

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111124\
 Data File : BE101568.D
 Acq On : 11 Nov 2024 12:45
 Operator : RC/JU
 Sample : P4756-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-B4MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/12/2024

Quant Time: Nov 11 12:35:35 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	7.559	152	44179	20.000	ng	0.00
21) Naphthalene-d8	10.320	136	193566	20.000	ng	-0.01
39) Acenaphthene-d10	14.169	164	123802	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	285314	20.000	ng	0.00
76) Chrysene-d12	21.072	240	354743	20.000	ng	0.00
86) Perylene-d12	23.352	264	454860	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.314	112	423774	169.607	ng	0.00
7) Phenol-d6	6.942	99	535466	156.307	ng	0.00
23) Nitrobenzene-d5	8.769	82	330967	108.002	ng	0.00
42) 2,4,6-Tribromophenol	15.679	330	382629	164.248	ng	0.00
45) 2-Fluorobiphenyl	12.788	172	820916	108.269	ng	-0.01
79) Terphenyl-d14	19.498	244	1719238	107.279	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.205	88	37913	40.775	ng	# 39
3) Pyridine	3.634	79	87483	33.642	ng	97
4) n-Nitrosodimethylamine	3.546	42	50893	49.423	ng	97
6) Aniline	7.001	93	84674m	32.932	ng	
8) 2-Chlorophenol	7.200	128	152577	51.543	ng	97
9) Benzaldehyde	6.771	77	5204	3.106	ng	92
10) Phenol	6.965	94	194584	52.182	ng	99
11) bis(2-Chloroethyl)ether	7.024	93	134061m	43.429	ng	
12) 1,3-Dichlorobenzene	7.441	146	114407	35.402	ng	98
13) 1,4-Dichlorobenzene	7.588	146	117375	35.858	ng	97
14) 1,2-Dichlorobenzene	7.917	146	118541	36.893	ng	98
15) Benzyl Alcohol	7.894	79	110751	55.345	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.052	45	176227	48.228	ng	97
17) 2-Methylphenol	8.146	107	128371	53.174	ng	99
18) Hexachloroethane	8.610	117	39634	35.854	ng	97
19) n-Nitroso-di-n-propyla...	8.358	70	111582	49.399	ng	97
20) 3+4-Methylphenols	8.481	107	177447	53.010	ng	98
22) Acetophenone	8.411	105	212787	48.541	ng	99
24) Nitrobenzene	8.810	77	151252	47.453	ng	97
25) Isophorone	9.257	82	313706	52.603	ng	98
26) 2-Nitrophenol	9.492	139	84415	49.766	ng	96
27) 2,4-Dimethylphenol	9.615	122	129798	66.134	ng	99
28) bis(2-Chloroethoxy)met...	9.756	93	184633	50.577	ng	99
29) 2,4-Dichlorophenol	10.050	162	152023	54.564	ng	100
30) 1,2,4-Trichlorobenzene	10.173	180	123940	39.848	ng	99
31) Naphthalene	10.373	128	438324	44.855	ng	100
32) Benzoic acid	9.897	122	85241	46.697	ng	96
33) 4-Chloroaniline	10.608	127	22533	6.557	ng	95
34) Hexachlorobutadiene	10.620	225	74146	38.677	ng	98
35) Caprolactam	11.390	113	46494m	45.442	ng	
36) 4-Chloro-3-methylphenol	11.783	107	162759	53.495	ng	98
37) 2-Methylnaphthalene	11.965	142	335963	48.405	ng	99
38) 1-Methylnaphthalene	12.189	142	316780	45.766	ng	99
40) 1,2,4,5-Tetrachloroben...	12.324	216	164209	50.309	ng	98
41) Hexachlorocyclopentadiene	12.300	237	194124	203.805	ng	98
43) 2,4,6-Trichlorophenol	12.641	196	131916	58.848	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.753	196	144628	57.913	ng	98
46) 1,1'-Biphenyl	12.994	154	454831	53.261	ng	99
47) 2-Chloronaphthalene	13.041	162	348818	51.788	ng	100
48) 2-Nitroaniline	13.375	65	108234	60.707	ng	97
49) Acenaphthylene	13.898	152	587821	58.564	ng	99
50) Dimethylphthalate	13.675	163	497623	56.446	ng	99
51) 2,6-Dinitrotoluene	13.810	165	109333	53.733	ng	98
52) Acenaphthene	14.233	154	360342	56.258	ng	100
53) 3-Nitroaniline	14.221	138	59316	30.028	ng	98
54) 2,4-Dinitrophenol	14.363	184	158108	132.596	ng	95
55) Dibenzofuran	14.574	168	573517	55.603	ng	100
56) 4-Nitrophenol	14.650	139	210974	129.341	ng	94
57) 2,4-Dinitrotoluene	14.598	165	159890	55.933	ng	97
58) Fluorene	15.214	166	484331	56.266	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.844	232	138220	59.814	ng	99
60) Diethylphthalate	14.997	149	520601	56.006	ng	100
61) 4-Chlorophenyl-phenyle...	15.197	204	237223	54.270	ng	99
62) 4-Nitroaniline	15.408	138	114766	53.925	ng	96
63) Azobenzene	15.496	77	443060	58.424	ng	99
65) 4,6-Dinitro-2-methylph...	15.344	198	103397	61.050	ng	97
66) n-Nitrosodiphenylamine	15.449	169	433944	57.311	ng	99
67) 4-Bromophenyl-phenylether	16.084	248	170652	54.230	ng	99
68) Hexachlorobenzene	16.196	284	220166	53.162	ng	99
69) Atrazine	16.384	200	139689	62.488	ng	99
70) Pentachlorophenol	16.601	266	279087	124.199	ng	99
71) Phenanthrene	16.948	178	813437	58.619	ng	100
72) Anthracene	17.036	178	841063	61.375	ng	100
73) Carbazole	17.365	167	799077	58.147	ng	99
74) Di-n-butylphthalate	17.811	149	975507	57.481	ng	100
75) Fluoranthene	18.951	202	1039692	58.436	ng	99
77) Benzidine	19.210	184	154055	20.217	ng	99
78) Pyrene	19.321	202	1117075	55.343	ng	100
80) Butylbenzylphthalate	20.167	149	519153	57.233	ng	94
81) Benzo(a)anthracene	21.049	228	1238795	58.799	ng	100
82) 3,3'-Dichlorobenzidine	21.025	252	319164	38.483	ng	98
83) Chrysene	21.108	228	1174003	58.625	ng	99
84) Bis(2-ethylhexyl)phtha...	20.873	149	782619	57.067	ng	99
85) Di-n-octyl phthalate	21.719	149	1379039	59.440	ng	99
87) Indeno(1,2,3-cd)pyrene	25.685	276	1867115	59.732	ng	99
88) Benzo(b)fluoranthene	22.647	252	1434147	57.468	ng	99
89) Benzo(k)fluoranthene	22.694	252	1349186	59.556	ng	100
90) Benzo(a)pyrene	23.246	252	1326220	61.556	ng	99
91) Dibenzo(a,h)anthracene	25.679	278	1546864	59.421	ng	100
92) Benzo(g,h,i)perylene	26.437	276	1398861	52.891	ng	99

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

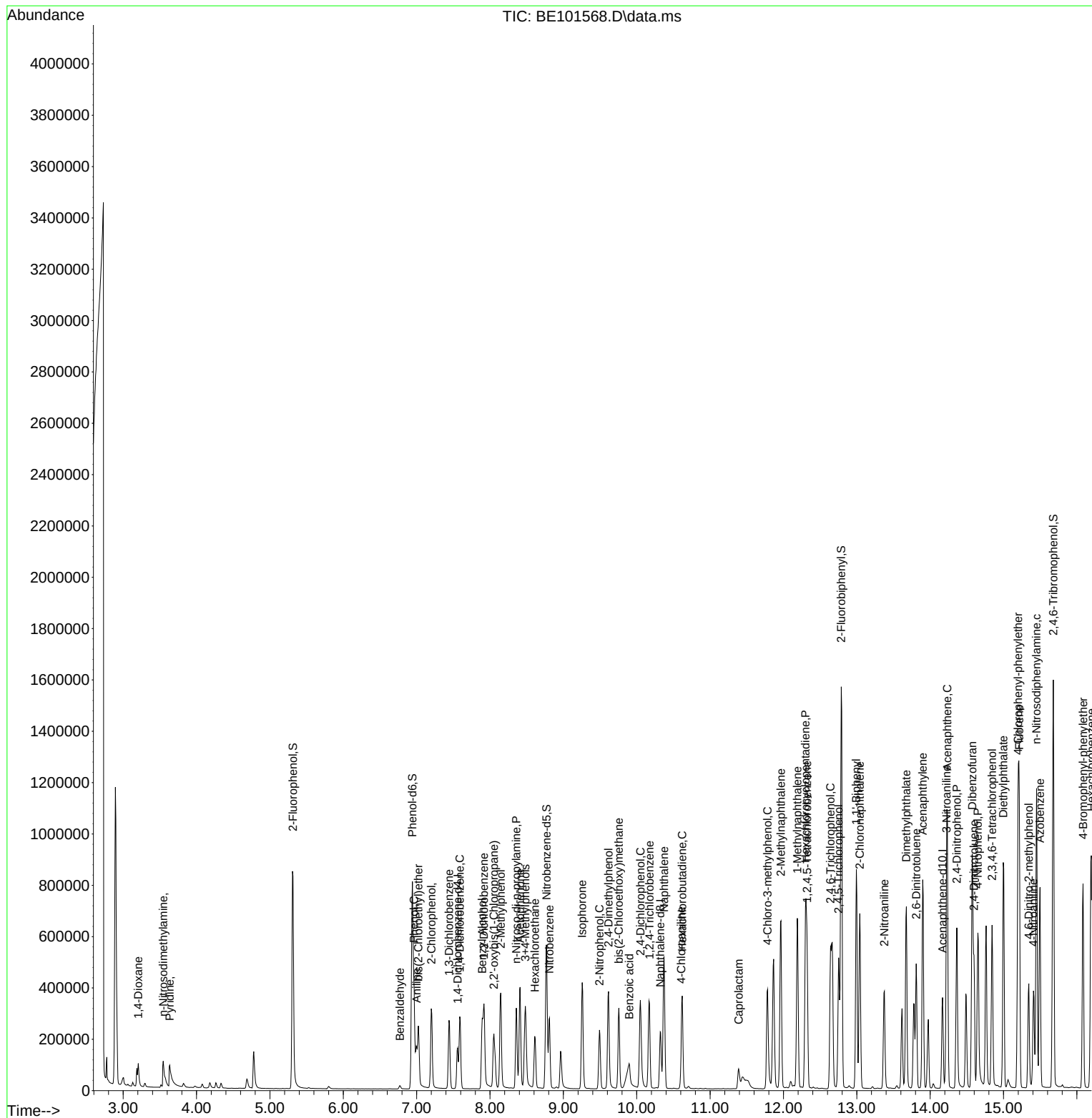
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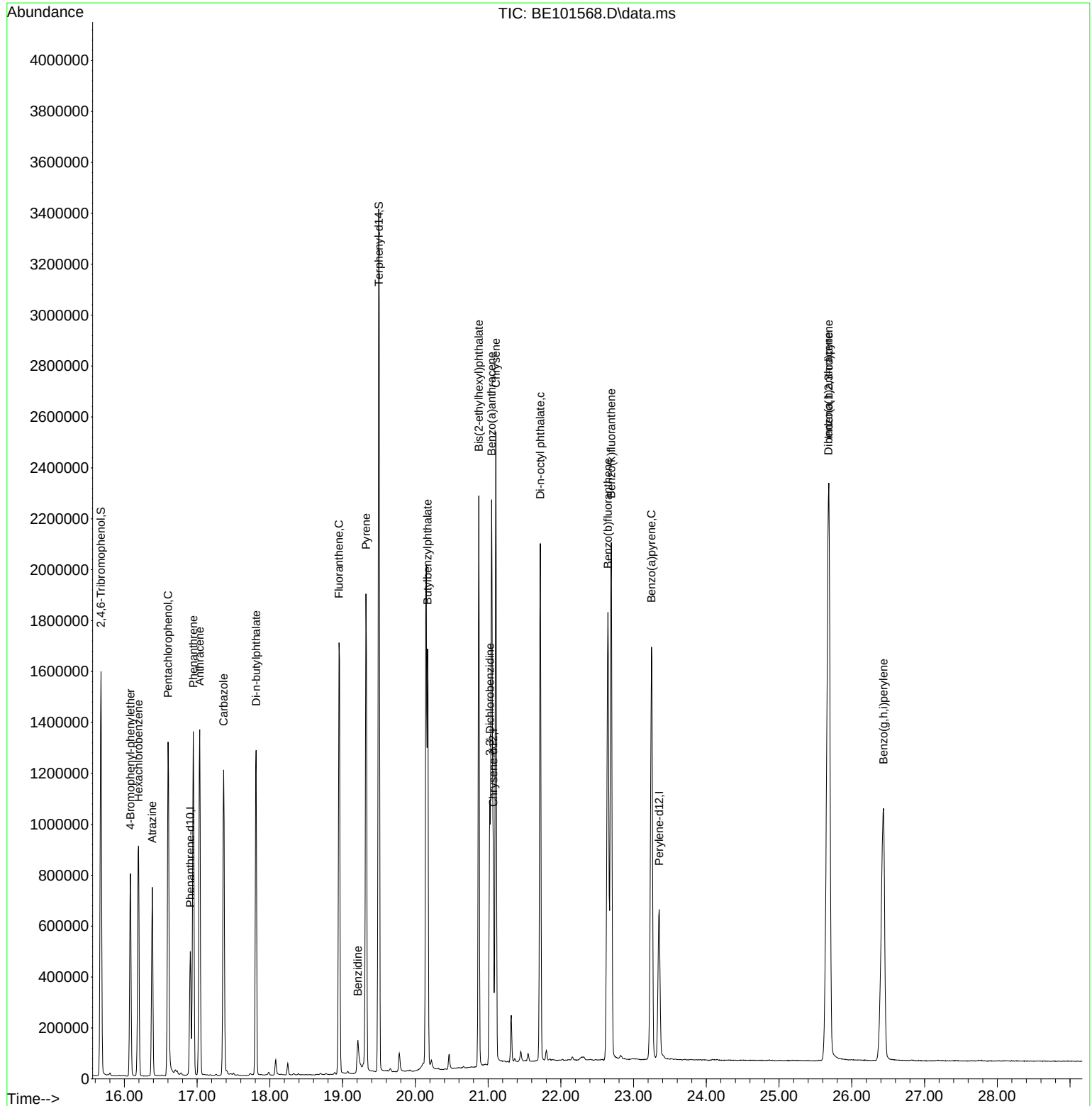
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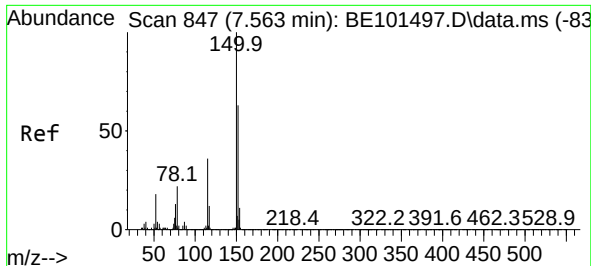
Instrument :
BNA_E
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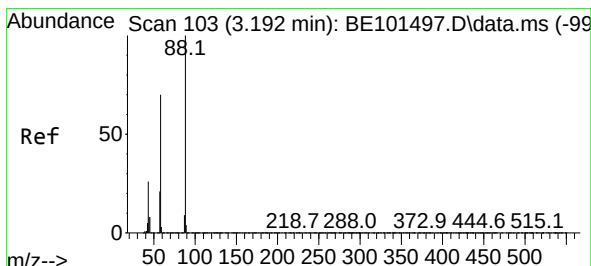
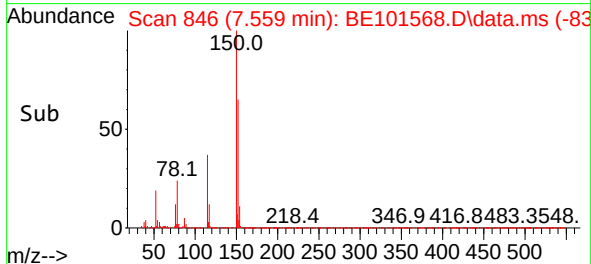
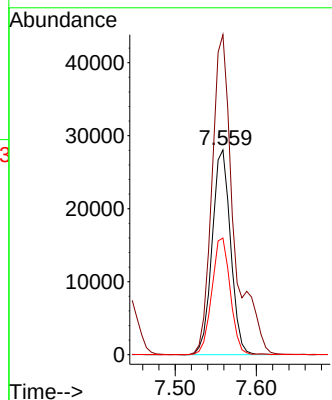
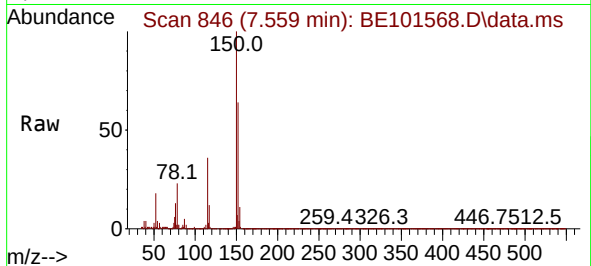
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.559 min Scan# 84
Delta R.T. -0.004 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion:152 Resp: 44179
Ion Ratio Lower Upper
152 100
150 156.2 126.3 189.5
115 56.9 45.0 67.4

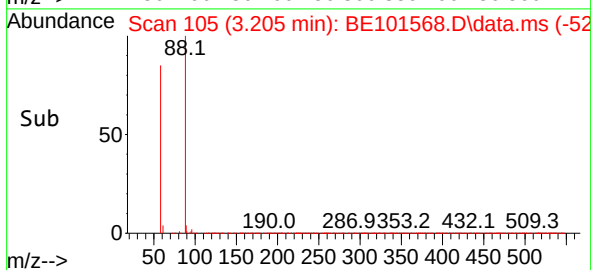
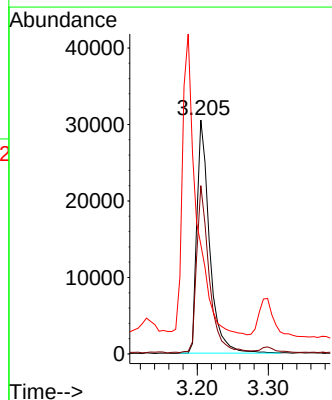
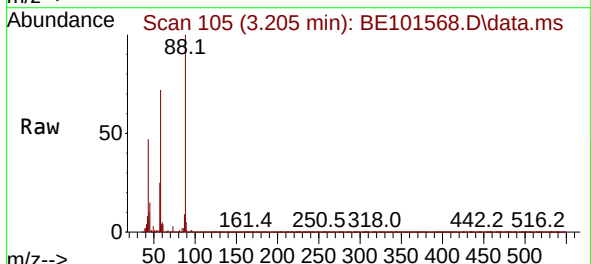
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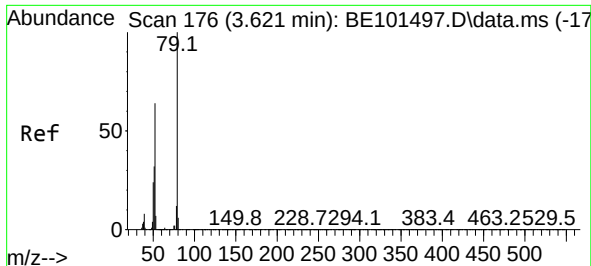
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#2
1,4-Dioxane
Concen: 40.775 ng
RT: 3.205 min Scan# 105
Delta R.T. 0.013 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion: 88 Resp: 37913
Ion Ratio Lower Upper
88 100
58 71.7 56.5 84.7
43 140.7 20.8 31.2#





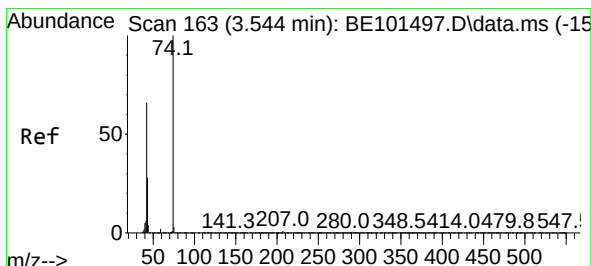
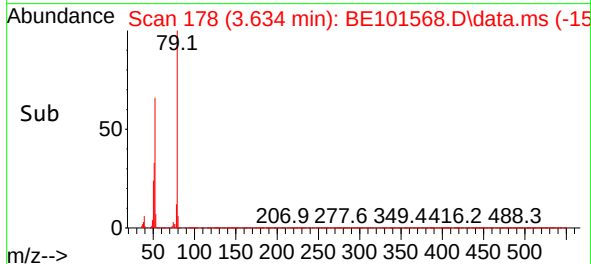
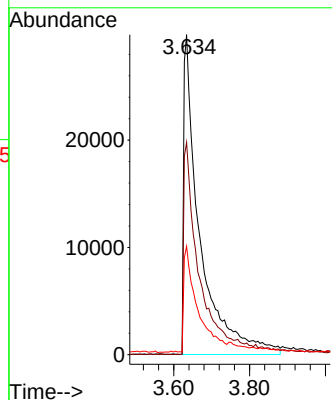
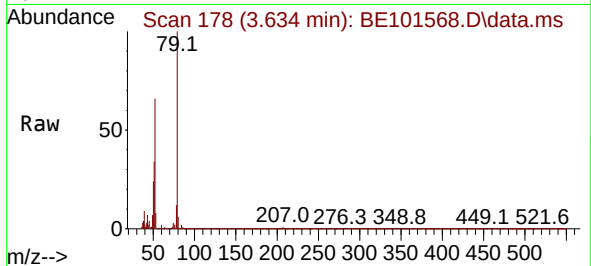
#3
Pyridine
Concen: 33.642 ng
RT: 3.634 min Scan# 176
Delta R.T. 0.013 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
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ClientSampleId :
BP-B4MS

Tgt Ion: 79 Resp: 8748
Ion Ratio Lower Upper
79 100
52 66.3 51.1 76.7
51 33.9 26.2 39.2

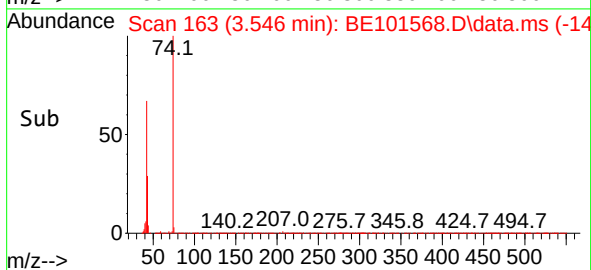
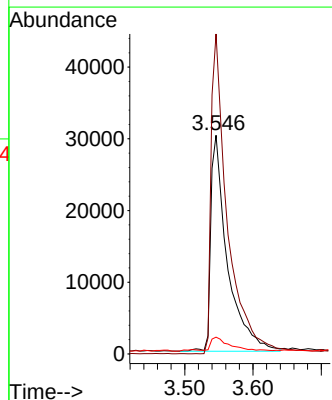
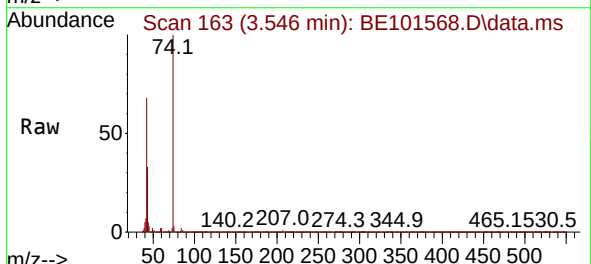
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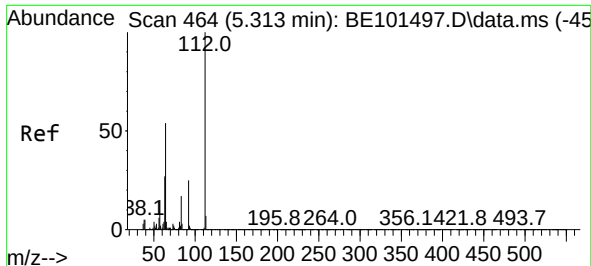
Reviewed By :Yogesh Patel 11/12/2024
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#4
n-Nitrosodimethylamine
Concen: 49.423 ng
RT: 3.546 min Scan# 163
Delta R.T. 0.001 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion: 42 Resp: 50893
Ion Ratio Lower Upper
42 100
74 146.3 120.1 180.1
44 7.7 5.8 8.6





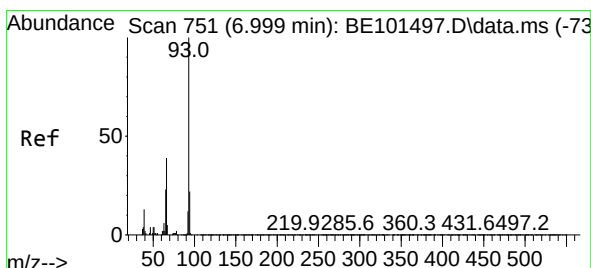
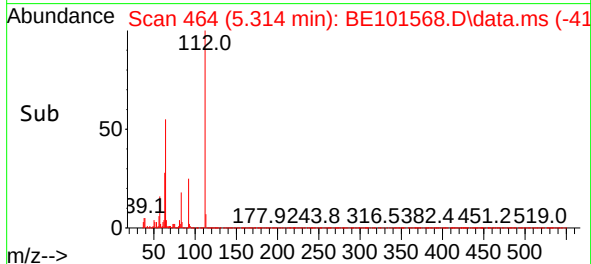
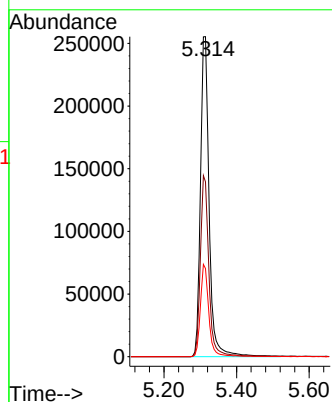
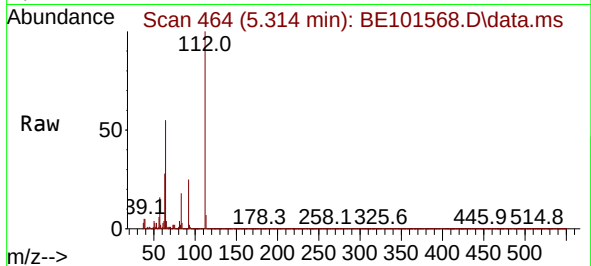
#5
2-Fluorophenol
Concen: 169.607 ng
RT: 5.314 min Scan# 464
Delta R.T. 0.001 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
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ClientSampleId :
BP-B4MS

Tgt Ion:112 Resp: 423774
Ion Ratio Lower Upper
112 100
64 54.7 43.2 64.8
63 27.5 21.8 32.6

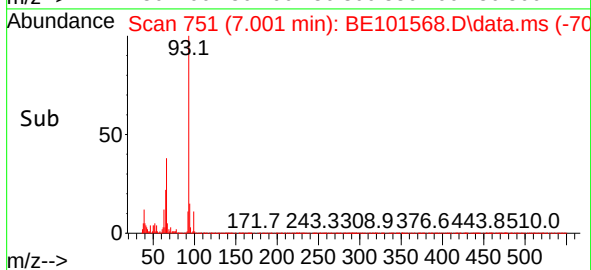
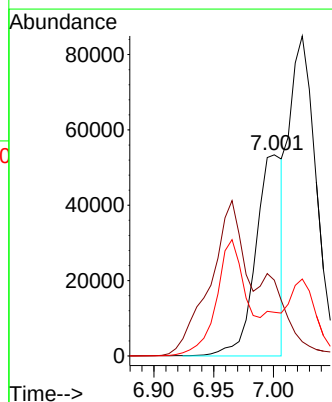
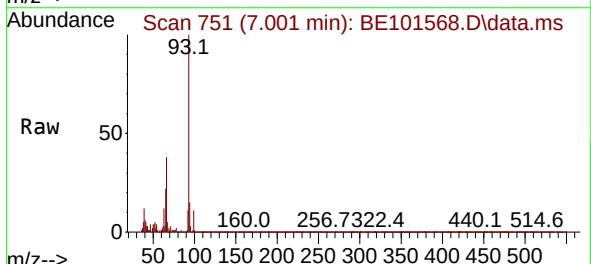
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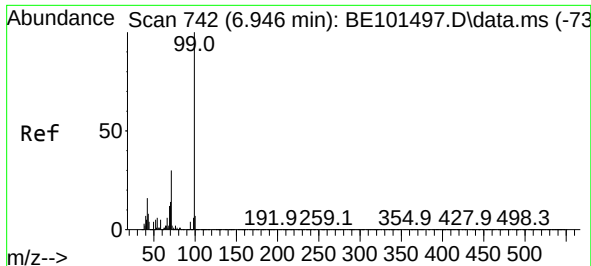
Reviewed By :Yogesh Patel 11/12/2024
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#6
Aniline
Concen: 32.932 ng m
RT: 7.001 min Scan# 751
Delta R.T. 0.001 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion: 93 Resp: 84674
Ion Ratio Lower Upper
93 100
66 37.7 33.4 50.0
65 21.7 18.5 27.7





