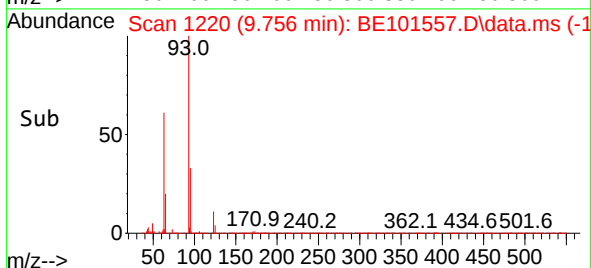
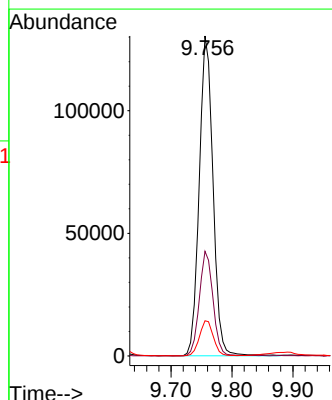
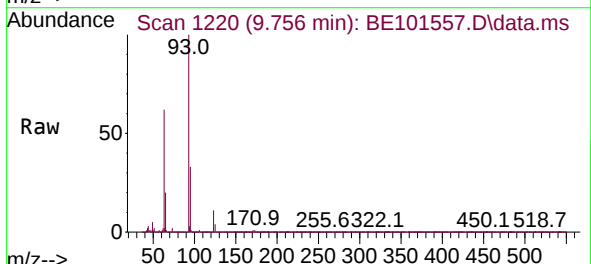
Manual Integrations
APPROVED

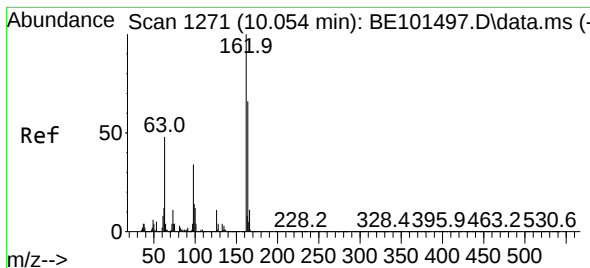
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#28
bis(2-Chloroethoxy)methane
Concen: 53.747 ng
RT: 9.756 min Scan# 1220
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Tgt Ion: 93 Resp: 205162
Ion Ratio Lower Upper
93 100
95 32.7 25.9 38.9
123 11.0 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 57.257 ng
RT: 10.049 min Scan# 1270
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Instrument :

BNA_E

ClientSampleId :

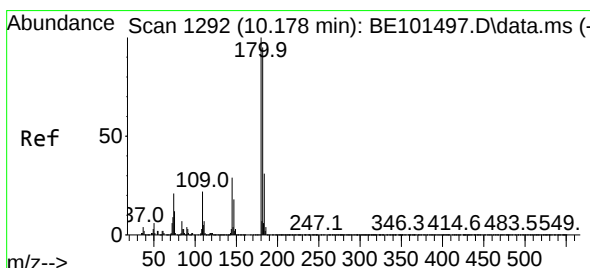
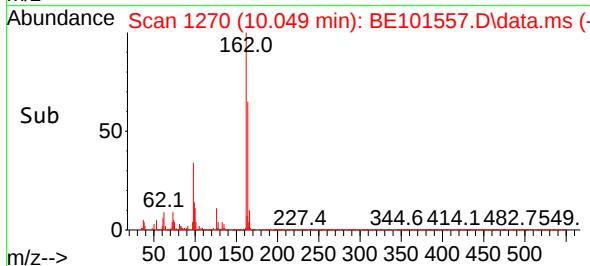
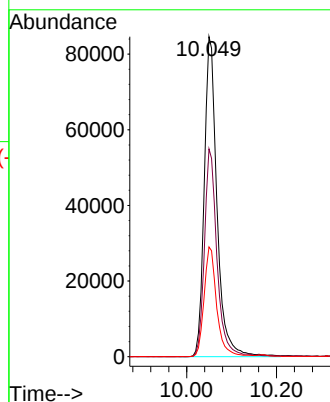
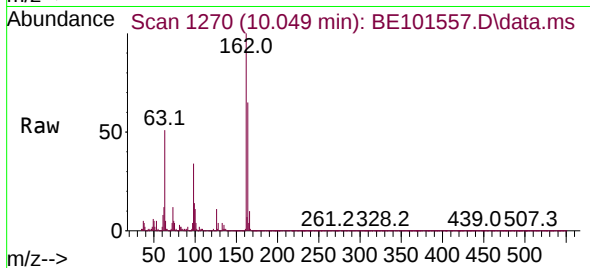
TP-14MS

Tgt Ion:162 Resp: 166800
Ion Ratio Lower Upper
162 100
164 65.0 45.7 85.7
98 34.3 14.0 54.0

Manual Integrations

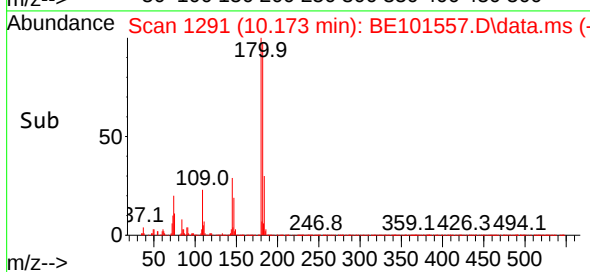
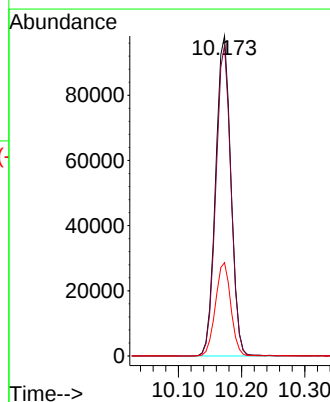
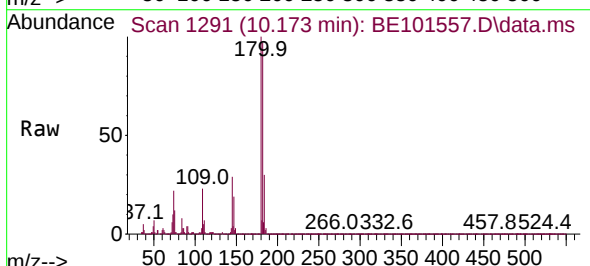
APPROVED

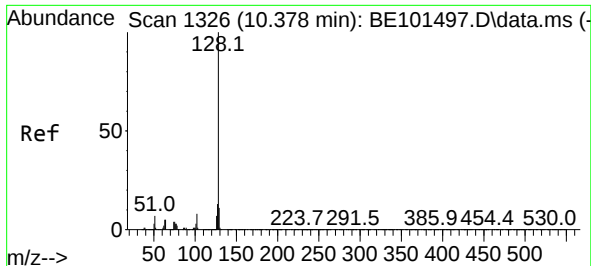
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#30
1,2,4-Trichlorobenzene
Concen: 50.716 ng
RT: 10.173 min Scan# 1291
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Tgt Ion:180 Resp: 164942
Ion Ratio Lower Upper
180 100
182 97.1 76.2 114.2
145 29.1 23.2 34.8





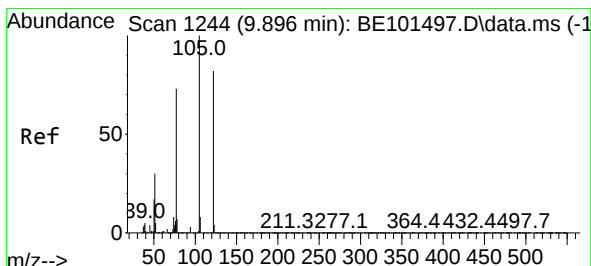
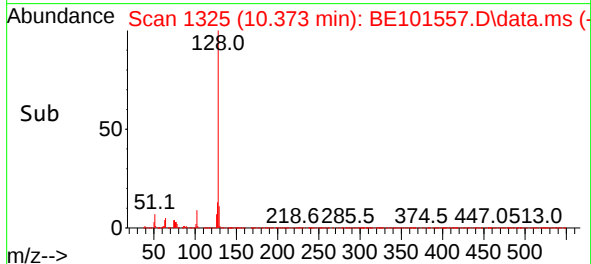
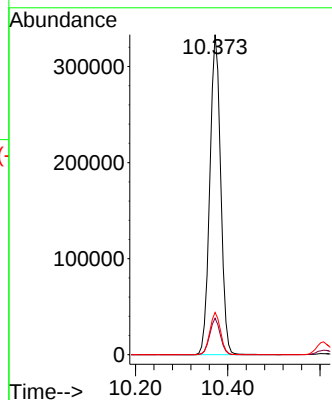
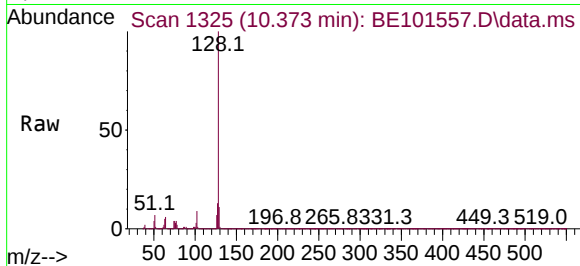
#31
Naphthalene
Concen: 53.252 ng
RT: 10.373 min Scan# 1326
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Instrument :
BNA_E
ClientSampleId :
TP-14MS

Tgt Ion:128 Resp: 544120
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.2 10.3 15.5

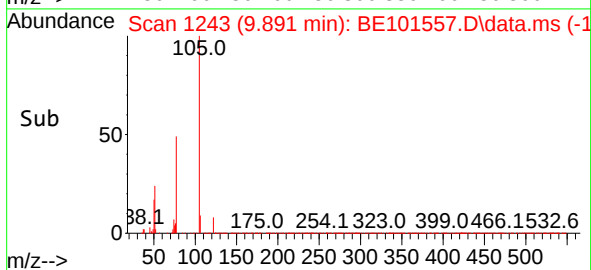
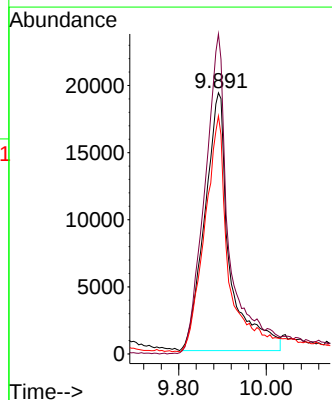
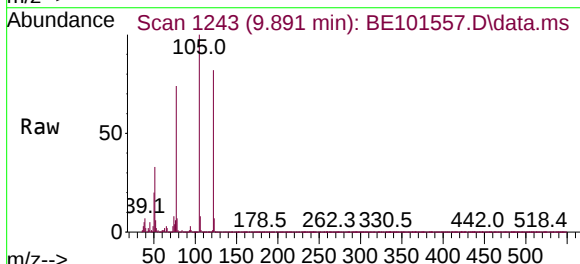
Manual Integrations
APPROVED

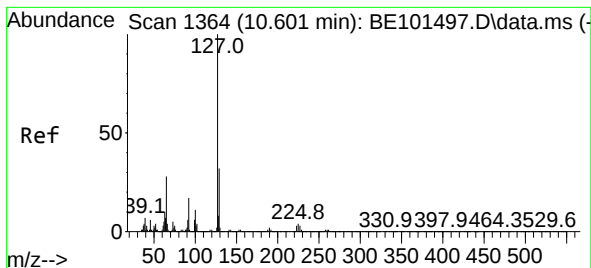
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#32
Benzoic acid
Concen: 40.913 ng
RT: 9.891 min Scan# 1243
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Tgt Ion:122 Resp: 76197
Ion Ratio Lower Upper
122 100
105 122.5 100.6 140.6
77 91.1 68.6 108.6





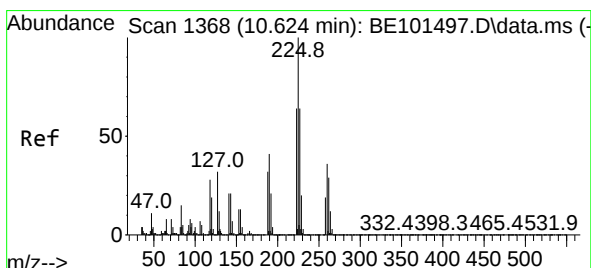
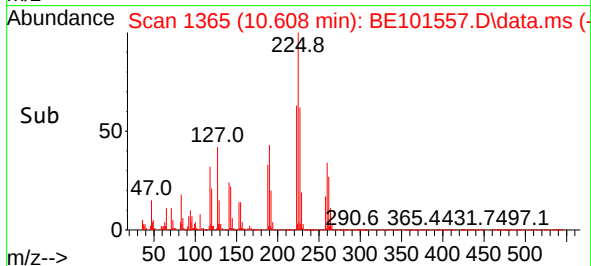
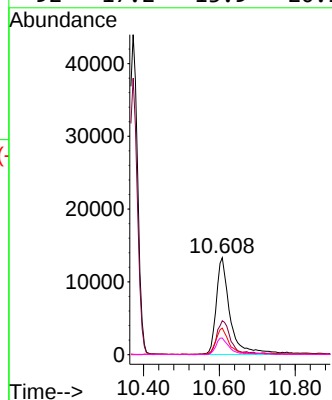
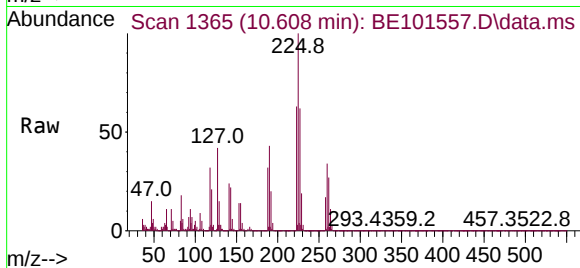
#33
4-Chloroaniline
Concen: 9.393 ng
RT: 10.608 min Scan# 1365
Delta R.T. 0.007 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Instrument :
BNA_E
ClientSampleId :
TP-14MS

Tgt Ion:	127	Resp:	3375
Ion Ratio	Lower	Upper	
127	100		
129	34.9	25.8	38.8
65	27.4	22.6	33.8
92	17.2	13.9	20.9

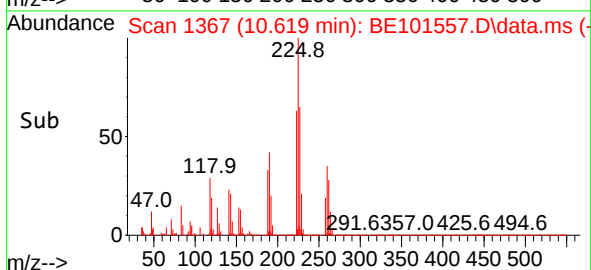
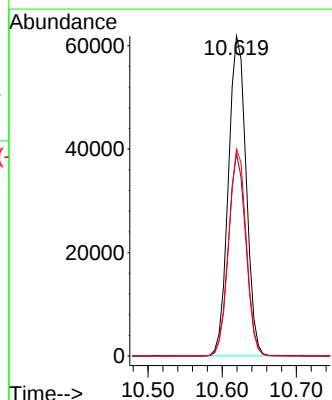
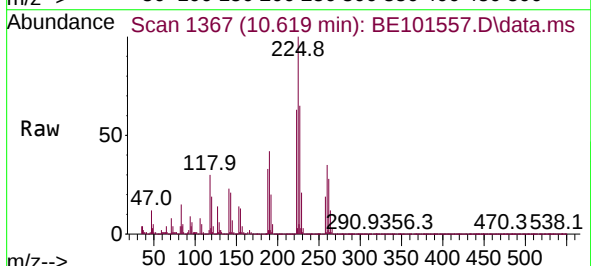
Manual Integrations
APPROVED

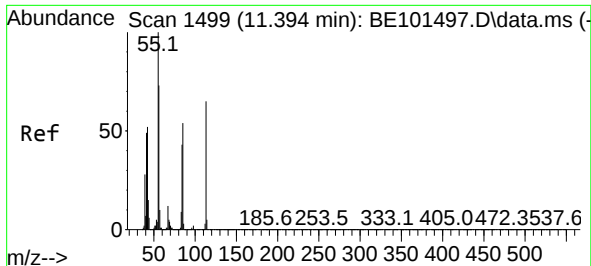
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#34
Hexachlorobutadiene
Concen: 51.140 ng
RT: 10.619 min Scan# 1367
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

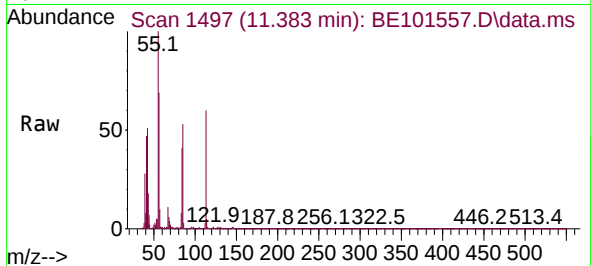
Tgt Ion:	225	Resp:	102512
Ion Ratio	Lower	Upper	
225	100		
223	63.2	51.0	76.6
227	64.7	51.0	76.6





#35
Caprolactam
Concen: 42.439 ng m
RT: 11.383 min Scan# 1499
Delta R.T. -0.011 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

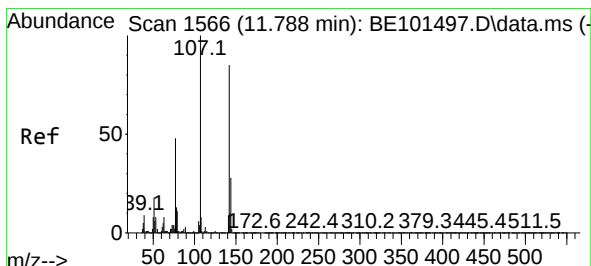
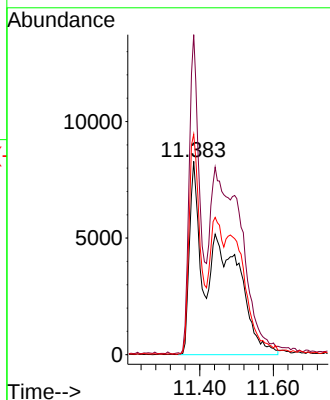
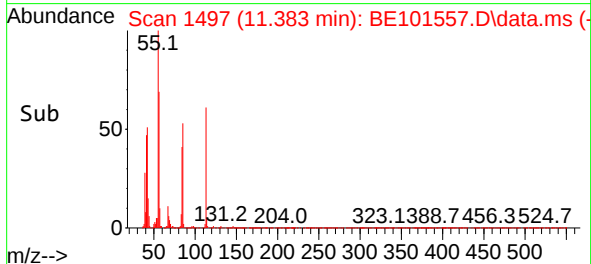
Instrument :
BNA_E
ClientSampleId :
TP-14MS



Tgt Ion:113 Resp: 4540
Ion Ratio Lower Upper
113 100
55 165.6 134.3 174.3
56 114.1 92.6 132.6

