

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110724\
 Data File : BE101537.D
 Acq On : 7 Nov 2024 18:39
 Operator : RC/JU
 Sample : P4693-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-G5-WCMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 07 23:57:58 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	7.561	152	58977	20.000	ng	0.00
21) Naphthalene-d8	10.329	136	264859	20.000	ng	0.00
39) Acenaphthene-d10	14.171	164	174734	20.000	ng	0.00
64) Phenanthrene-d10	16.909	188	396924	20.000	ng	0.00
76) Chrysene-d12	21.075	240	450960	20.000	ng	0.00
86) Perylene-d12	23.360	264	581361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.317	112	471200	141.269	ng	0.00
7) Phenol-d6	6.944	99	610577	133.512	ng	0.00
23) Nitrobenzene-d5	8.772	82	394625	94.112	ng	0.00
42) 2,4,6-Tribromophenol	15.681	330	480863	146.249	ng	0.00
45) 2-Fluorobiphenyl	12.796	172	1051203	98.230	ng	0.00
79) Terphenyl-d14	19.500	244	2126447	104.378	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.208	88	36998	29.807	ng	# 85
3) Pyridine	3.636	79	100370	28.913	ng	96
4) n-Nitrosodimethylamine	3.548	42	54279	39.486	ng	92
6) Aniline	7.009	93	77531m	22.588	ng	
8) 2-Chlorophenol	7.209	128	171706	43.451	ng	99
9) Benzaldehyde	6.768	77	17674	7.901	ng	96
10) Phenol	6.968	94	215892	43.370	ng	98
11) bis(2-Chloroethyl)ether	7.027	93	150766m	36.586	ng	
12) 1,3-Dichlorobenzene	7.450	146	127325	29.513	ng	99
13) 1,4-Dichlorobenzene	7.597	146	133144	30.470	ng	98
14) 1,2-Dichlorobenzene	7.920	146	134921	31.455	ng	99
15) Benzyl Alcohol	7.896	79	128576	48.131	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.055	45	193747	39.718	ng	98
17) 2-Methylphenol	8.149	107	147017	45.618	ng	99
18) Hexachloroethane	8.613	117	44171	29.932	ng	100
19) n-Nitroso-di-n-propyla...	8.360	70	130283	43.207	ng	97
20) 3+4-Methylphenols	8.484	107	209479	46.877	ng	98
22) Acetophenone	8.413	105	248409	41.414	ng	99
24) Nitrobenzene	8.813	77	177421	40.681	ng	97
25) Isophorone	9.259	82	362979	44.482	ng	99
26) 2-Nitrophenol	9.494	139	100543	43.319	ng	98
27) 2,4-Dimethylphenol	9.618	122	158504	59.021	ng	97
28) bis(2-Chloroethoxy)met...	9.759	93	215797	43.202	ng	99
29) 2,4-Dichlorophenol	10.058	162	188294	49.391	ng	98
30) 1,2,4-Trichlorobenzene	10.176	180	152975	35.944	ng	98
31) Naphthalene	10.376	128	528572	39.531	ng	100
32) Benzoic acid	9.900	122	103597	42.241	ng	99
33) 4-Chloroaniline	10.605	127	57049	12.133	ng	98
34) Hexachlorobutadiene	10.622	225	88365	33.687	ng	98
35) Caprolactam	11.392	113	44115m	31.511	ng	
36) 4-Chloro-3-methylphenol	11.786	107	206320	49.559	ng	100
37) 2-Methylnaphthalene	11.968	142	413219	43.510	ng	100
38) 1-Methylnaphthalene	12.197	142	391319	41.317	ng	100
40) 1,2,4,5-Tetrachloroben...	12.326	216	206089	44.736	ng	99
41) Hexachlorocyclopentadiene	12.303	237	199370	148.301	ng	98
43) 2,4,6-Trichlorophenol	12.649	196	163484	51.673	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.761	196	181484	51.489	ng	98
46) 1,1'-Biphenyl	12.996	154	567198	47.059	ng	99
47) 2-Chloronaphthalene	13.049	162	436158	45.880	ng	100
48) 2-Nitroaniline	13.378	65	135939	54.021	ng	97
49) Acenaphthylene	13.907	152	738983	52.164	ng	99
50) Dimethylphthalate	13.678	163	601220	48.319	ng	99
51) 2,6-Dinitrotoluene	13.813	165	134252	46.747	ng	97
52) Acenaphthene	14.236	154	449475	49.719	ng	99
53) 3-Nitroaniline	14.224	138	82843	29.714	ng	98
54) 2,4-Dinitrophenol	14.365	184	180178	107.060	ng	95
55) Dibenzofuran	14.577	168	726894	49.932	ng	99
56) 4-Nitrophenol	14.659	139	254074	110.361	ng	96
57) 2,4-Dinitrotoluene	14.600	165	200567	49.711	ng	98
58) Fluorene	15.217	166	599592	49.352	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.847	232	168550	51.679	ng	99
60) Diethylphthalate	15.006	149	618666	47.156	ng	99
61) 4-Chlorophenyl-phenyle...	15.199	204	294089	47.669	ng	98
62) 4-Nitroaniline	15.417	138	140267	46.697	ng	99
63) Azobenzene	15.499	77	540453	50.494	ng	99
65) 4,6-Dinitro-2-methylph...	15.346	198	122104	51.823	ng	96
66) n-Nitrosodiphenylamine	15.452	169	510369	48.451	ng	99
67) 4-Bromophenyl-phenylether	16.087	248	212970	48.648	ng	100
68) Hexachlorobenzene	16.198	284	282686	49.065	ng	99
69) Atrazine	16.386	200	146029	46.956	ng	98
70) Pentachlorophenol	16.610	266	337760	108.045	ng	99
71) Phenanthrene	16.950	178	1002432	51.926	ng	100
72) Anthracene	17.038	178	1039726	54.537	ng	100
73) Carbazole	17.367	167	950099	49.696	ng	99
74) Di-n-butylphthalate	17.814	149	1164818	49.336	ng	99
75) Fluoranthene	18.960	202	1235271	49.906	ng	100
77) Benzidine	19.218	184	18037	1.862	ng	# 94
78) Pyrene	19.324	202	1304082	50.823	ng	99
80) Butylbenzylphthalate	20.170	149	594003	51.513	ng	95
81) Benzo(a)anthracene	21.051	228	1402890	52.380	ng	100
82) 3,3'-Dichlorobenzidine	21.028	252	228545	21.677	ng	98
83) Chrysene	21.110	228	1323544	51.991	ng	100
84) Bis(2-ethylhexyl)phtha...	20.875	149	869253	49.861	ng	100
85) Di-n-octyl phthalate	21.721	149	1509614	51.185	ng	99
87) Indeno(1,2,3-cd)pyrene	25.699	276	2131461	53.352	ng	100
88) Benzo(b)fluoranthene	22.649	252	1567015	49.129	ng	99
89) Benzo(k)fluoranthene	22.696	252	1527380	52.751	ng	99
90) Benzo(a)pyrene	23.255	252	1496940	54.361	ng	99
91) Dibenzo(a,h)anthracene	25.687	278	1768790	53.161	ng	100
92) Benzo(g,h,i)perylene	26.439	276	1594710	47.176	ng	100