#7

Phenol-d6

Concen: 156.307 ng

RT: 6.942 min Scan# 741

Delta R.T. -0.005 min

Lab File: BE101568.D

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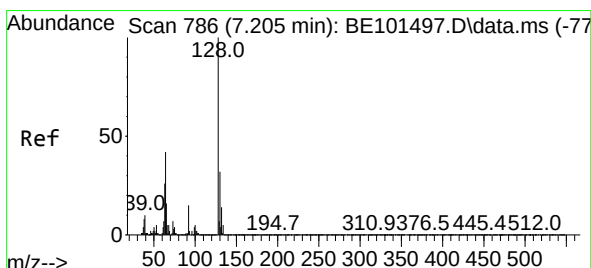
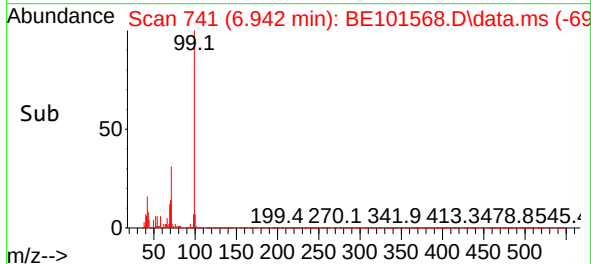
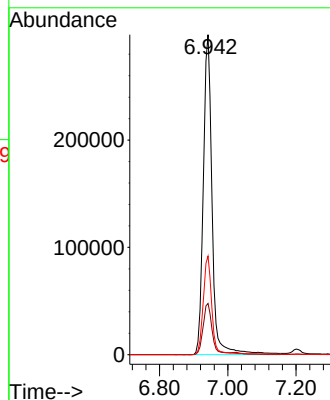
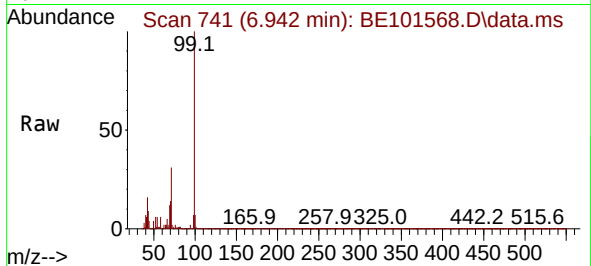
Tgt Ion: 99	Resp: 53546
Ion Ratio	Lower Upper
99 100	
42 16.0	12.5 18.7
71 30.8	24.2 36.2

Manual Integrations

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#8

2-Chlorophenol

Concen: 51.543 ng

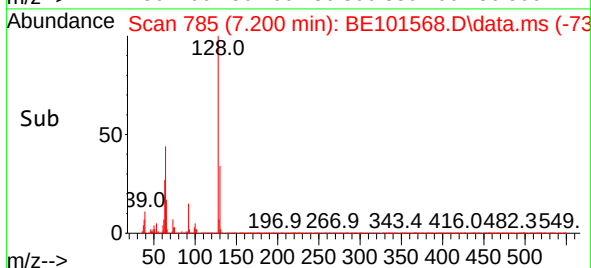
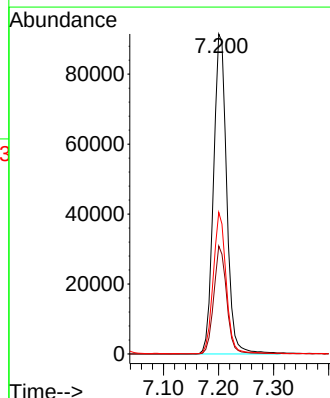
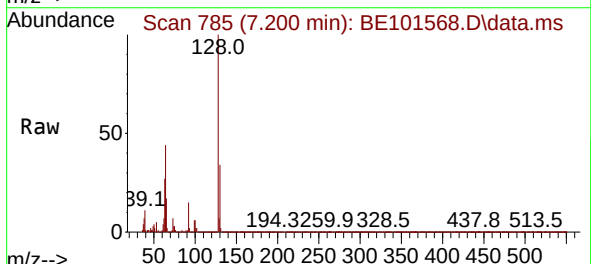
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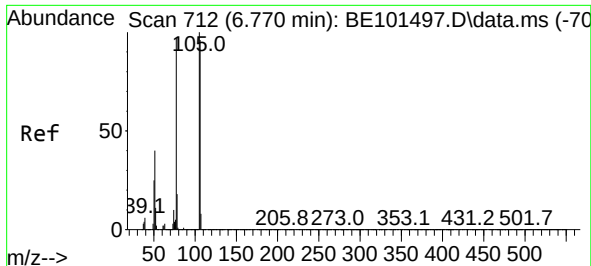
Delta R.T. -0.005 min

Lab File: BE101568.D

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Tgt Ion:128	Resp: 152577
Ion Ratio	Lower Upper
128 100	
130 33.8	12.1 52.1
64 44.2	22.0 62.0





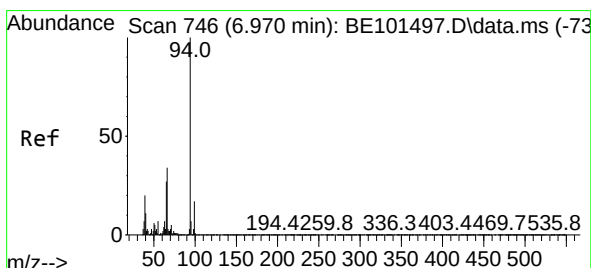
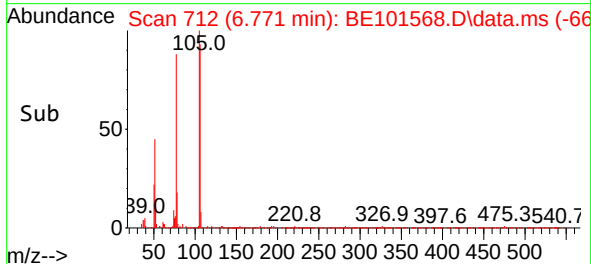
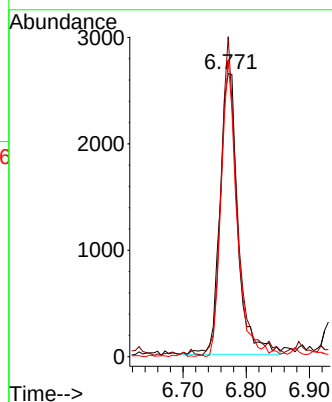
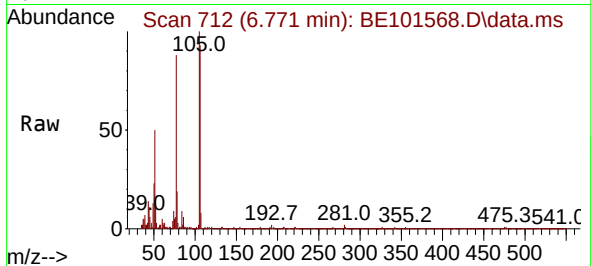
#9
Benzaldehyde
Concen: 3.106 ng
RT: 6.771 min Scan# 712
Delta R.T. 0.001 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion: 77 Resp: 5204
Ion Ratio Lower Upper
77 100
105 113.0 83.0 123.0
106 104.7 78.8 118.8

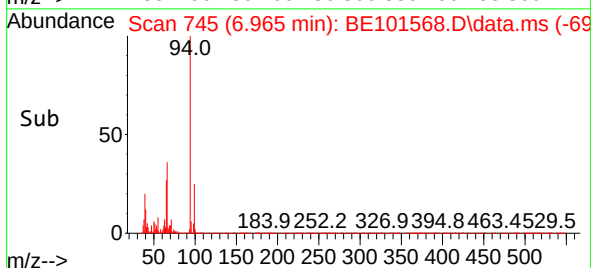
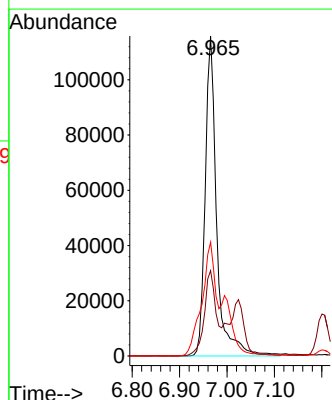
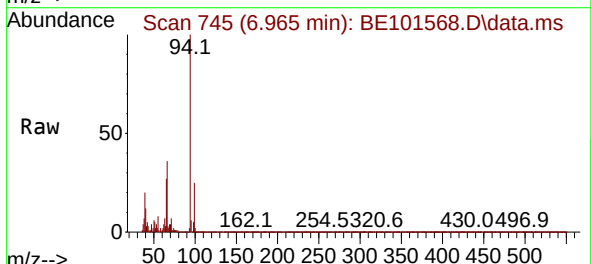
Manual Integrations
APPROVED

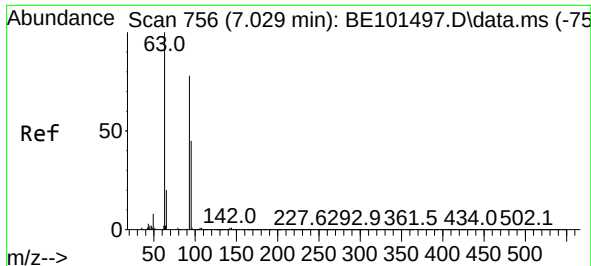
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#10
Phenol
Concen: 52.182 ng
RT: 6.965 min Scan# 745
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

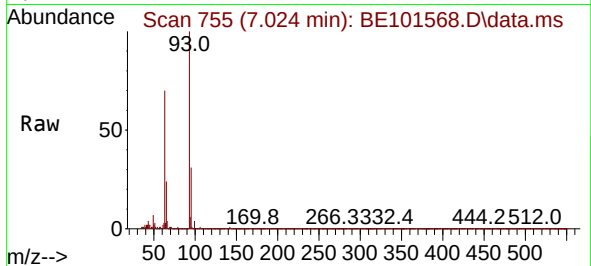
Tgt Ion: 94 Resp: 194584
Ion Ratio Lower Upper
94 100
65 26.7 6.7 46.7
66 35.6 15.0 55.0





#11
bis(2-Chloroethyl)ether
Concen: 43.429 ng m
RT: 7.024 min Scan# 701
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

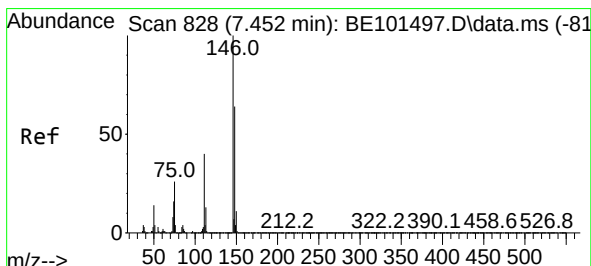
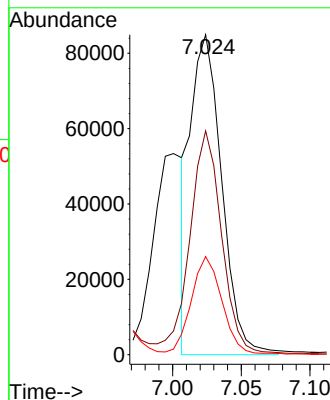
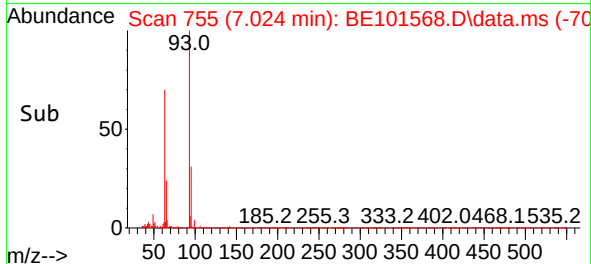
Instrument :
BNA_E
ClientSampleId :
BP-B4MS



Tgt Ion: 93 Resp: 13406
Ion Ratio Lower Upper
93 100
63 69.9 46.5 86.5
95 30.6 9.1 49.1

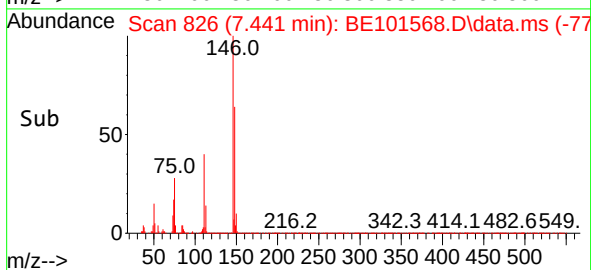
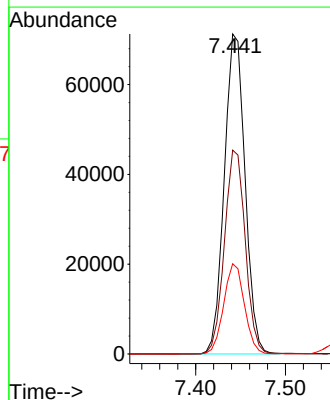
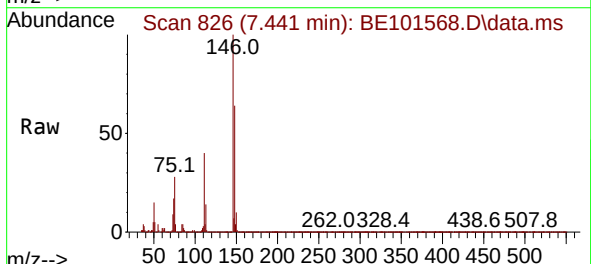
Manual Integrations
APPROVED

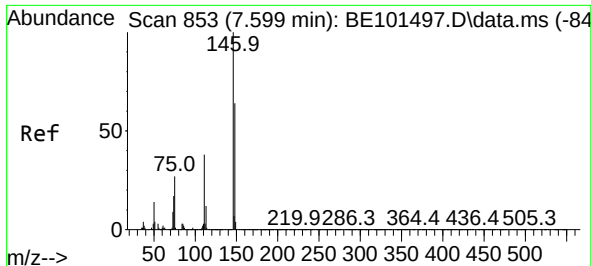
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#12
1,3-Dichlorobenzene
Concen: 35.402 ng
RT: 7.441 min Scan# 826
Delta R.T. -0.010 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion:146 Resp: 114407
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
75 28.2 21.1 31.7





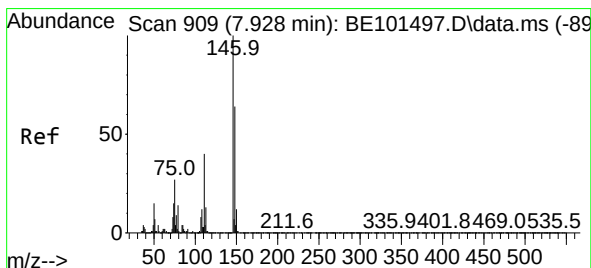
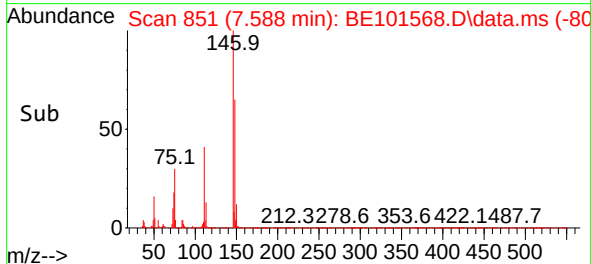
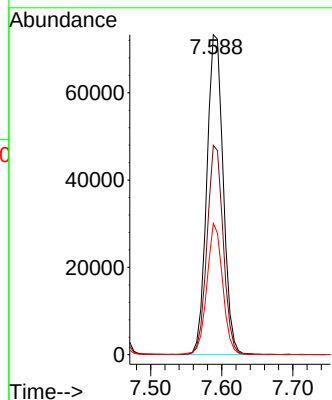
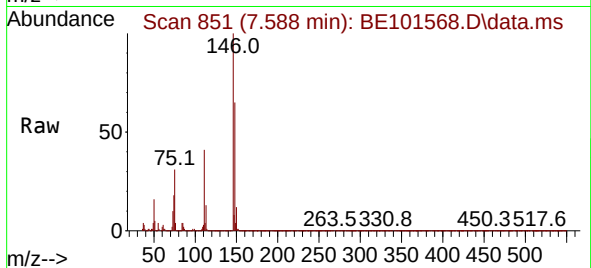
#13
1,4-Dichlorobenzene
Concen: 35.858 ng
RT: 7.588 min Scan# 851
Delta R.T. -0.010 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion:146 Resp: 117375
Ion Ratio Lower Upper
146 100
148 65.4 51.0 76.6
111 41.0 30.2 45.4

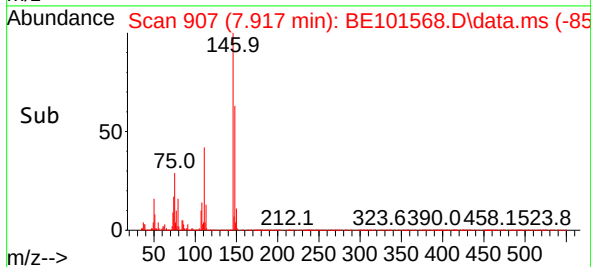
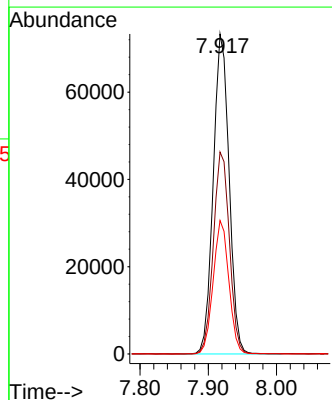
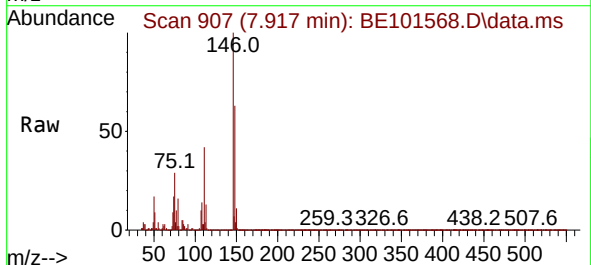
Manual Integrations
APPROVED

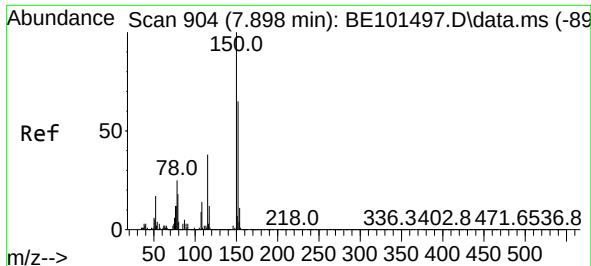
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#14
1,2-Dichlorobenzene
Concen: 36.893 ng
RT: 7.917 min Scan# 907
Delta R.T. -0.010 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion:146 Resp: 118541
Ion Ratio Lower Upper
146 100
148 63.1 51.2 76.8
111 41.7 32.2 48.4





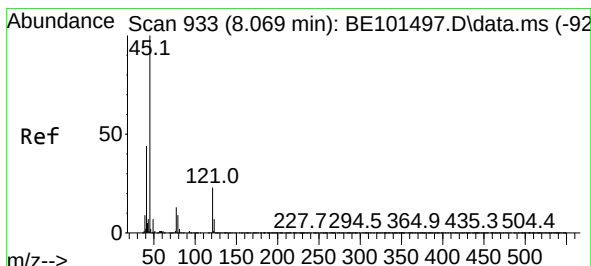
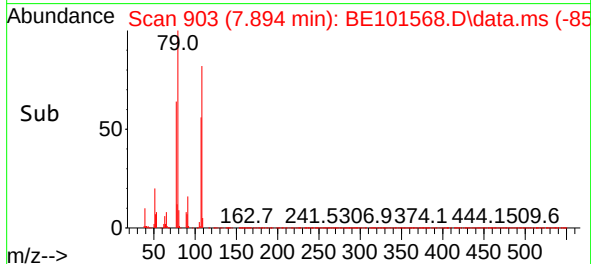
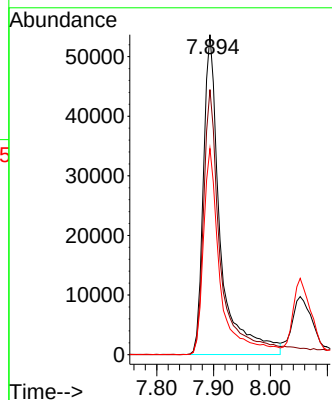
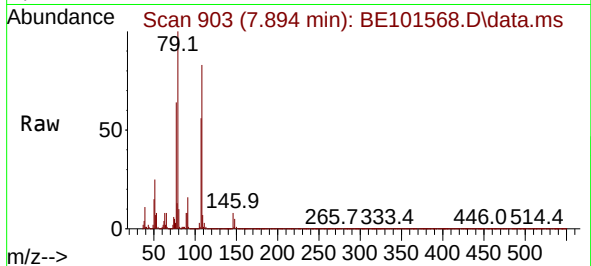
#15
Benzyl Alcohol
Concen: 55.345 ng
RT: 7.894 min Scan# 90
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion: 79 Resp: 11075
Ion Ratio Lower Upper
79 100
108 82.9 63.8 95.8
77 64.5 53.4 80.0

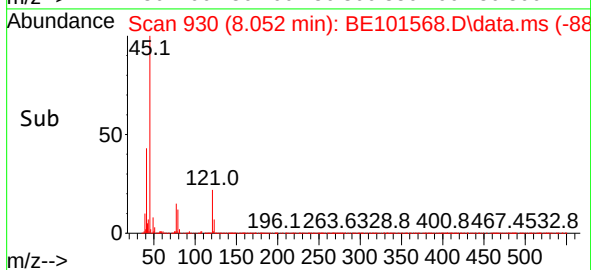
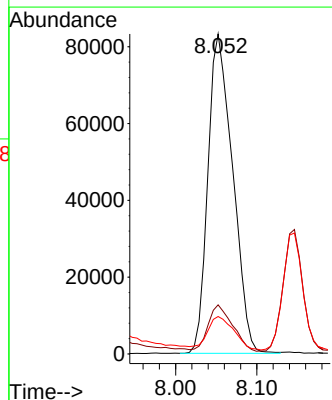
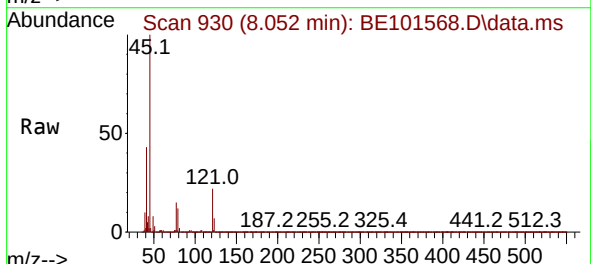
Manual Integrations
APPROVED

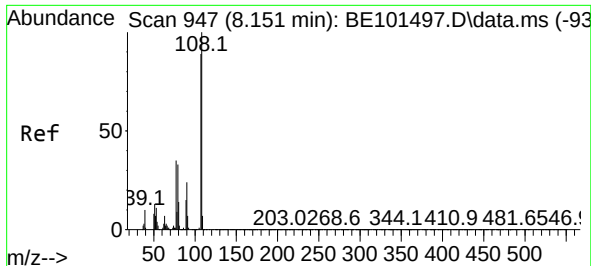
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.228 ng
RT: 8.052 min Scan# 930
Delta R.T. -0.016 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion: 45 Resp: 176227
Ion Ratio Lower Upper
45 100
77 15.4 0.0 36.2
79 11.7 0.0 33.8





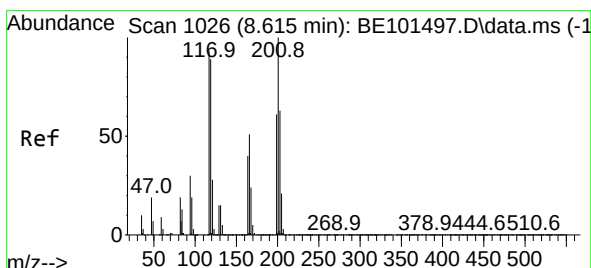
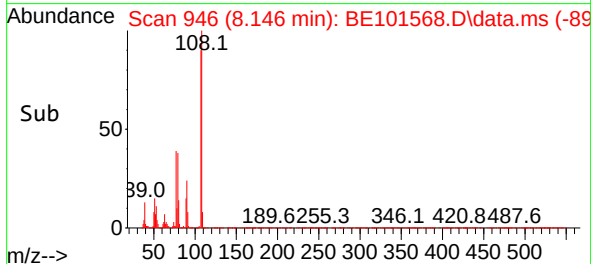
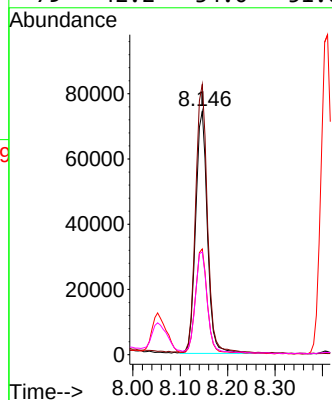
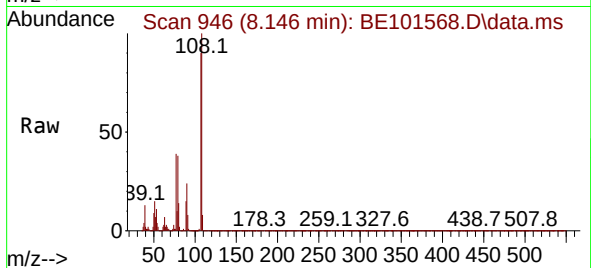
#17
2-Methylphenol
Concen: 53.174 ng
RT: 8.146 min Scan# 947
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.2	135.4
77	43.4	35.1	52.7
79	42.2	34.0	51.0

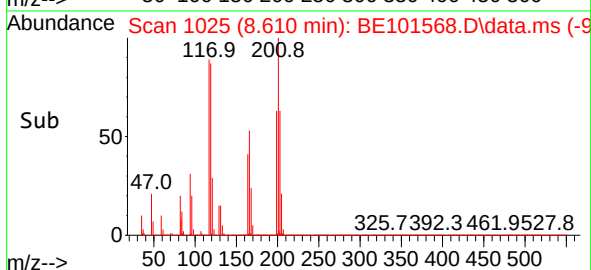
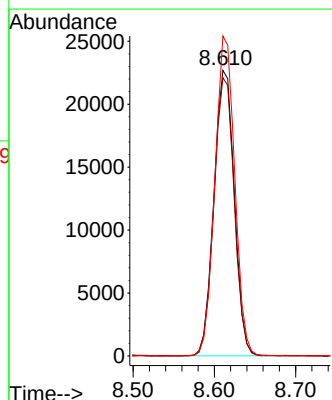
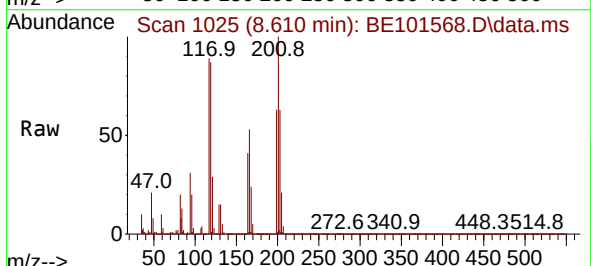
Manual Integrations
APPROVED

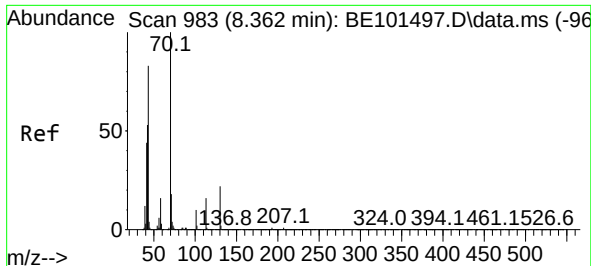
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#18
Hexachloroethane
Concen: 35.854 ng
RT: 8.610 min Scan# 1025
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.6	114.8
201	112.0	86.1	129.1