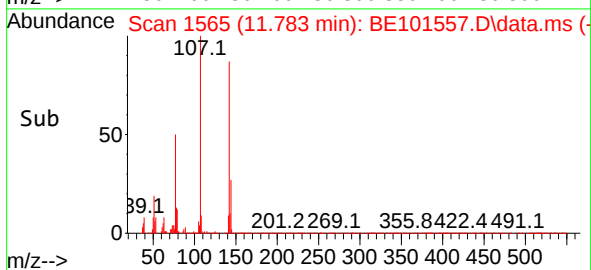
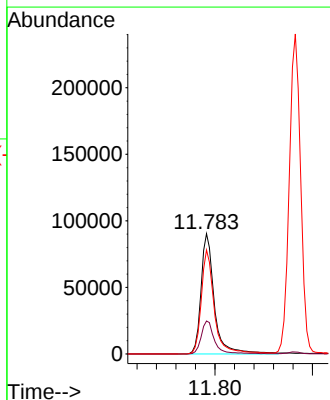
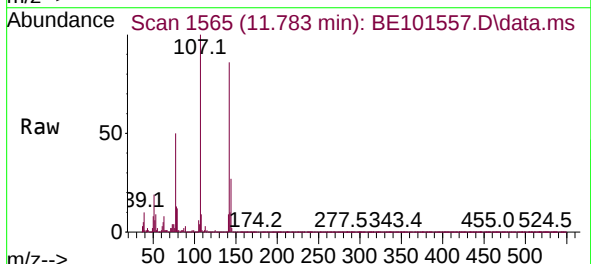
Manual Integrations
APPROVED

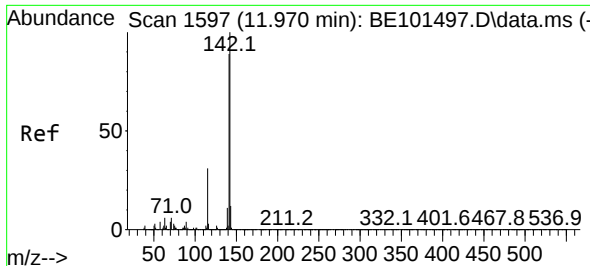
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#36
4-Chloro-3-methylphenol
Concen: 53.485 ng
RT: 11.783 min Scan# 1565
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

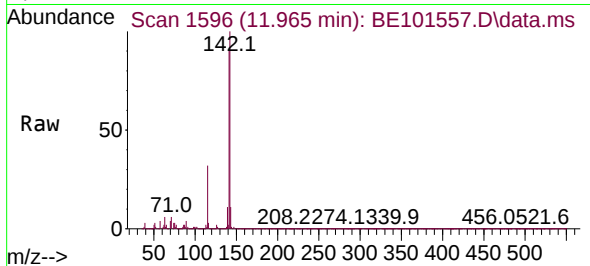
Tgt Ion:107 Resp: 170154
Ion Ratio Lower Upper
107 100
144 27.5 22.4 33.6
142 86.5 68.2 102.2





#37
2-Methylnaphthalene
Concen: 53.608 ng
RT: 11.965 min Scan# 1596
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

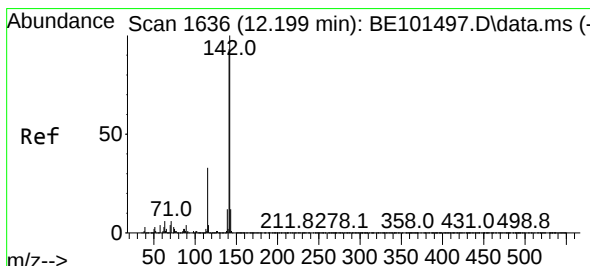
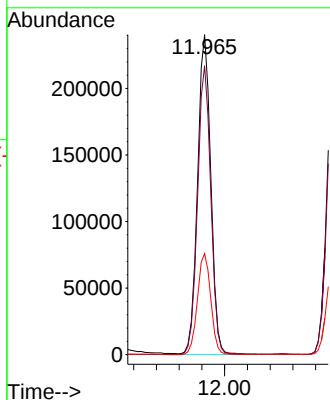
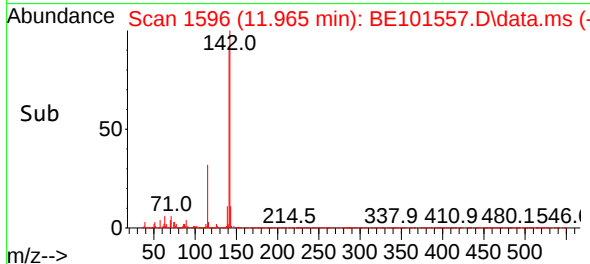
Instrument :
BNA_E
ClientSampleId :
TP-14MS



Tgt Ion:142 Resp: 389059
Ion Ratio Lower Upper
142 100
141 90.3 71.3 106.9
115 31.6 25.0 37.4

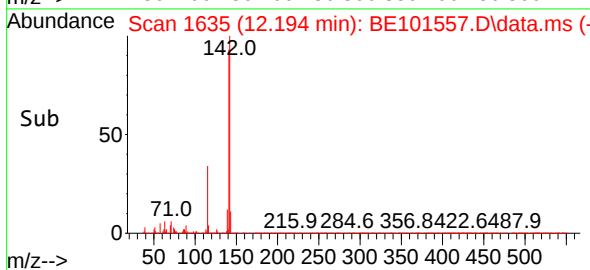
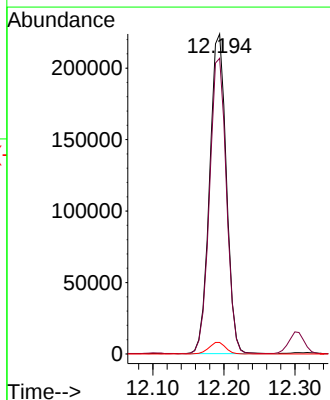
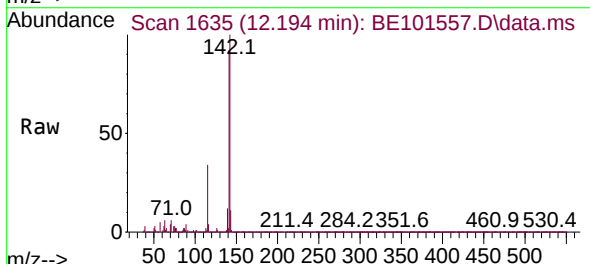
Manual Integrations
APPROVED

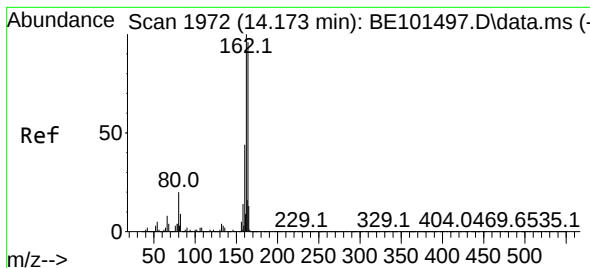
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#38
1-Methylnaphthalene
Concen: 50.574 ng
RT: 12.194 min Scan# 1635
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Tgt Ion:142 Resp: 366034
Ion Ratio Lower Upper
142 100
141 92.4 74.7 112.1
116 3.6 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.168 min Scan# 1972

Delta R.T. -0.005 min

Lab File: BE101557.D

Acq: 8 Nov 2024 18:07

Instrument :

BNA_E

ClientSampleId :

TP-14MS

Tgt Ion:164 Resp: 130758

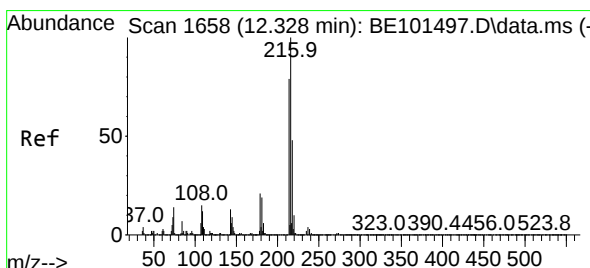
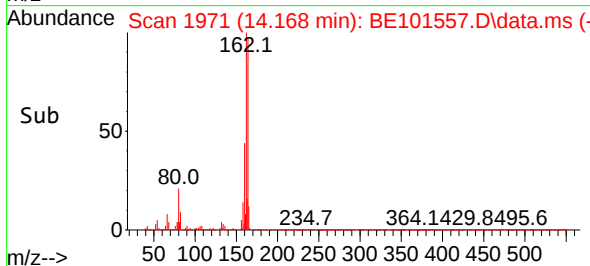
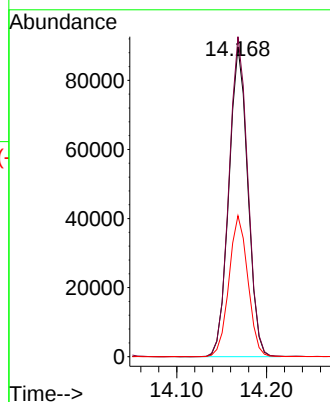
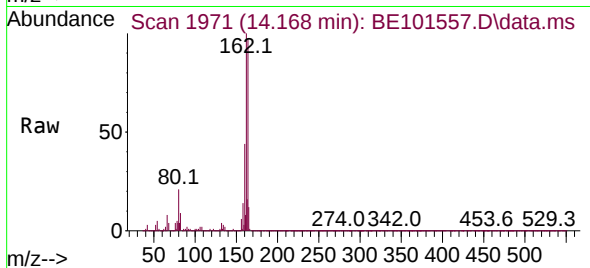
Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.7	125.5
160	45.4	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.286 ng

RT: 12.323 min Scan# 1657

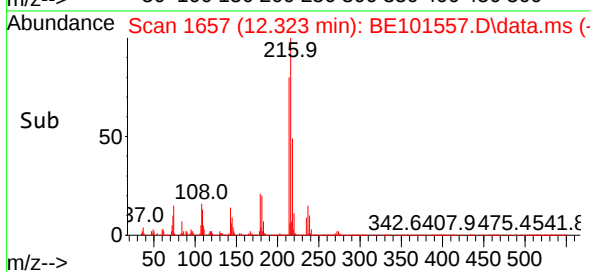
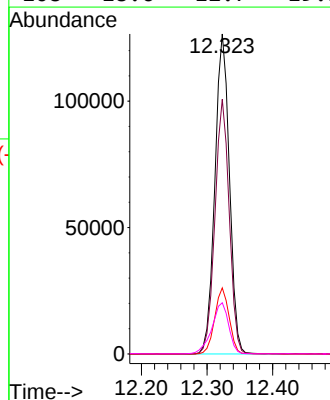
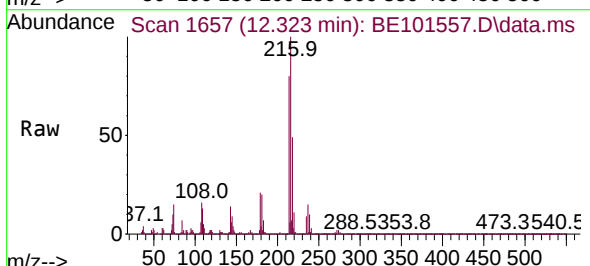
Delta R.T. -0.005 min

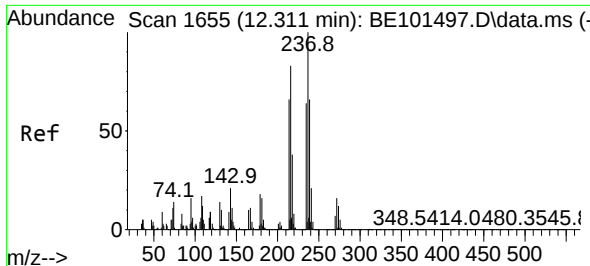
Lab File: BE101557.D

Acq: 8 Nov 2024 18:07

Tgt Ion:216 Resp: 194039

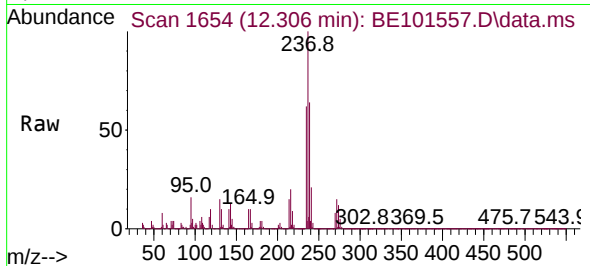
Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.6	93.8
179	20.5	16.4	24.6
108	18.6	12.7	19.1





#41
Hexachlorocyclopentadiene
Concen: 225.742 ng
RT: 12.306 min Scan# 1654
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

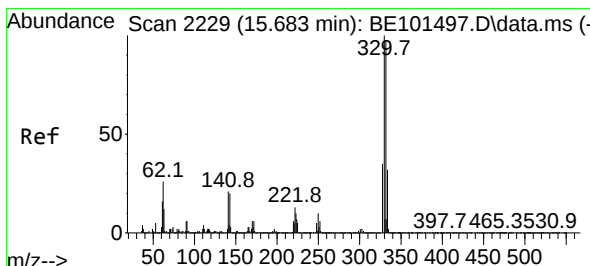
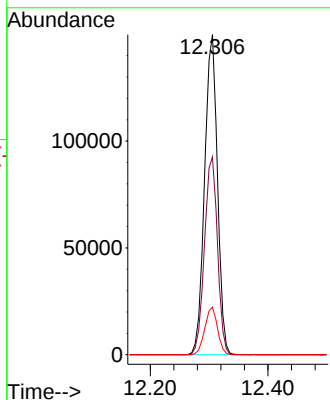
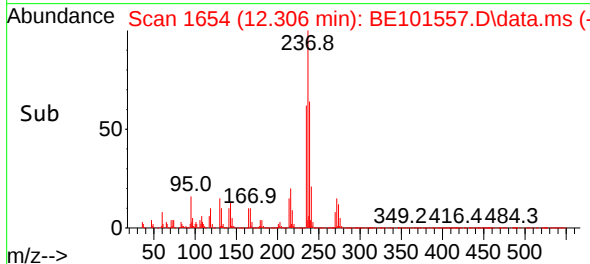
Instrument :
BNA_E
ClientSampleId :
TP-14MS



Tgt Ion:237 Resp: 227100
Ion Ratio Lower Upper
237 100
235 61.8 43.5 83.5
272 14.8 0.0 35.6

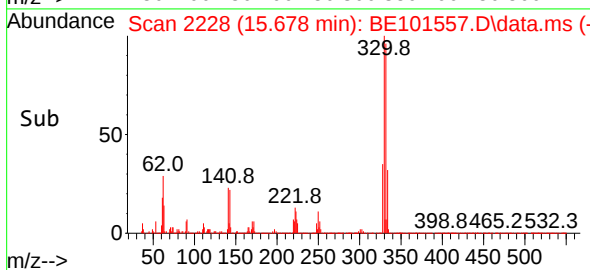
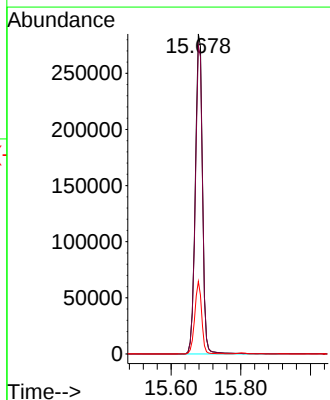
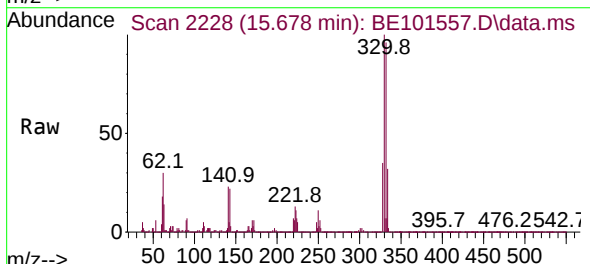
Manual Integrations
APPROVED

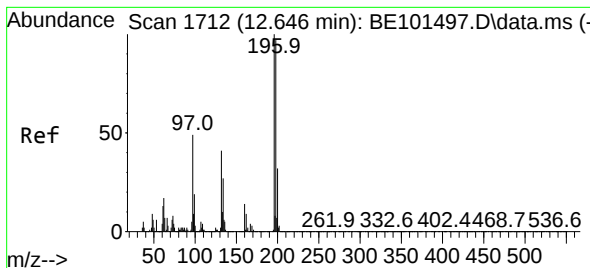
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#42
2,4,6-Tribromophenol
Concen: 165.623 ng
RT: 15.678 min Scan# 2228
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Tgt Ion:330 Resp: 407511
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 21.8 17.0 25.4





#43

2,4,6-Trichlorophenol

Concen: 58.951 ng

RT: 12.646 min Scan# 1712

Delta R.T. 0.001 min

Lab File: BE101557.D

Acq: 8 Nov 2024 18:07

Instrument :

BNA_E

ClientSampleId :

TP-14MS

Tgt Ion:196 Resp: 139570

Ion Ratio Lower Upper

196 100

198 97.1 77.7 116.5

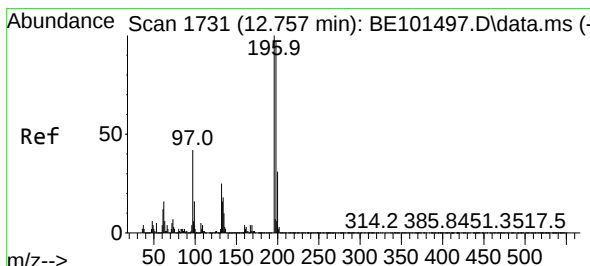
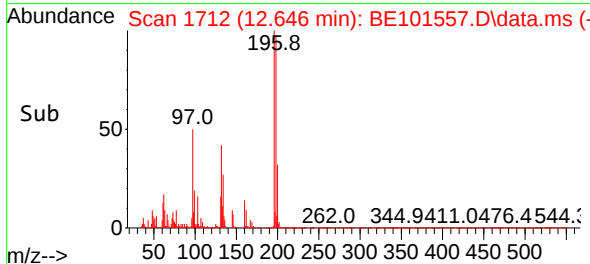
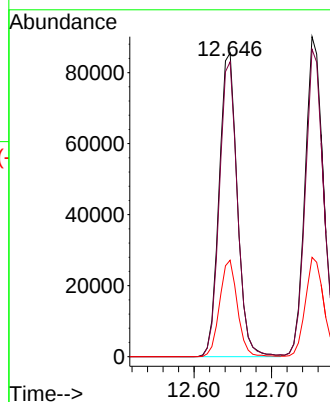
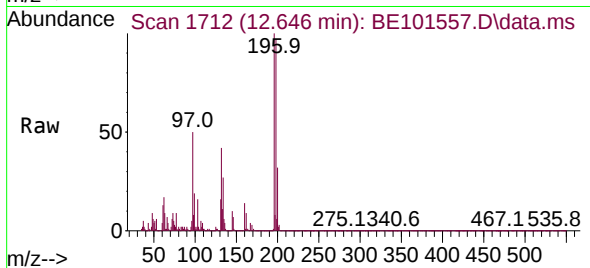
200 31.8 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#44