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

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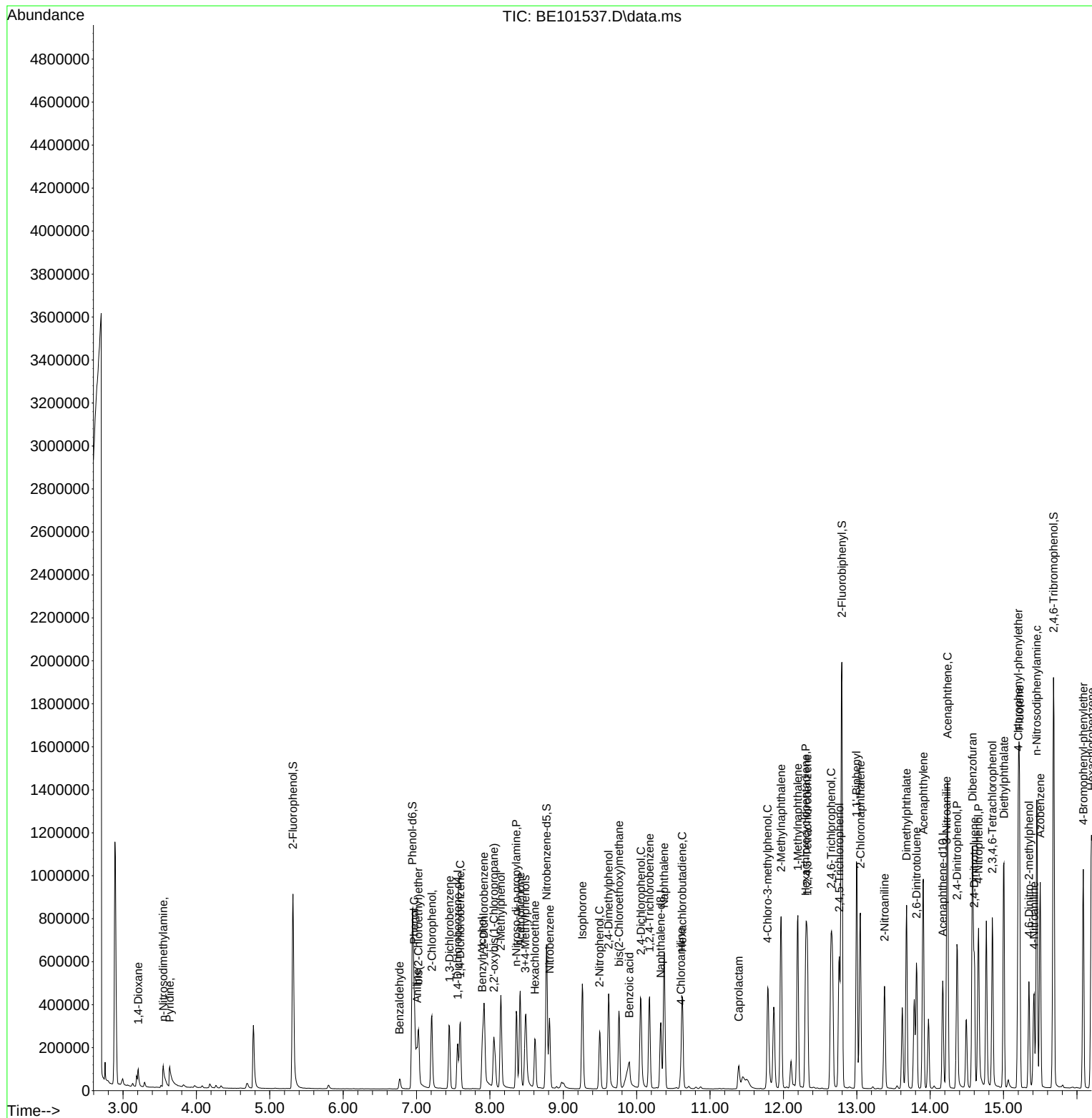
Manual Integrations