#19
n-Nitroso-di-n-propylamine
Concen: 49.399 ng
RT: 8.358 min Scan# 91
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :

BNA_E

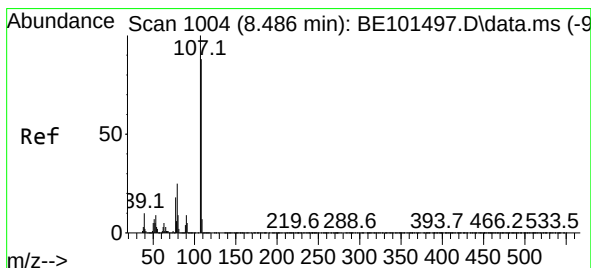
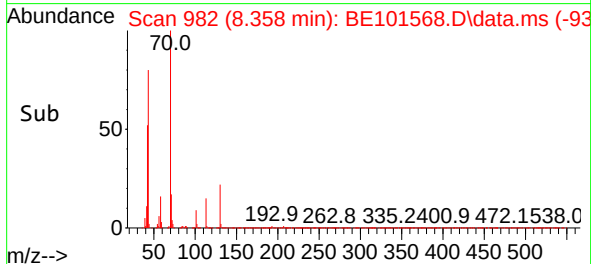
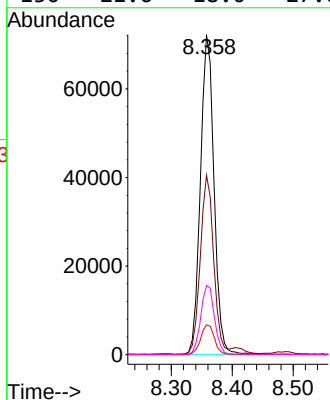
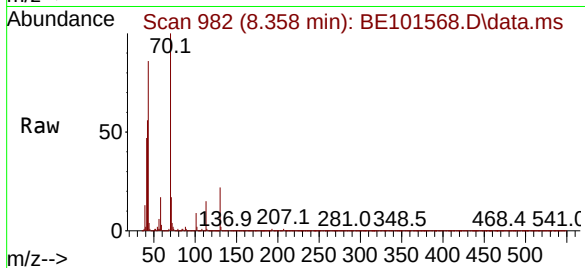
ClientSampleId :

BP-B4MS

Tgt Ion: 70 Resp: 11158
Ion Ratio Lower Upper
70 100
42 56.1 42.7 64.1
101 9.3 8.2 12.2
130 21.6 18.0 27.0

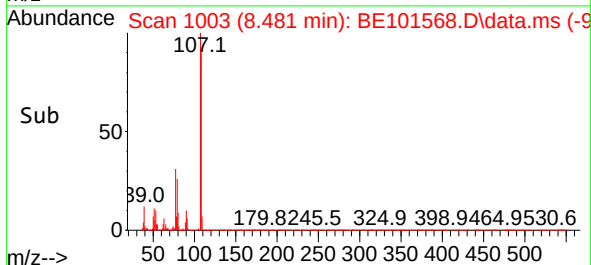
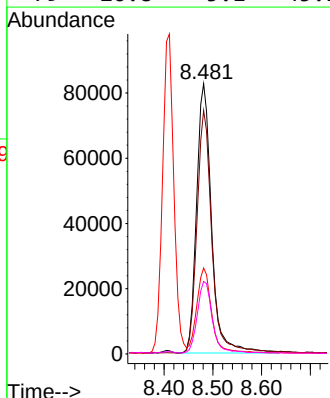
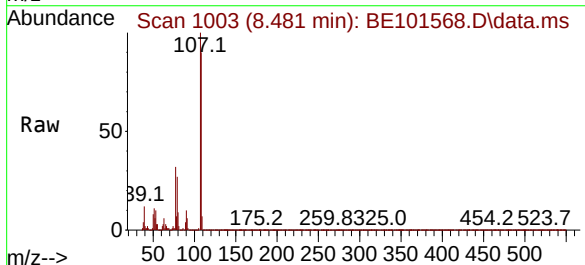
Manual Integrations
APPROVED

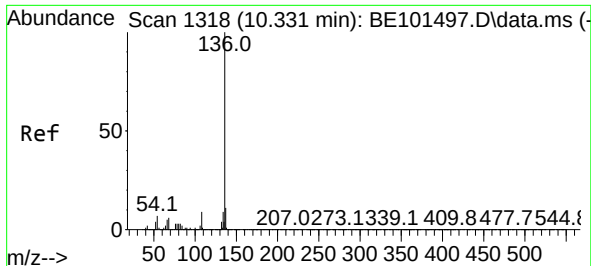
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#20
3+4-Methylphenols
Concen: 53.010 ng
RT: 8.481 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion:107 Resp: 177447
Ion Ratio Lower Upper
107 100
108 90.1 68.2 108.2
77 31.8 10.4 50.4
79 26.8 5.1 45.1





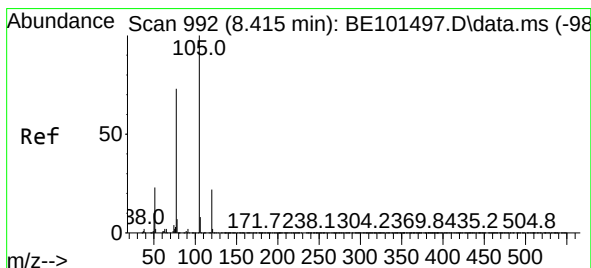
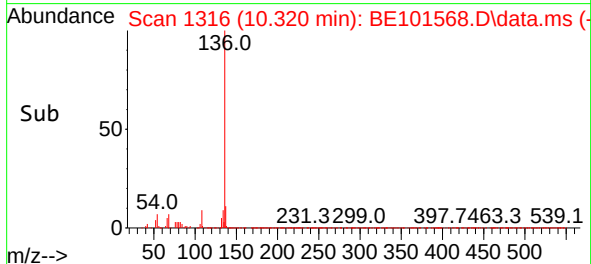
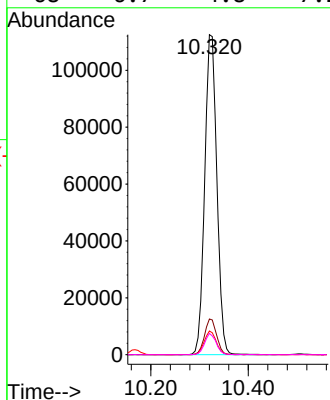
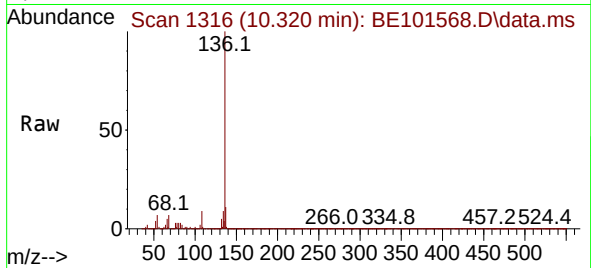
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.320 min Scan# 1316
Delta R.T. -0.010 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion:	136	Resp:	19356
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	7.4	5.6	8.4
68	6.7	4.8	7.2

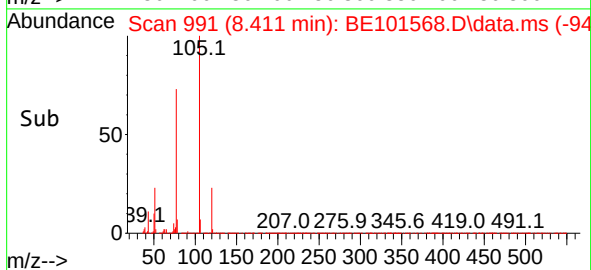
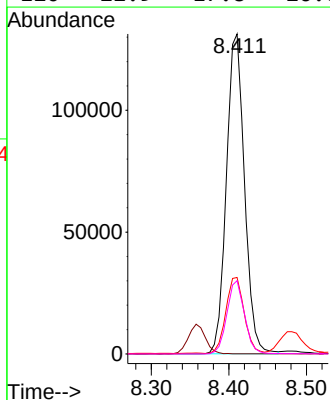
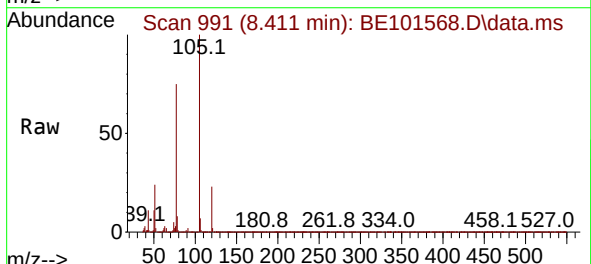
Manual Integrations
APPROVED

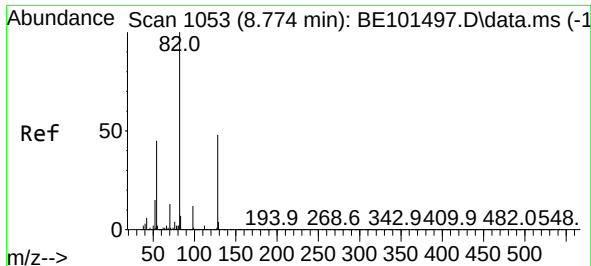
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#22
Acetophenone
Concen: 48.541 ng
RT: 8.411 min Scan# 991
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion:	105	Resp:	212787
Ion Ratio	Lower	Upper	
105	100		
71	0.1	0.1	0.1
51	23.9	18.7	28.1
120	22.9	17.8	26.6





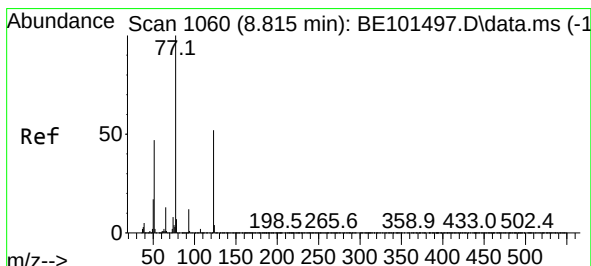
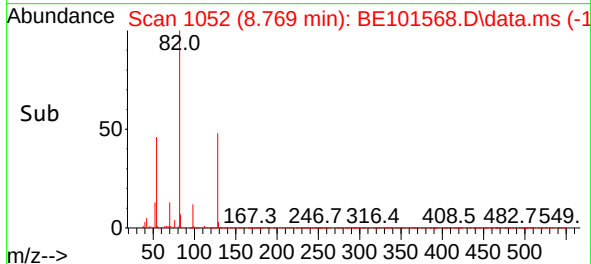
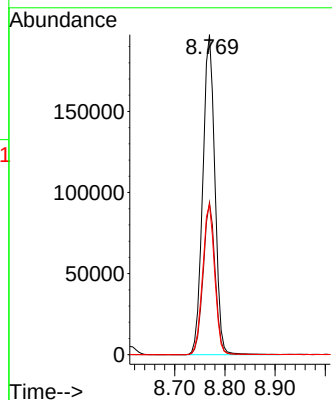
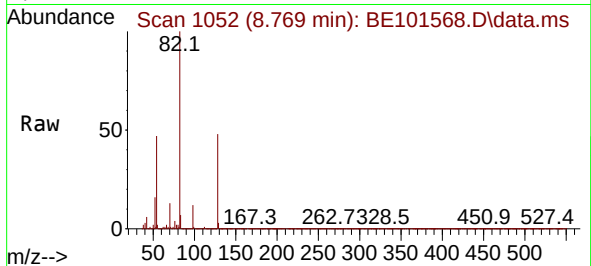
#23
Nitrobenzene-d5
Concen: 108.002 ng
RT: 8.769 min Scan# 1052
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion: 82 Resp: 33096
Ion Ratio Lower Upper
82 100
128 47.6 38.6 58.0
54 46.9 36.3 54.5

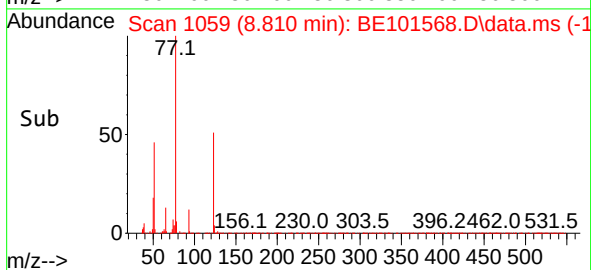
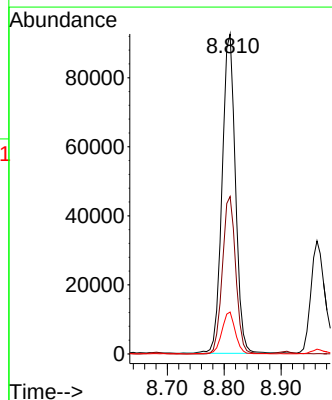
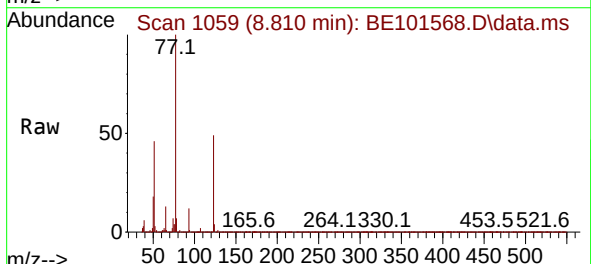
Manual Integrations
APPROVED

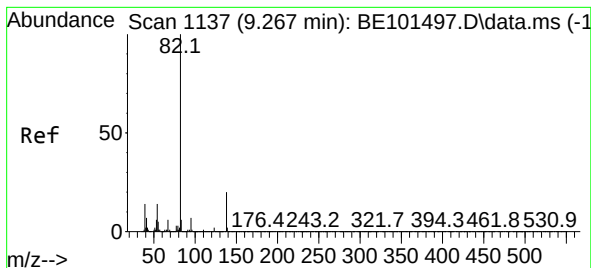
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#24
Nitrobenzene
Concen: 47.453 ng
RT: 8.810 min Scan# 1059
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion: 77 Resp: 151252
Ion Ratio Lower Upper
77 100
123 49.2 41.2 61.8
65 13.1 10.3 15.5





#25

Isophorone

Concen: 52.603 ng

RT: 9.257 min Scan# 1135

Delta R.T. -0.010 min

Lab File: BE101568.D

Acq: 11 Nov 2024 12:45

Instrument :

BNA_E

ClientSampleId :

BP-B4MS

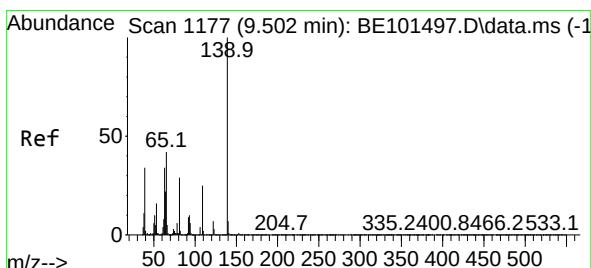
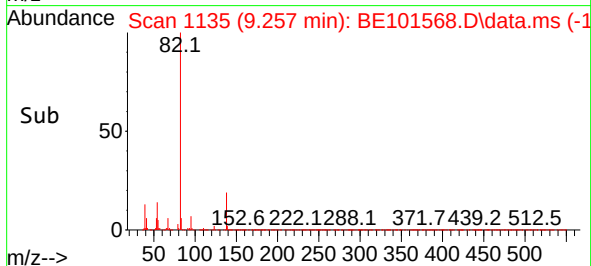
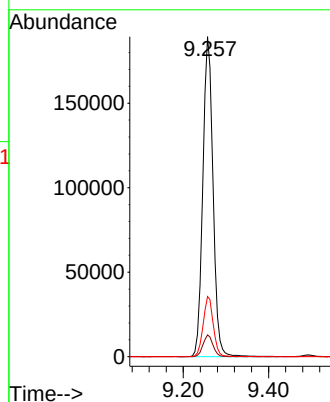
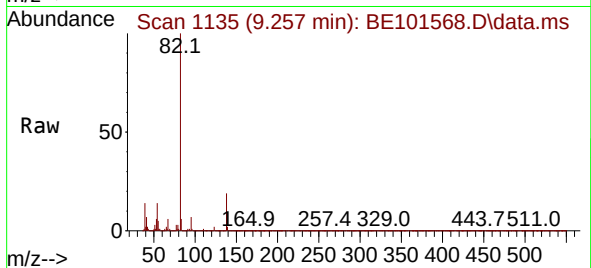
Tgt Ion:	82	Resp:	313700
Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.5	8.3
138	18.8	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#26

2-Nitrophenol

Concen: 49.766 ng

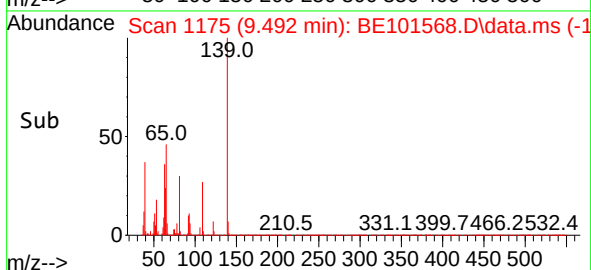
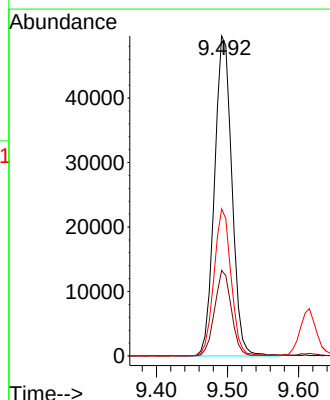
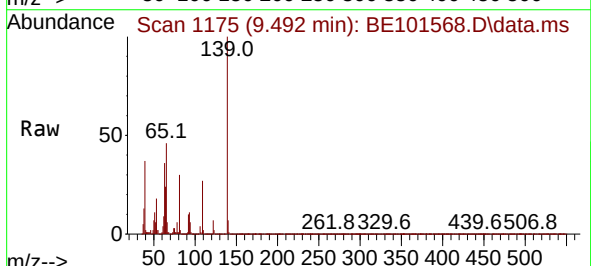
RT: 9.492 min Scan# 1175

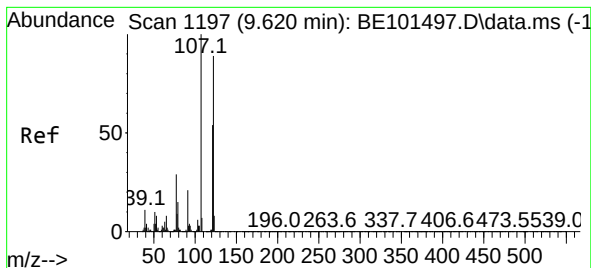
Delta R.T. -0.010 min

Lab File: BE101568.D

Acq: 11 Nov 2024 12:45

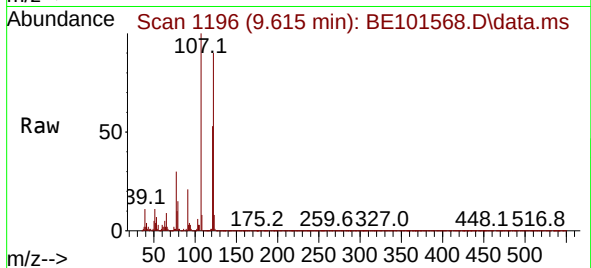
Tgt Ion:	139	Resp:	84415
Ion	Ratio	Lower	Upper
139	100		
109	26.8	20.2	30.4
65	46.0	34.0	51.0





#27
2,4-Dimethylphenol
Concen: 66.134 ng
RT: 9.615 min Scan# 1196
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

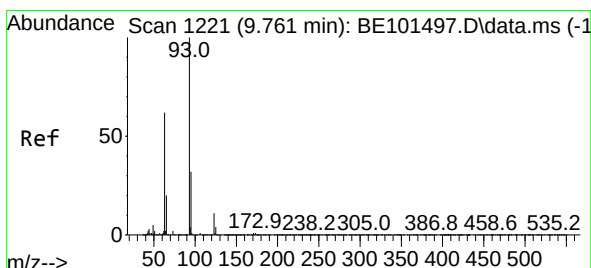
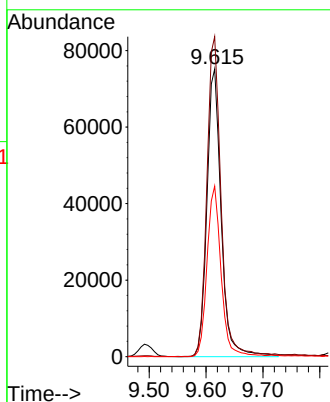
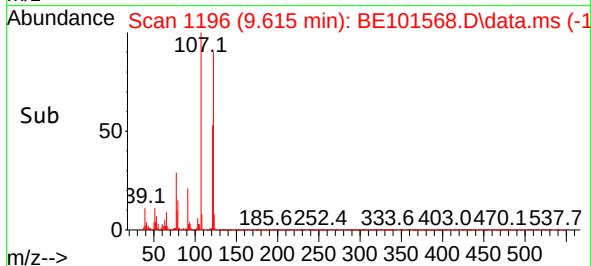
Instrument :
BNA_E
ClientSampleId :
BP-B4MS



Tgt Ion: 122 Resp: 129798
Ion Ratio Lower Upper
122 100
107 111.2 89.8 134.6
121 59.3 48.0 72.0

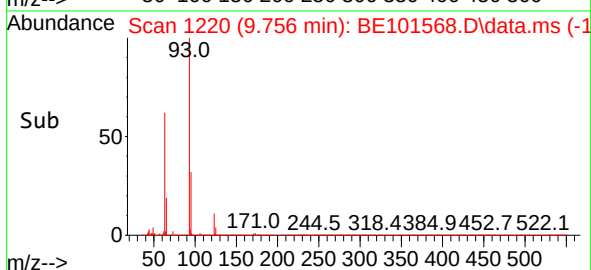
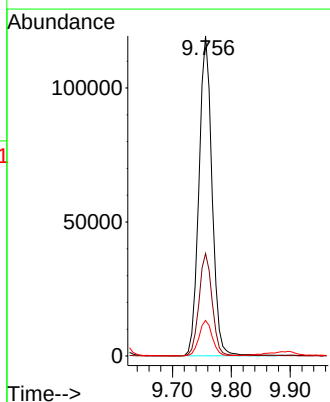
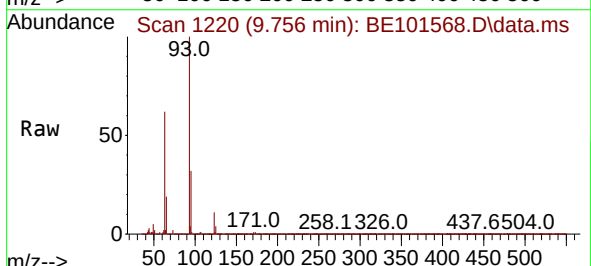
Manual Integrations
APPROVED

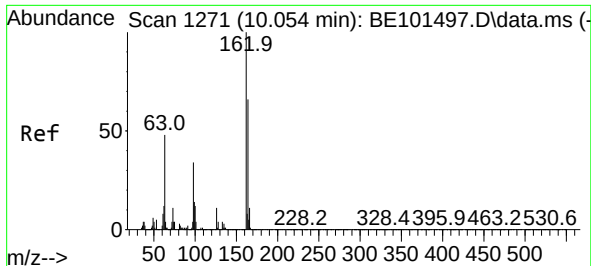
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#28
bis(2-Chloroethoxy)methane
Concen: 50.577 ng
RT: 9.756 min Scan# 1220
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion: 93 Resp: 184633
Ion Ratio Lower Upper
93 100
95 32.0 25.9 38.9
123 11.1 9.2 13.8





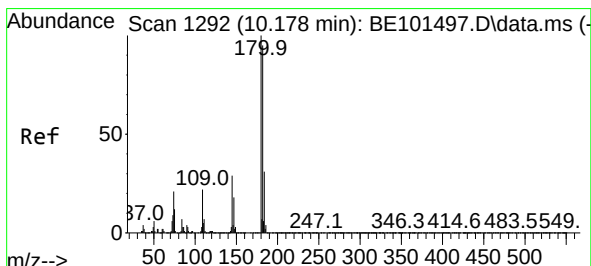
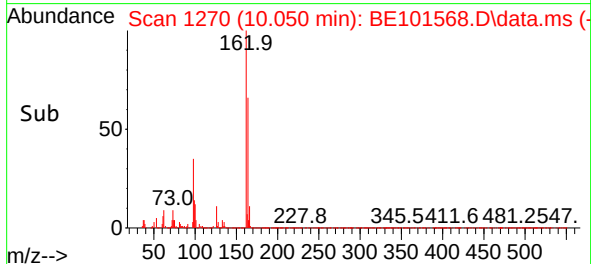
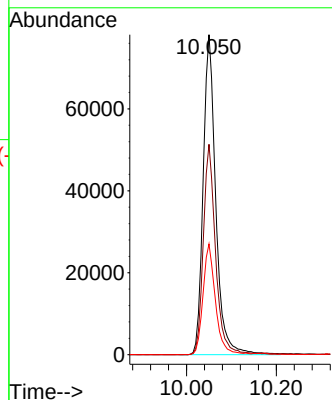
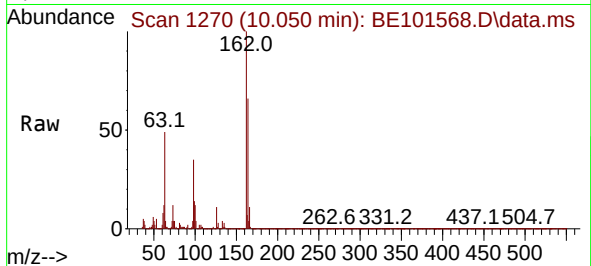
#29
2,4-Dichlorophenol
Concen: 54.564 ng
RT: 10.050 min Scan# 1270
Delta R.T. -0.004 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion:162 Resp: 15202
Ion Ratio Lower Upper
162 100
164 65.7 45.7 85.7
98 34.6 14.0 54.0

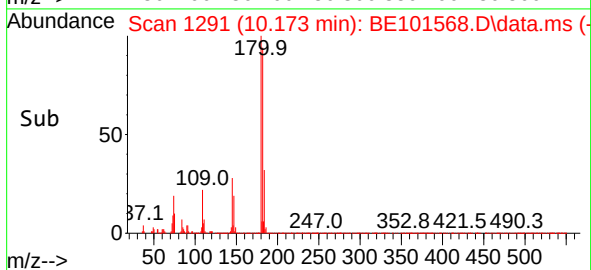
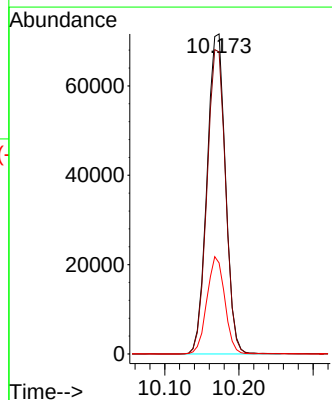
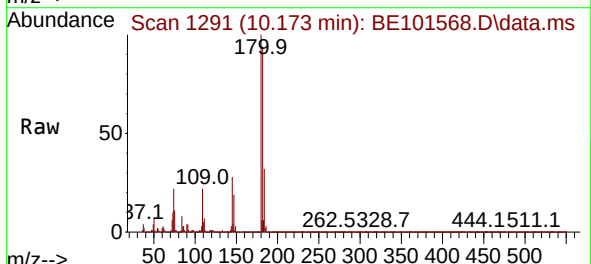
Manual Integrations
APPROVED

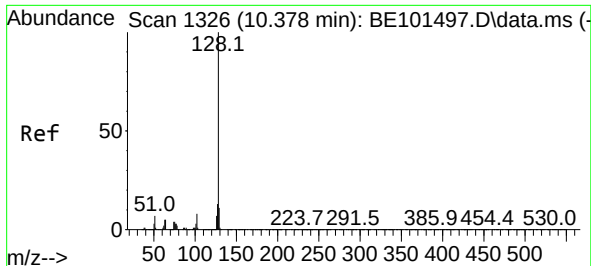
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#30
1,2,4-Trichlorobenzene
Concen: 39.848 ng
RT: 10.173 min Scan# 1291
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion:180 Resp: 123940
Ion Ratio Lower Upper
180 100
182 94.4 76.2 114.2
145 28.4 23.2 34.8