2,4,5-Trichlorophenol

Concen: 57.669 ng

RT: 12.752 min Scan# 1730

Delta R.T. -0.005 min

Lab File: BE101557.D

Acq: 8 Nov 2024 18:07

Tgt Ion:196 Resp: 152110

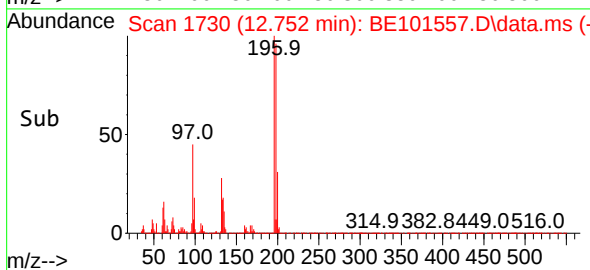
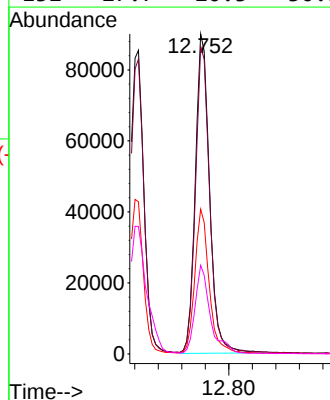
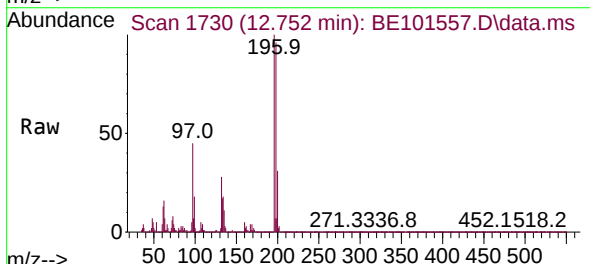
Ion Ratio Lower Upper

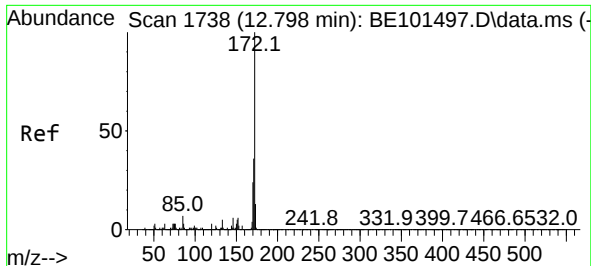
196 100

198 96.1 77.3 115.9

97 45.2 33.4 50.0

132 27.7 20.3 30.5





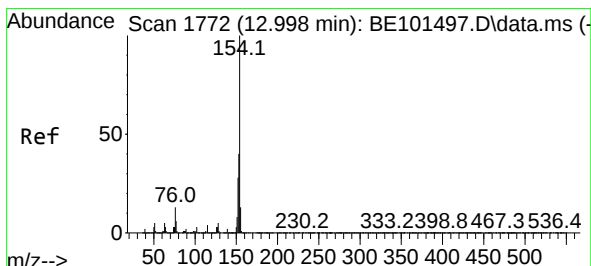
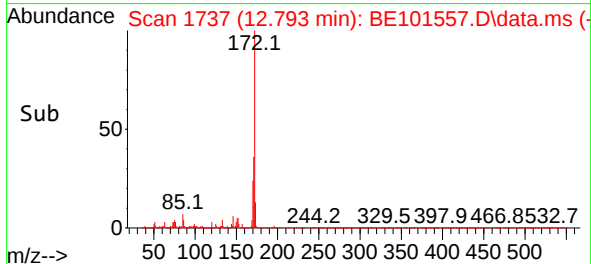
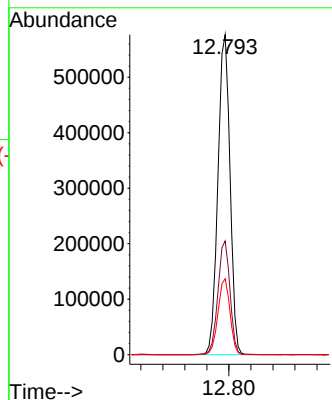
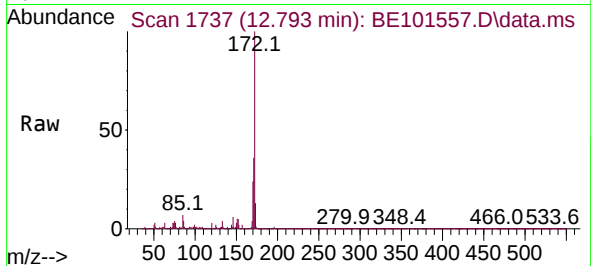
#45
2-Fluorobiphenyl
Concen: 109.923 ng
RT: 12.793 min Scan# 1737
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Instrument :
BNA_E
ClientSampleId :
TP-14MS

Tgt Ion:172 Resp: 88028
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.7 18.9 28.3

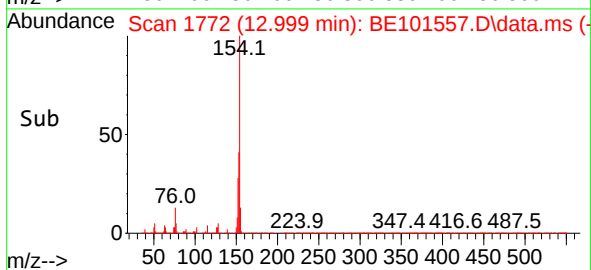
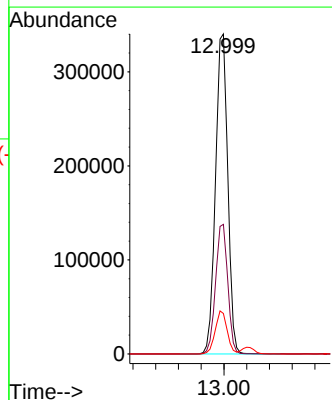
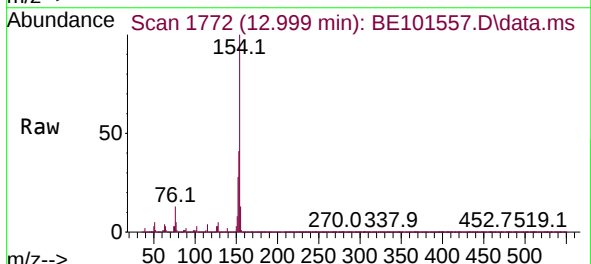
Manual Integrations
APPROVED

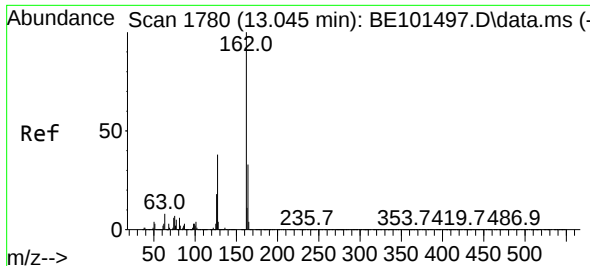
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#46
1,1'-Biphenyl
Concen: 56.209 ng
RT: 12.999 min Scan# 1772
Delta R.T. 0.001 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Tgt Ion:154 Resp: 506984
Ion Ratio Lower Upper
154 100
153 40.5 19.7 59.7
76 12.7 0.0 33.0





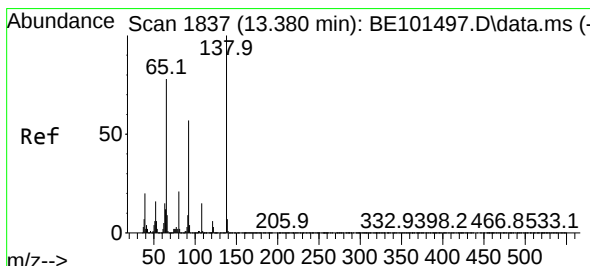
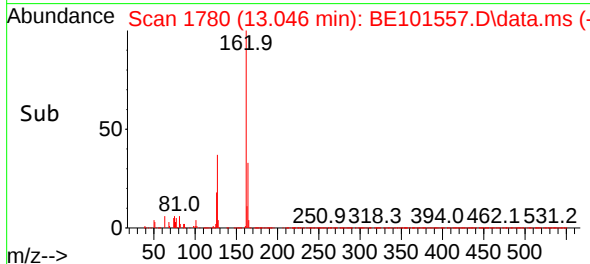
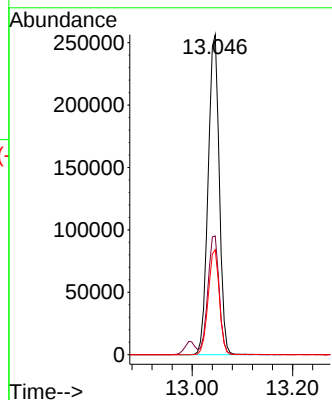
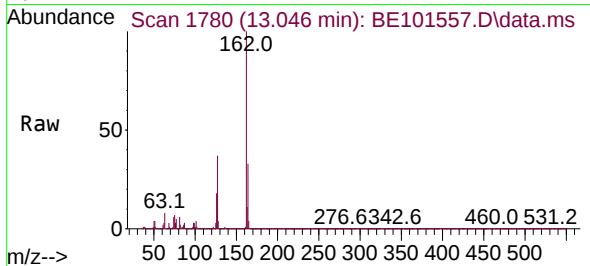
#47
2-Chloronaphthalene
Concen: 55.729 ng
RT: 13.046 min Scan# 11
Delta R.T. 0.001 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Instrument :
BNA_E
ClientSampleId :
TP-14MS

Tgt Ion:162 Resp: 396452
Ion Ratio Lower Upper
162 100
127 37.1 30.2 45.4
164 32.8 26.4 39.6

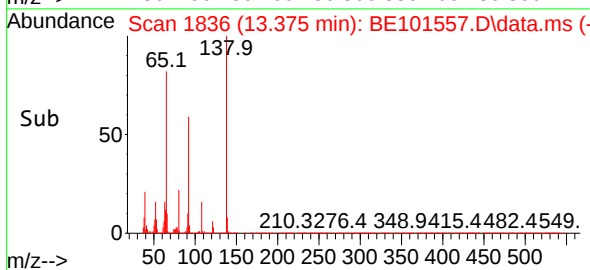
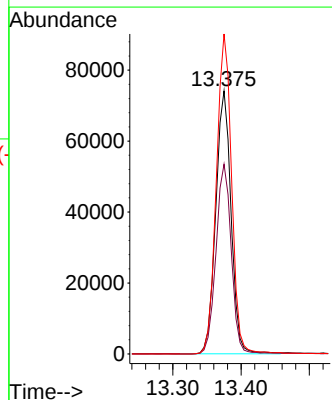
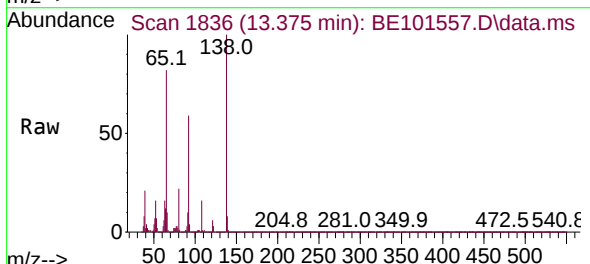
Manual Integrations
APPROVED

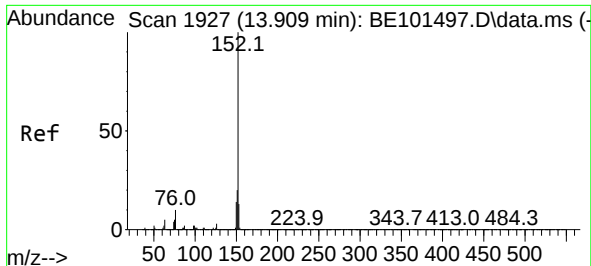
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#48
2-Nitroaniline
Concen: 61.439 ng
RT: 13.375 min Scan# 1836
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Tgt Ion: 65 Resp: 115695
Ion Ratio Lower Upper
65 100
92 72.1 58.9 88.3
138 121.7 103.0 154.6





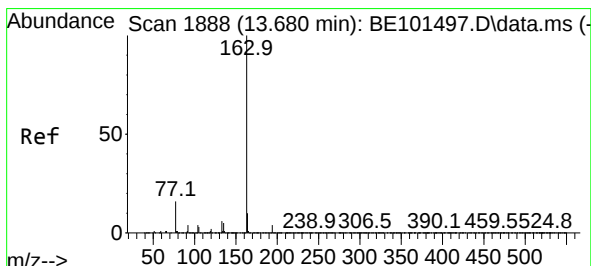
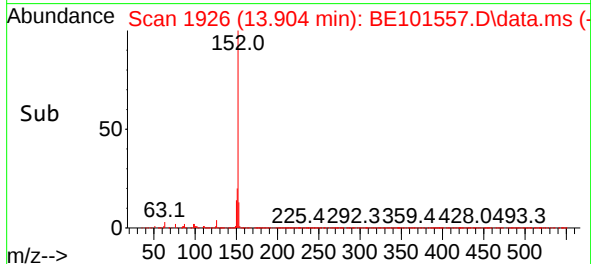
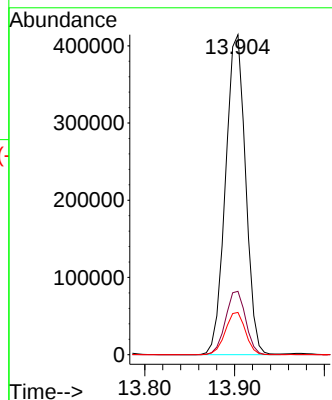
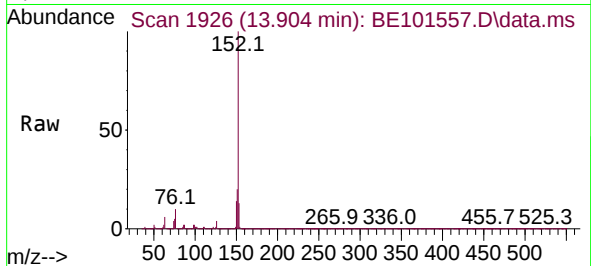
#49
Acenaphthylene
Concen: 60.521 ng
RT: 13.904 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Instrument :
BNA_E
ClientSampleId :
TP-14MS

Tgt Ion:152 Resp: 641600
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.2 10.3 15.5

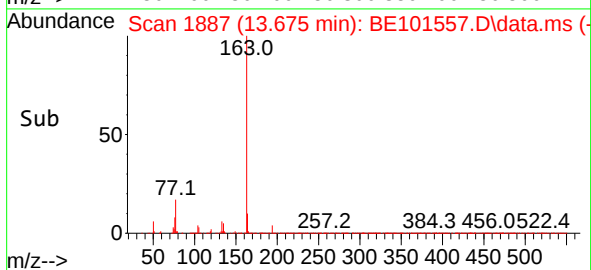
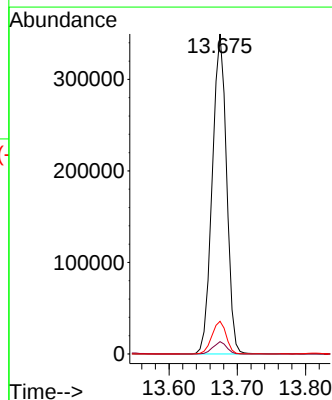
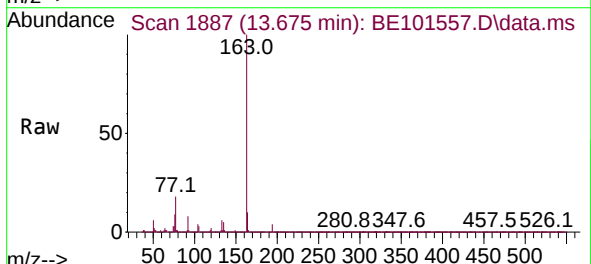
Manual Integrations
APPROVED

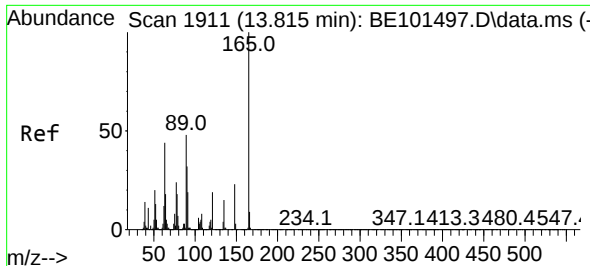
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#50
Dimethylphthalate
Concen: 54.795 ng
RT: 13.675 min Scan# 1887
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Tgt Ion:163 Resp: 510212
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 53.375 ng
RT: 13.810 min Scan# 1911
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Instrument :

BNA_E

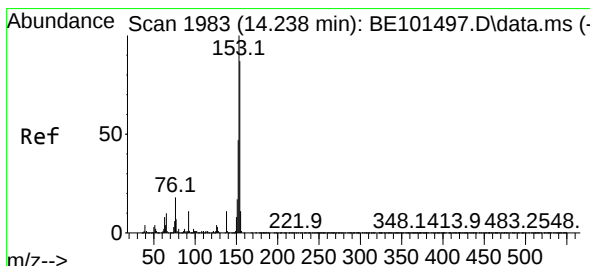
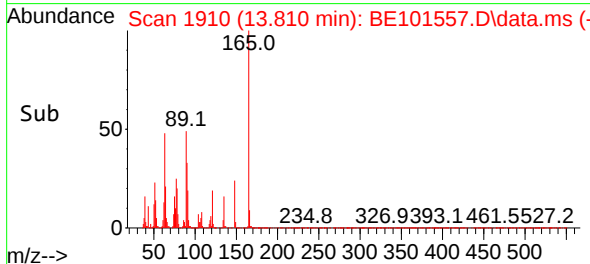
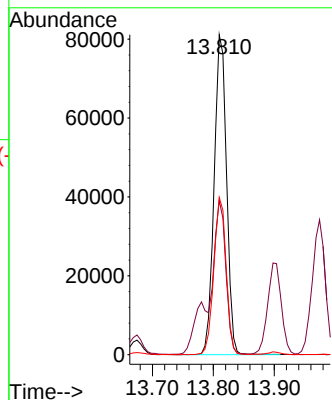
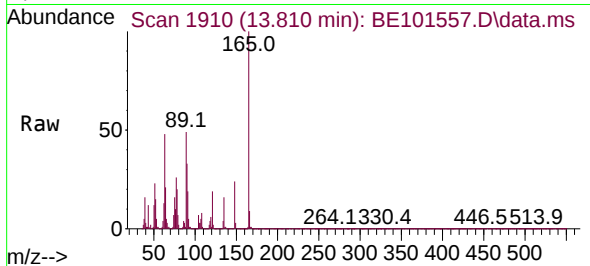
ClientSampleId :

TP-14MS

Tgt Ion:165 Resp: 11470
Ion Ratio Lower Upper
165 100
63 48.1 37.2 55.8
89 49.1 38.4 57.6