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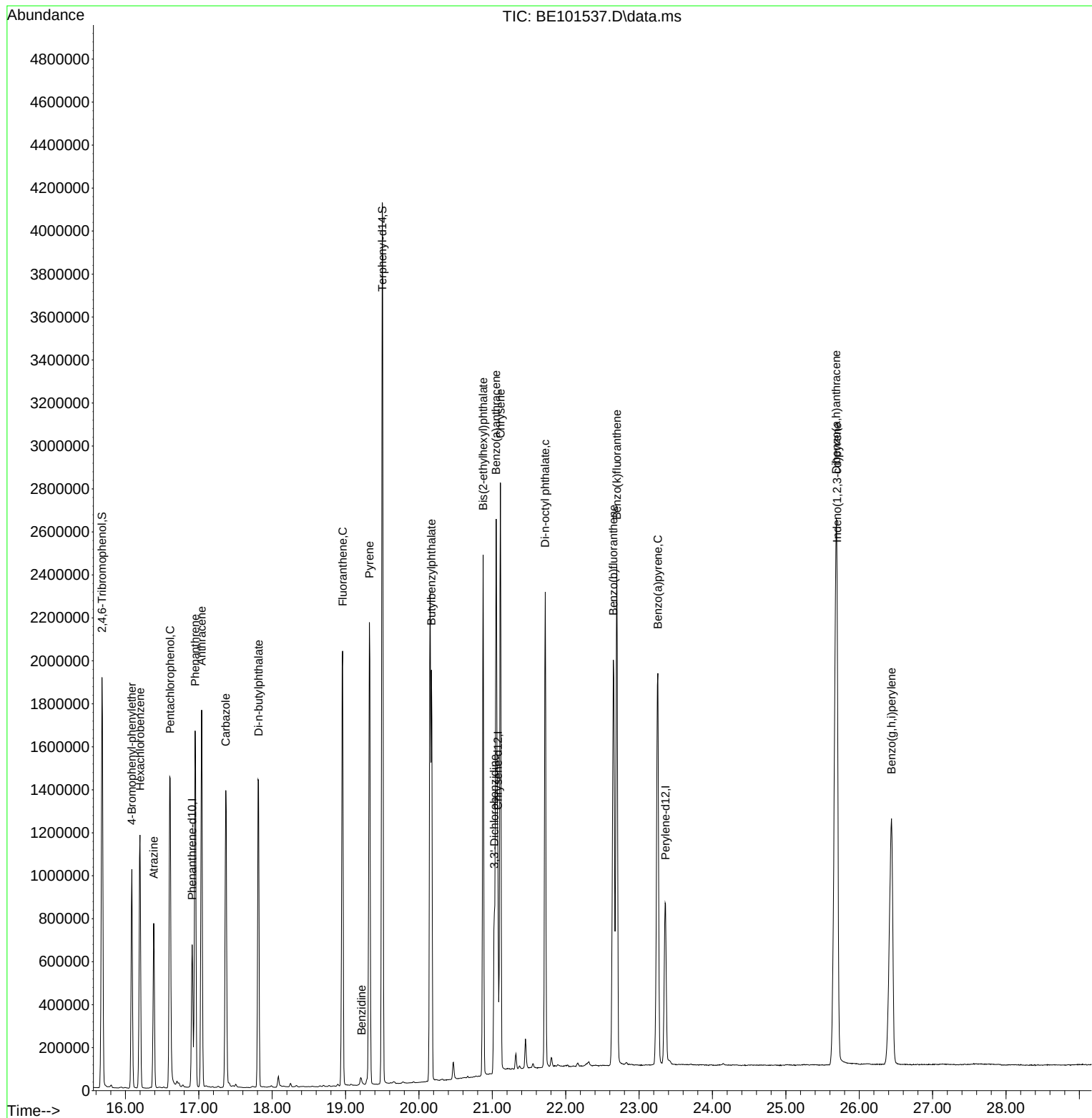
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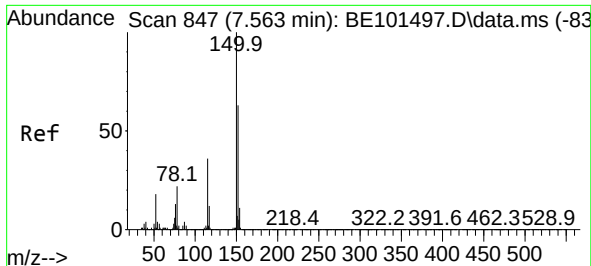
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.561 min Scan# 84
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

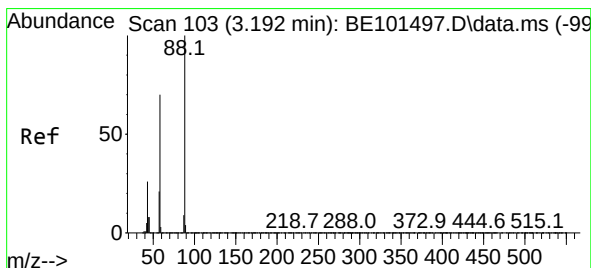
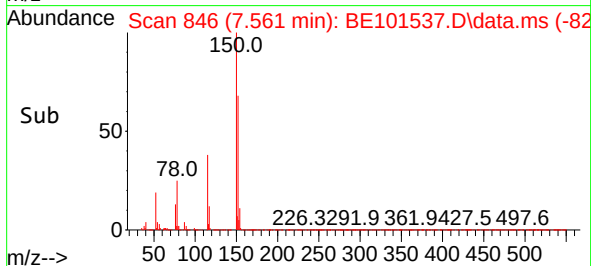
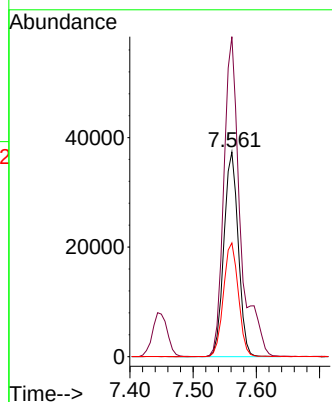
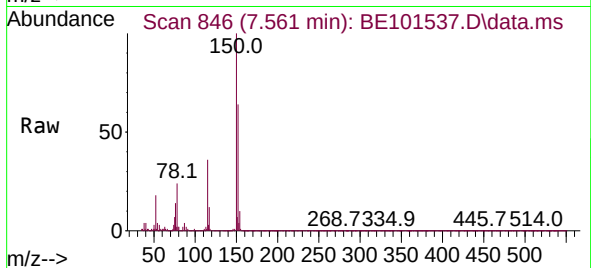
BP-G5-WCMS

Tgt Ion:152 Resp: 5897
Ion Ratio Lower Upper
152 100
150 156.4 126.3 189.5
115 55.6 45.0 67.4