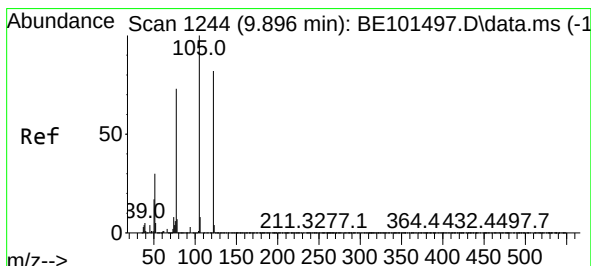
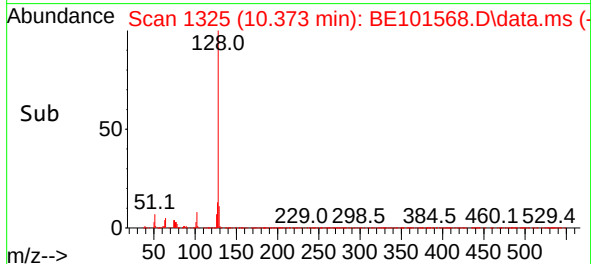
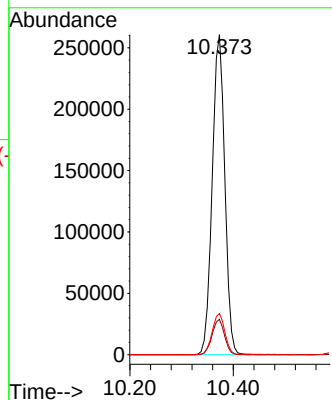
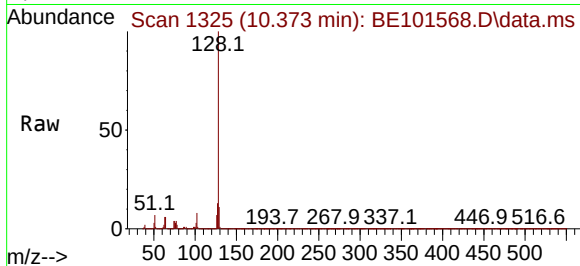
#31
Naphthalene
Concen: 44.855 ng
RT: 10.373 min Scan# 1326
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion:128 Resp: 438324
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.9 10.3 15.5

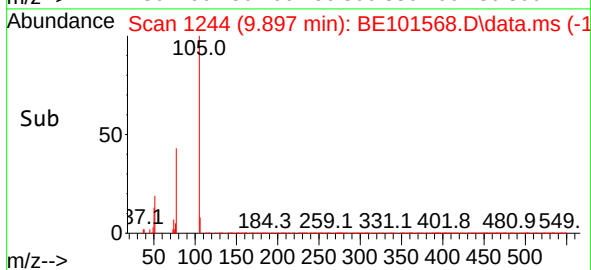
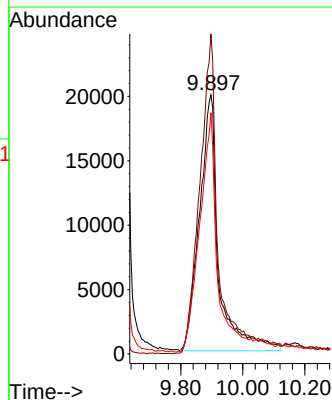
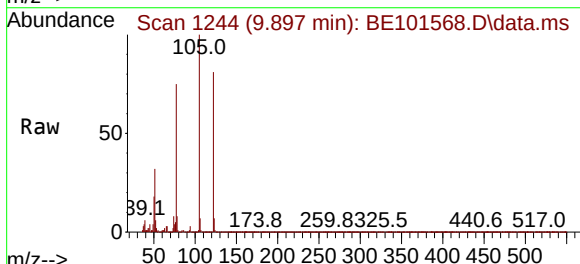
Manual Integrations
APPROVED

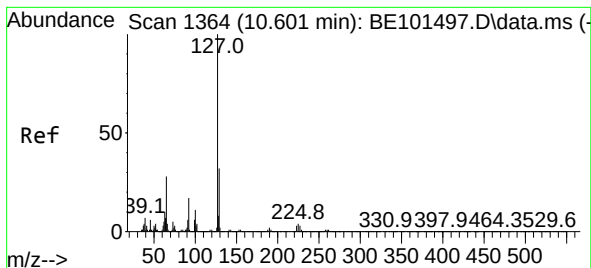
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#32
Benzoic acid
Concen: 46.697 ng
RT: 9.897 min Scan# 1244
Delta R.T. 0.001 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion:122 Resp: 85241
Ion Ratio Lower Upper
122 100
105 123.5 100.6 140.6
77 93.2 68.6 108.6





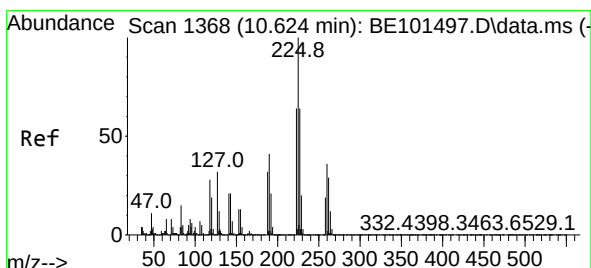
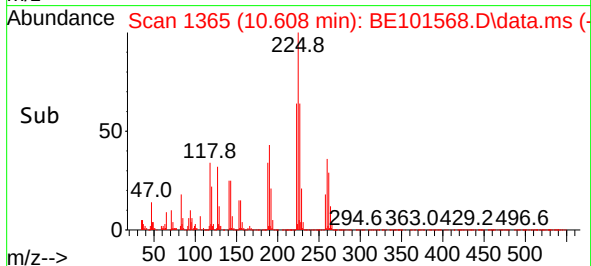
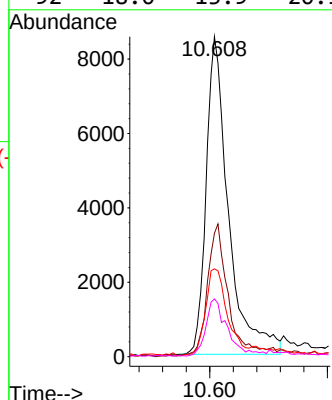
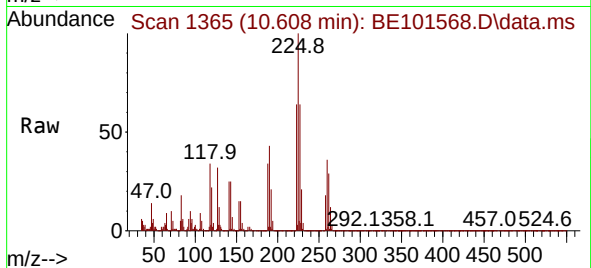
#33
4-Chloroaniline
Concen: 6.557 ng
RT: 10.608 min Scan# 1365
Delta R.T. 0.007 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	38.5	25.8	38.8
65	27.4	22.6	33.8
92	18.0	13.9	20.9

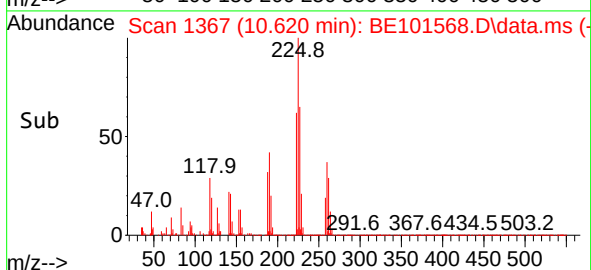
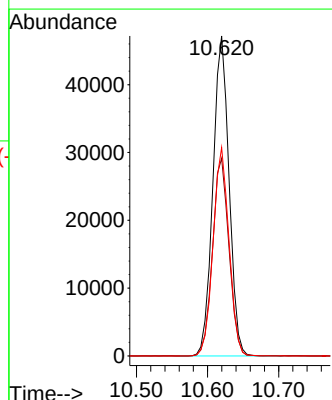
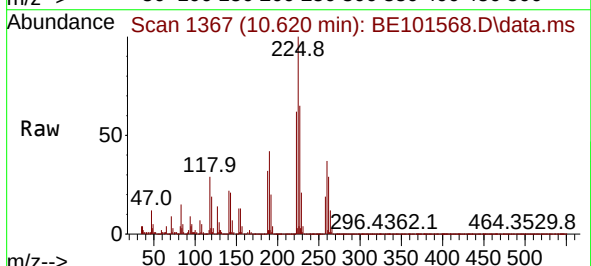
Manual Integrations
APPROVED

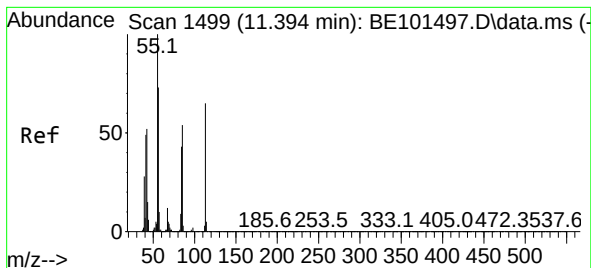
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#34
Hexachlorobutadiene
Concen: 38.677 ng
RT: 10.620 min Scan# 1367
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

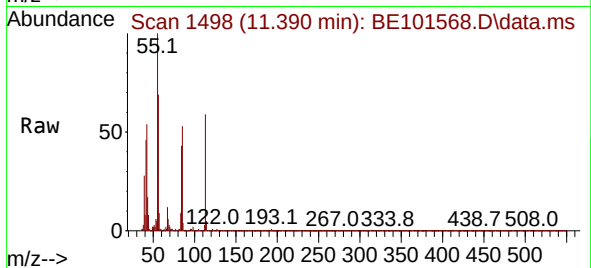
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.0	76.6
227	65.2	51.0	76.6





#35
Caprolactam
Concen: 45.442 ng m
RT: 11.390 min Scan# 1499
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

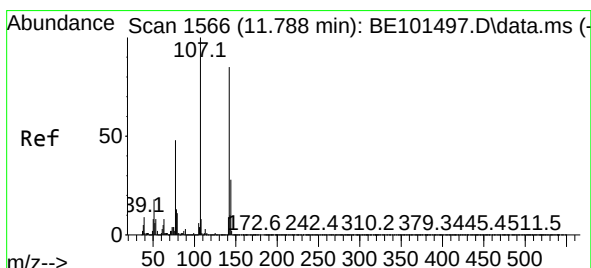
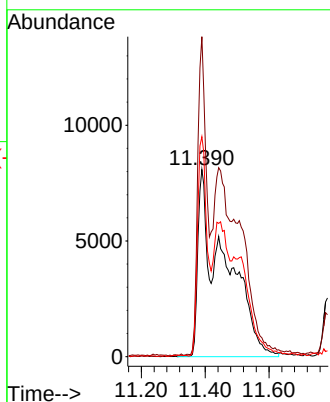
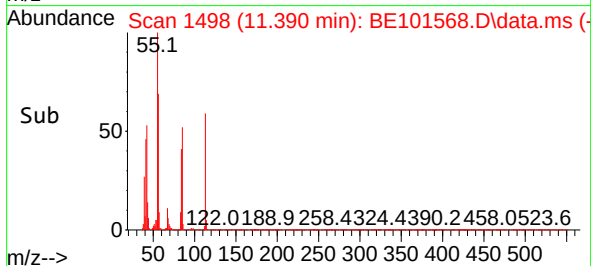
Instrument :
BNA_E
ClientSampleId :
BP-B4MS



Tgt Ion:113 Resp: 46494
Ion Ratio Lower Upper
113 100
55 170.9 134.3 174.3
56 117.5 92.6 132.6

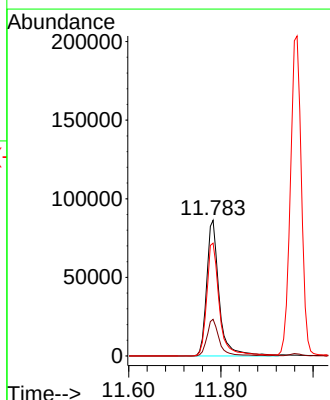
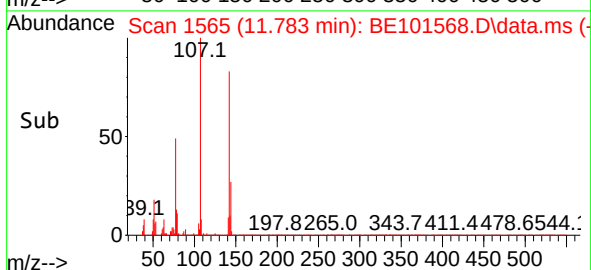
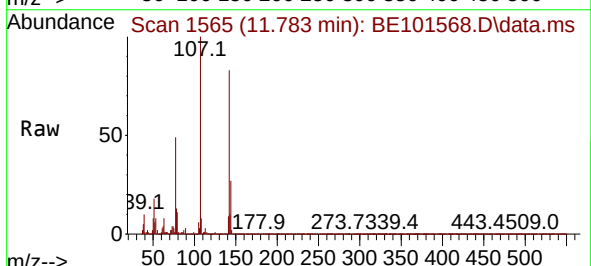
Manual Integrations
APPROVED

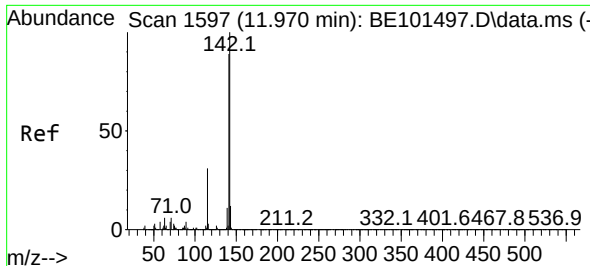
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#36
4-Chloro-3-methylphenol
Concen: 53.495 ng
RT: 11.783 min Scan# 1565
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion:107 Resp: 162759
Ion Ratio Lower Upper
107 100
144 27.0 22.4 33.6
142 83.1 68.2 102.2





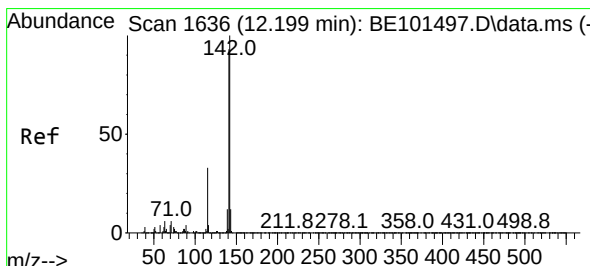
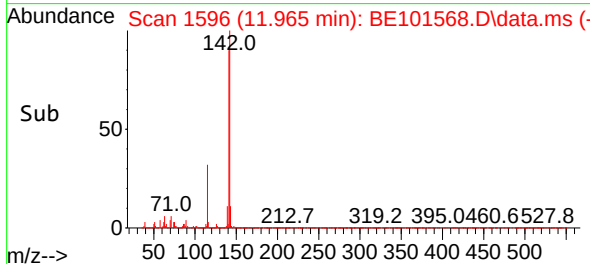
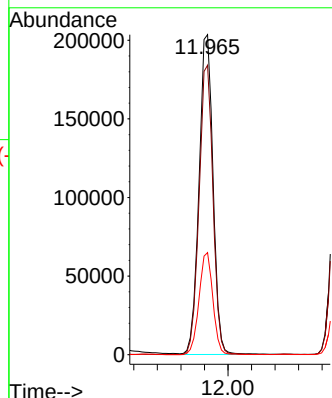
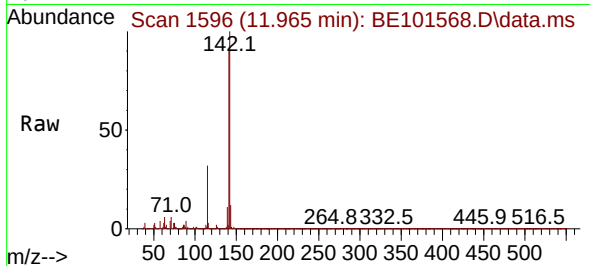
#37
2-Methylnaphthalene
Concen: 48.405 ng
RT: 11.965 min Scan# 11
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion:142 Resp: 33596
Ion Ratio Lower Upper
142 100
141 90.4 71.3 106.9
115 31.9 25.0 37.4

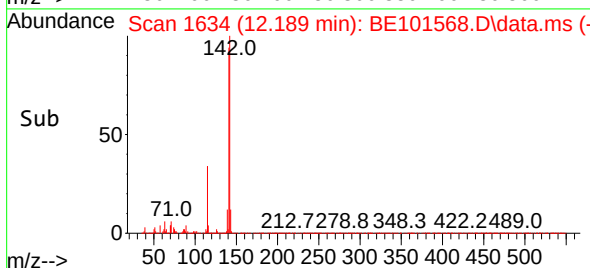
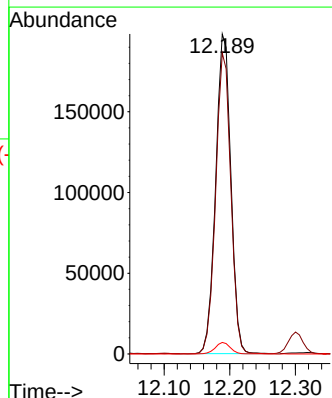
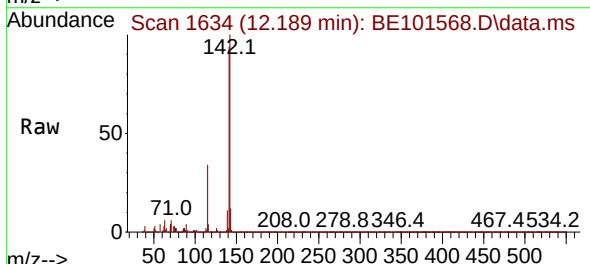
Manual Integrations
APPROVED

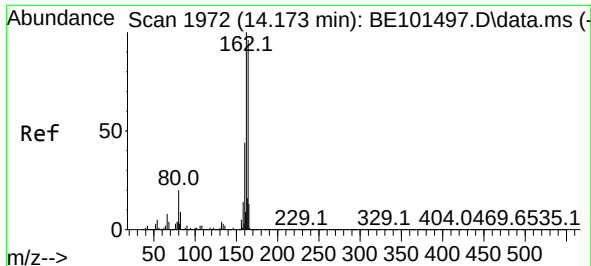
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#38
1-Methylnaphthalene
Concen: 45.766 ng
RT: 12.189 min Scan# 1634
Delta R.T. -0.010 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion:142 Resp: 316780
Ion Ratio Lower Upper
142 100
141 94.0 74.7 112.1
116 3.6 2.9 4.3





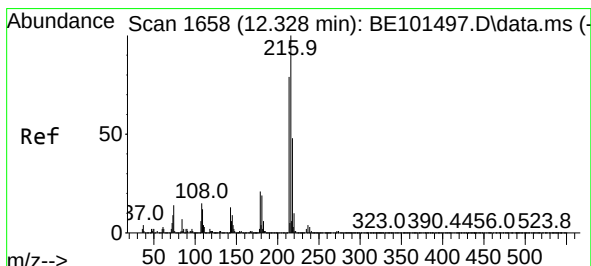
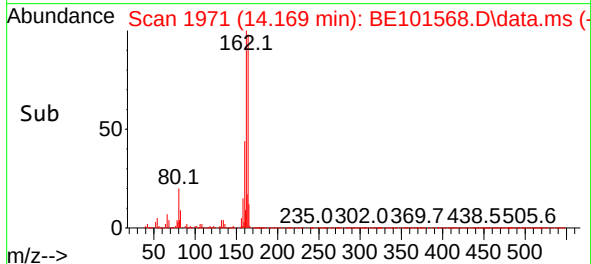
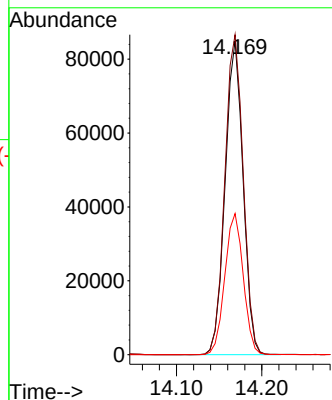
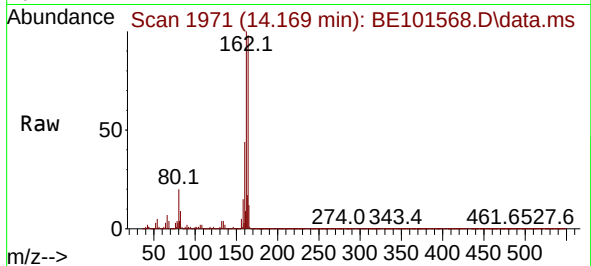
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.169 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion:164 Resp: 12380
Ion Ratio Lower Upper
164 100
162 102.0 83.7 125.5
160 45.0 37.1 55.7

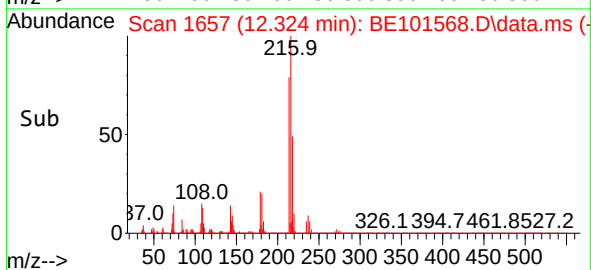
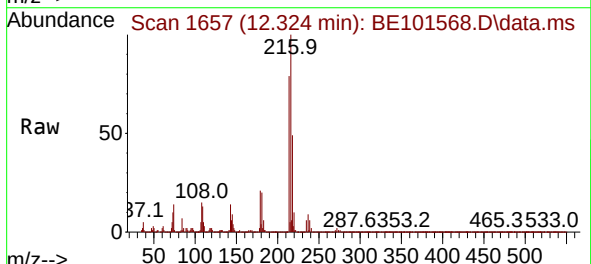
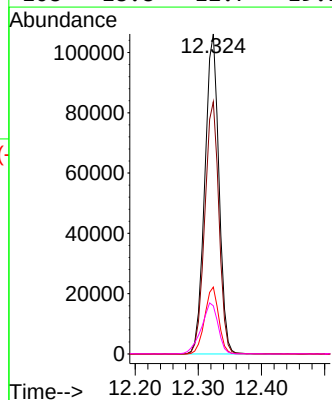
Manual Integrations
APPROVED

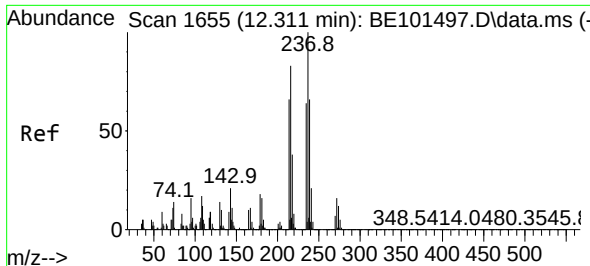
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.309 ng
RT: 12.324 min Scan# 1657
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion:216 Resp: 164209
Ion Ratio Lower Upper
216 100
214 79.0 62.6 93.8
179 20.8 16.4 24.6
108 18.8 12.7 19.1





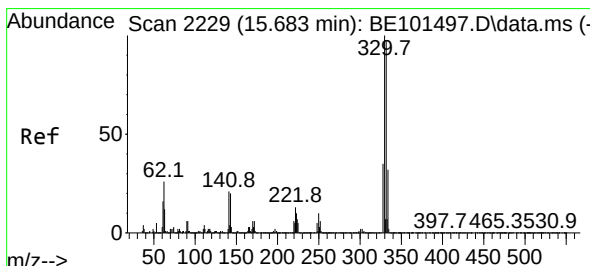
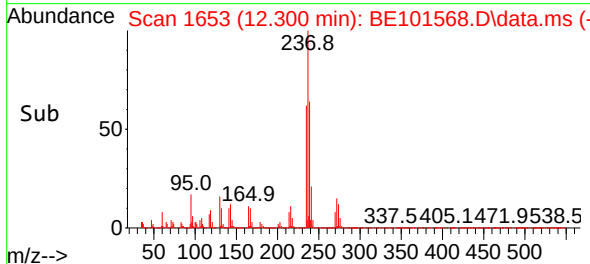
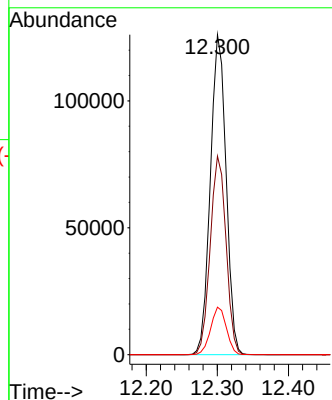
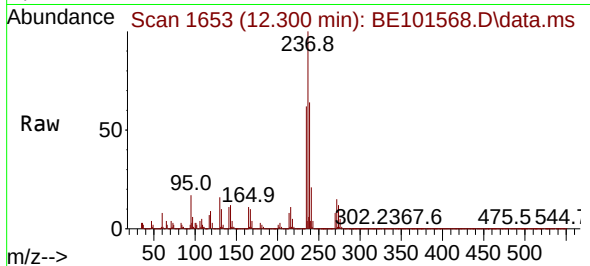
#41
Hexachlorocyclopentadiene
Concen: 203.805 ng
RT: 12.300 min Scan# 1653
Delta R.T. -0.010 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion: 237 Resp: 194124
Ion Ratio Lower Upper
237 100
235 62.1 43.5 83.5
272 14.9 0.0 35.6

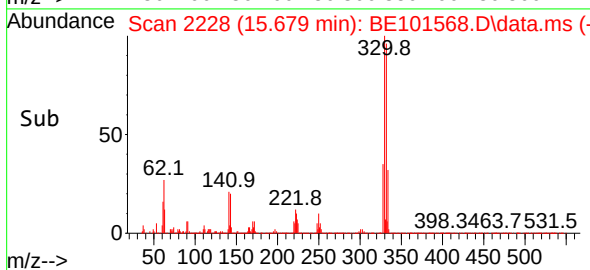
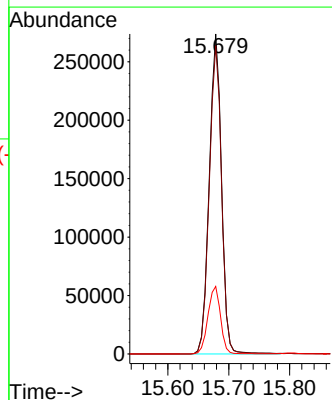
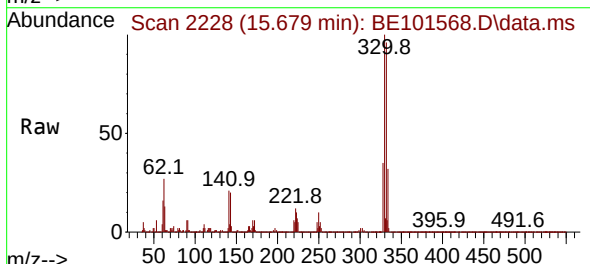
Manual Integrations
APPROVED

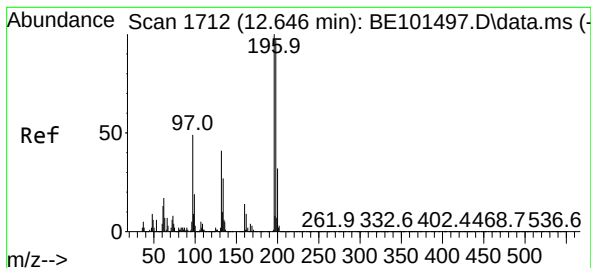
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#42
2,4,6-Tribromophenol
Concen: 164.248 ng
RT: 15.679 min Scan# 2228
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion: 330 Resp: 382629
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 21.7 17.0 25.4





#43

2,4,6-Trichlorophenol

Concen: 58.848 ng

RT: 12.641 min Scan# 1712

Delta R.T. -0.005 min

Lab File: BE101568.D

Acq: 11 Nov 2024 12:45

Instrument :

BNA_E

ClientSampleId :