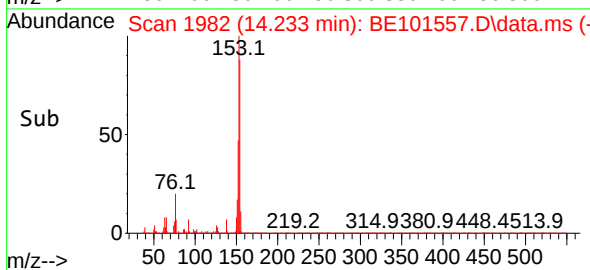
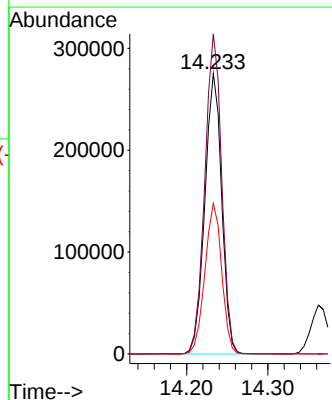
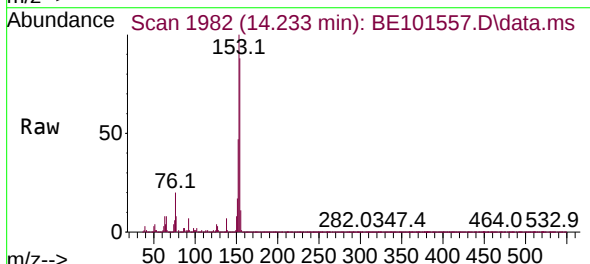
Manual Integrations
APPROVED

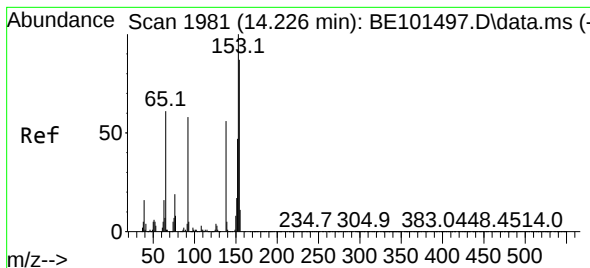
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#52
Acenaphthene
Concen: 58.392 ng
RT: 14.233 min Scan# 1982
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Tgt Ion:154 Resp: 395027
Ion Ratio Lower Upper
154 100
153 114.1 92.3 138.5
152 53.7 43.6 65.4





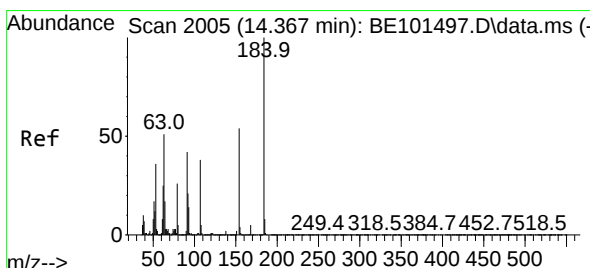
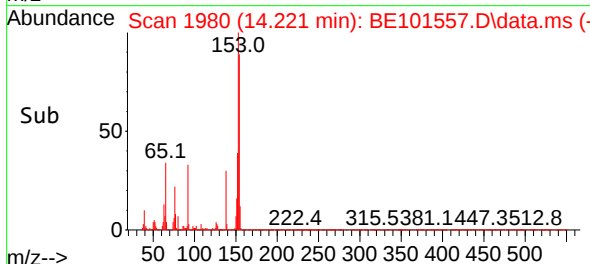
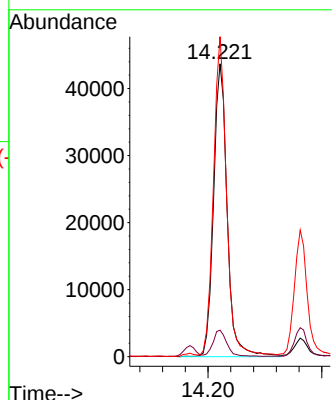
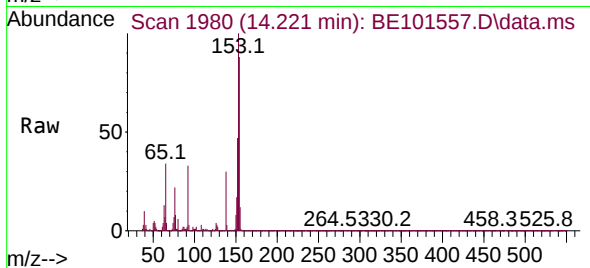
#53
3-Nitroaniline
Concen: 34.603 ng
RT: 14.221 min Scan# 1981
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Instrument :
BNA_E
ClientSampleId :
TP-14MS

Tgt Ion:138 Resp: 7219
Ion Ratio Lower Upper
138 100
108 9.1 7.2 10.8
92 109.2 83.0 124.4

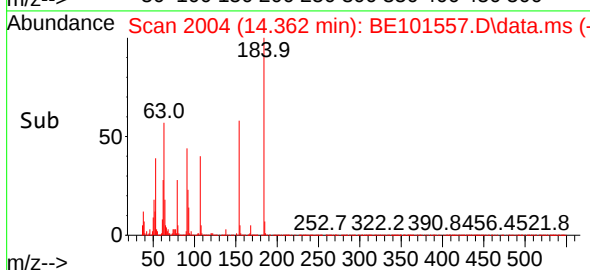
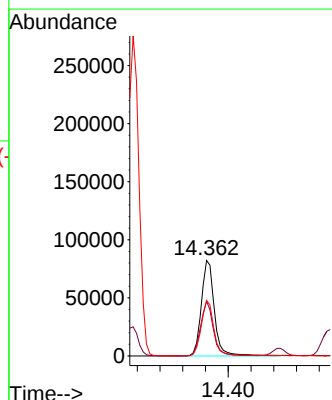
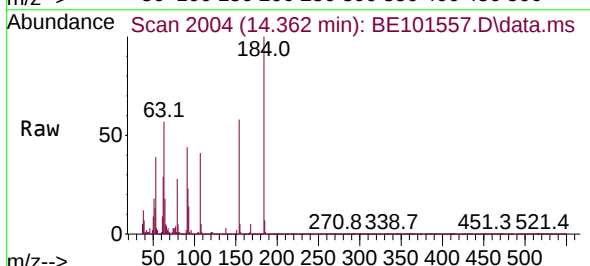
Manual Integrations
APPROVED

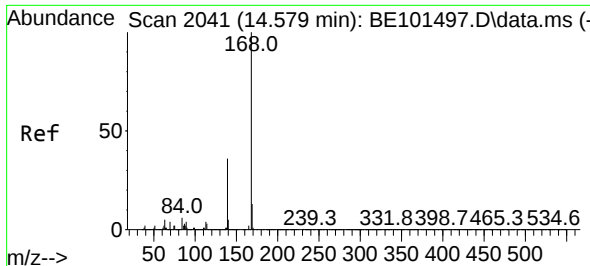
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#54
2,4-Dinitrophenol
Concen: 104.051 ng
RT: 14.362 min Scan# 2004
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Tgt Ion:184 Resp: 131043
Ion Ratio Lower Upper
184 100
63 57.4 41.0 61.4
154 58.1 43.2 64.8





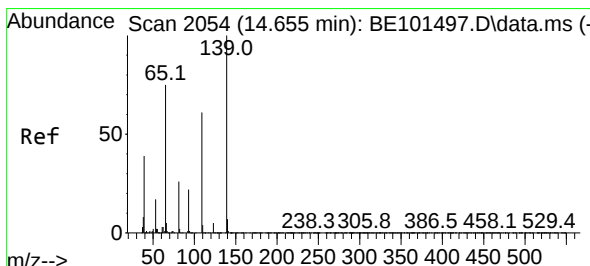
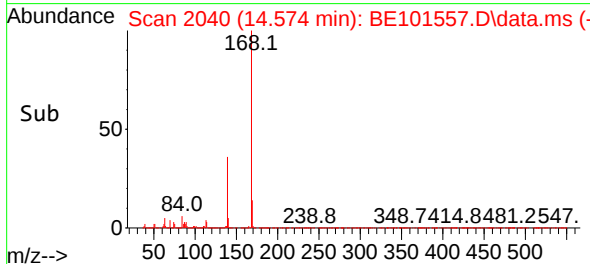
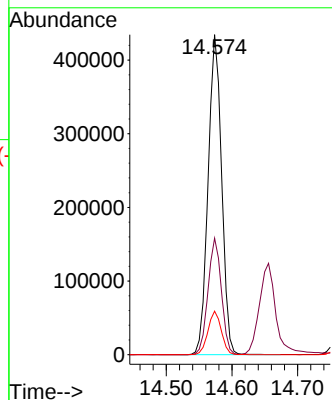
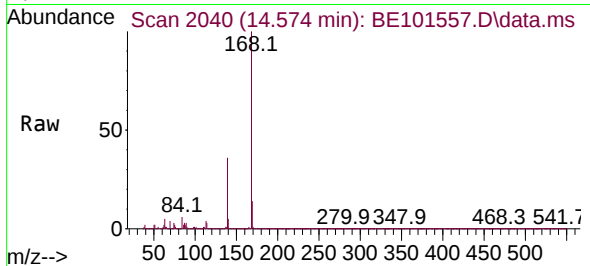
#55
Dibenzofuran
Concen: 57.221 ng
RT: 14.574 min Scan# 2041
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Instrument :
BNA_E
ClientSampleId :
TP-14MS

Tgt Ion:168 Resp: 623362
Ion Ratio Lower Upper
168 100
139 36.4 29.1 43.7
169 13.6 10.6 16.0

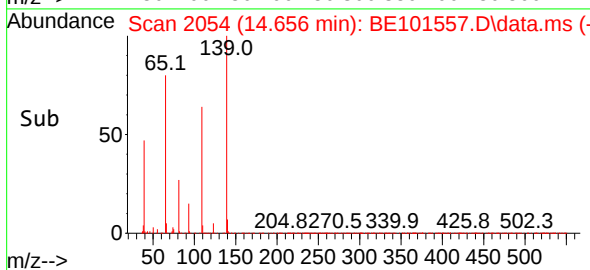
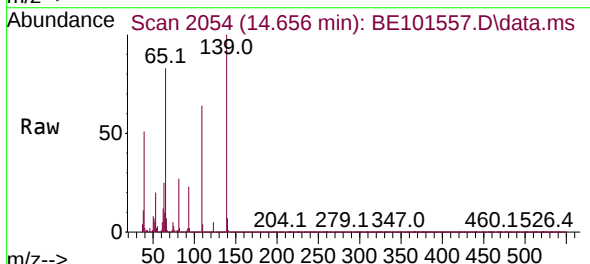
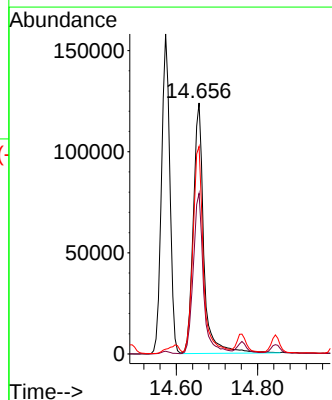
Manual Integrations
APPROVED

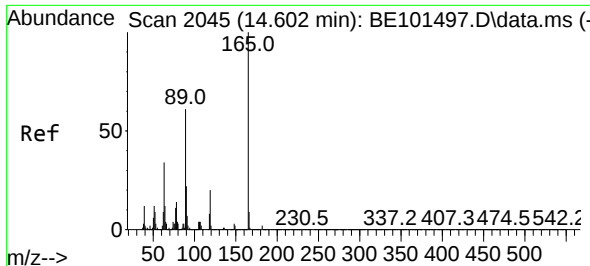
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#56
4-Nitrophenol
Concen: 129.292 ng
RT: 14.656 min Scan# 2054
Delta R.T. 0.001 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Tgt Ion:139 Resp: 222745
Ion Ratio Lower Upper
139 100
109 64.0 40.7 80.7
65 82.7 58.0 98.0





#57
2,4-Dinitrotoluene
Concen: 55.404 ng
RT: 14.597 min Scan# 2044
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Instrument :

BNA_E

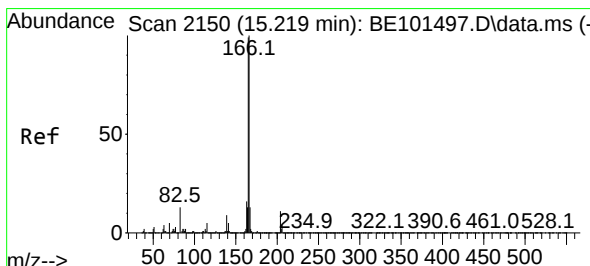
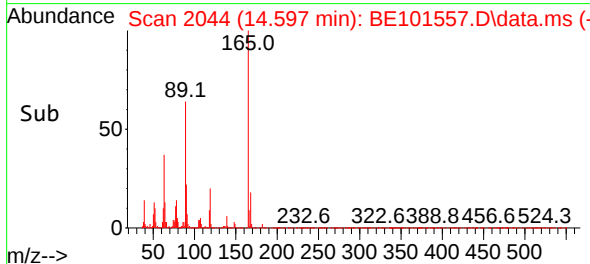
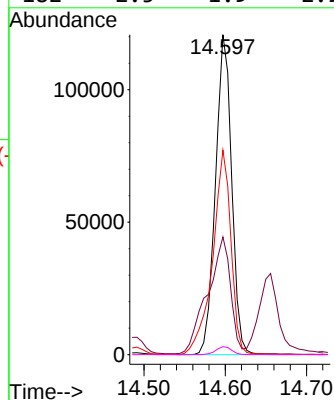
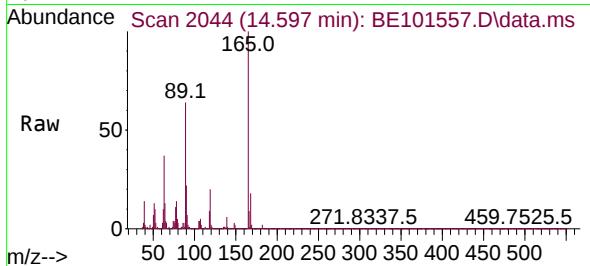
ClientSampleId :

TP-14MS

Tgt Ion:165 Resp: 16727
Ion Ratio Lower Upper
165 100
63 36.8 27.8 41.8
89 63.9 49.5 74.3
182 2.5 1.9 2.9

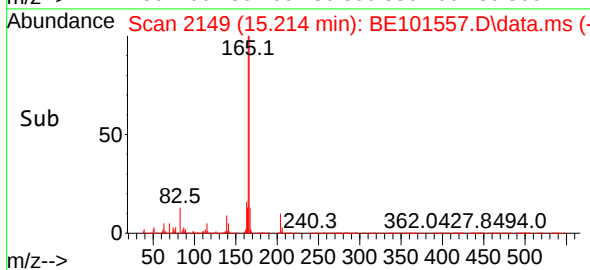
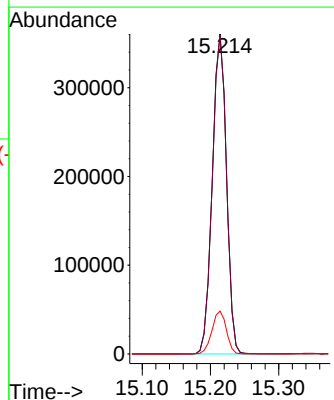
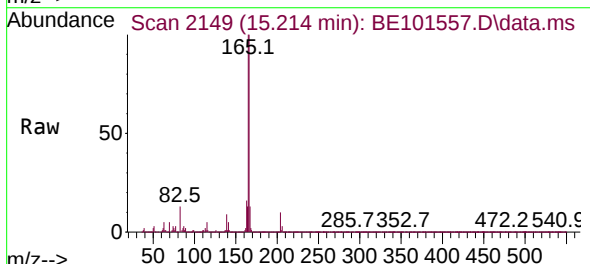
Manual Integrations
APPROVED

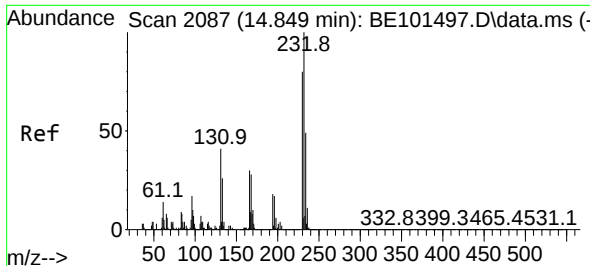
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#58
Fluorene
Concen: 57.318 ng
RT: 15.214 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Tgt Ion:166 Resp: 521107
Ion Ratio Lower Upper
166 100
165 99.7 79.0 118.4
167 13.4 10.6 16.0





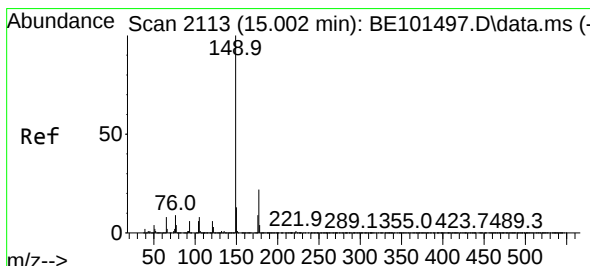
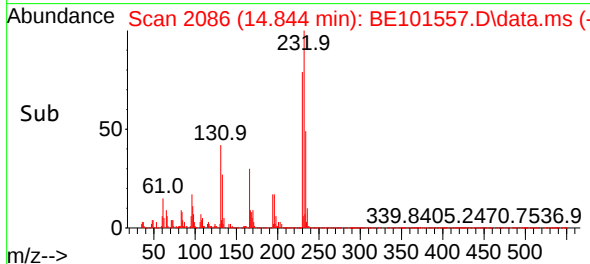
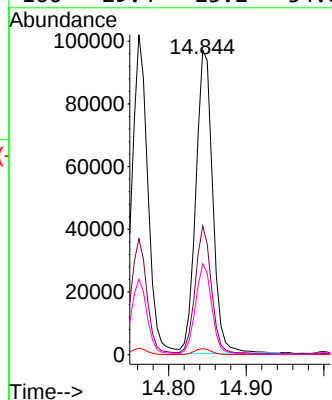
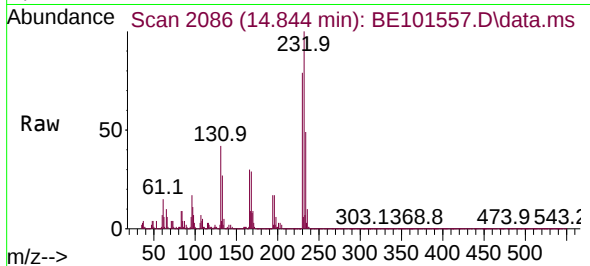
#59
2,3,4,6-Tetrachlorophenol
Concen: 59.759 ng
RT: 14.844 min Scan# 2087
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Instrument :
BNA_E
ClientSampleId :
TP-14MS

Tgt Ion:232 Resp: 145852
Ion Ratio Lower Upper
232 100
131 41.8 32.2 48.4
130 2.0 1.5 2.3
166 29.4 23.2 34.8