Manual Integrations

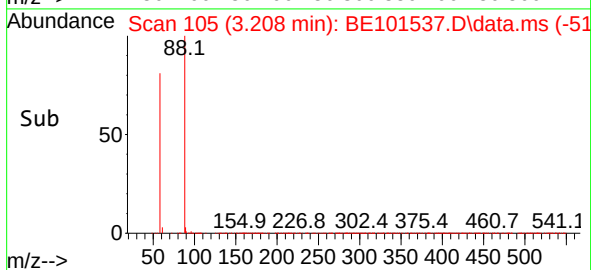
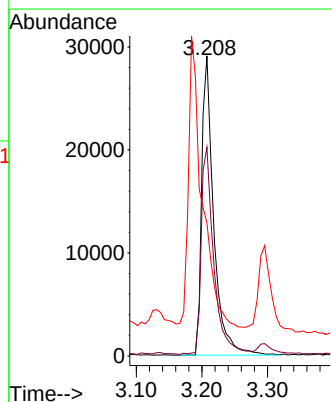
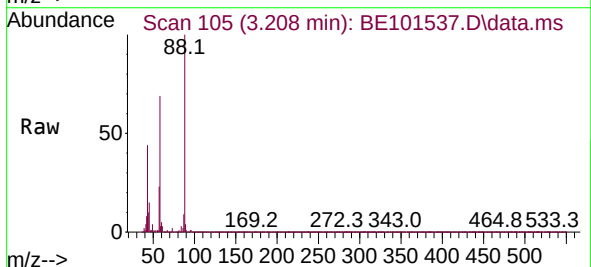
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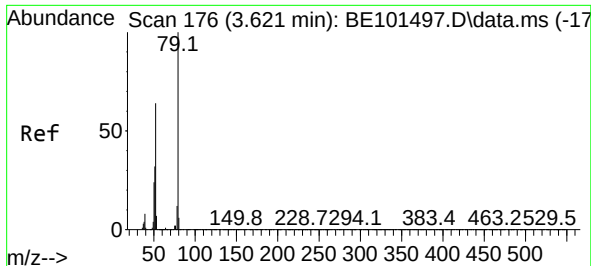
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#2
1,4-Dioxane
Concen: 29.807 ng
RT: 3.208 min Scan# 105
Delta R.T. 0.016 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

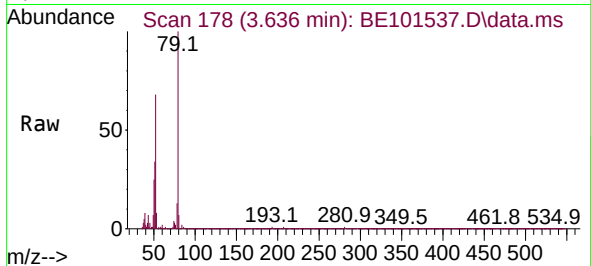
Tgt Ion: 88 Resp: 36998
Ion Ratio Lower Upper
88 100
58 72.4 56.5 84.7
43 0.0 20.8 31.2#





#3
Pyridine
Concen: 28.913 ng
RT: 3.636 min Scan# 176
Delta R.T. 0.016 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

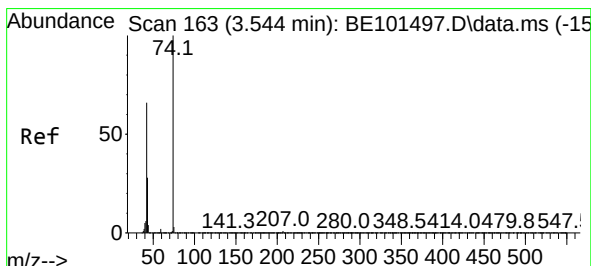
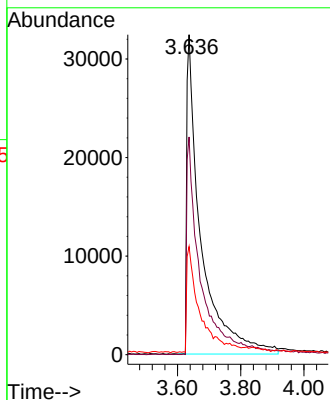
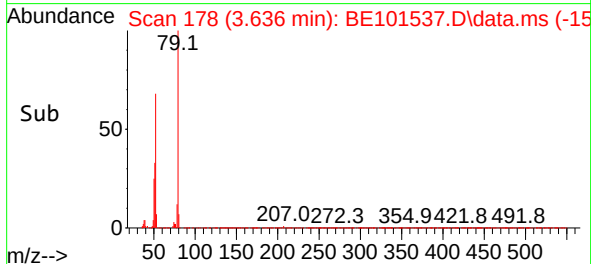
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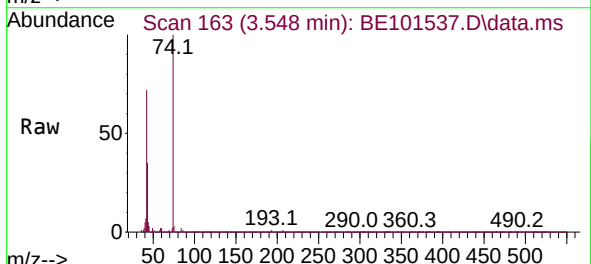
Tgt Ion: 79 Resp: 100370
Ion Ratio Lower Upper
79 100
52 68.1 51.1 76.7
51 33.8 26.2 39.2