BP-B4MS

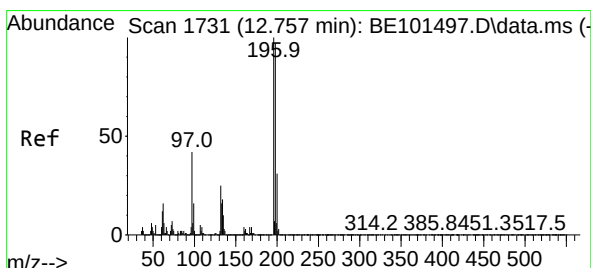
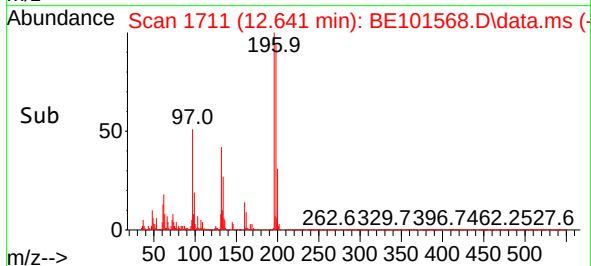
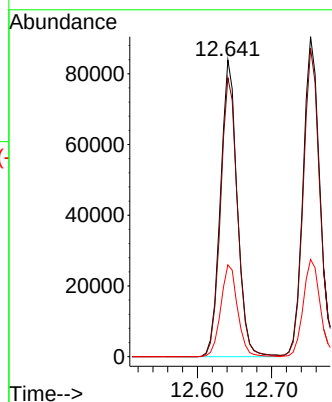
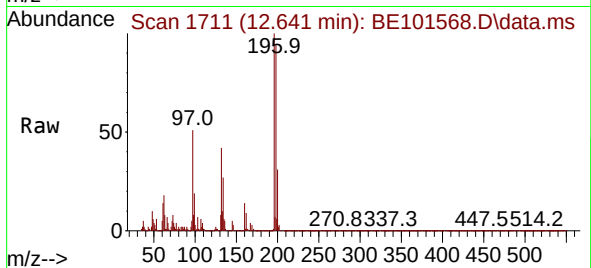
Tgt Ion:196 Resp: 131910
 Ion Ratio Lower Upper
 196 100
 198 94.0 77.7 116.5
 200 31.0 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#44

2,4,5-Trichlorophenol

Concen: 57.913 ng

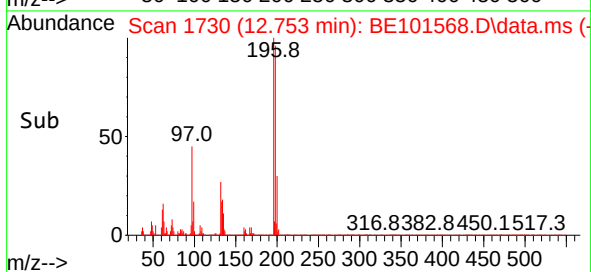
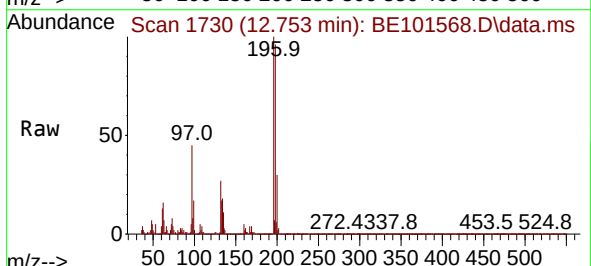
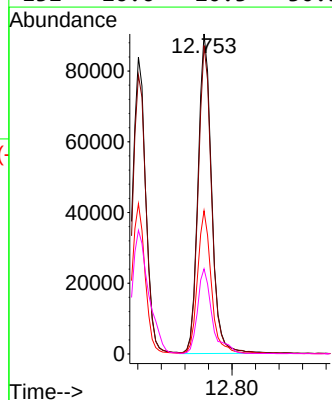
RT: 12.753 min Scan# 1730

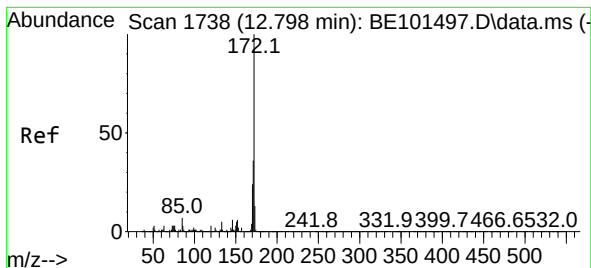
Delta R.T. -0.005 min

Lab File: BE101568.D

Acq: 11 Nov 2024 12:45

Tgt Ion:196 Resp: 144628
 Ion Ratio Lower Upper
 196 100
 198 96.4 77.3 115.9
 97 44.8 33.4 50.0
 132 26.6 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 108.269 ng

RT: 12.788 min Scan# 1736

Delta R.T. -0.010 min

Lab File: BE101568.D

Acq: 11 Nov 2024 12:45

Instrument :

BNA_E

ClientSampleId :

BP-B4MS

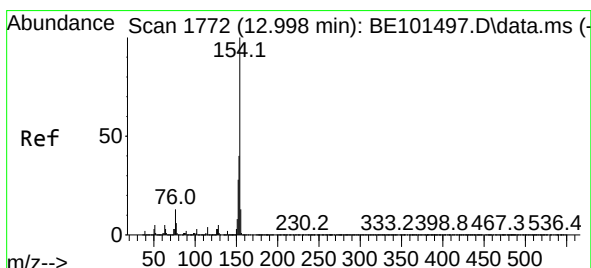
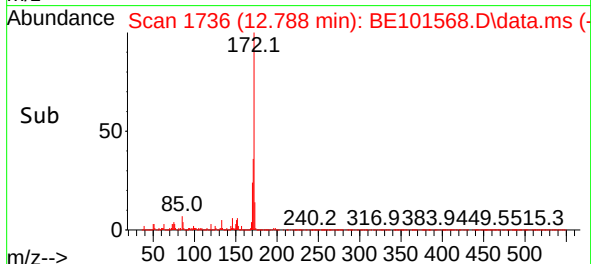
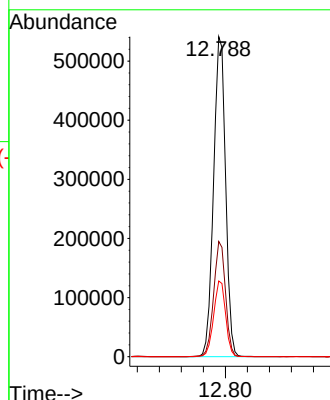
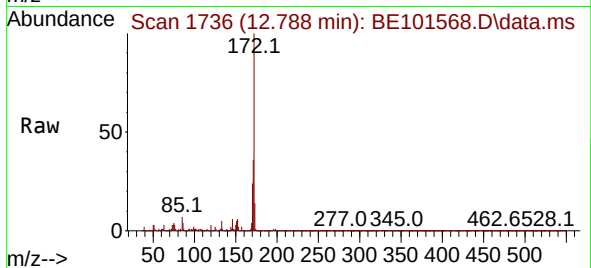
Tgt Ion:	172	Resp:	820910
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.6	43.0
170	23.7	18.9	28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#46

1,1'-Biphenyl

Concen: 53.261 ng

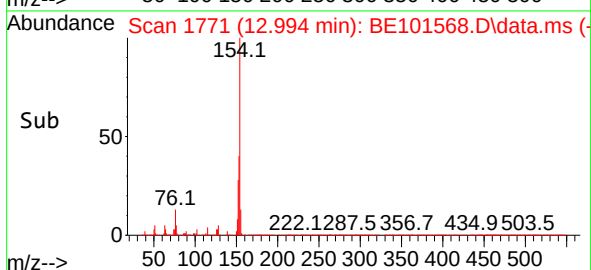
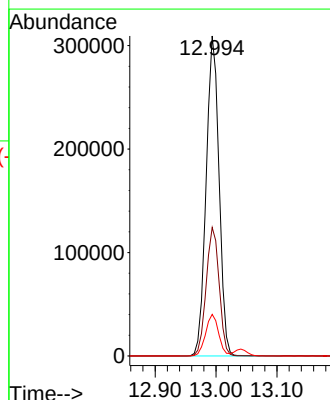
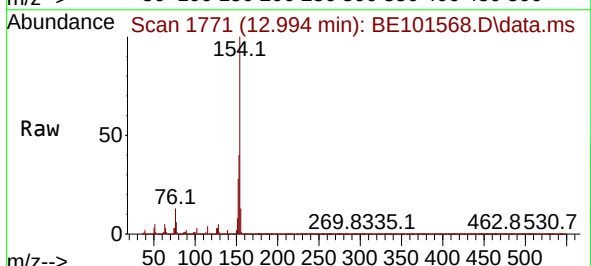
RT: 12.994 min Scan# 1771

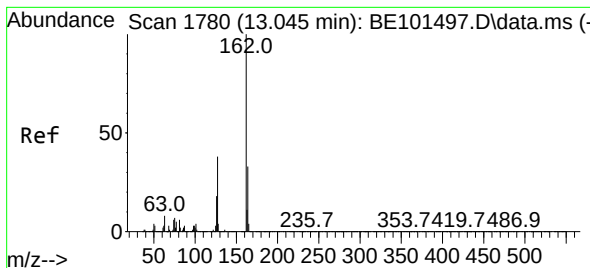
Delta R.T. -0.005 min

Lab File: BE101568.D

Acq: 11 Nov 2024 12:45

Tgt Ion:	154	Resp:	454831
Ion Ratio	Lower	Upper	
154	100		
153	40.2	19.7	59.7
76	13.0	0.0	33.0





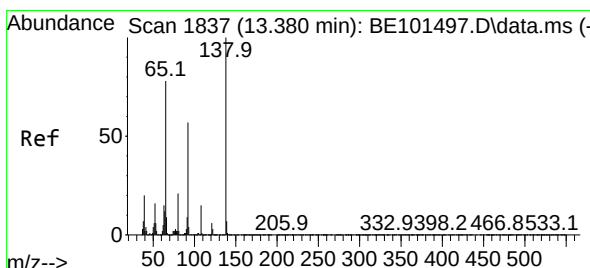
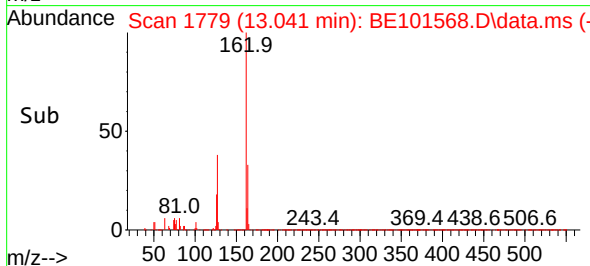
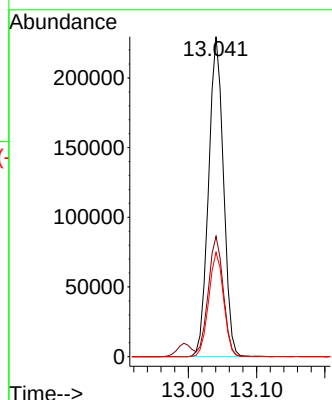
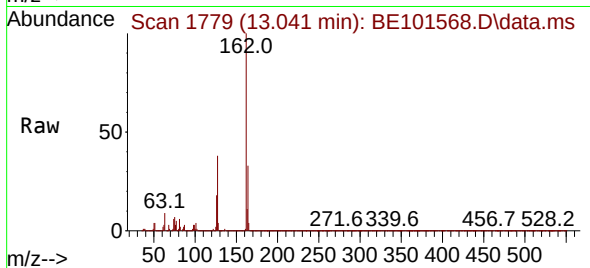
#47
2-Chloronaphthalene
Concen: 51.788 ng
RT: 13.041 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion:162 Resp: 348818
Ion Ratio Lower Upper
162 100
127 37.6 30.2 45.4
164 32.6 26.4 39.6

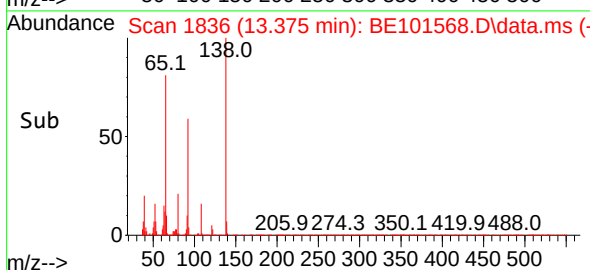
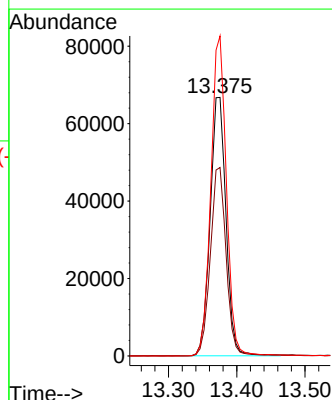
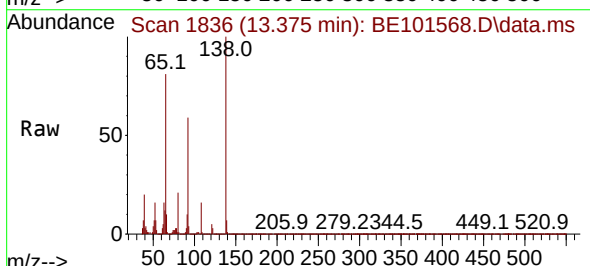
Manual Integrations
APPROVED

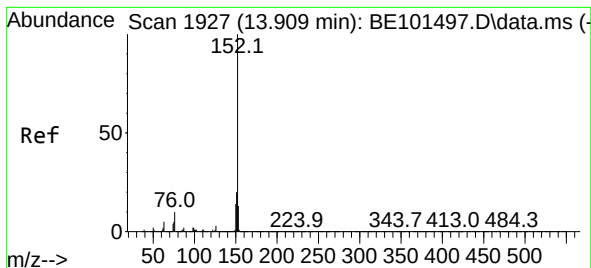
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#48
2-Nitroaniline
Concen: 60.707 ng
RT: 13.375 min Scan# 1836
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion: 65 Resp: 108234
Ion Ratio Lower Upper
65 100
92 72.9 58.9 88.3
138 123.8 103.0 154.6





#49

Acenaphthylene

Concen: 58.564 ng

RT: 13.898 min Scan# 1925

Delta R.T. -0.010 min

Lab File: BE101568.D

Acq: 11 Nov 2024 12:45

Instrument :

BNA_E

ClientSampleId :

BP-B4MS

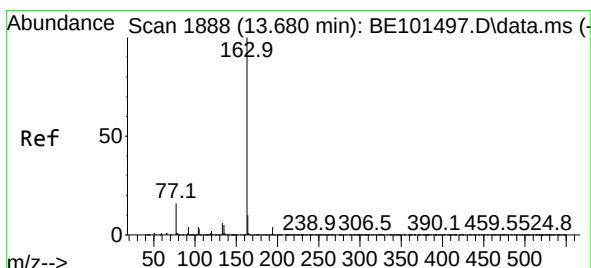
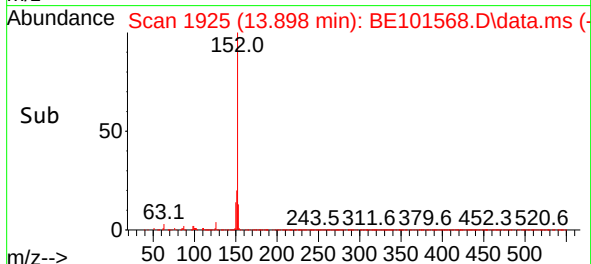
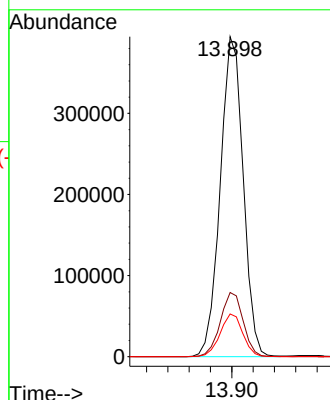
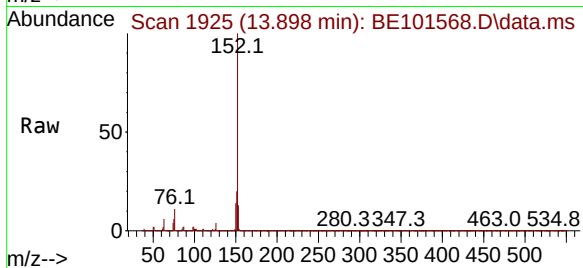
Tgt Ion:	152	Resp:	58782
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.6	23.4
153	13.4	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#50

Dimethylphthalate

Concen: 56.446 ng

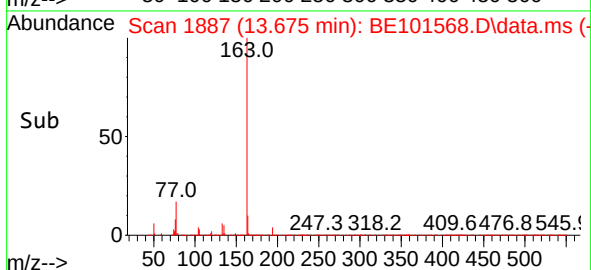
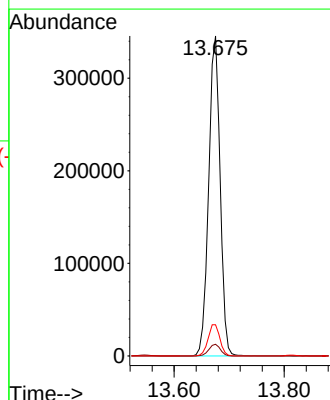
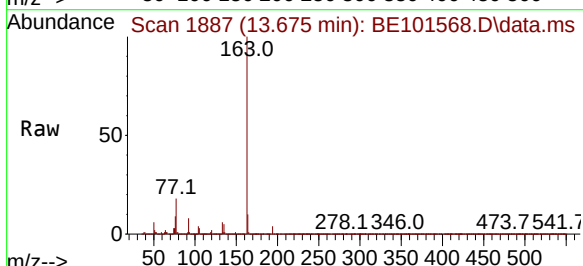
RT: 13.675 min Scan# 1887

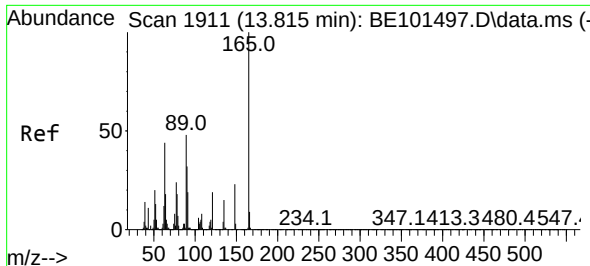
Delta R.T. -0.005 min

Lab File: BE101568.D

Acq: 11 Nov 2024 12:45

Tgt Ion:	163	Resp:	497623
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.9	4.3
164	9.8	8.2	12.2





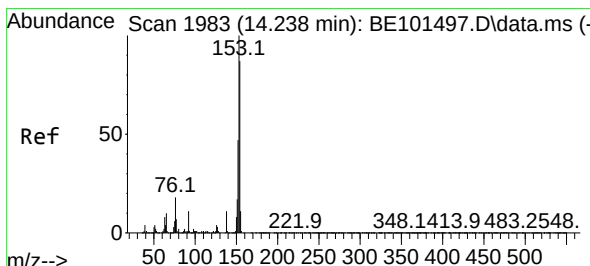
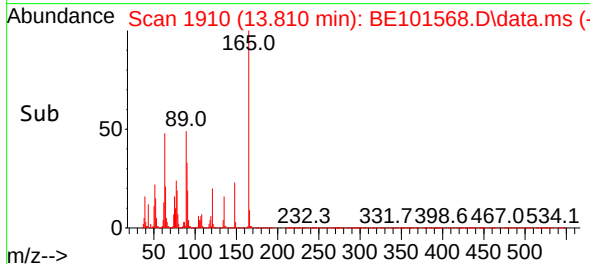
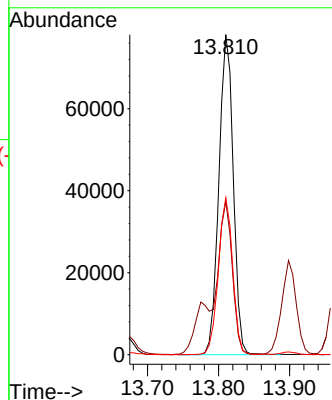
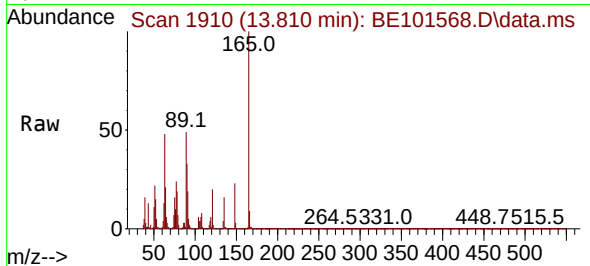
#51
2,6-Dinitrotoluene
Concen: 53.733 ng
RT: 13.810 min Scan# 1911
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion:165 Resp: 10933
Ion Ratio Lower Upper
165 100
63 47.9 37.2 55.8
89 49.0 38.4 57.6

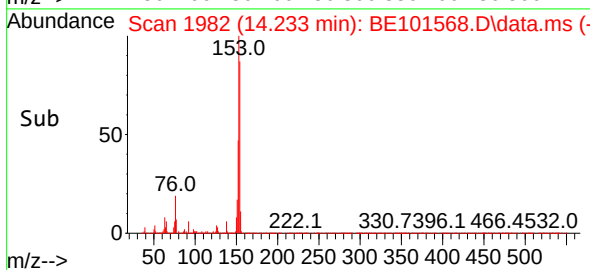
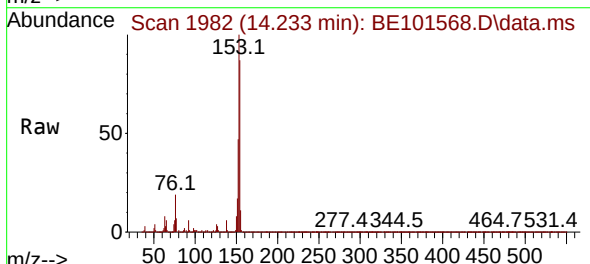
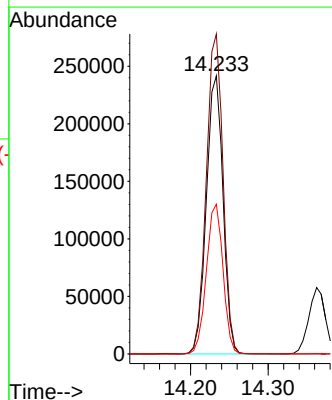
Manual Integrations
APPROVED

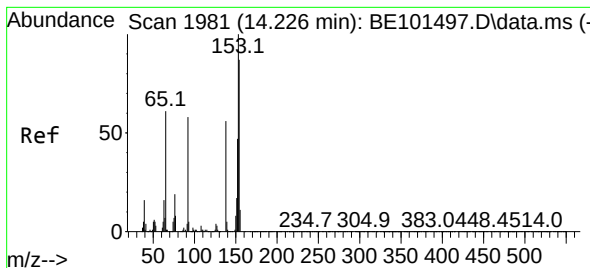
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#52
Acenaphthene
Concen: 56.258 ng
RT: 14.233 min Scan# 1982
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion:154 Resp: 360342
Ion Ratio Lower Upper
154 100
153 115.1 92.3 138.5
152 53.9 43.6 65.4





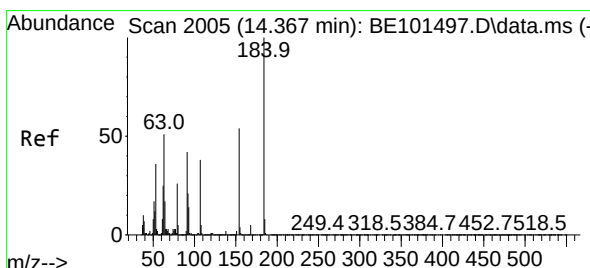
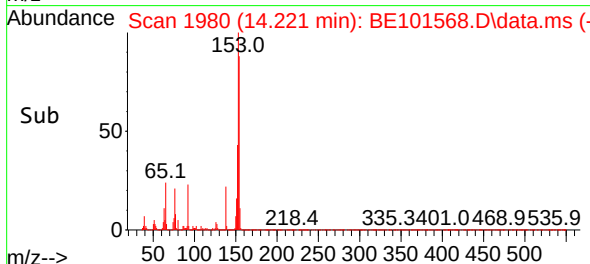
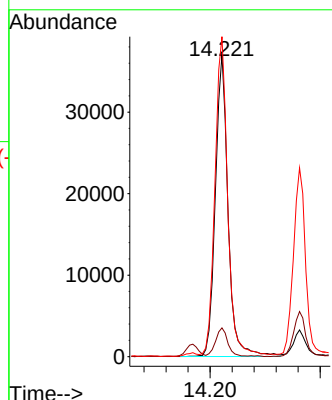
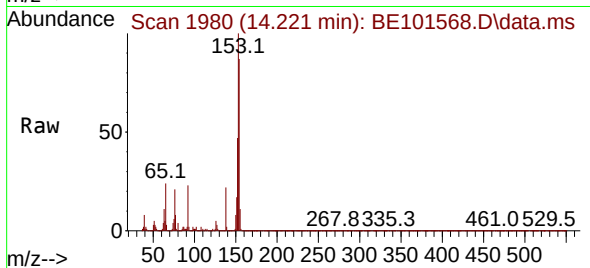
#53
3-Nitroaniline
Concen: 30.028 ng
RT: 14.221 min Scan# 1981
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion:138 Resp: 59310
Ion Ratio Lower Upper
138 100
108 9.5 7.2 10.8
92 106.0 83.0 124.4

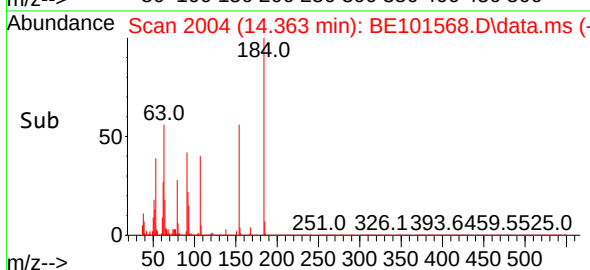
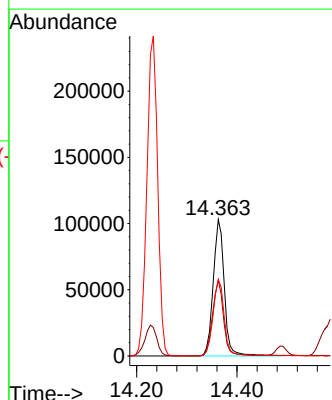
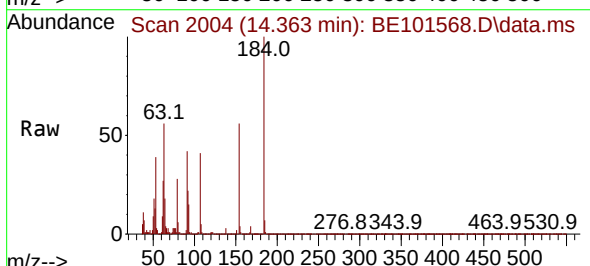
Manual Integrations
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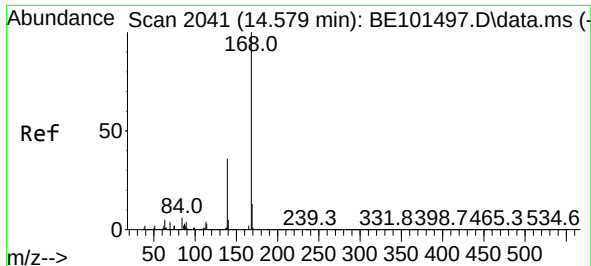
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#54
2,4-Dinitrophenol
Concen: 132.596 ng
RT: 14.363 min Scan# 2004
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion:184 Resp: 158108
Ion Ratio Lower Upper
184 100
63 55.6 41.0 61.4
154 56.0 43.2 64.8





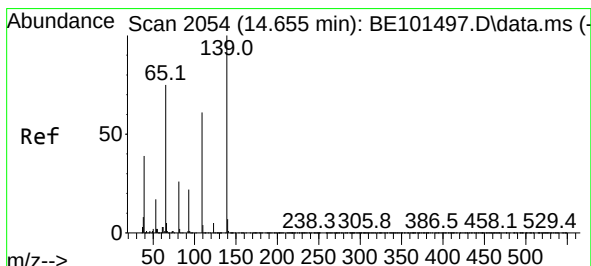
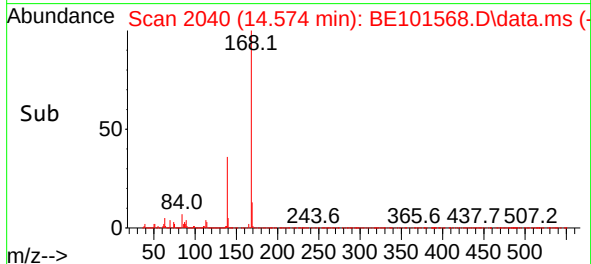
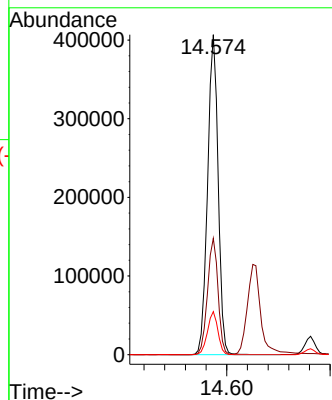
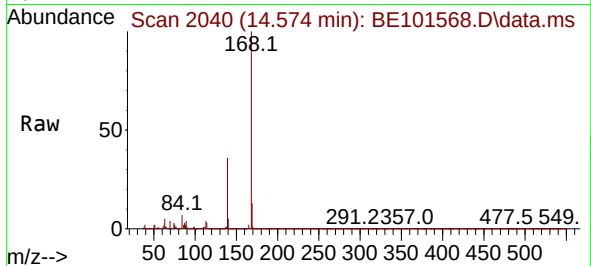
#55
Dibenzenofuran
Concen: 55.603 ng
RT: 14.574 min Scan# 2041
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion:168 Resp: 57351
Ion Ratio Lower Upper
168 100
139 36.4 29.1 43.7
169 13.4 10.6 16.0