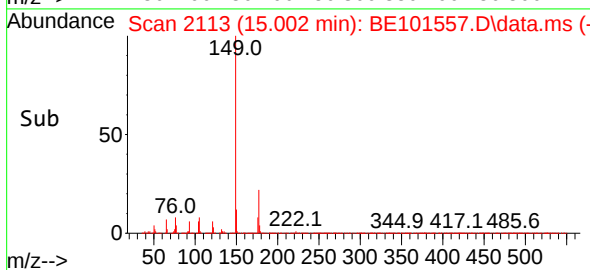
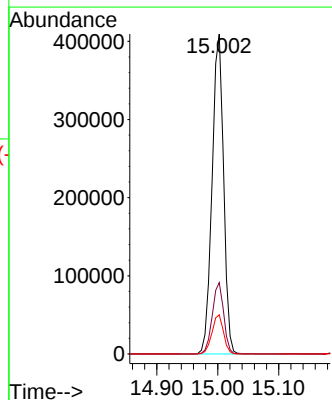
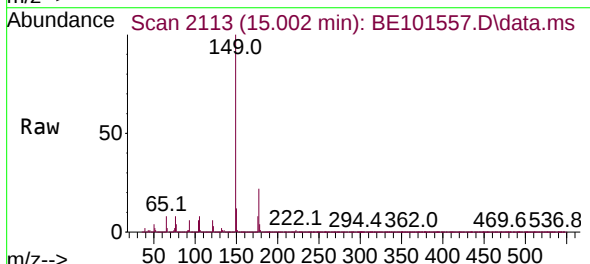
Manual Integrations
APPROVED

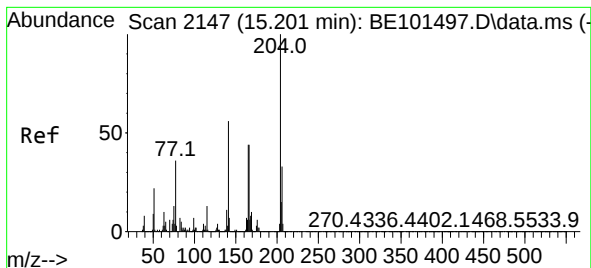
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#60
Diethylphthalate
Concen: 54.638 ng
RT: 15.002 min Scan# 2113
Delta R.T. 0.001 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Tgt Ion:149 Resp: 536422
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 12.3 10.0 15.0





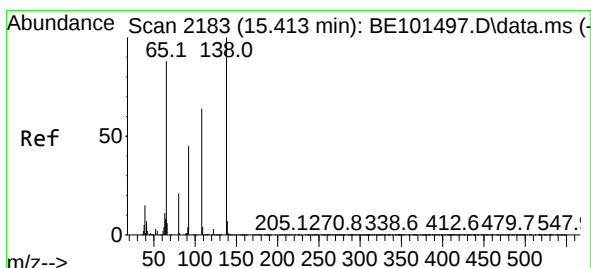
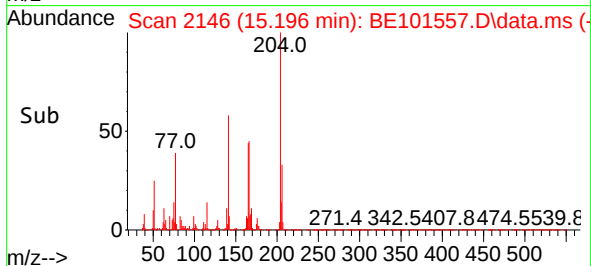
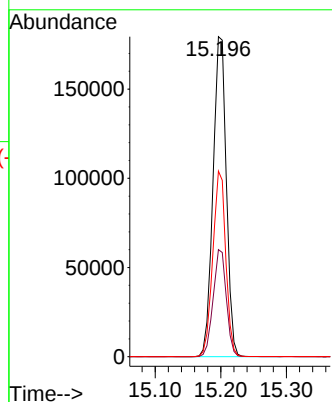
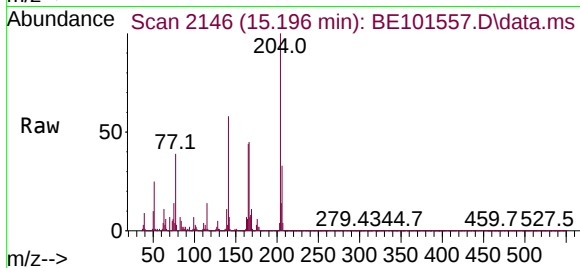
#61
4-Chlorophenyl-phenylether
Concen: 54.677 ng
RT: 15.196 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Instrument :
BNA_E
ClientSampleId :
TP-14MS

Tgt Ion:204 Resp: 252430
Ion Ratio Lower Upper
204 100
206 33.5 26.7 40.1
141 58.0 44.8 67.2

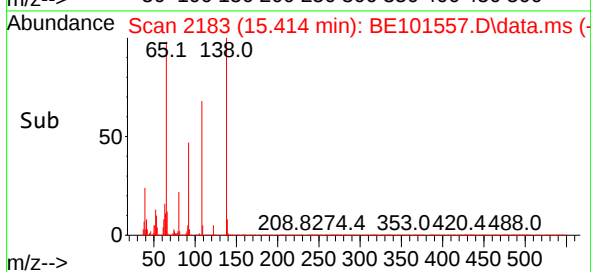
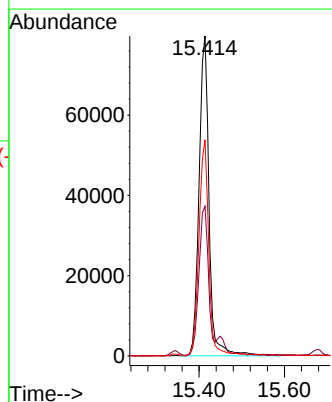
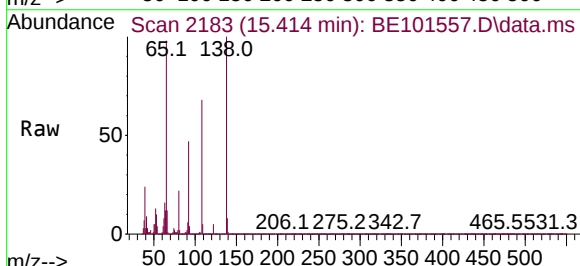
Manual Integrations
APPROVED

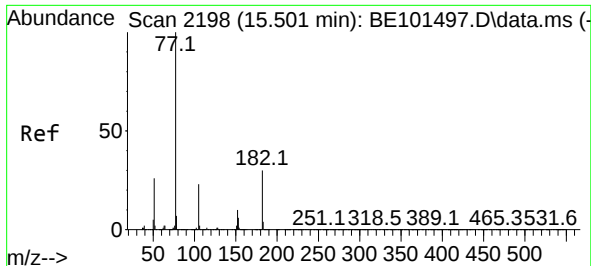
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#62
4-Nitroaniline
Concen: 57.786 ng
RT: 15.414 min Scan# 2183
Delta R.T. 0.001 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Tgt Ion:138 Resp: 129891
Ion Ratio Lower Upper
138 100
92 46.8 25.7 65.7
108 67.6 44.4 84.4





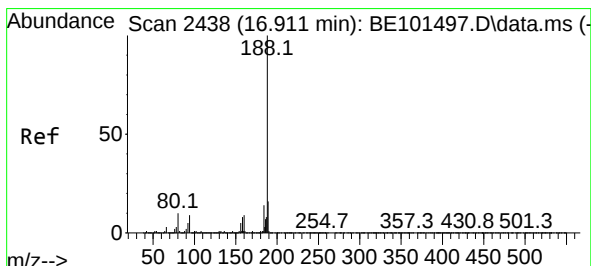
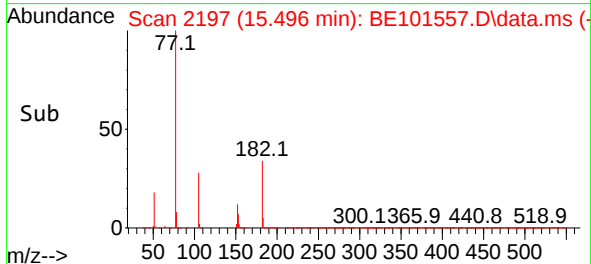
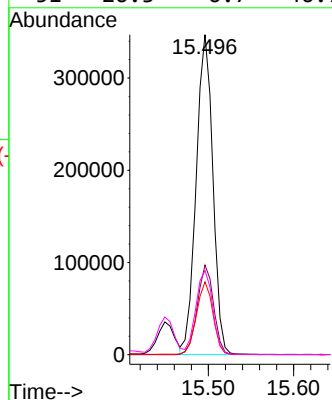
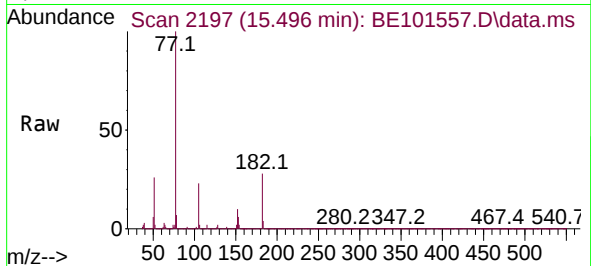
#63
Azobenzene
Concen: 58.773 ng
RT: 15.496 min Scan# 2198
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Instrument :
BNA_E
ClientSampleId :
TP-14MS

Tgt Ion: 77	Resp: 47075
Ion Ratio	Lower Upper
77 100	
182 28.0	9.1 49.1
105 22.8	3.2 43.2
51 26.3	6.7 46.7

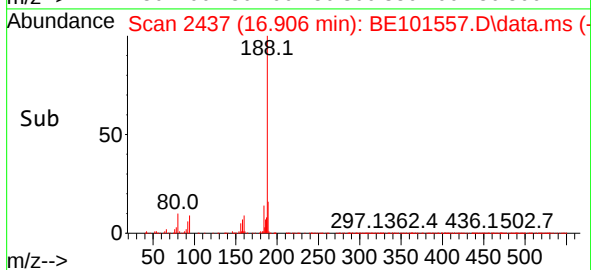
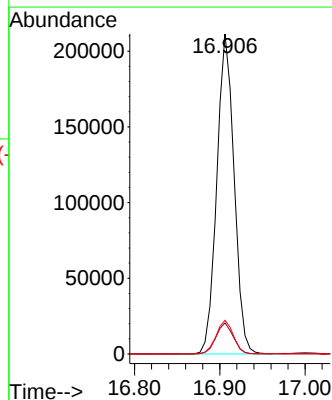
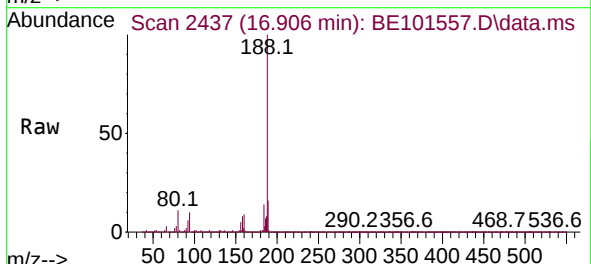
Manual Integrations
APPROVED

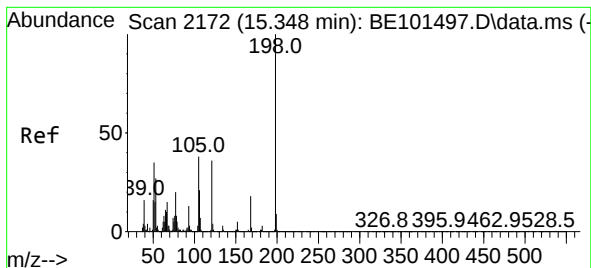
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.906 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Tgt Ion:188	Resp: 298419
Ion Ratio	Lower Upper
188 100	
94 9.7	7.4 11.2
80 10.5	8.0 12.0





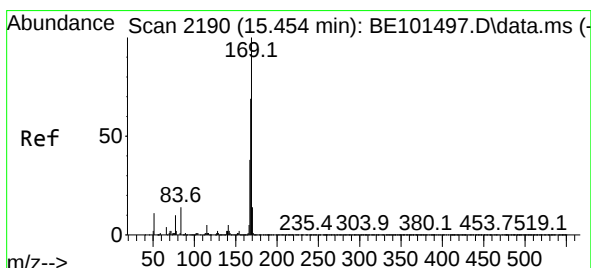
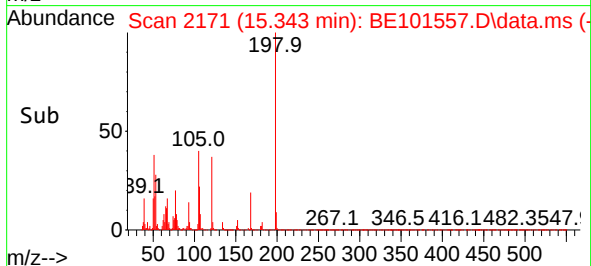
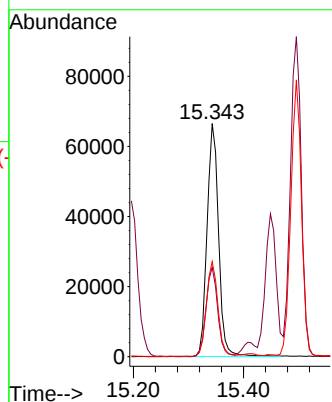
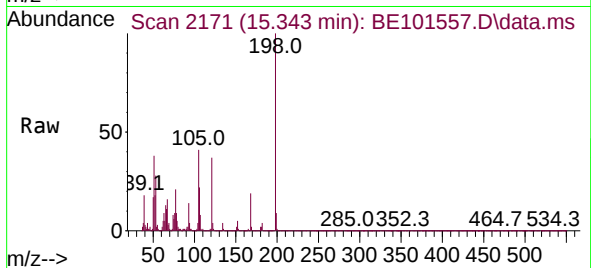
#65
4,6-Dinitro-2-methylphenol
Concen: 54.530 ng
RT: 15.343 min Scan# 2171
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Instrument :
BNA_E
ClientSampleId :
TP-14MS

Tgt Ion:198 Resp: 96590
Ion Ratio Lower Upper
198 100
51 38.3 15.3 55.3
105 40.8 18.5 58.5

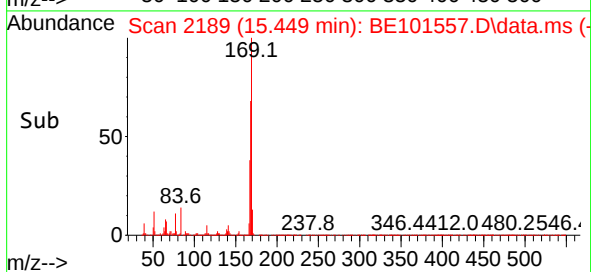
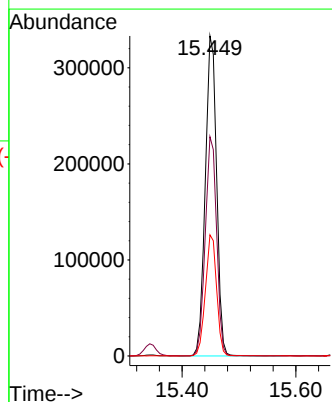
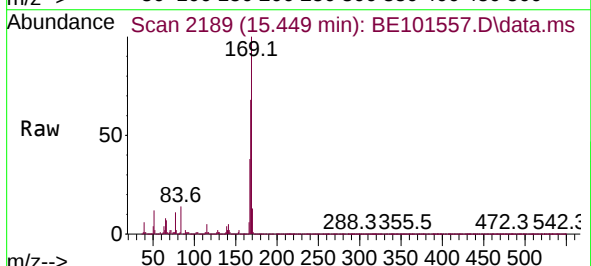
Manual Integrations
APPROVED

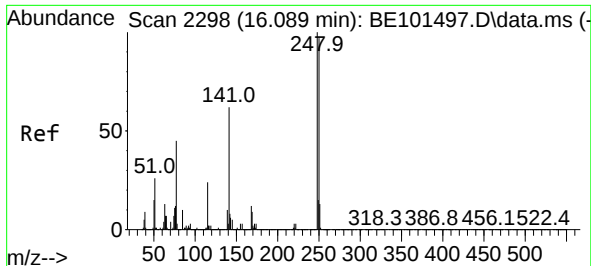
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#66
n-Nitrosodiphenylamine
Concen: 57.940 ng
RT: 15.449 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

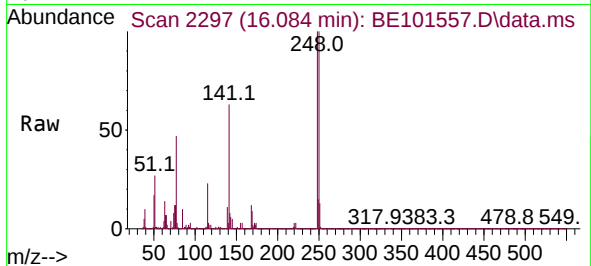
Tgt Ion:169 Resp: 458860
Ion Ratio Lower Upper
169 100
168 68.5 55.5 83.3
167 37.9 30.4 45.6





#67
4-Bromophenyl-phenylether
Concen: 54.801 ng
RT: 16.084 min Scan# 21
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

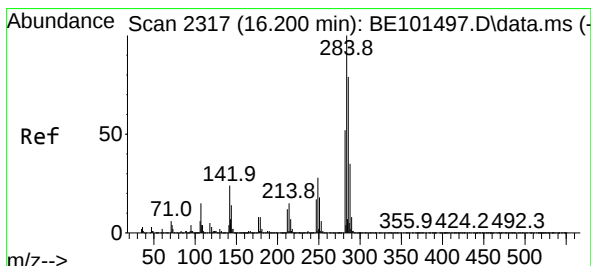
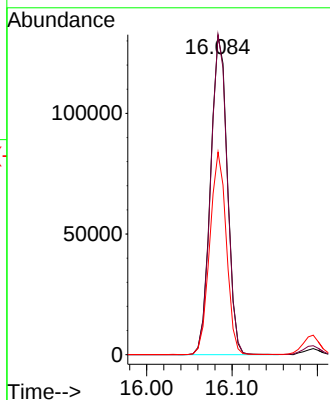
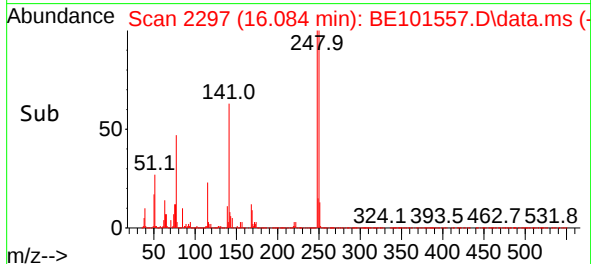
Instrument :
BNA_E
ClientSampleId :
TP-14MS



Tgt Ion:248 Resp: 180370
Ion Ratio Lower Upper
248 100
250 100.4 78.0 117.0
141 63.5 50.0 75.0