Manual Integrations
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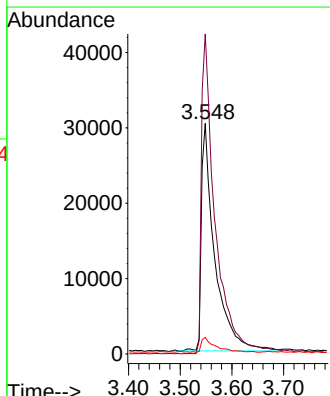
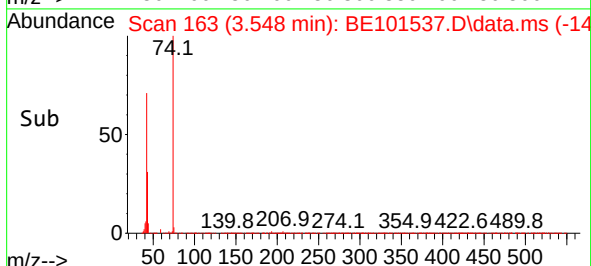
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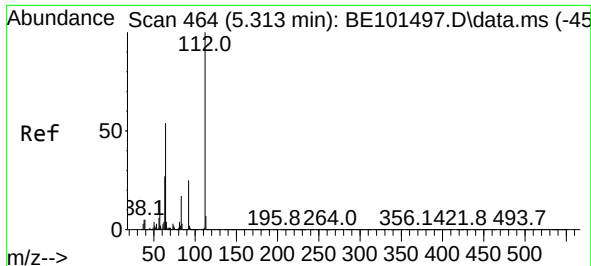


#4
n-Nitrosodimethylamine
Concen: 39.486 ng
RT: 3.548 min Scan# 163
Delta R.T. 0.004 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39



Tgt Ion: 42 Resp: 54279
Ion Ratio Lower Upper
42 100
74 138.8 120.1 180.1
44 7.2 5.8 8.6





#5
2-Fluorophenol
Concen: 141.269 ng
RT: 5.317 min Scan# 464
Delta R.T. 0.004 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

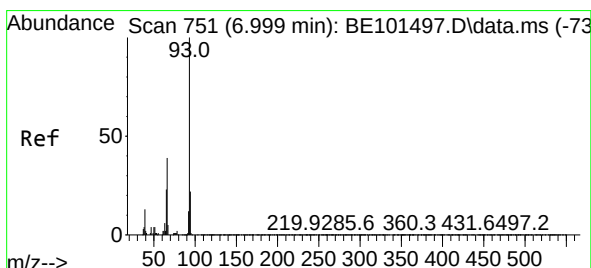
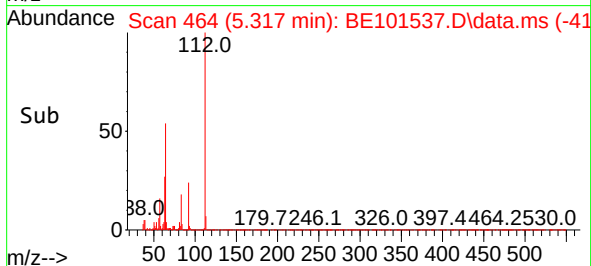
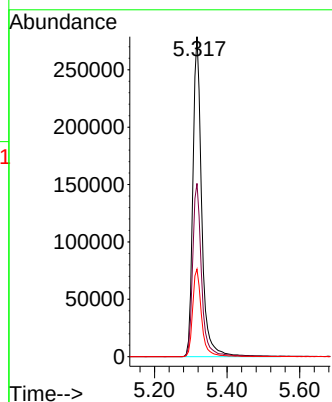
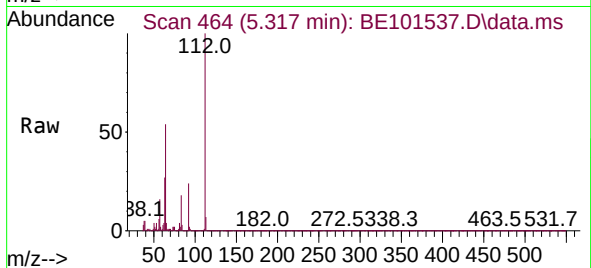
BP-G5-WCMS

Tgt Ion:112 Resp: 471200
Ion Ratio Lower Upper
112 100
64 54.2 43.2 64.8
63 27.3 21.8 32.6

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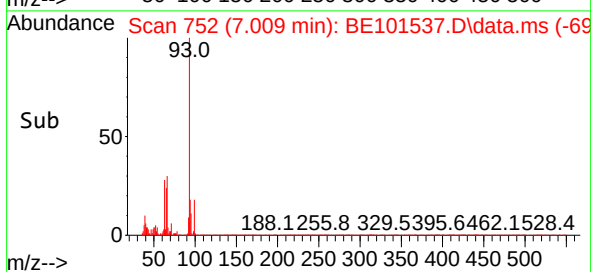
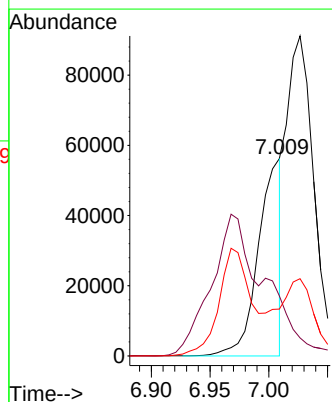
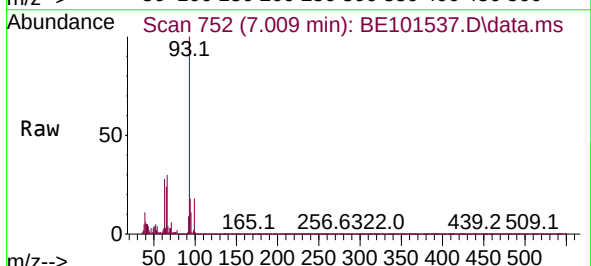
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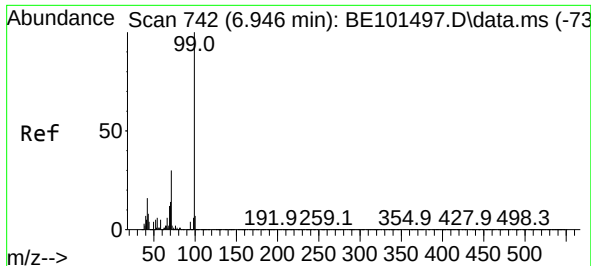
Reviewed By :Yogesh Patel 11/08/2024
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#6
Aniline
Concen: 22.588 ng m
RT: 7.009 min Scan# 752
Delta R.T. 0.010 min
Lab File: BE101537.D
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Tgt Ion: 93 Resp: 77531
Ion Ratio Lower Upper
93 100
66 30.4 33.4 50.0#
65 23.7 18.5 27.7