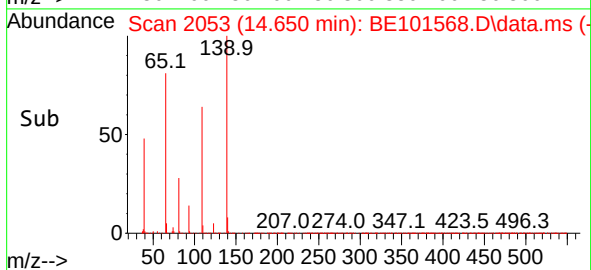
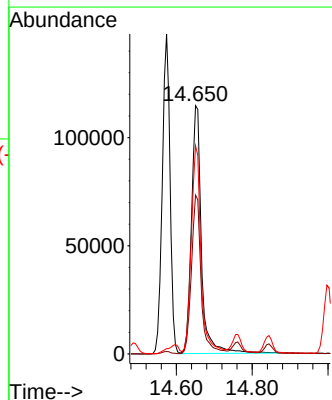
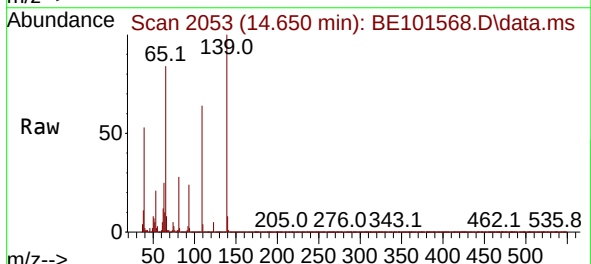
Manual Integrations
APPROVED

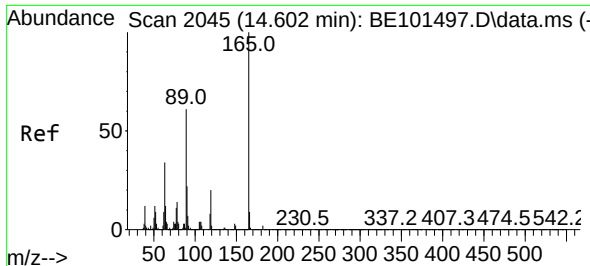
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#56
4-Nitrophenol
Concen: 129.341 ng
RT: 14.650 min Scan# 2053
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

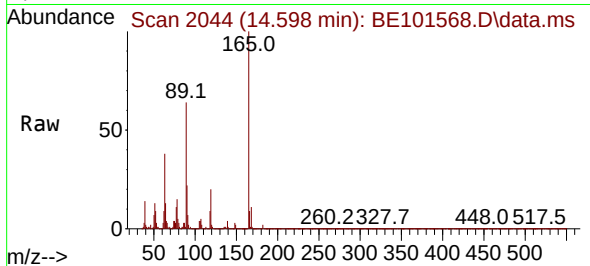
Tgt Ion:139 Resp: 210974
Ion Ratio Lower Upper
139 100
109 64.0 40.7 80.7
65 83.9 58.0 98.0





#57
2,4-Dinitrotoluene
Concen: 55.933 ng
RT: 14.598 min Scan# 2044
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

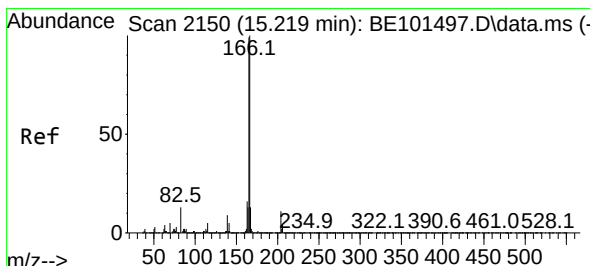
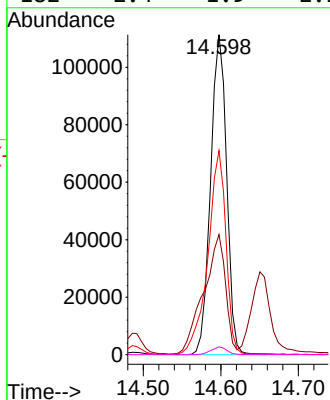
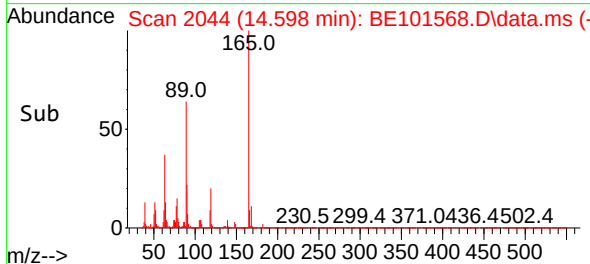
Instrument :
BNA_E
ClientSampleId :
BP-B4MS



Tgt Ion:165 Resp: 159890
Ion Ratio Lower Upper
165 100
63 37.6 27.8 41.8
89 63.8 49.5 74.3
182 2.4 1.9 2.9

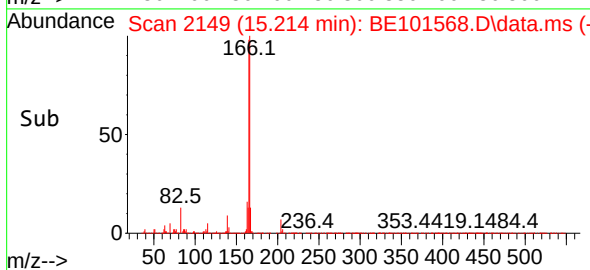
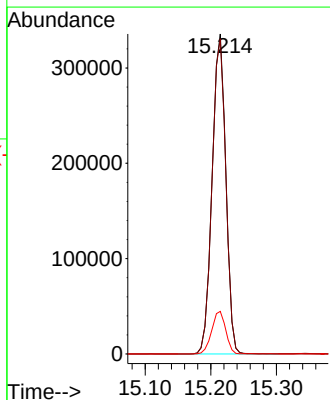
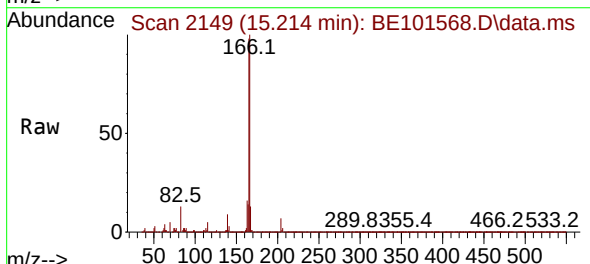
Manual Integrations
APPROVED

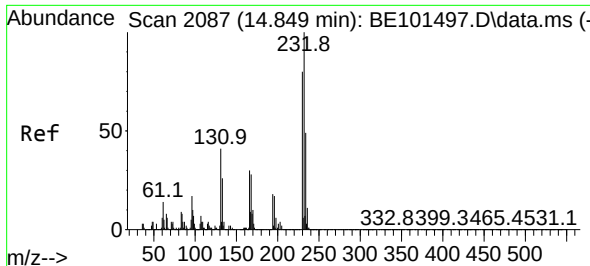
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#58
Fluorene
Concen: 56.266 ng
RT: 15.214 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion:166 Resp: 484331
Ion Ratio Lower Upper
166 100
165 98.5 79.0 118.4
167 13.3 10.6 16.0





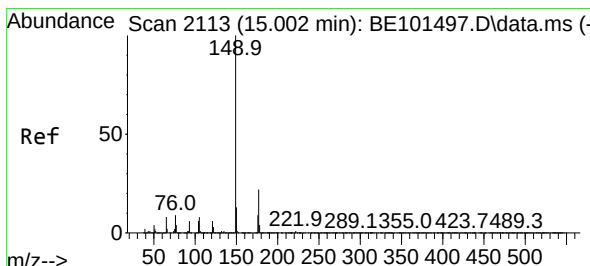
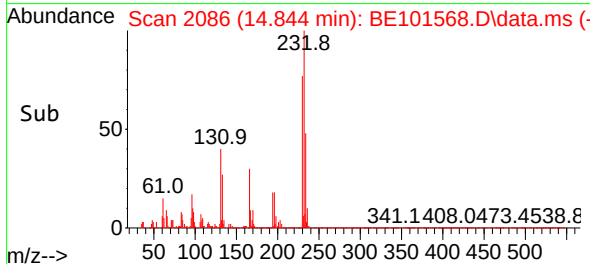
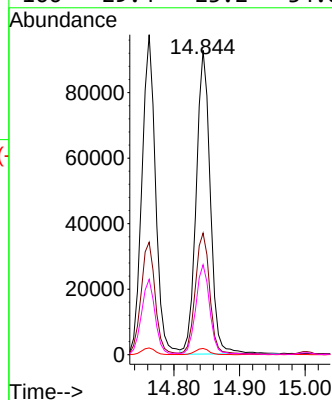
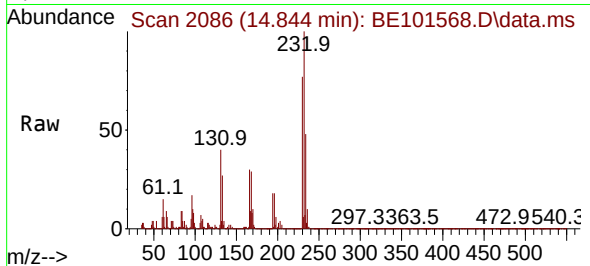
#59
2,3,4,6-Tetrachlorophenol
Concen: 59.814 ng
RT: 14.844 min Scan# 2087
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion:232 Resp: 138220
Ion Ratio Lower Upper
232 100
131 41.5 32.2 48.4
130 2.0 1.5 2.3
166 29.4 23.2 34.8

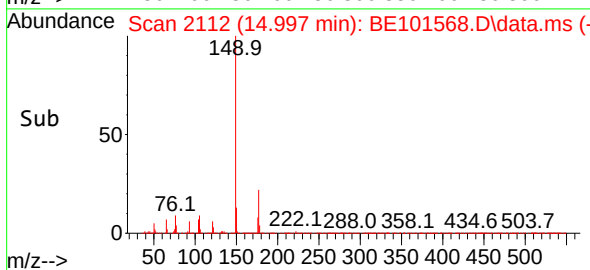
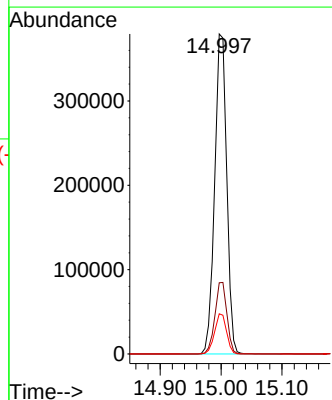
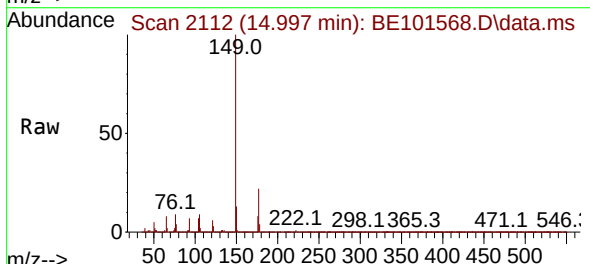
Manual Integrations
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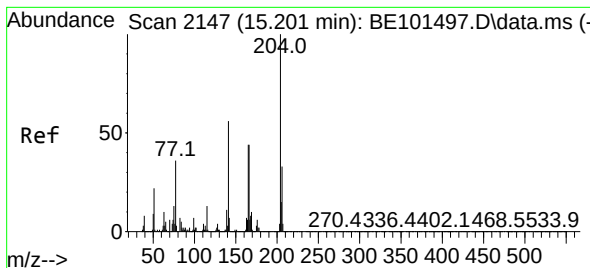
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#60
Diethylphthalate
Concen: 56.006 ng
RT: 14.997 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion:149 Resp: 520601
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 12.6 10.0 15.0





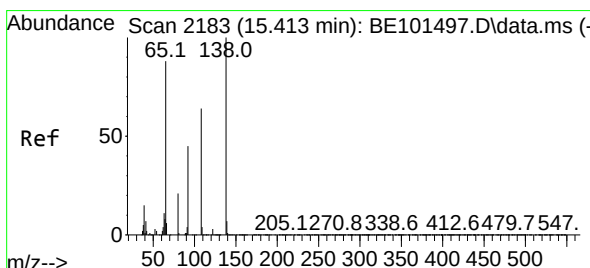
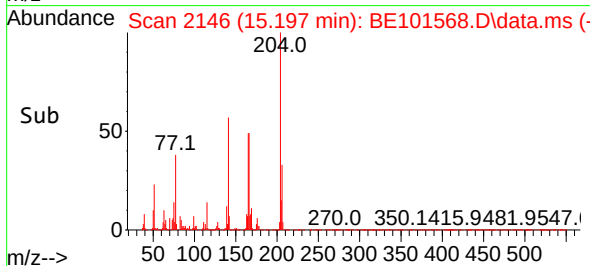
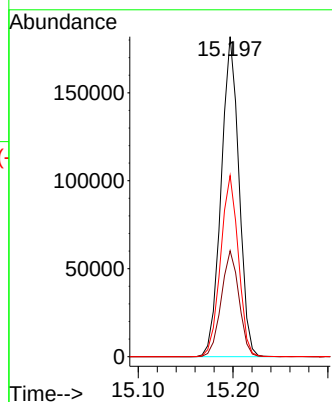
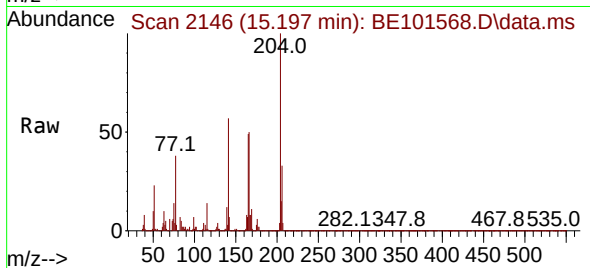
#61
4-Chlorophenyl-phenylether
Concen: 54.270 ng
RT: 15.197 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion:204 Resp: 23722
Ion Ratio Lower Upper
204 100
206 33.1 26.7 40.1
141 56.6 44.8 67.2

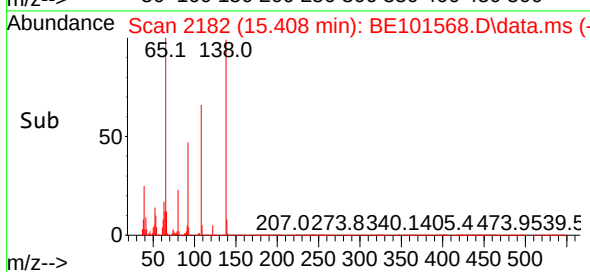
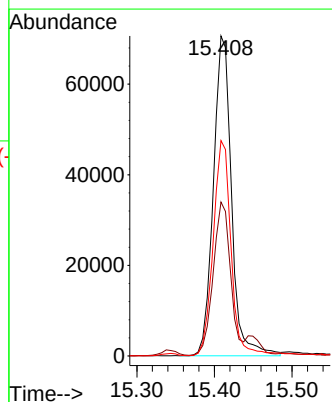
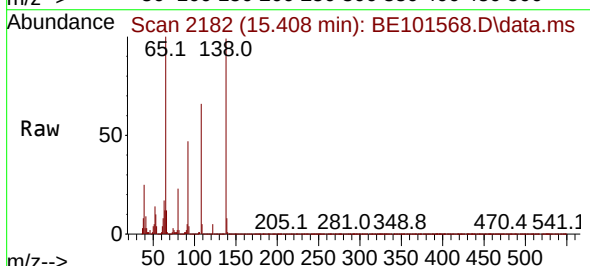
Manual Integrations
APPROVED

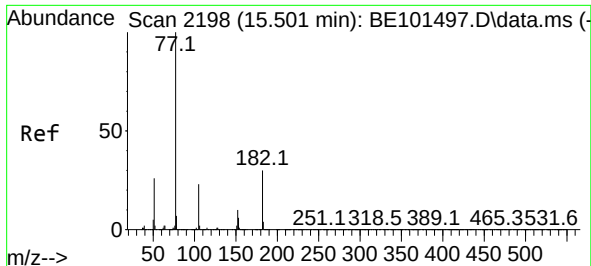
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#62
4-Nitroaniline
Concen: 53.925 ng
RT: 15.408 min Scan# 2182
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion:138 Resp: 114766
Ion Ratio Lower Upper
138 100
92 48.1 25.7 65.7
108 67.3 44.4 84.4





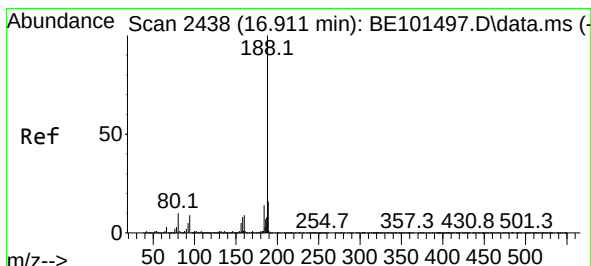
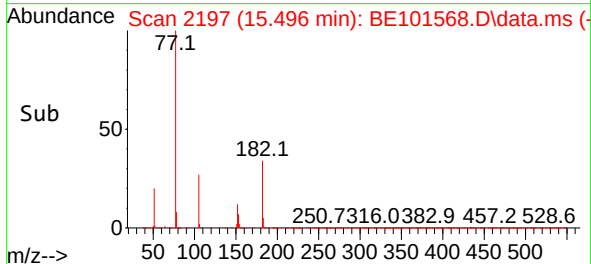
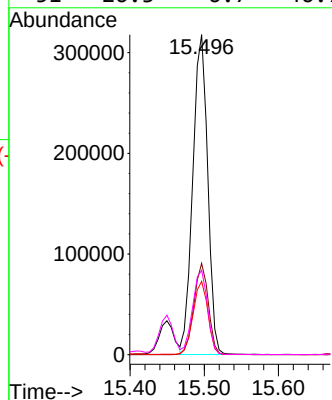
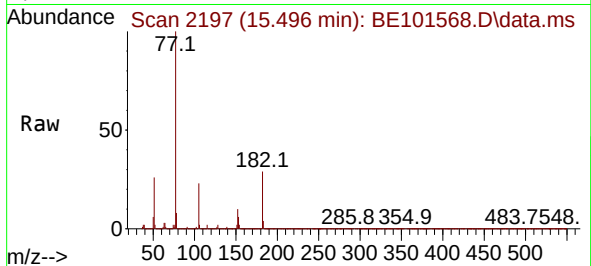
#63
Azobenzene
Concen: 58.424 ng
RT: 15.496 min Scan# 2198
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion: 77 Resp: 443060
Ion Ratio Lower Upper
77 100
182 28.6 9.1 49.1
105 22.9 3.2 43.2
51 26.3 6.7 46.7

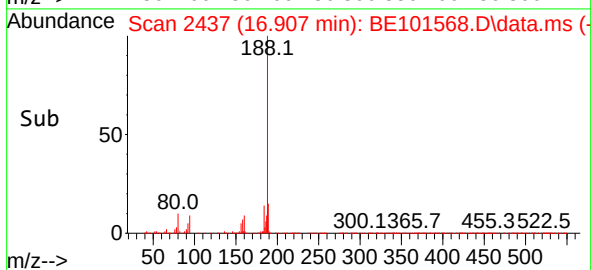
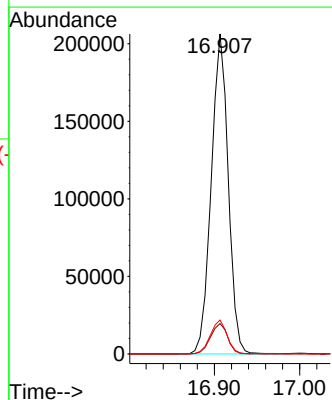
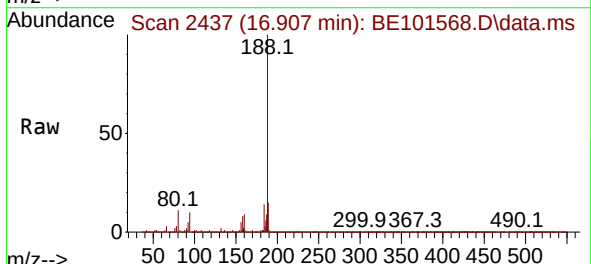
Manual Integrations
APPROVED

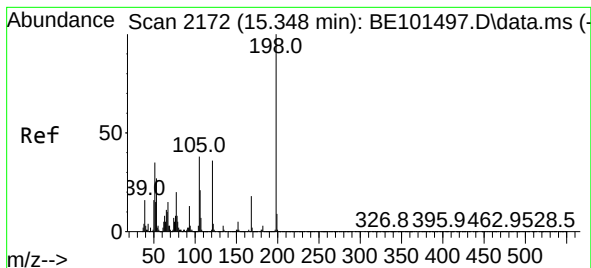
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion:188 Resp: 285314
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.6 8.0 12.0





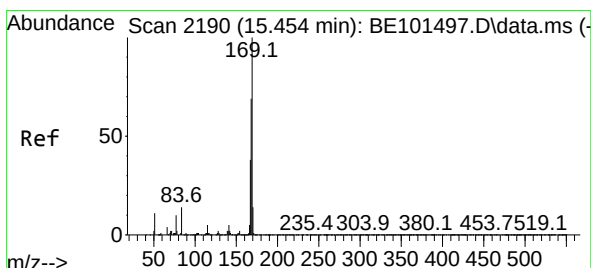
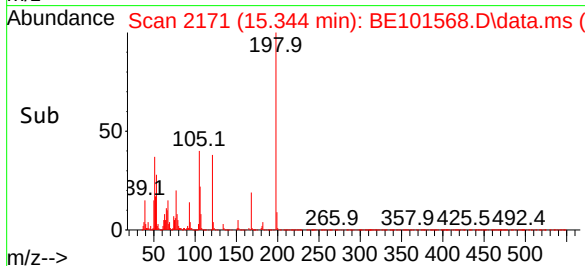
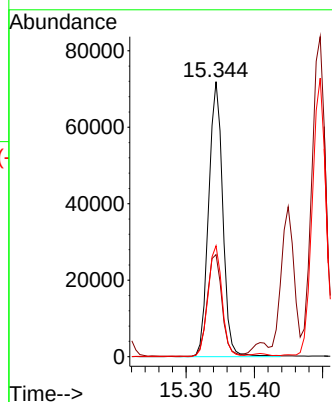
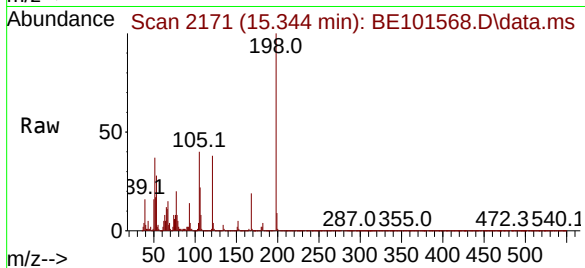
#65
4,6-Dinitro-2-methylphenol
Concen: 61.050 ng
RT: 15.344 min Scan# 2172
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion:198 Resp: 103397
Ion Ratio Lower Upper
198 100
51 37.1 15.3 55.3
105 40.3 18.5 58.5

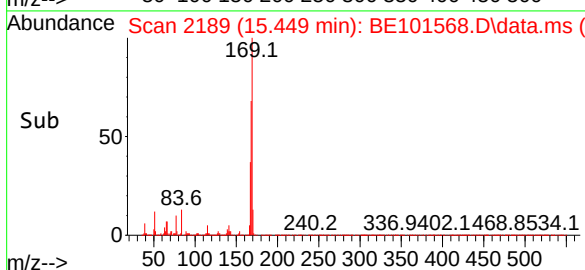
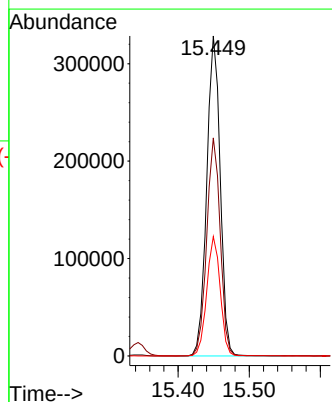
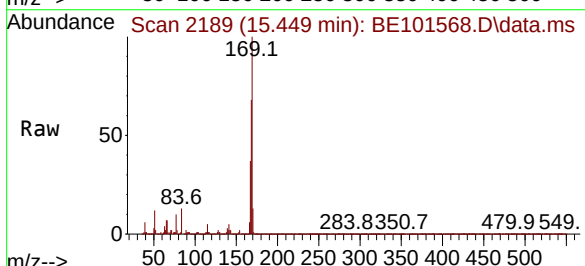
Manual Integrations
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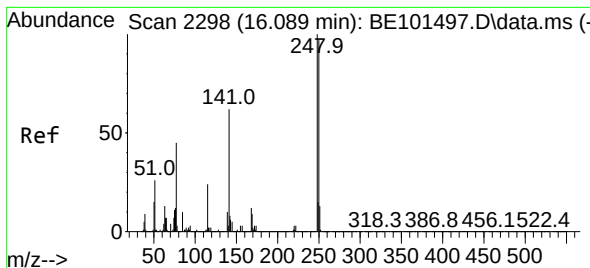
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#66
n-Nitrosodiphenylamine
Concen: 57.311 ng
RT: 15.449 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

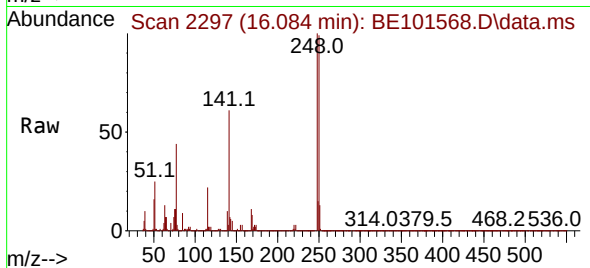
Tgt Ion:169 Resp: 433944
Ion Ratio Lower Upper
169 100
168 68.1 55.5 83.3
167 37.3 30.4 45.6





#67
4-Bromophenyl-phenylether
Concen: 54.230 ng
RT: 16.084 min Scan# 210
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

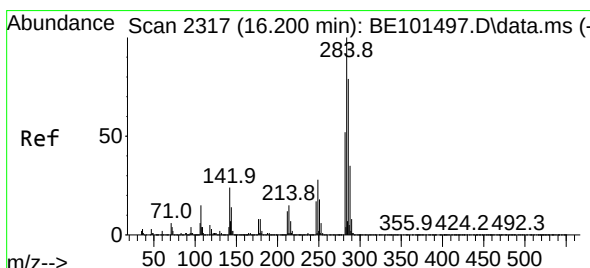
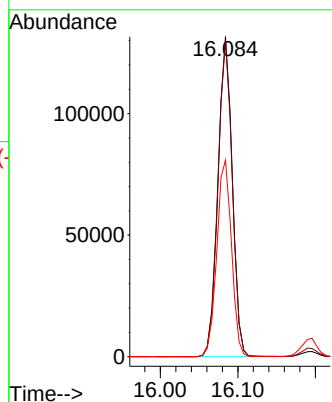
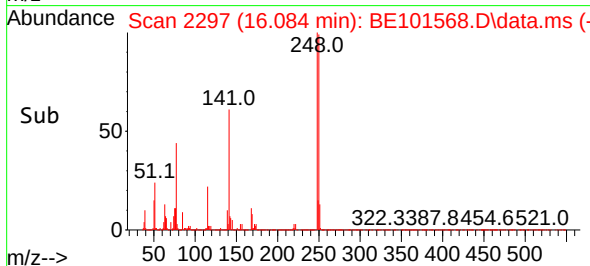
Instrument :
BNA_E
ClientSampleId :
BP-B4MS