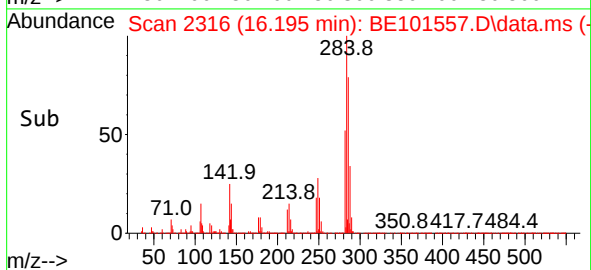
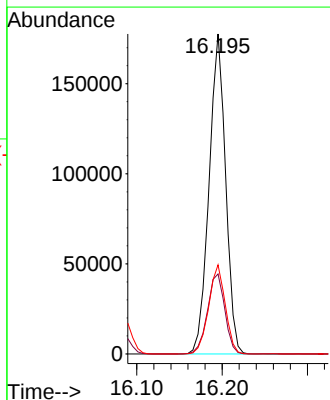
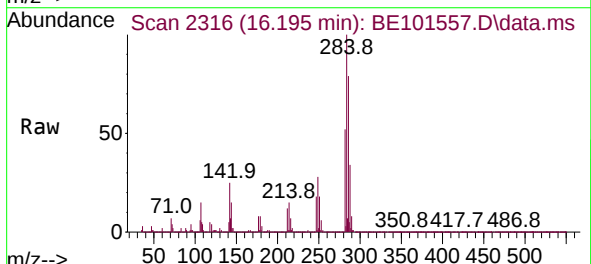
Manual Integrations
APPROVED

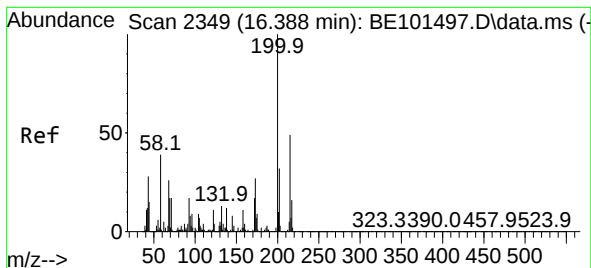
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#68
Hexachlorobenzene
Concen: 55.189 ng
RT: 16.195 min Scan# 2316
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Tgt Ion:284 Resp: 239062
Ion Ratio Lower Upper
284 100
142 25.0 19.4 29.2
249 27.8 22.4 33.6





#69

Atrazine

Concen: 74.328 ng

RT: 16.389 min Scan# 2349

Delta R.T. 0.001 min

Lab File: BE101557.D

Acq: 8 Nov 2024 18:07

Instrument :

BNB_E

ClientSampleId :

TP-14MS

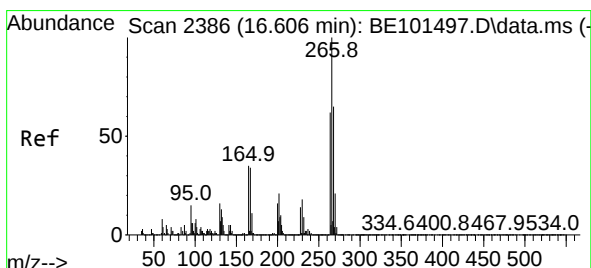
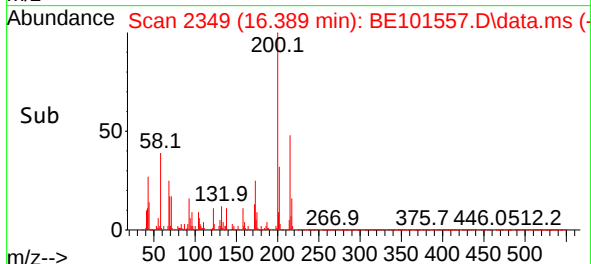
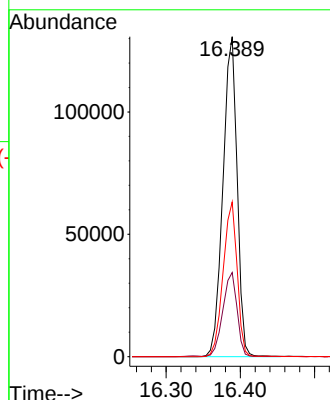
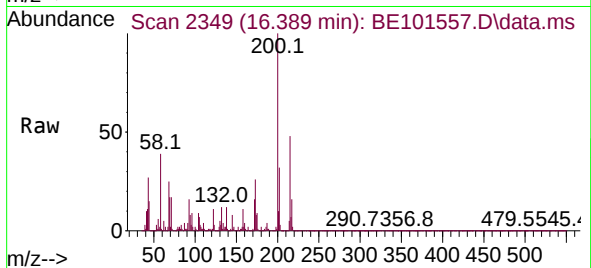
Tgt Ion:	200	Resp:	173790
Ion Ratio	Lower	Upper	
200	100		
173	26.3	7.4	47.4
215	48.4	28.9	68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#70

Pentachlorophenol

Concen: 125.742 ng

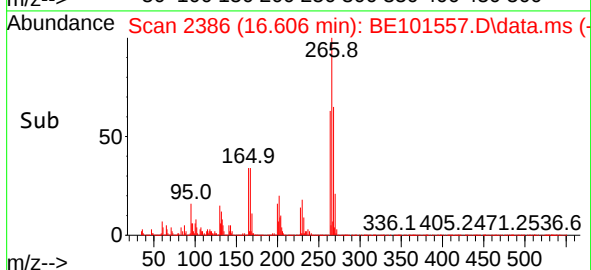
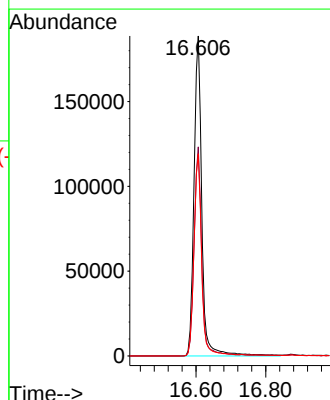
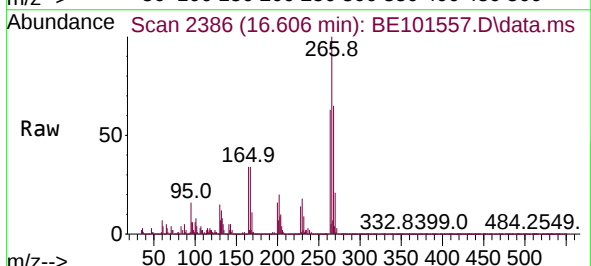
RT: 16.606 min Scan# 2386

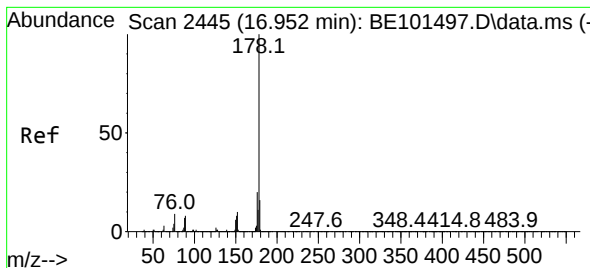
Delta R.T. 0.001 min

Lab File: BE101557.D

Acq: 8 Nov 2024 18:07

Tgt Ion:	266	Resp:	295532
Ion Ratio	Lower	Upper	
266	100		
268	65.3	52.0	78.0
264	63.2	49.6	74.4





#71

Phenanthrene

Concen: 60.269 ng

RT: 16.947 min Scan# 2445

Delta R.T. -0.005 min

Lab File: BE101557.D

Acq: 8 Nov 2024 18:07

Instrument :

BNA_E

ClientSampleId :

TP-14MS

Tgt Ion:178 Resp: 874759

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

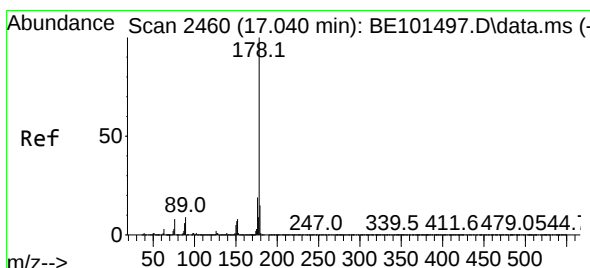
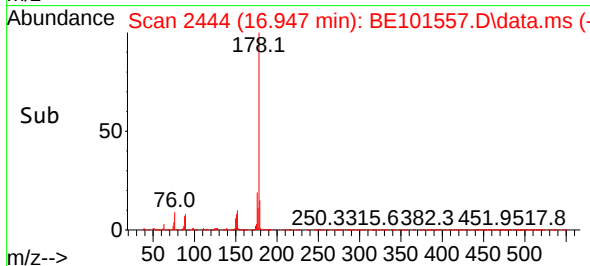
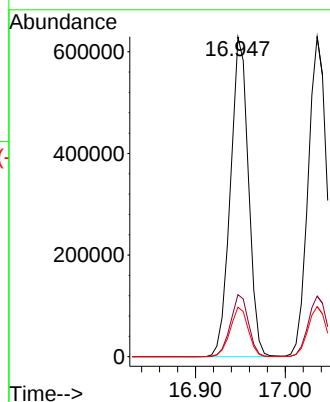
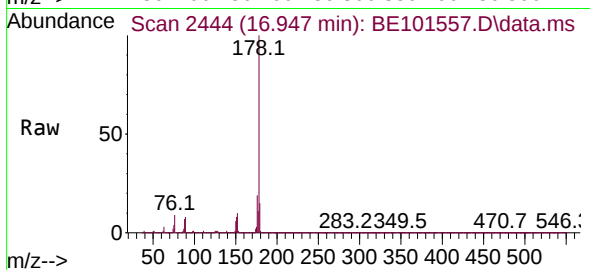
179 15.5 12.6 19.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#72

Anthracene

Concen: 63.136 ng

RT: 17.035 min Scan# 2459

Delta R.T. -0.005 min

Lab File: BE101557.D

Acq: 8 Nov 2024 18:07

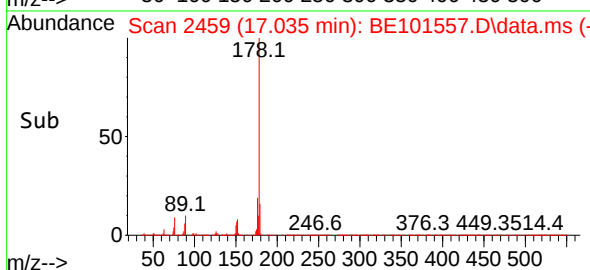
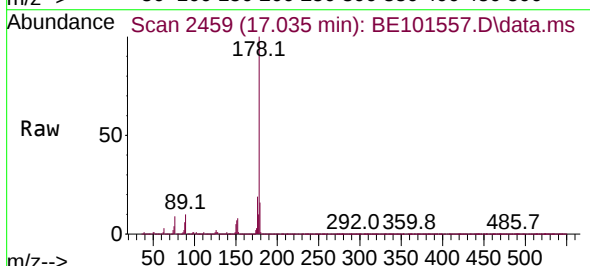
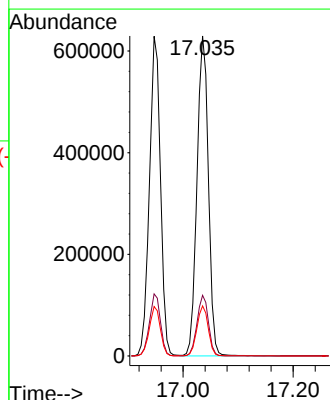
Tgt Ion:178 Resp: 904945

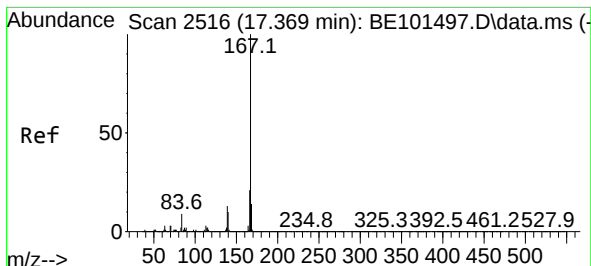
Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.7 12.4 18.6





#73

Carbazole

Concen: 60.331 ng

RT: 17.364 min Scan# 2516

Delta R.T. -0.005 min

Lab File: BE101557.D

Acq: 8 Nov 2024 18:07

Instrument :

BNA_E

ClientSampleId :

TP-14MS

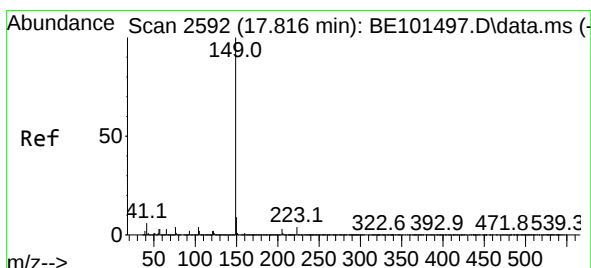
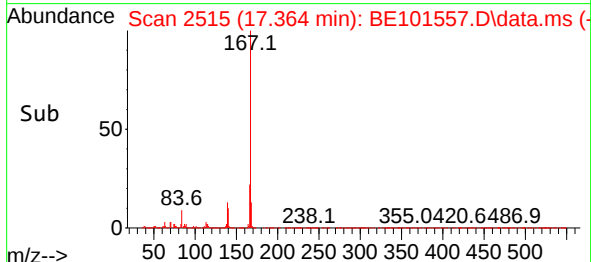
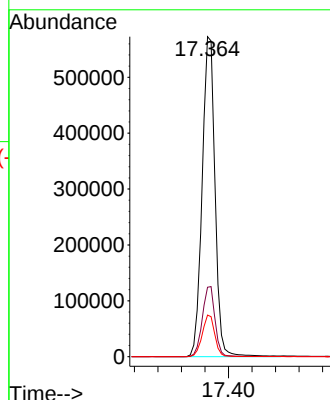
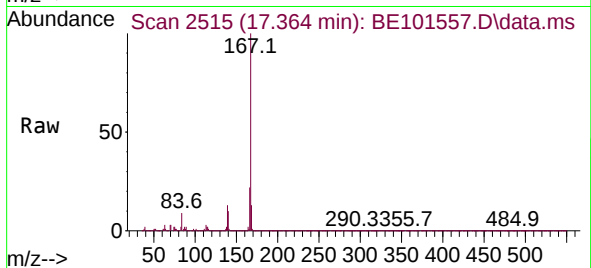
Tgt Ion:167 Resp: 867175
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.0 10.2 15.2

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: 57.554 ng

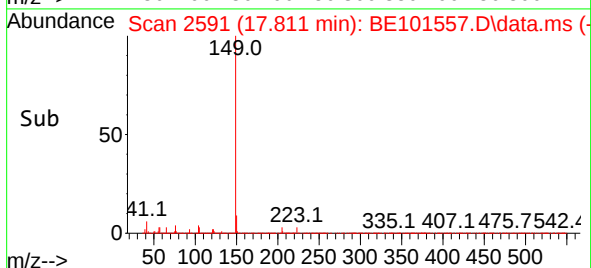
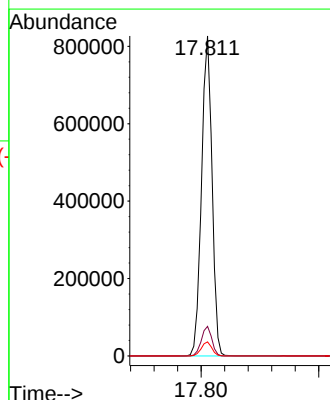
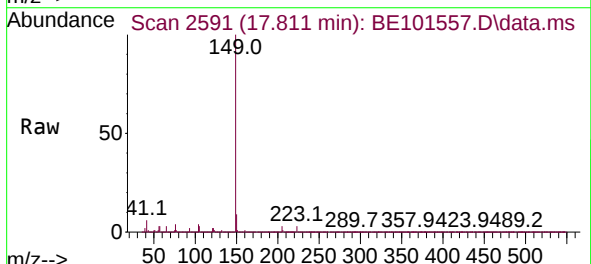
RT: 17.811 min Scan# 2591

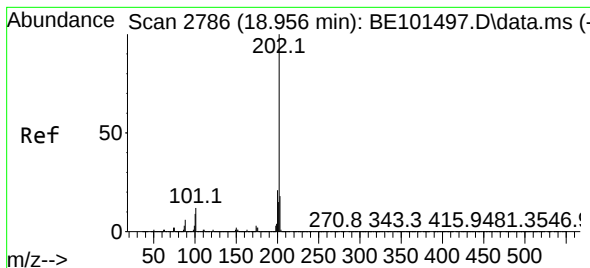
Delta R.T. -0.005 min

Lab File: BE101557.D

Acq: 8 Nov 2024 18:07

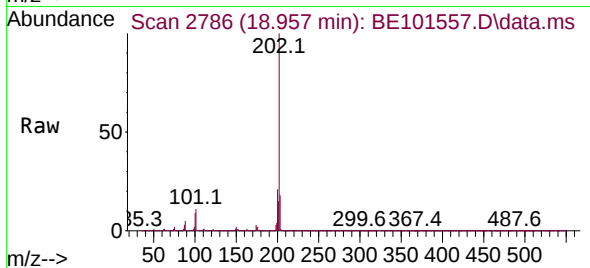
Tgt Ion:149 Resp: 1021606
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.4 3.4 5.2





#75
Fluoranthene
Concen: 60.759 ng
RT: 18.957 min Scan# 21
Delta R.T. 0.001 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

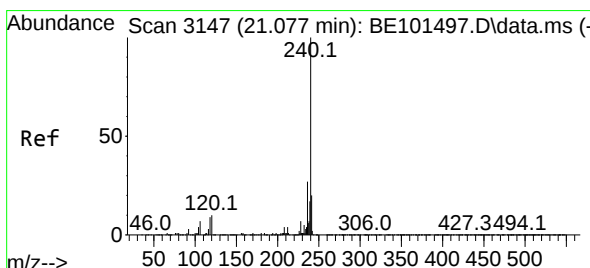
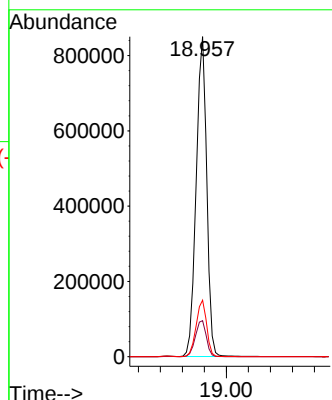
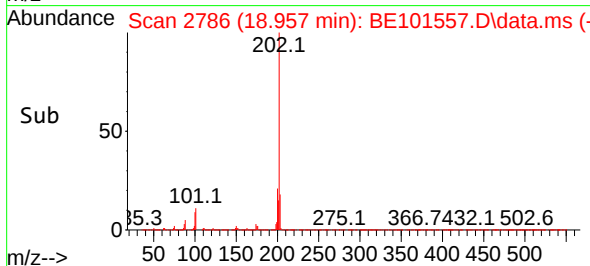
Instrument :
BNA_E
ClientSampleId :
TP-14MS