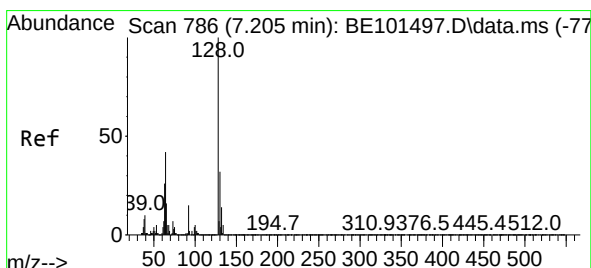
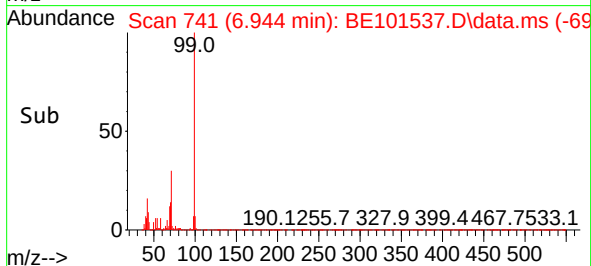
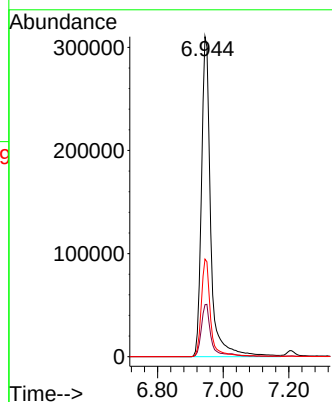
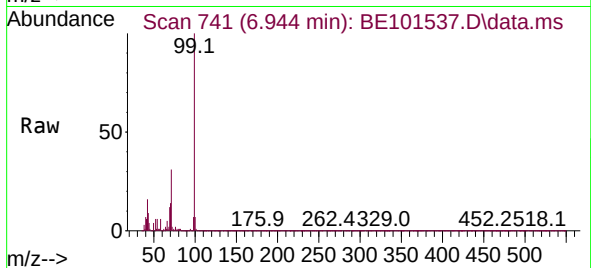
#7
Phenol-d6
Concen: 133.512 ng
RT: 6.944 min Scan# 741
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

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Tgt Ion: 99 Resp: 61057
Ion Ratio Lower Upper
99 100
42 16.3 12.5 18.7
71 30.5 24.2 36.2

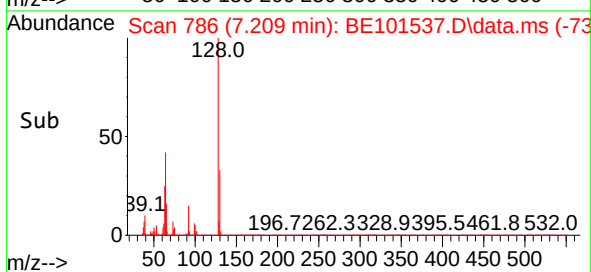
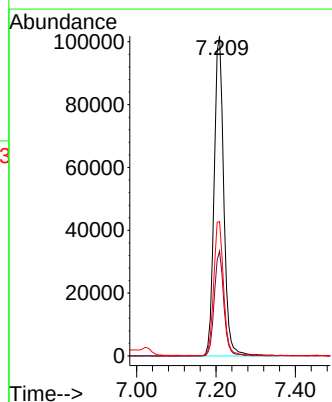
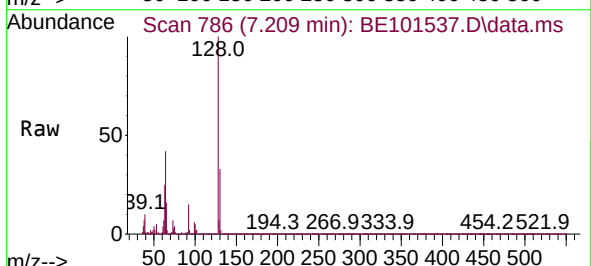
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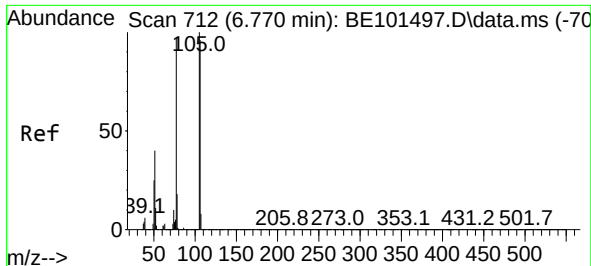
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024



#8
2-Chlorophenol
Concen: 43.451 ng
RT: 7.209 min Scan# 786
Delta R.T. 0.004 min
Lab File: BE101537.D
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Tgt Ion:128 Resp: 171706
Ion Ratio Lower Upper
128 100
130 32.8 12.1 52.1
64 42.0 22.0 62.0