Tgt Ion:248 Resp: 170652
Ion Ratio Lower Upper
248 100
250 98.8 78.0 117.0
141 61.4 50.0 75.0

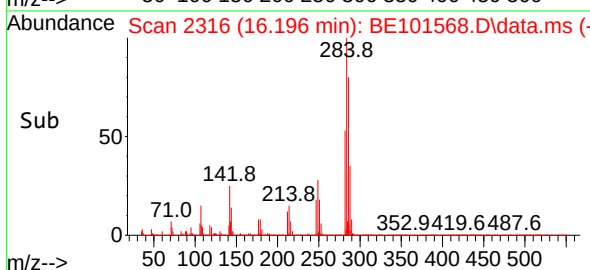
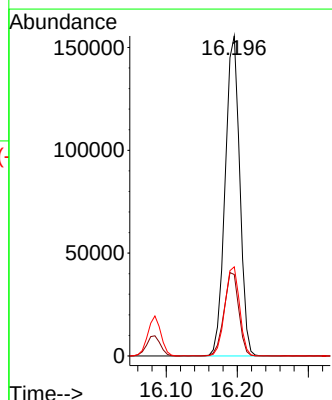
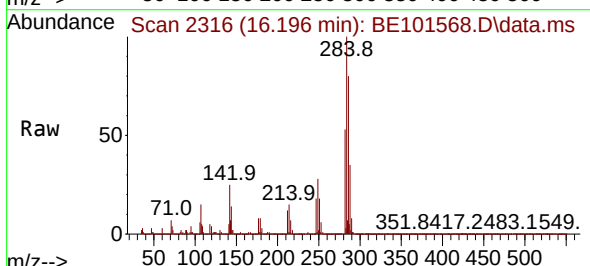
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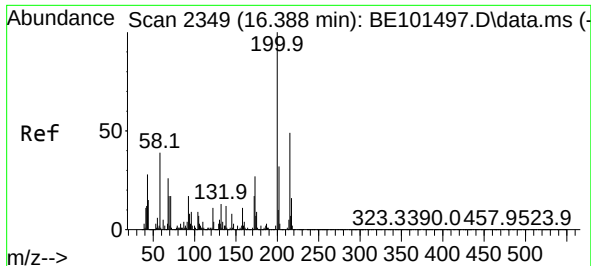
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#68
Hexachlorobenzene
Concen: 53.162 ng
RT: 16.196 min Scan# 2316
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion:284 Resp: 220166
Ion Ratio Lower Upper
284 100
142 25.5 19.4 29.2
249 27.9 22.4 33.6





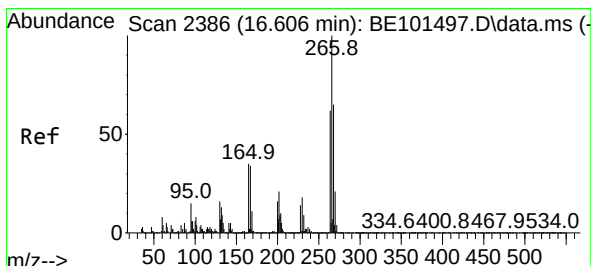
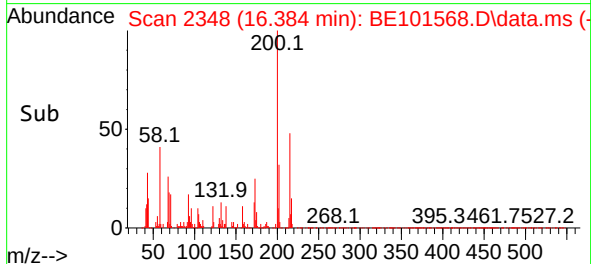
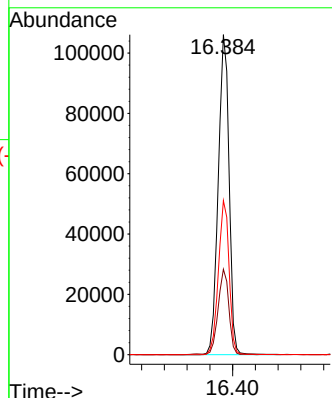
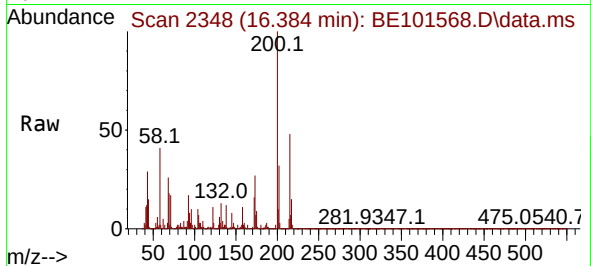
#69
Atrazine
Concen: 62.488 ng
RT: 16.384 min Scan# 21
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion:200 Resp: 139689
Ion Ratio Lower Upper
200 100
173 26.7 7.4 47.4
215 48.1 28.9 68.9

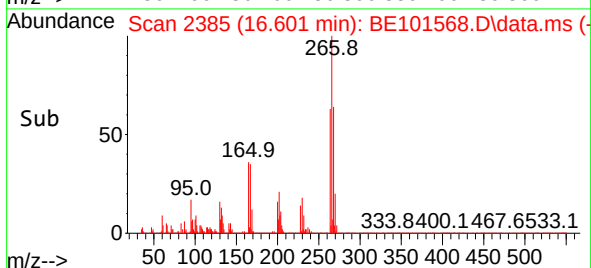
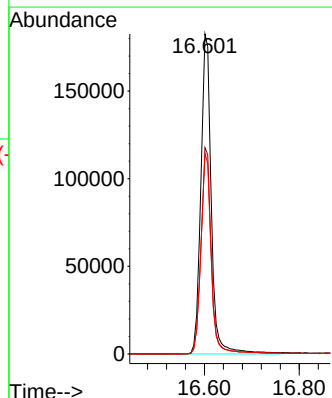
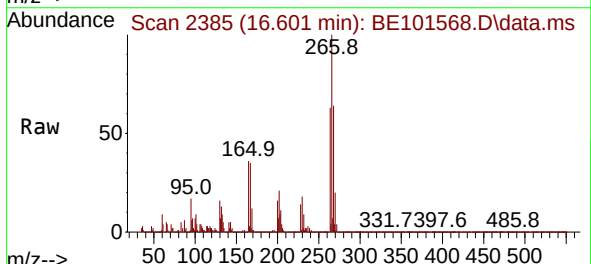
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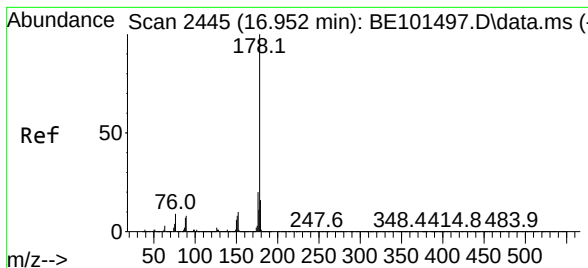
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#70
Pentachlorophenol
Concen: 124.199 ng
RT: 16.601 min Scan# 2385
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion:266 Resp: 279087
Ion Ratio Lower Upper
266 100
268 64.5 52.0 78.0
264 62.6 49.6 74.4





#71

Phenanthrene

Concen: 58.619 ng

RT: 16.948 min Scan# 2444

Delta R.T. -0.005 min

Lab File: BE101568.D

Acq: 11 Nov 2024 12:45

Instrument :

BNA_E

ClientSampleId :

BP-B4MS

Tgt Ion:178 Resp: 81343

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

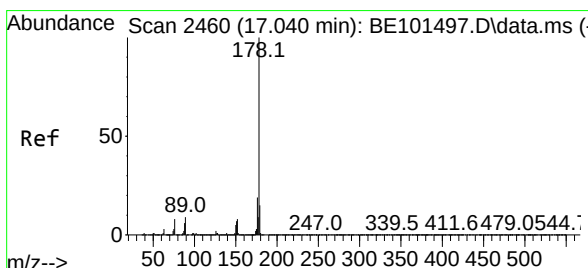
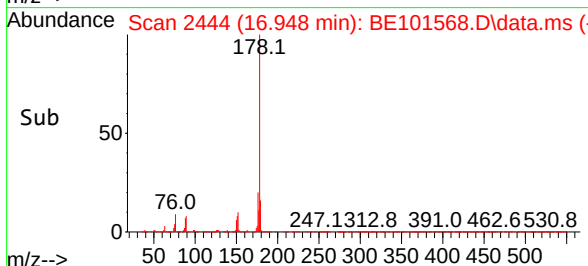
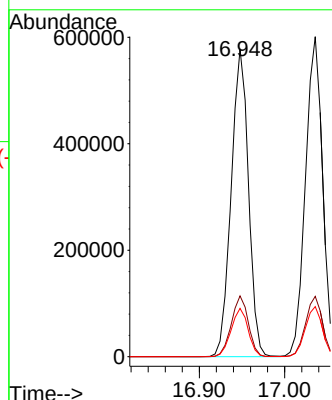
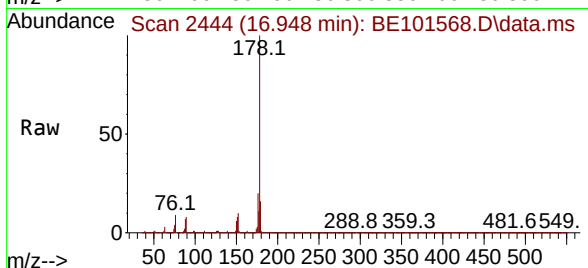
179 15.7 12.6 19.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#72

Anthracene

Concen: 61.375 ng

RT: 17.036 min Scan# 2459

Delta R.T. -0.005 min

Lab File: BE101568.D

Acq: 11 Nov 2024 12:45

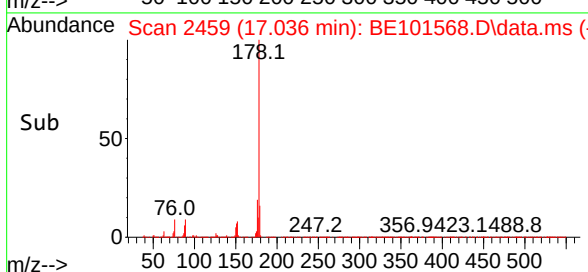
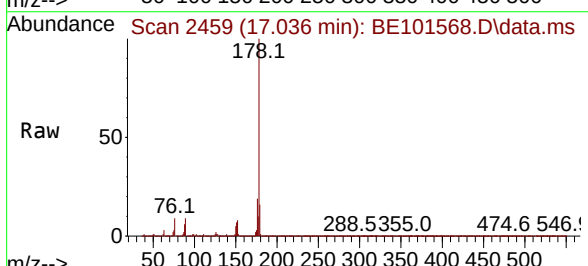
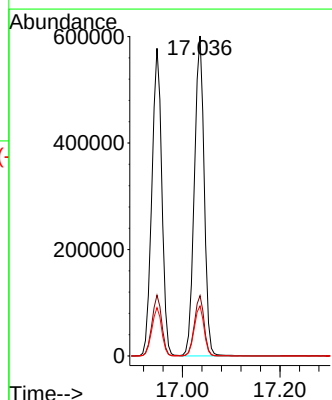
Tgt Ion:178 Resp: 841063

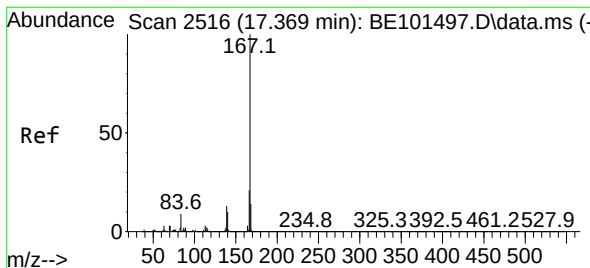
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.7 12.4 18.6





#73

Carbazole

Concen: 58.147 ng

RT: 17.365 min Scan# 2516

Delta R.T. -0.005 min

Lab File: BE101568.D

Acq: 11 Nov 2024 12:45

Instrument :

BNA_E

ClientSampleId :

BP-B4MS

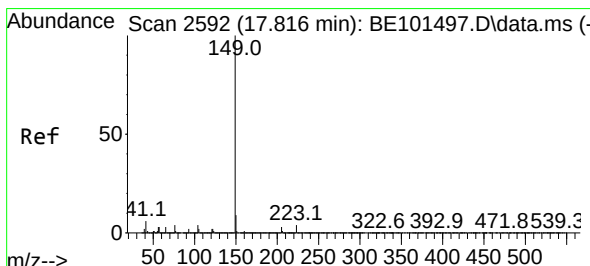
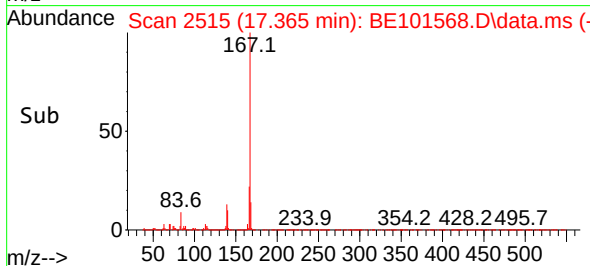
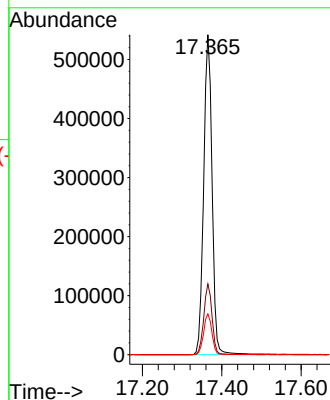
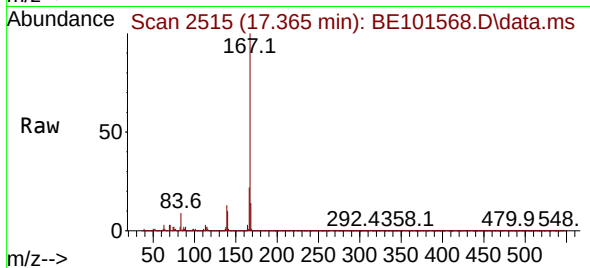
Tgt Ion:167	Resp: 79907
Ion Ratio	Lower Upper
167 100	
166 22.1	17.1 25.7
139 12.8	10.2 15.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#74

Di-n-butylphthalate

Concen: 57.481 ng

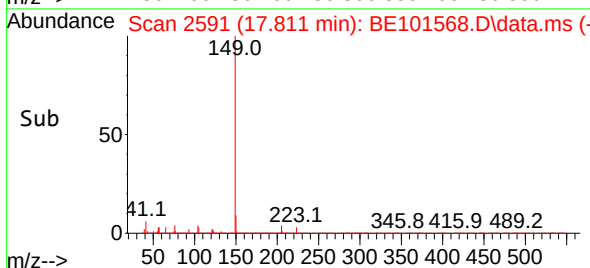
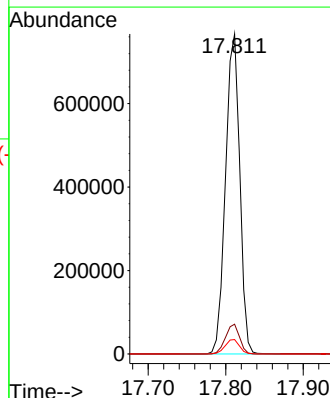
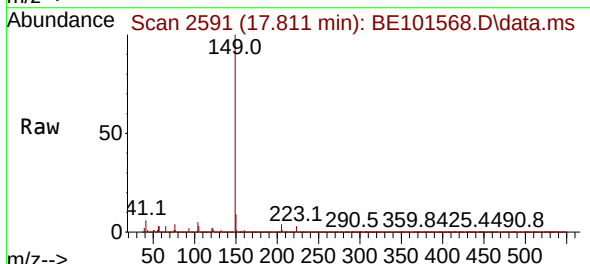
RT: 17.811 min Scan# 2591

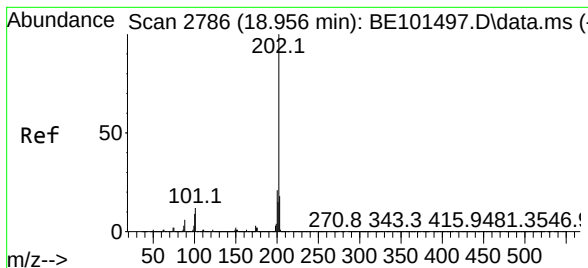
Delta R.T. -0.005 min

Lab File: BE101568.D

Acq: 11 Nov 2024 12:45

Tgt Ion:149	Resp: 975507
Ion Ratio	Lower Upper
149 100	
150 9.3	7.5 11.3
104 4.5	3.4 5.2





#75

Fluoranthene

Concen: 58.436 ng

RT: 18.951 min Scan# 21

Delta R.T. -0.005 min

Lab File: BE101568.D

Acq: 11 Nov 2024 12:45

Instrument :

BNA_E

ClientSampleId :

BP-B4MS

Tgt Ion:202 Resp: 103969

Ion Ratio Lower Upper

202 100

101 12.3 0.0 31.7

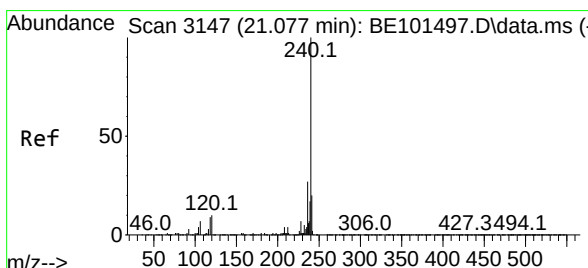
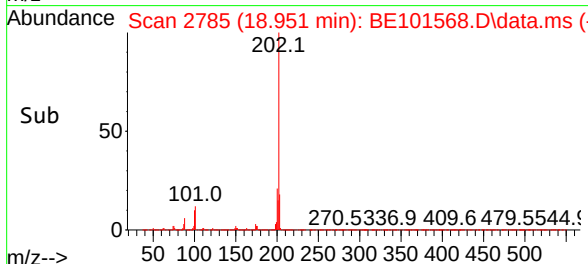
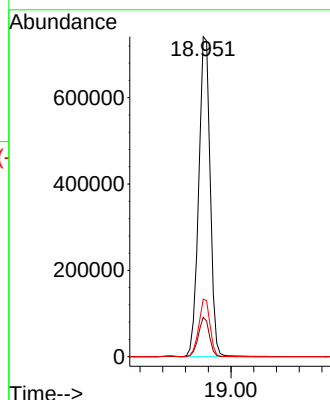
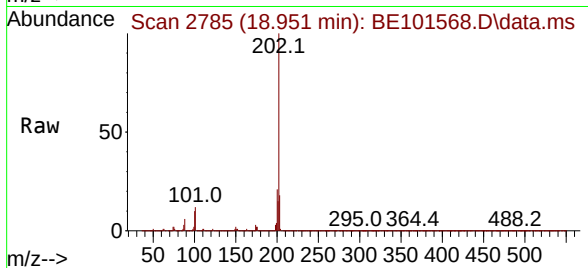
203 18.0 0.0 37.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.072 min Scan# 3146

Delta R.T. -0.005 min

Lab File: BE101568.D

Acq: 11 Nov 2024 12:45

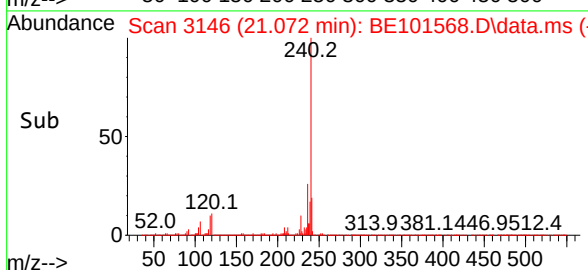
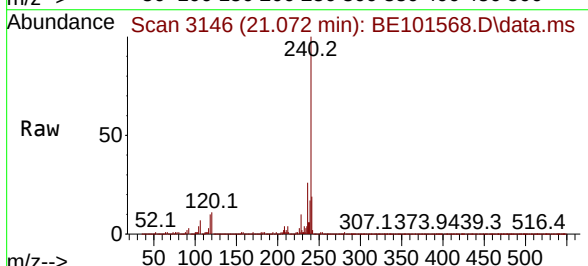
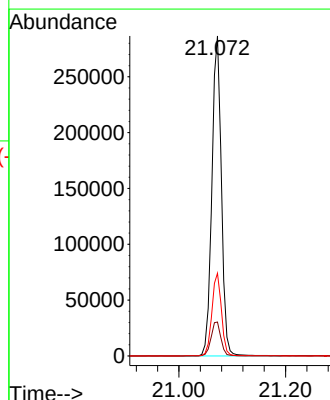
Tgt Ion:240 Resp: 354743

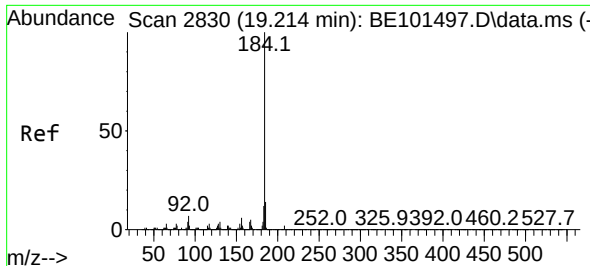
Ion Ratio Lower Upper

240 100

120 10.6 8.2 12.4

236 25.8 21.4 32.2





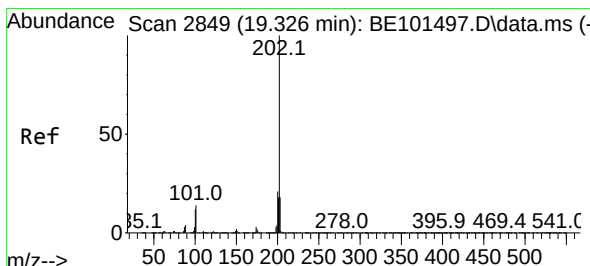
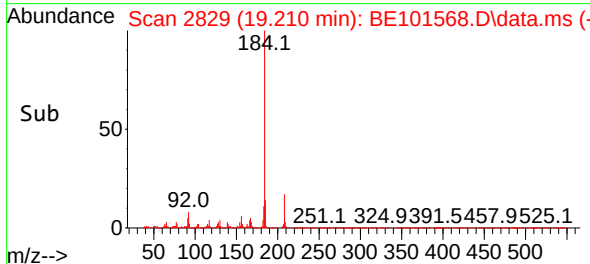
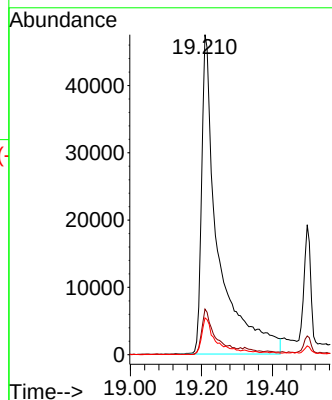
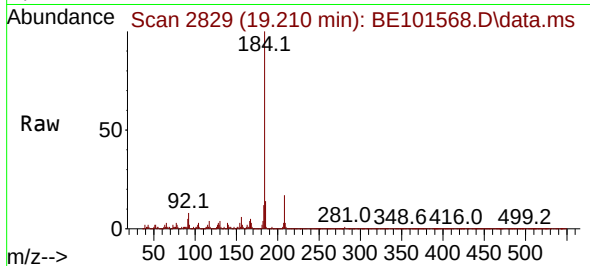
#77
Benzidine
Concen: 20.217 ng
RT: 19.210 min Scan# 2829
Delta R.T. -0.004 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion:184 Resp: 15405
Ion Ratio Lower Upper
184 100
185 14.2 11.2 16.8
183 11.5 9.4 14.0

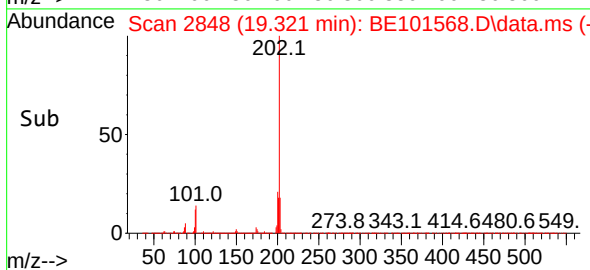
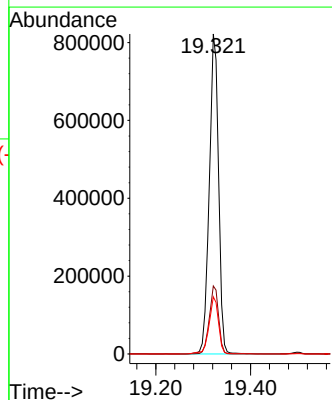
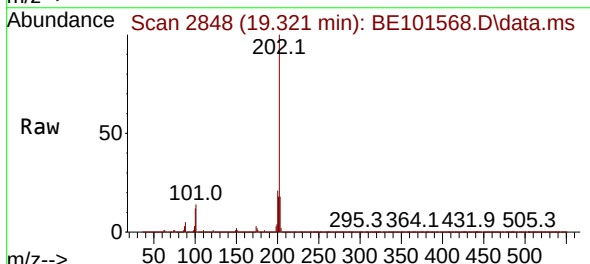
Manual Integrations
APPROVED

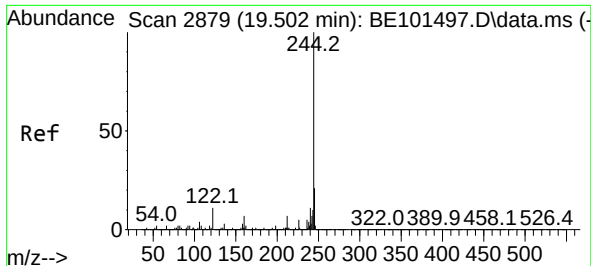
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#78
Pyrene
Concen: 55.343 ng
RT: 19.321 min Scan# 2848
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion:202 Resp: 1117075
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.8 14.2 21.4





#79
 Terphenyl-d14
 Concen: 107.279 ng
 RT: 19.498 min Scan# 2192
 Delta R.T. -0.005 min
 Lab File: BE101568.D
 Acq: 11 Nov 2024 12:45

Instrument :

BNA_E

ClientSampleId :

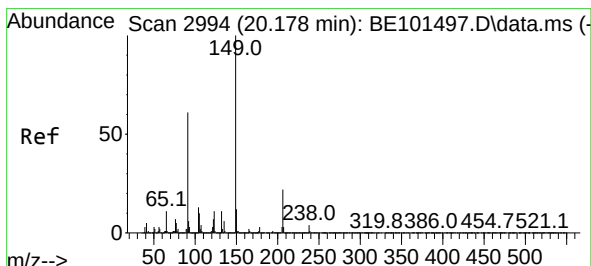
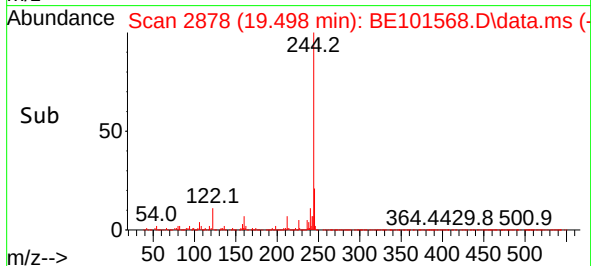
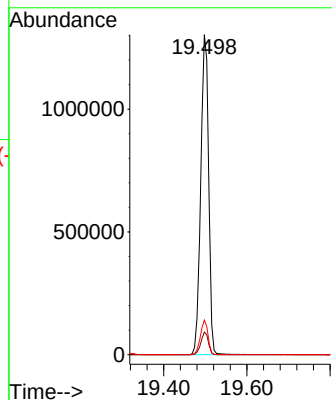
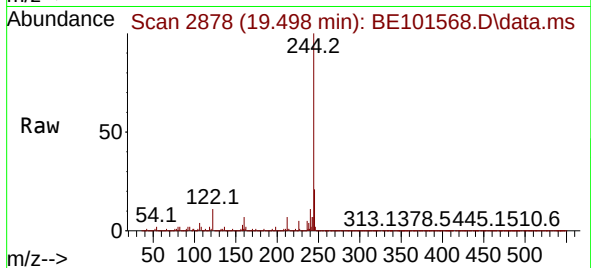
BP-B4MS

Tgt Ion:244 Resp: 1719238
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.8 8.4 12.6