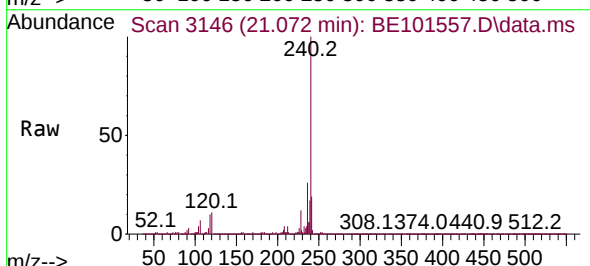
Tgt Ion:202 Resp: 113067
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.7
203 17.7 0.0 37.8

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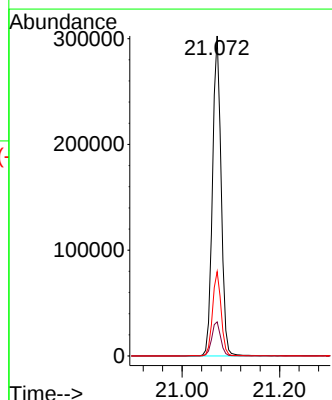
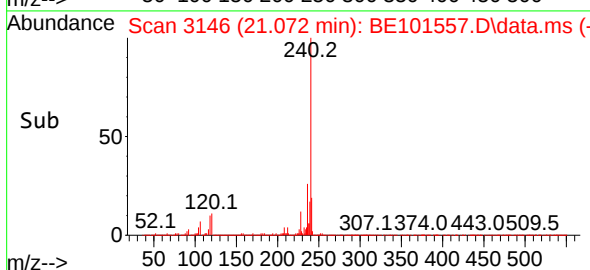
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

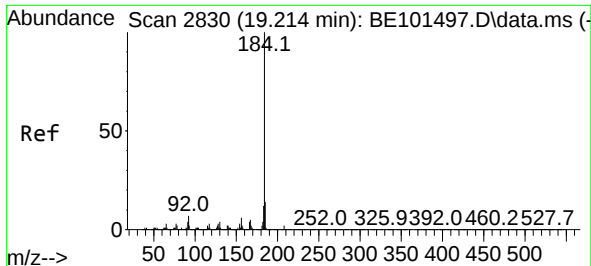


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.072 min Scan# 3146
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07



Tgt Ion:240 Resp: 369646
Ion Ratio Lower Upper
240 100
120 10.7 8.2 12.4
236 26.4 21.4 32.2





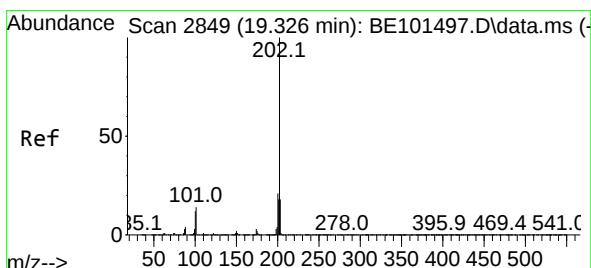
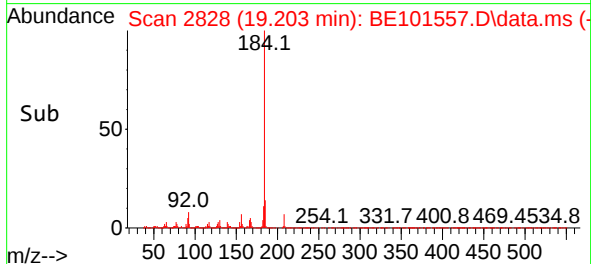
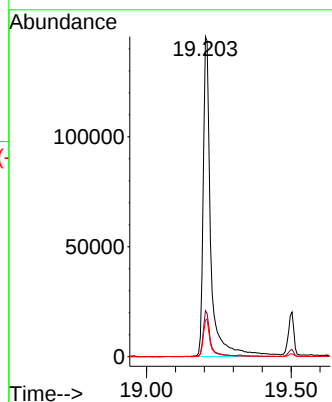
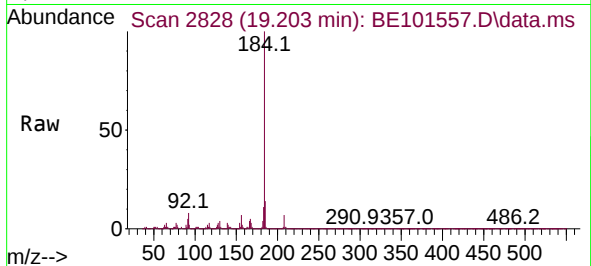
#77
Benzidine
Concen: 33.632 ng
RT: 19.203 min Scan# 21
Delta R.T. -0.011 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Instrument :
BNA_E
ClientSampleId :
TP-14MS

Tgt Ion:184 Resp: 26704
Ion Ratio Lower Upper
184 100
185 14.4 11.2 16.8
183 11.4 9.4 14.0

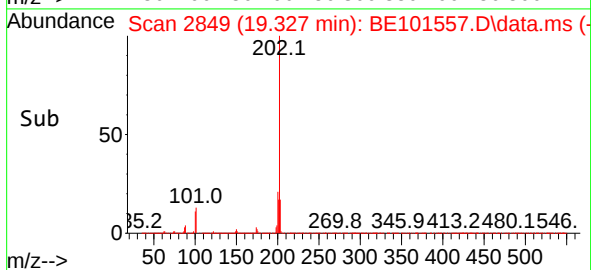
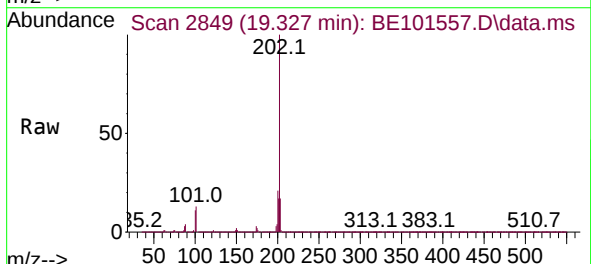
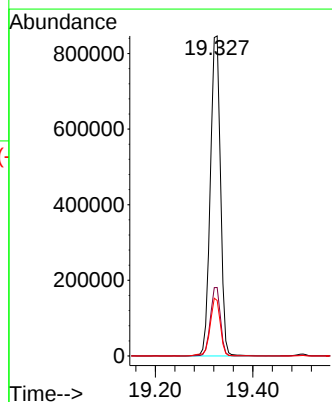
Manual Integrations
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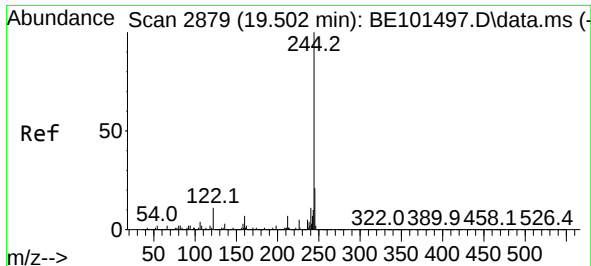
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#78
Pyrene
Concen: 57.708 ng
RT: 19.327 min Scan# 2849
Delta R.T. 0.001 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Tgt Ion:202 Resp: 1213737
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.4 14.2 21.4





#79
 Terphenyl-d14
 Concen: 115.254 ng
 RT: 19.503 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BE101557.D
 Acq: 8 Nov 2024 18:07

Instrument :

BNA_E

ClientSampleId :

TP-14MS

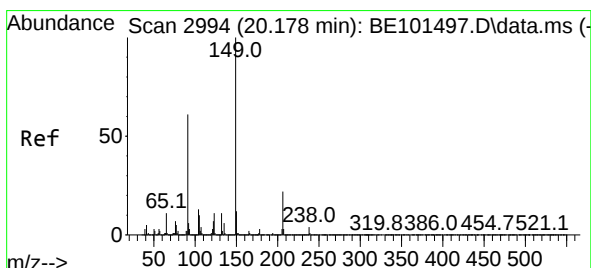
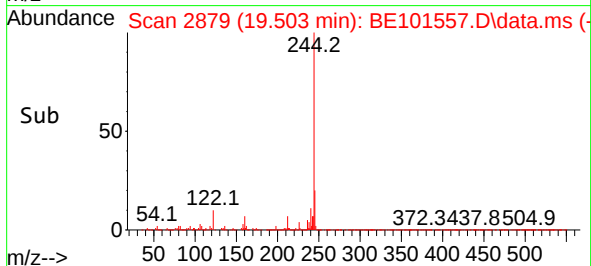
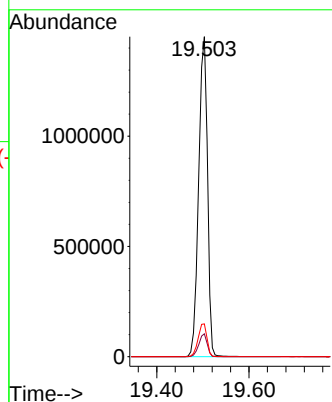
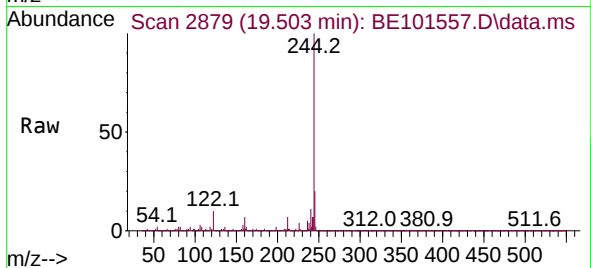
Tgt Ion:244 Resp: 1924640
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.3 8.4 12.6

Manual Integrations

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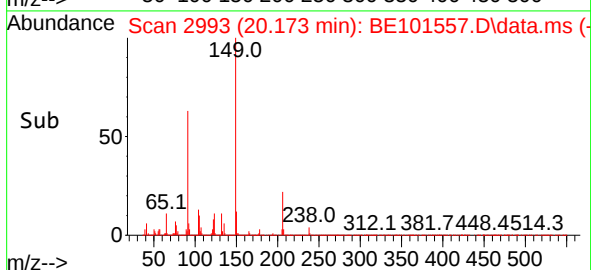
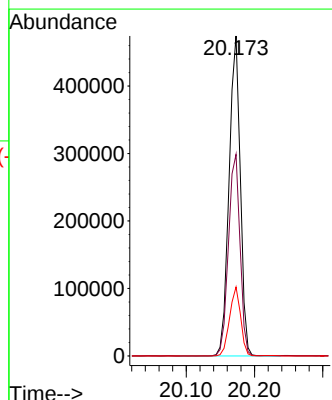
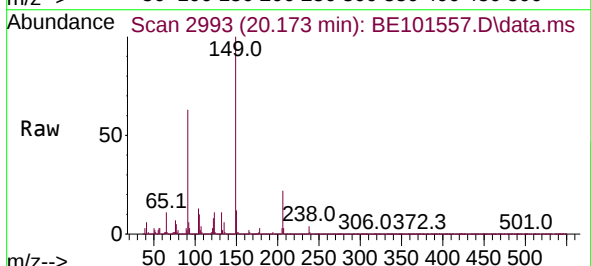
Reviewed By :Yogesh Patel 11/10/2024

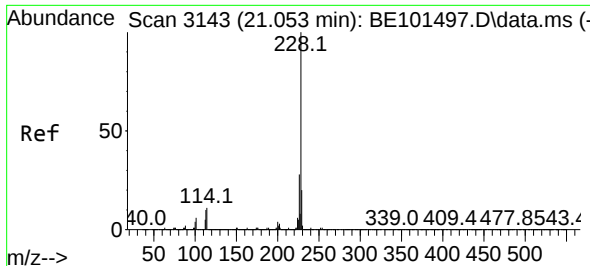
Supervised By :mohammad ahmed 11/11/2024



#80
 Butylbenzylphthalate
 Concen: 57.529 ng
 RT: 20.173 min Scan# 2993
 Delta R.T. -0.005 min
 Lab File: BE101557.D
 Acq: 8 Nov 2024 18:07

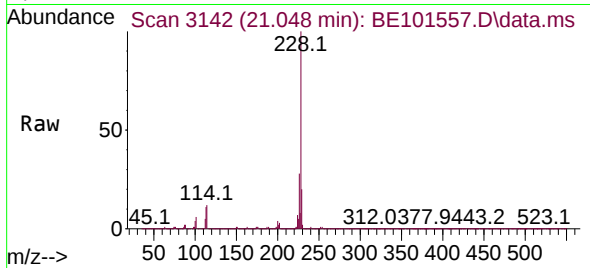
Tgt Ion:149 Resp: 543752
 Ion Ratio Lower Upper
 149 100
 91 63.0 49.2 73.8
 206 21.6 17.4 26.2





#81
Benzo(a)anthracene
Concen: 59.617 ng
RT: 21.048 min Scan# 3143
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

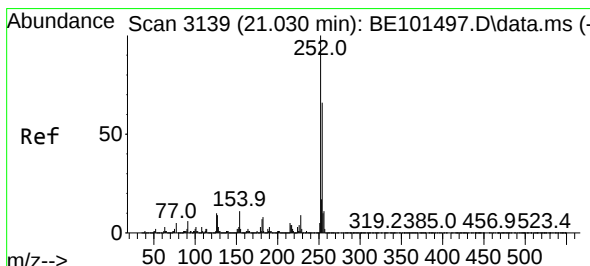
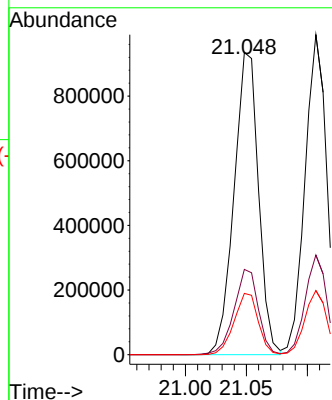
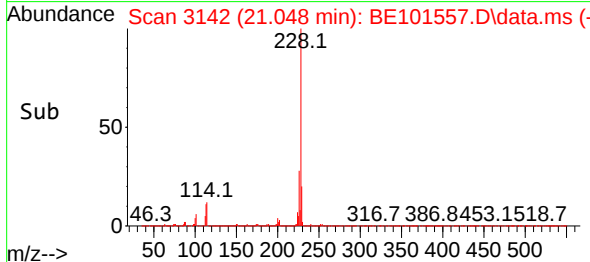
Instrument :
BNA_E
ClientSampleId :
TP-14MS



Tgt Ion:228 Resp: 1308799
Ion Ratio Lower Upper
228 100
226 28.2 22.4 33.6
229 20.3 16.1 24.1

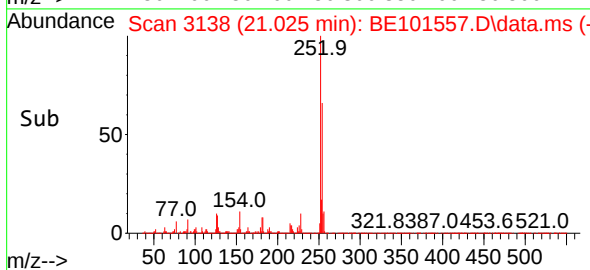
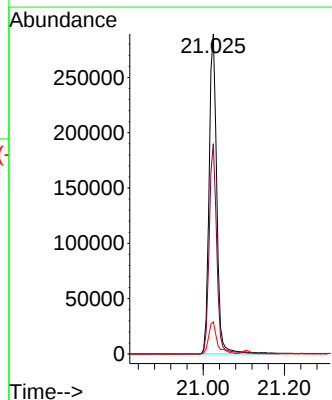
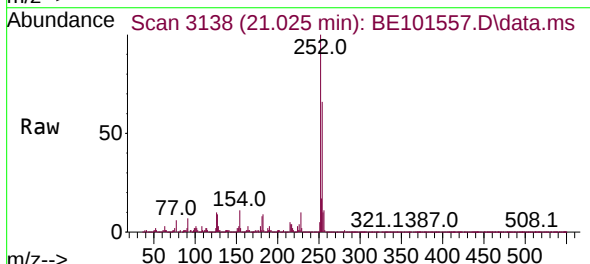
Manual Integrations
APPROVED

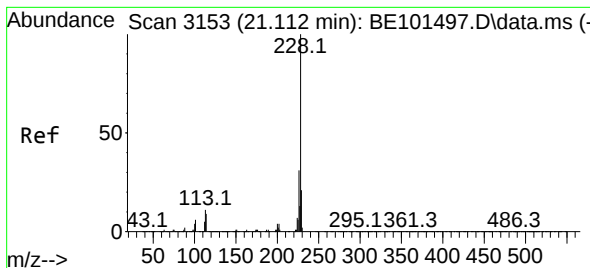
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#82
3,3'-Dichlorobenzidine
Concen: 43.662 ng
RT: 21.025 min Scan# 3138
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Tgt Ion:252 Resp: 377332
Ion Ratio Lower Upper
252 100
254 65.7 52.9 79.3
126 10.0 7.8 11.6





#83

Chrysene

Concen: 59.065 ng

RT: 21.107 min Scan# 3153

Delta R.T. -0.005 min

Lab File: BE101557.D

Acq: 8 Nov 2024 18:07

Instrument :

BNA_E

ClientSampleId :

TP-14MS

Tgt Ion:228 Resp: 123249

Ion Ratio Lower Upper

228 100

226 31.2 25.1 37.7

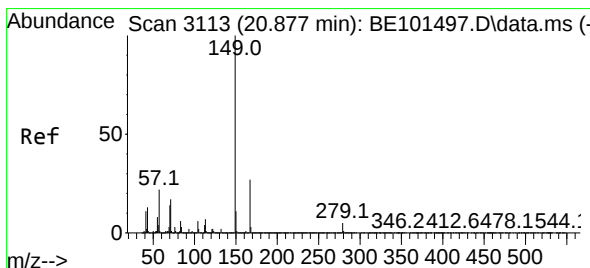
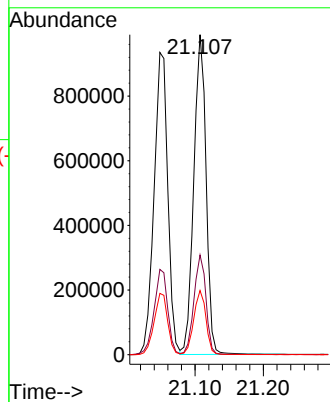
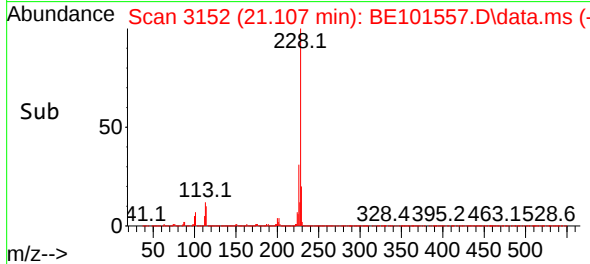
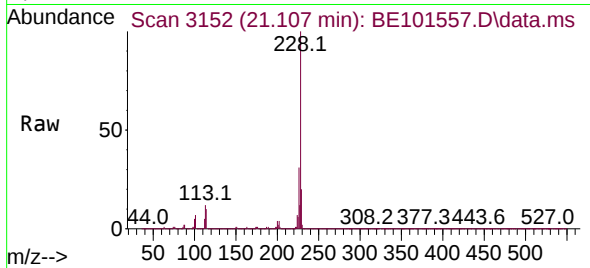
229 20.1 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.231 ng