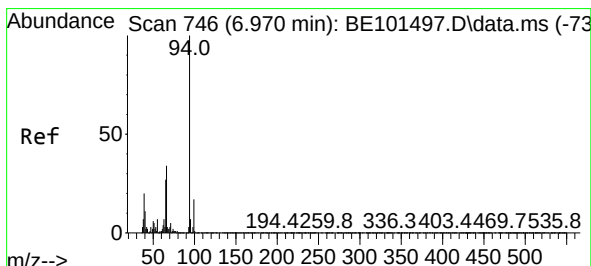
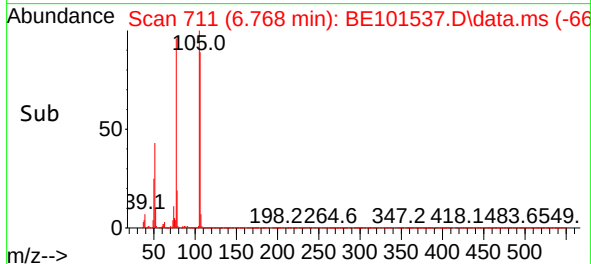
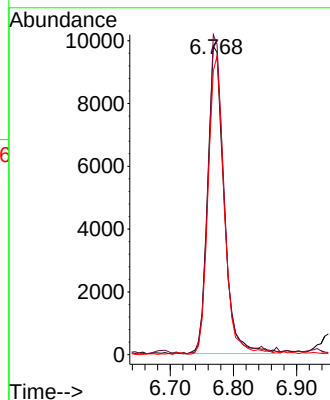
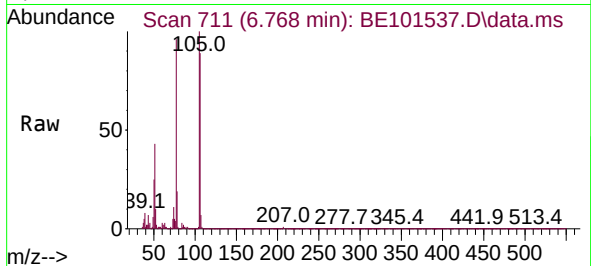
#9
Benzaldehyde
Concen: 7.901 ng
RT: 6.768 min Scan# 712
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :
BNA_E
ClientSampleId :
BP-G5-WCMS

Tgt Ion: 77 Resp: 17674
Ion Ratio Lower Upper
77 100
105 103.7 83.0 123.0
106 92.0 78.8 118.8

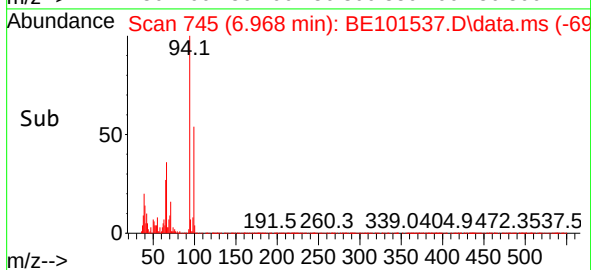
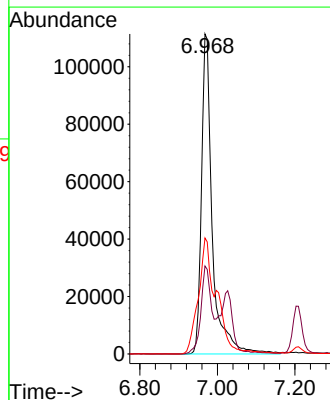
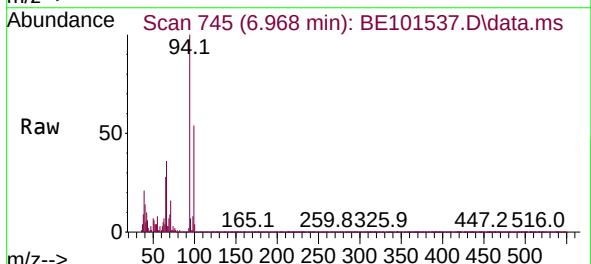
Manual Integrations
APPROVED

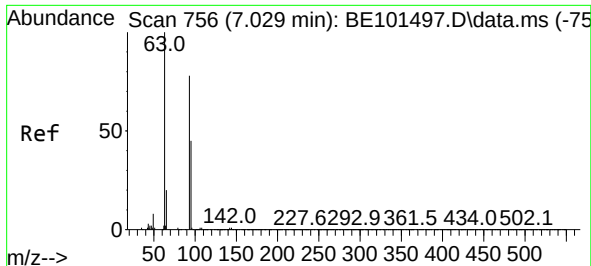
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024



#10
Phenol
Concen: 43.370 ng
RT: 6.968 min Scan# 745
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion: 94 Resp: 215892
Ion Ratio Lower Upper
94 100
65 27.5 6.7 46.7
66 36.3 15.0 55.0





#11
bis(2-Chloroethyl)ether
Concen: 36.586 ng m
RT: 7.027 min Scan# 70
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

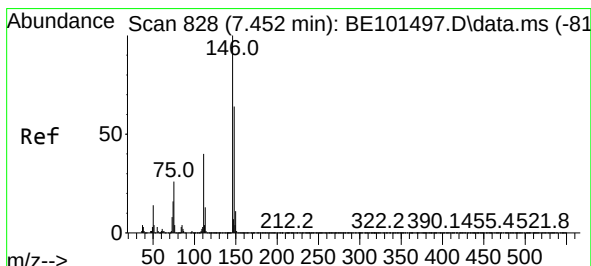
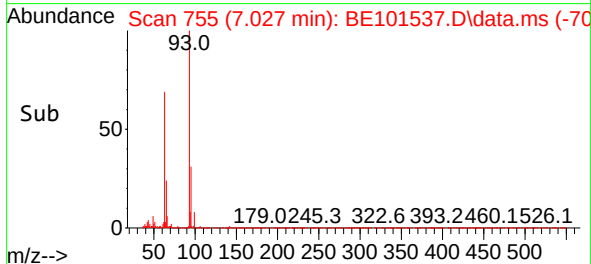
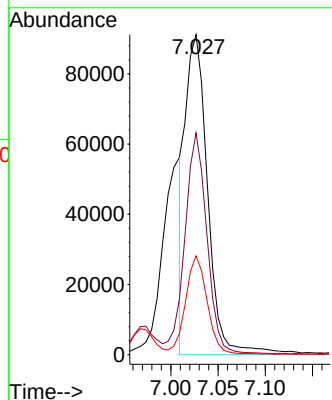
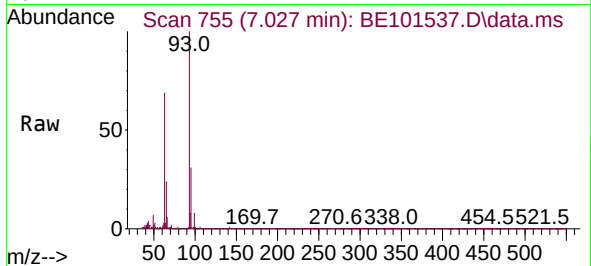
BP-G5-WCMS