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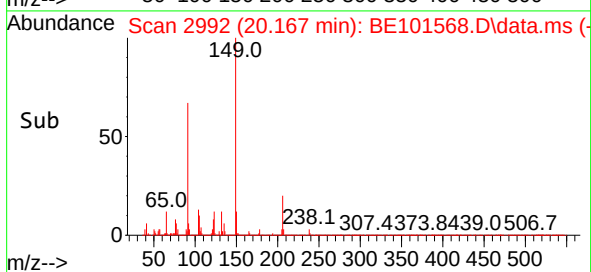
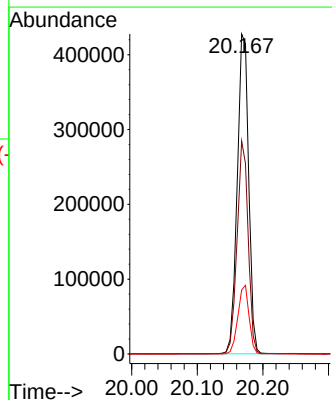
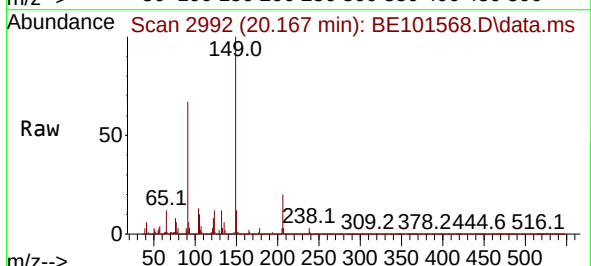
APPROVED

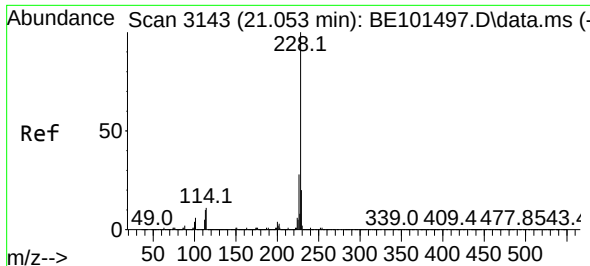
Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/12/2024



#80
 Butylbenzylphthalate
 Concen: 57.233 ng
 RT: 20.167 min Scan# 2992
 Delta R.T. -0.010 min
 Lab File: BE101568.D
 Acq: 11 Nov 2024 12:45

Tgt Ion:149 Resp: 519153
 Ion Ratio Lower Upper
 149 100
 91 66.5 49.2 73.8
 206 20.0 17.4 26.2





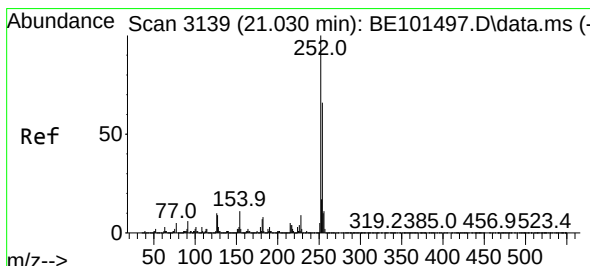
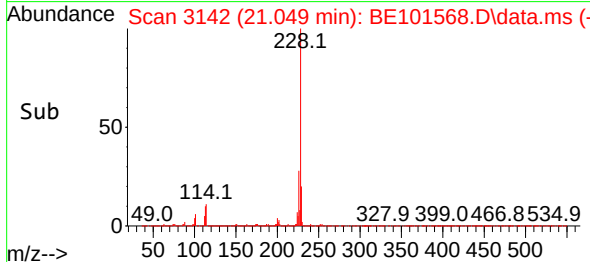
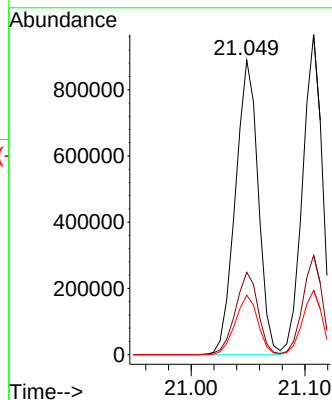
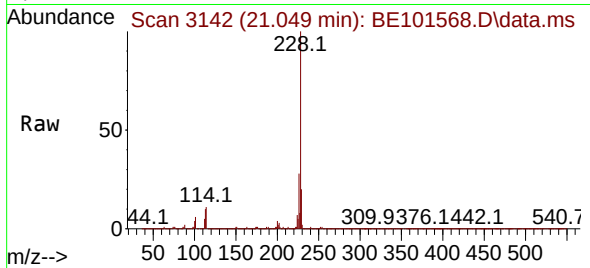
#81
Benzo(a)anthracene
Concen: 58.799 ng
RT: 21.049 min Scan# 3143
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Instrument :
BNA_E
ClientSampleId :
BP-B4MS

Tgt Ion:228 Resp: 123879
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 20.2 16.1 24.1

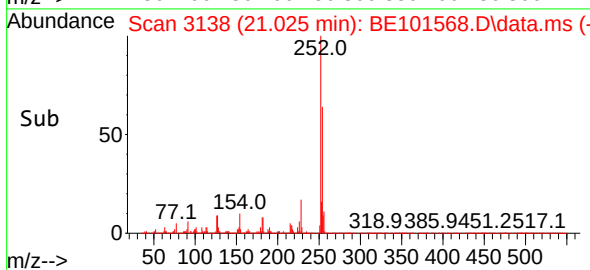
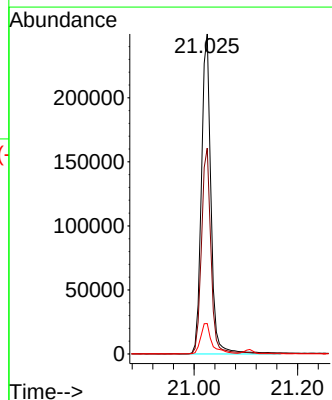
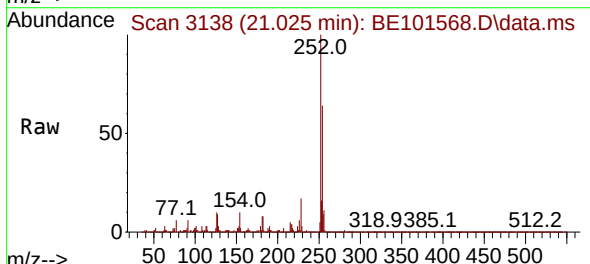
Manual Integrations
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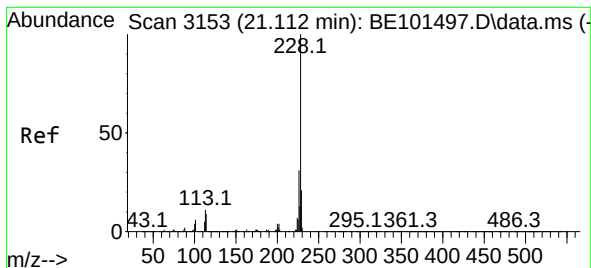
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#82
3,3'-Dichlorobenzidine
Concen: 38.483 ng
RT: 21.025 min Scan# 3138
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion:252 Resp: 319164
Ion Ratio Lower Upper
252 100
254 64.4 52.9 79.3
126 9.5 7.8 11.6





#83

Chrysene

Concen: 58.625 ng

RT: 21.108 min Scan# 3153

Delta R.T. -0.005 min

Lab File: BE101568.D

Acq: 11 Nov 2024 12:45

Instrument :

BNA_E

ClientSampleId :

BP-B4MS

Tgt Ion:228 Resp: 117400

Ion Ratio Lower Upper

228 100

226 31.0 25.1 37.7

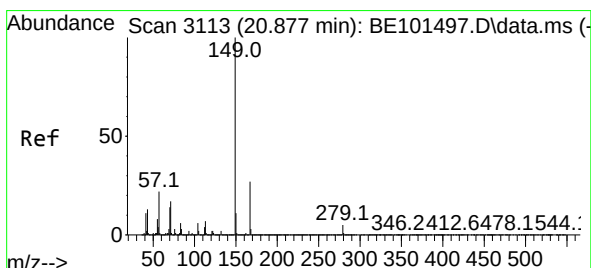
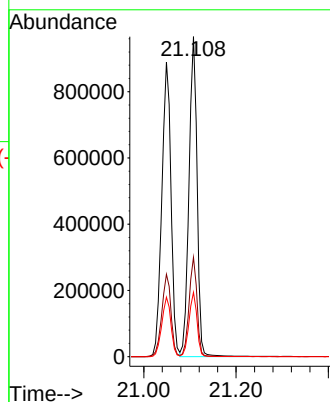
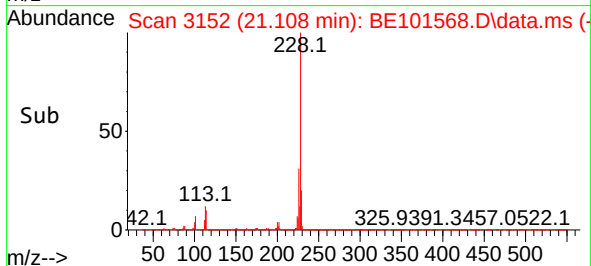
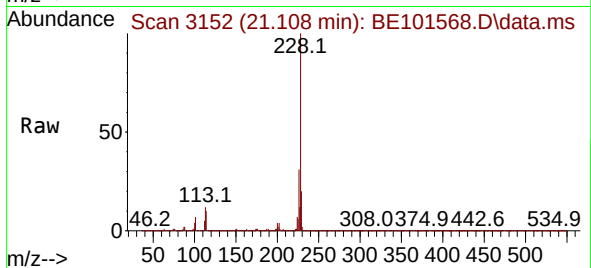
229 20.1 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.067 ng

RT: 20.873 min Scan# 3112

Delta R.T. -0.005 min

Lab File: BE101568.D

Acq: 11 Nov 2024 12:45

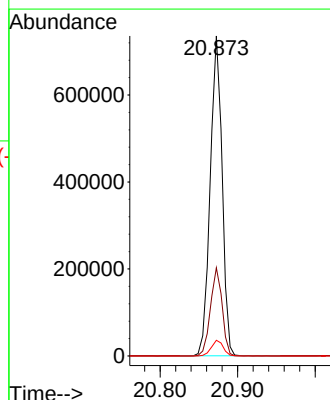
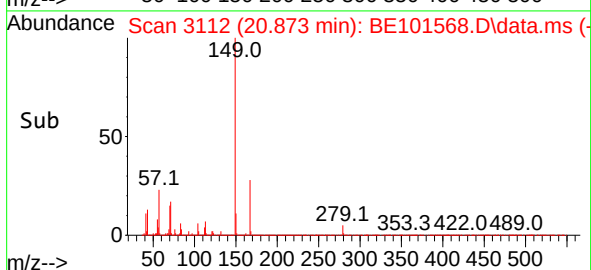
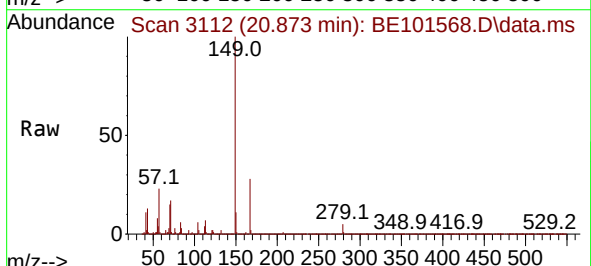
Tgt Ion:149 Resp: 782619

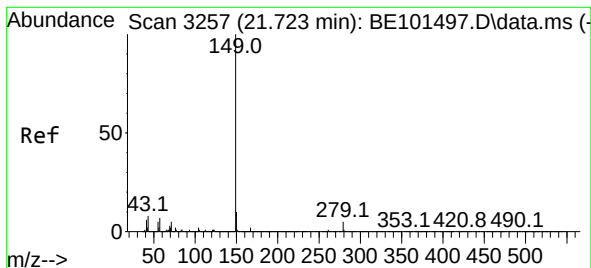
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.6

279 4.9 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 59.440 ng

RT: 21.719 min Scan# 31

Delta R.T. -0.005 min

Lab File: BE101568.D

Acq: 11 Nov 2024 12:45

Instrument :

BNA_E

ClientSampleId :

BP-B4MS

Tgt Ion:149 Resp: 1379039

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

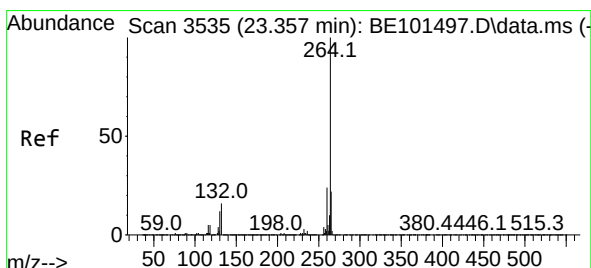
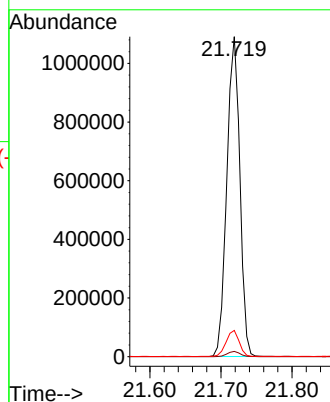
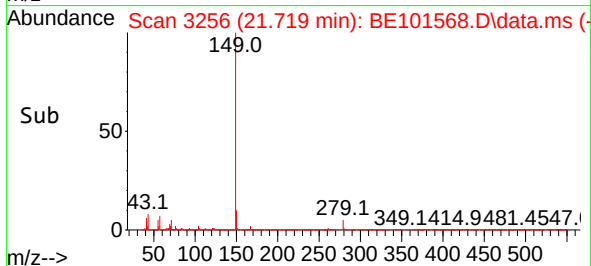
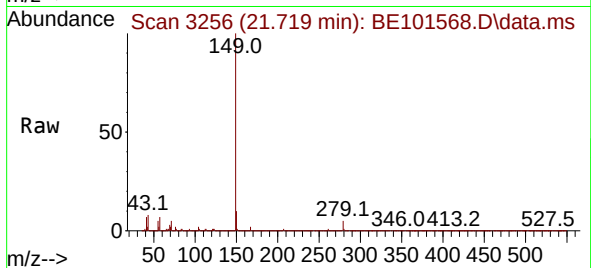
43 8.2 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.352 min Scan# 3534

Delta R.T. -0.005 min

Lab File: BE101568.D

Acq: 11 Nov 2024 12:45

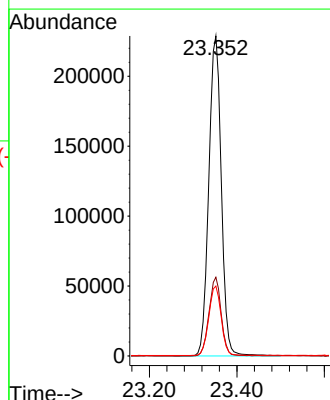
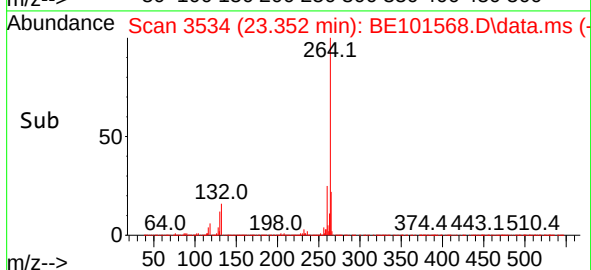
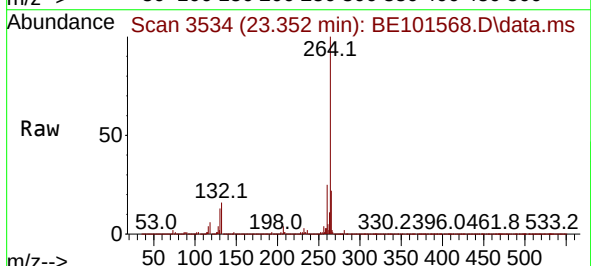
Tgt Ion:264 Resp: 454860

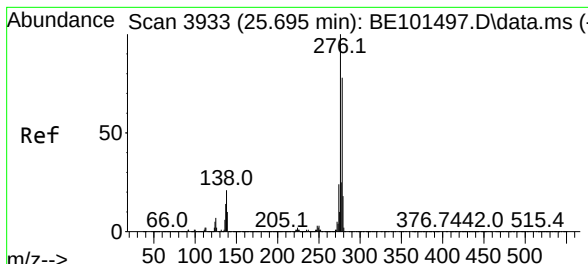
Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 21.8 17.4 26.2





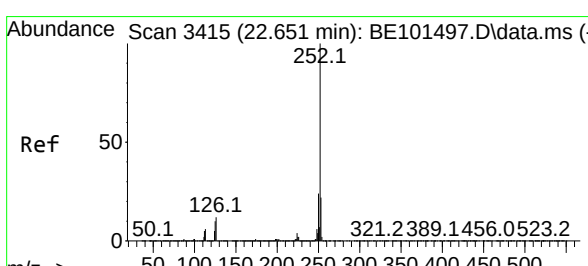
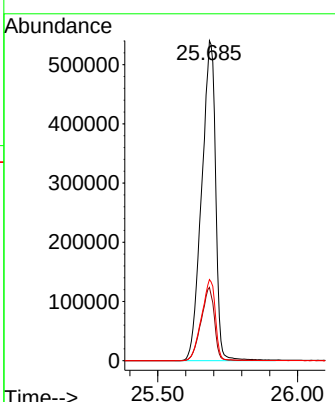
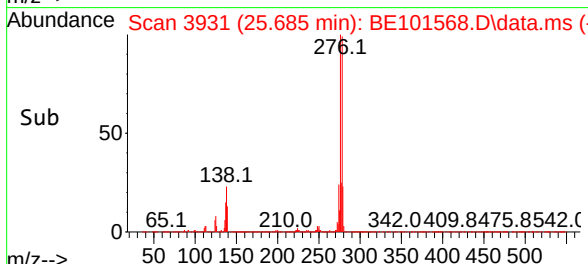
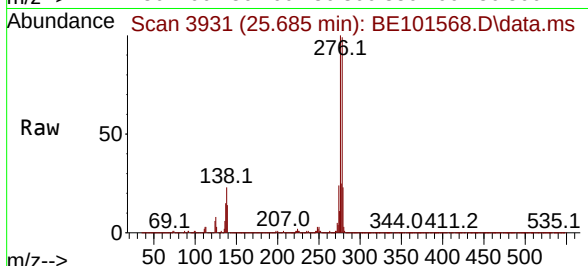
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 59.732 ng
 RT: 25.685 min Scan# 3931
 Delta R.T. -0.010 min
 Lab File: BE101568.D
 Acq: 11 Nov 2024 12:45

Instrument : BNA_E
 ClientSampleId : BP-B4MS

Tgt Ion: 276 Resp: 186711

Ion	Ratio	Lower	Upper
276	100		
138	21.9	17.0	25.6
277	25.2	20.2	30.2

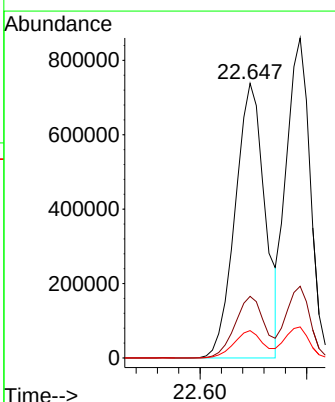
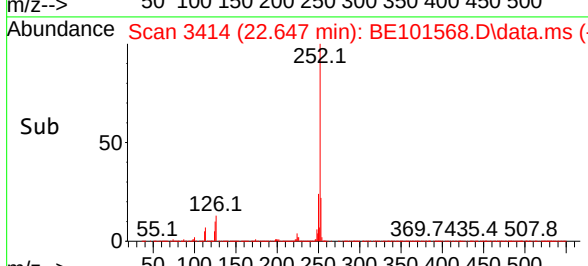
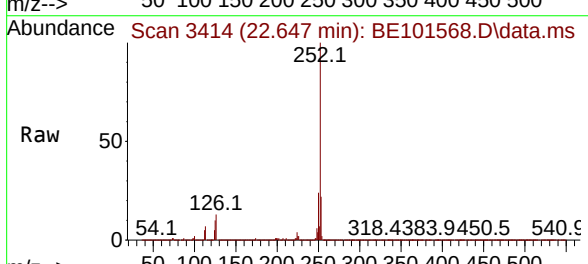
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/12/2024

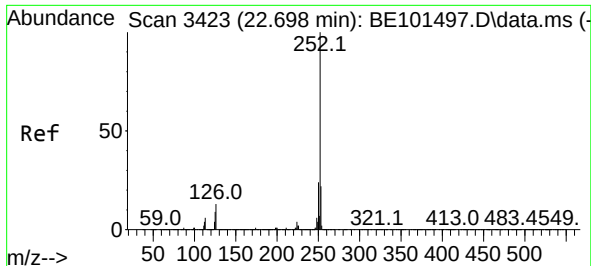


#88
 Benzo(b)fluoranthene
 Concen: 57.468 ng
 RT: 22.647 min Scan# 3414
 Delta R.T. -0.005 min
 Lab File: BE101568.D
 Acq: 11 Nov 2024 12:45

Tgt Ion: 252 Resp: 1434147

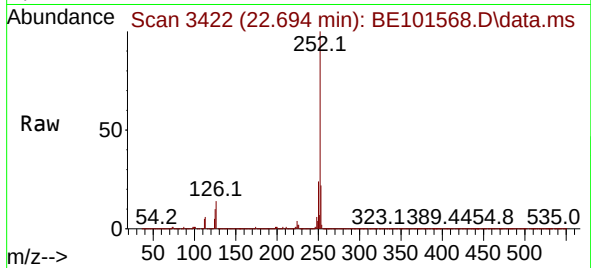
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	10.0	7.8	11.8





#89
Benzo(k)fluoranthene
Concen: 59.556 ng
RT: 22.694 min Scan# 3423
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

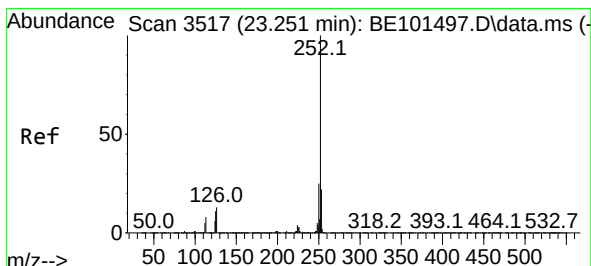
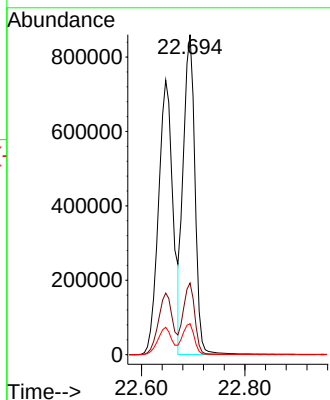
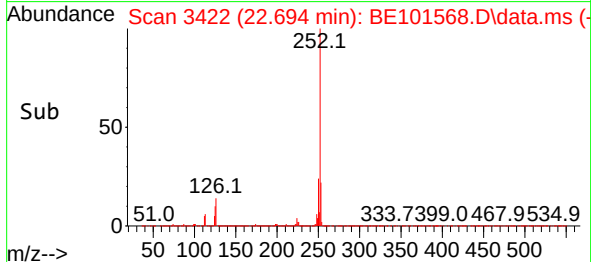
Instrument :
BNA_E
ClientSampleId :
BP-B4MS



Tgt Ion:252 Resp: 1349180
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 9.7 7.7 11.5

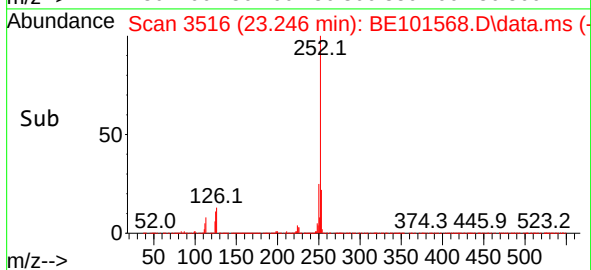
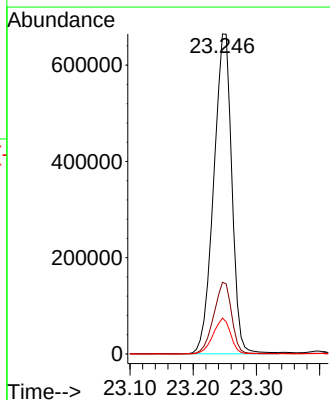
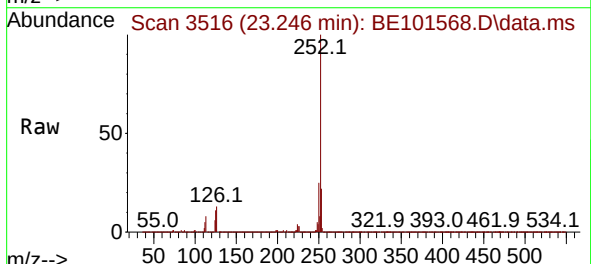
Manual Integrations
APPROVED

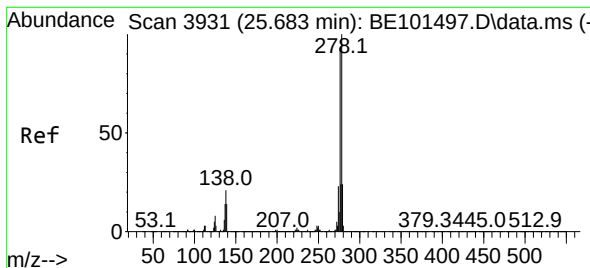
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024



#90
Benzo(a)pyrene
Concen: 61.556 ng
RT: 23.246 min Scan# 3516
Delta R.T. -0.005 min
Lab File: BE101568.D
Acq: 11 Nov 2024 12:45

Tgt Ion:252 Resp: 1326220
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 11.2 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 59.421 ng

RT: 25.679 min Scan# 3931

Delta R.T. -0.005 min

Lab File: BE101568.D

Acq: 11 Nov 2024 12:45

Instrument :

BNA_E

ClientSampleId :

BP-B4MS

Tgt Ion:278 Resp: 1546864

Ion Ratio Lower Upper

278 100

139 14.0 11.2 16.8

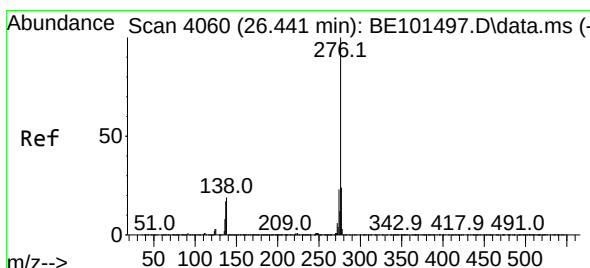
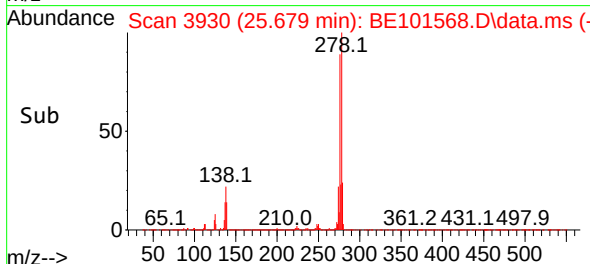
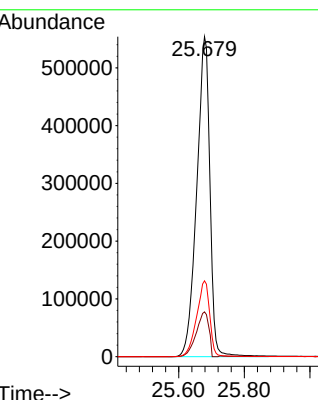
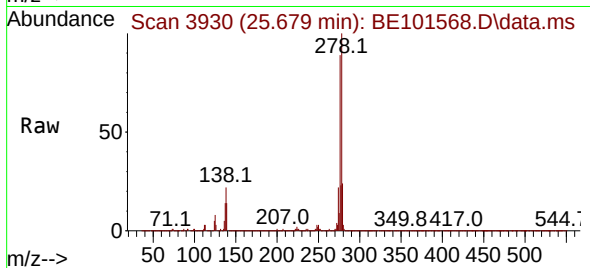
279 23.7 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/12/2024



#92

Benzo(g,h,i)perylene

Concen: 52.891 ng

RT: 26.437 min Scan# 4059

Delta R.T. -0.005 min

Lab File: BE101568.D

Acq: 11 Nov 2024 12:45

Tgt Ion:276 Resp: 1398861

Ion Ratio Lower Upper

276 100

277 24.0 19.5 29.3

138 18.8 15.3 22.9