RT: 20.872 min Scan# 3112

Delta R.T. -0.005 min

Lab File: BE101557.D

Acq: 8 Nov 2024 18:07

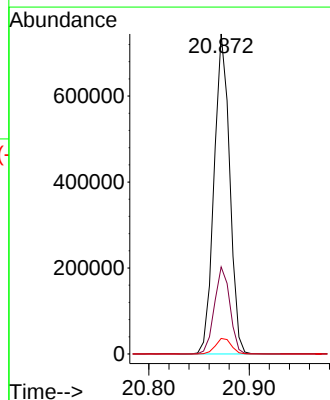
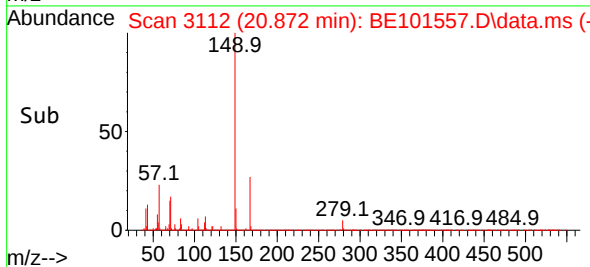
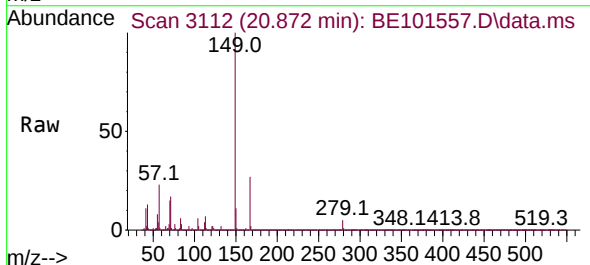
Tgt Ion:149 Resp: 803550

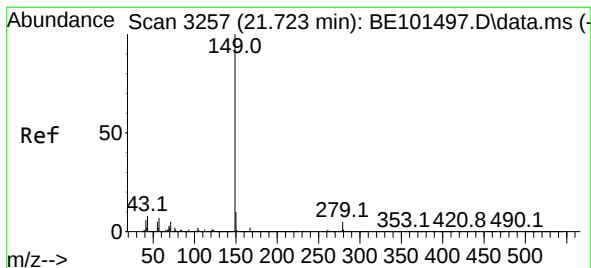
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.6

279 4.9 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 57.956 ng

RT: 21.718 min Scan# 31

Delta R.T. -0.005 min

Lab File: BE101557.D

Acq: 8 Nov 2024 18:07

Instrument :

BNA_E

ClientSampleId :

TP-14MS

Tgt Ion:149 Resp: 140109

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

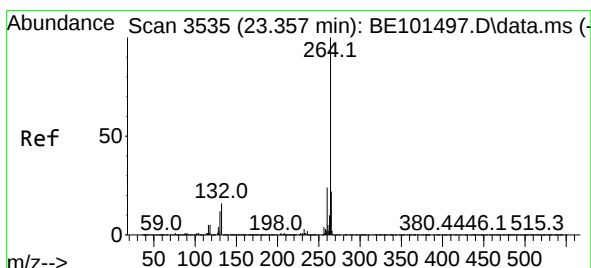
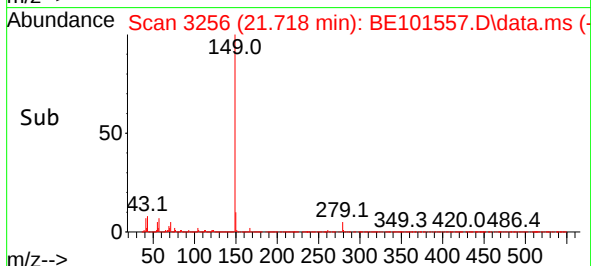
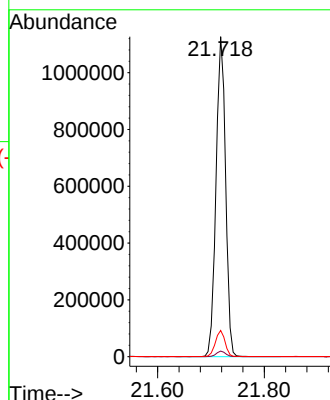
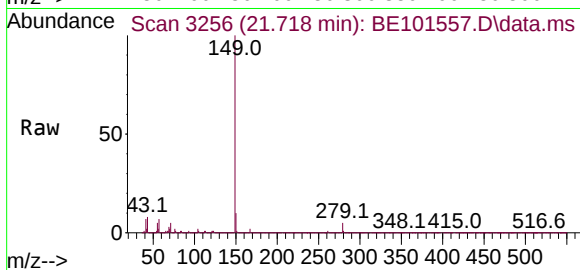
43 8.2 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.351 min Scan# 3534

Delta R.T. -0.005 min

Lab File: BE101557.D

Acq: 8 Nov 2024 18:07

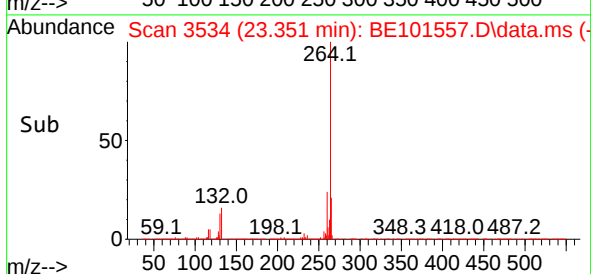
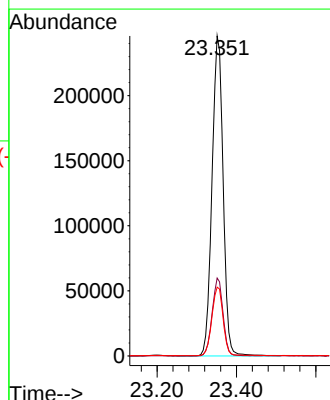
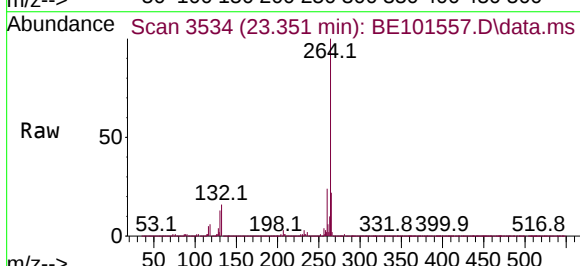
Tgt Ion:264 Resp: 476783

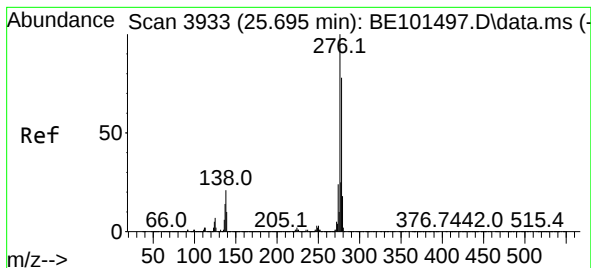
Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 21.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.200 ng

RT: 25.690 min Scan# 3933

Delta R.T. -0.005 min

Lab File: BE101557.D

Acq: 8 Nov 2024 18:07

Instrument :

BNA_E

ClientSampleId :

TP-14MS

Tgt Ion:276 Resp: 197242

Ion Ratio Lower Upper

276 100

138 21.7 17.0 25.6

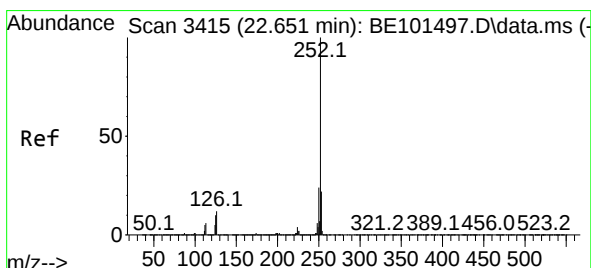
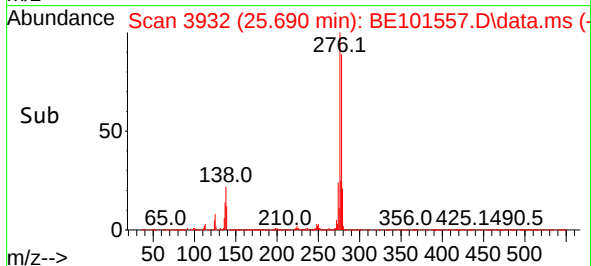
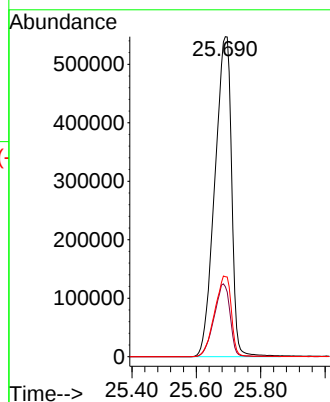
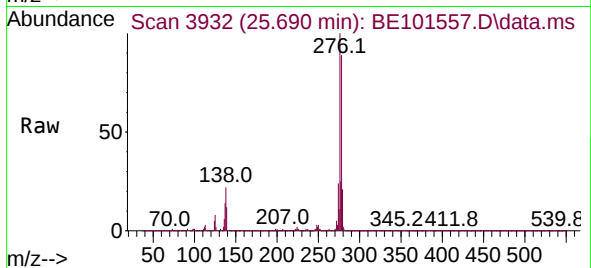
277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#88

Benzo(b)fluoranthene

Concen: 56.850 ng

RT: 22.646 min Scan# 3414

Delta R.T. -0.005 min

Lab File: BE101557.D

Acq: 8 Nov 2024 18:07

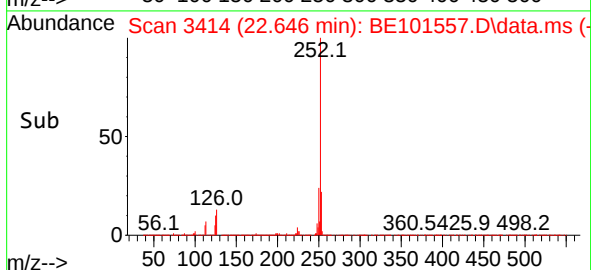
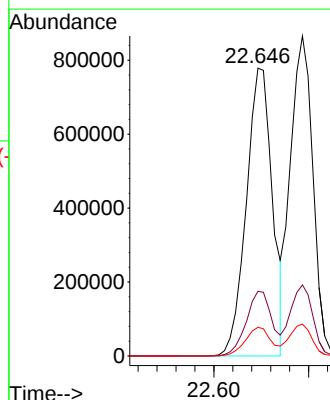
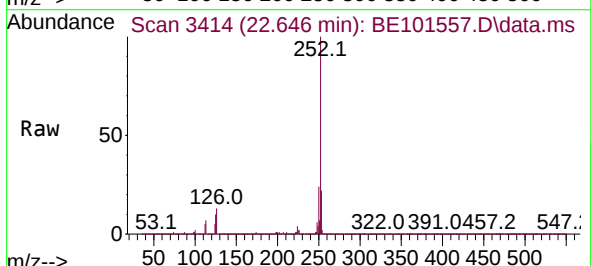
Tgt Ion:252 Resp: 1487104

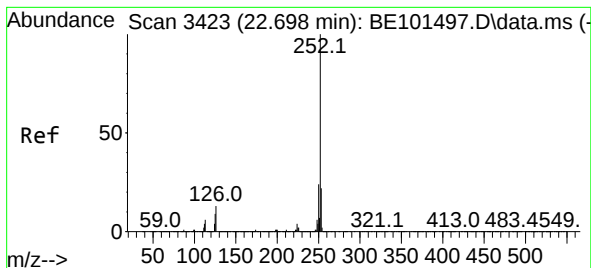
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 10.0 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 60.469 ng

RT: 22.693 min Scan# 3423

Delta R.T. -0.005 min

Lab File: BE101557.D

Acq: 8 Nov 2024 18:07

Instrument :

BNA_E

ClientSampleId :

TP-14MS

Tgt Ion:252 Resp: 143590

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

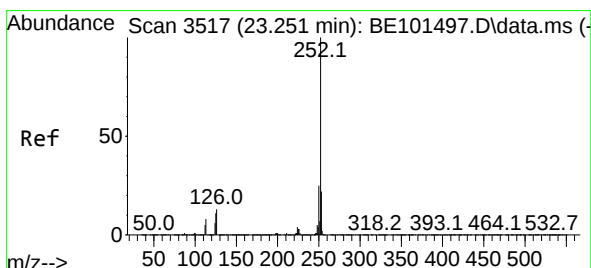
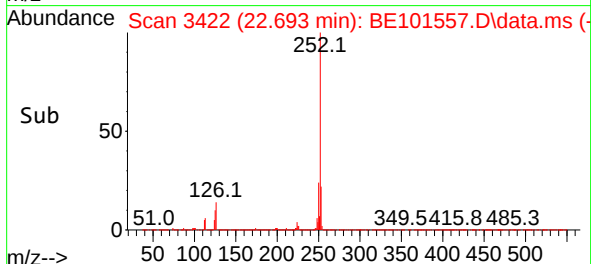
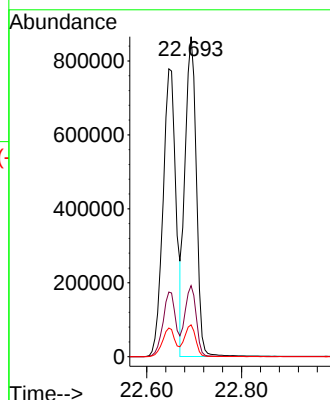
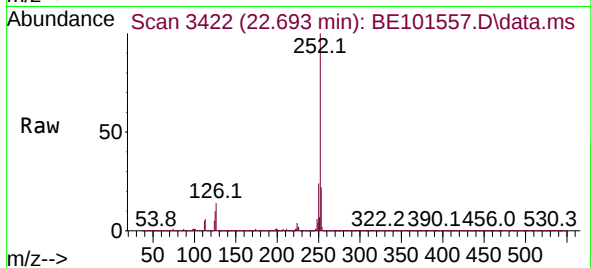
125 10.0 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024



#90

Benzo(a)pyrene

Concen: 62.163 ng

RT: 23.252 min Scan# 3517

Delta R.T. 0.001 min

Lab File: BE101557.D

Acq: 8 Nov 2024 18:07

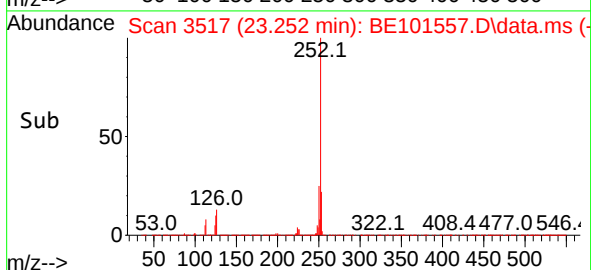
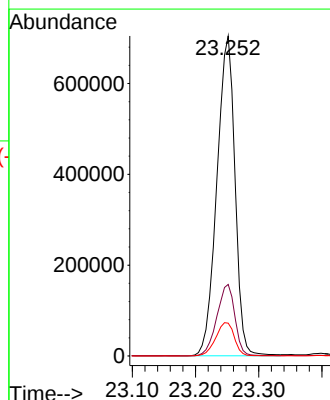
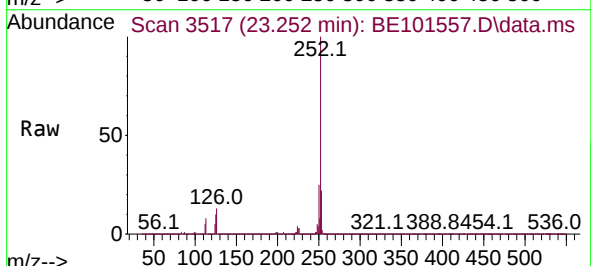
Tgt Ion:252 Resp: 1403855

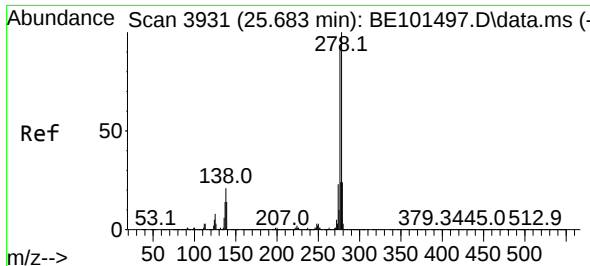
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

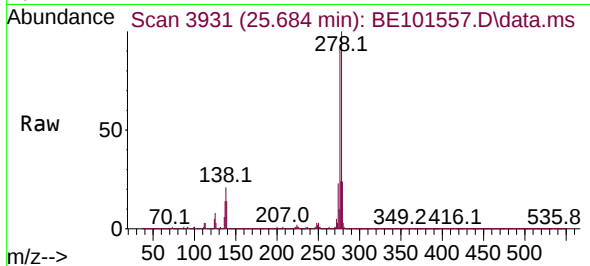
125 10.2 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 60.120 ng
RT: 25.684 min Scan# 3931
Delta R.T. 0.001 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

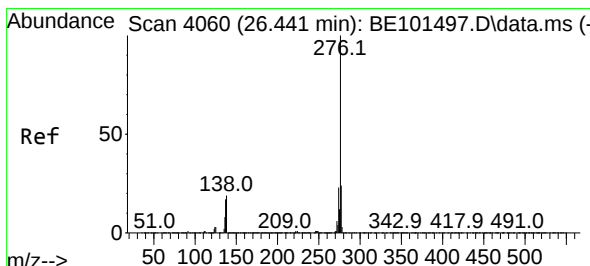
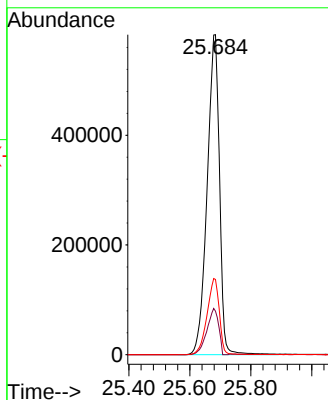
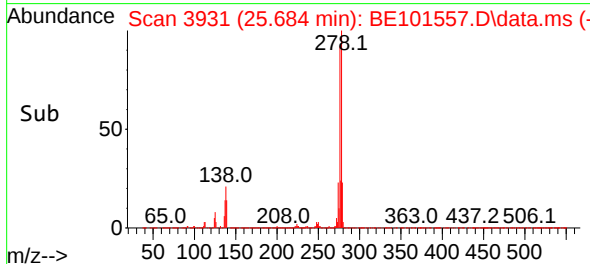
Instrument :
BNA_E
ClientSampleId :
TP-14MS



Tgt Ion: 278 Resp: 164050
Ion Ratio Lower Upper
278 100
139 13.6 11.2 16.8
279 23.5 19.1 28.7

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 53.610 ng
RT: 26.436 min Scan# 4059
Delta R.T. -0.005 min
Lab File: BE101557.D
Acq: 8 Nov 2024 18:07

Tgt Ion: 276 Resp: 1486194
Ion Ratio Lower Upper
276 100
277 24.1 19.5 29.3
138 18.4 15.3 22.9