Tgt Ion: 93 Resp: 150760
Ion Ratio Lower Upper
93 100
63 69.3 46.5 86.5
95 30.9 9.1 49.1

Manual Integrations

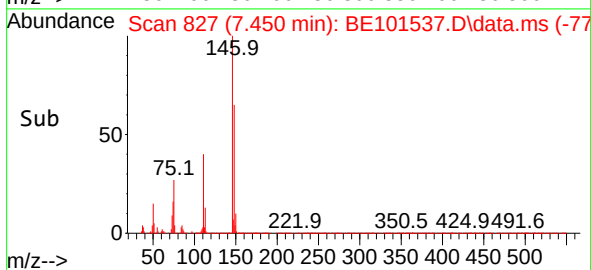
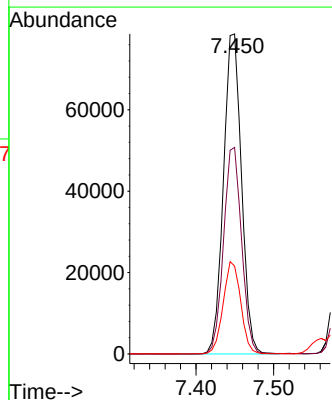
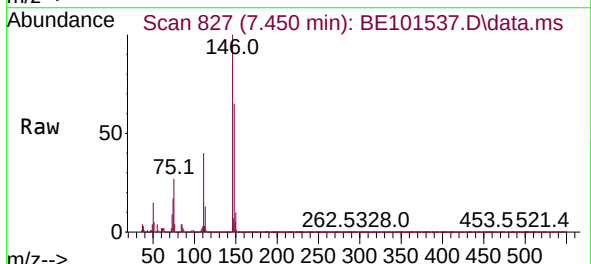
APPROVED

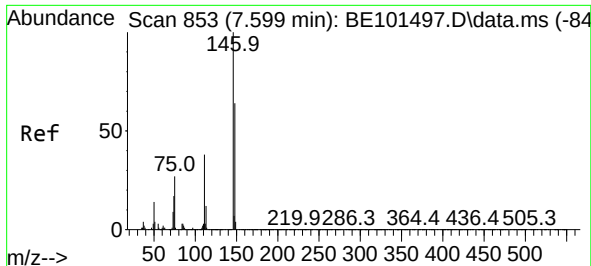
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024



#12
1,3-Dichlorobenzene
Concen: 29.513 ng
RT: 7.450 min Scan# 827
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion:146 Resp: 127325
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
75 27.4 21.1 31.7





#13

1,4-Dichlorobenzene

Concen: 30.470 ng

RT: 7.597 min Scan# 81

Delta R.T. -0.002 min

Lab File: BE101537.D

Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

BP-G5-WCMS

Tgt Ion:146 Resp: 13314

Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.6

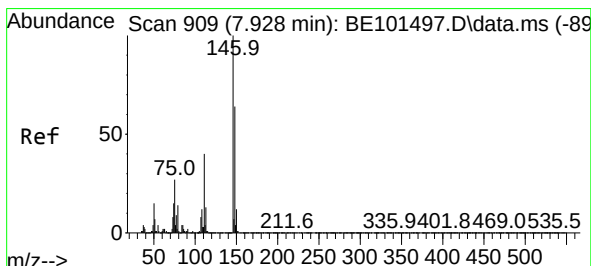
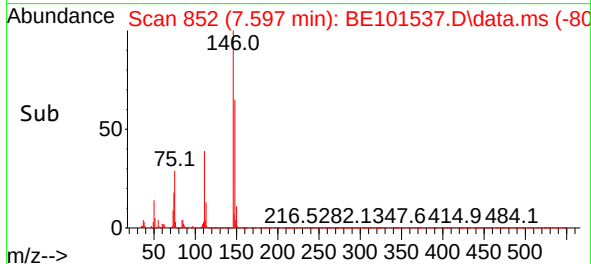
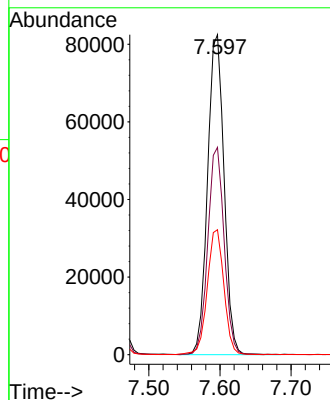
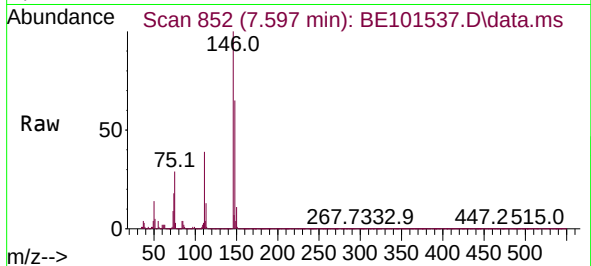
111 39.1 30.2 45.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/08/2024



#14

1,2-Dichlorobenzene

Concen: 31.455 ng

RT: 7.920 min Scan# 907

Delta R.T. -0.008 min

Lab File: BE101537.D

Acq: 7 Nov 2024 18:39

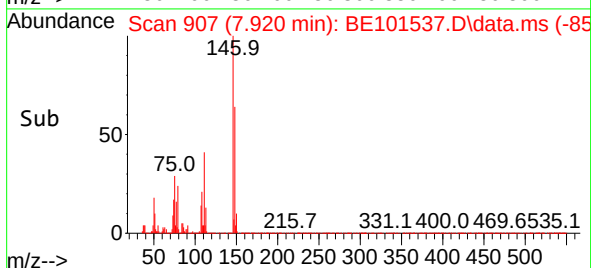
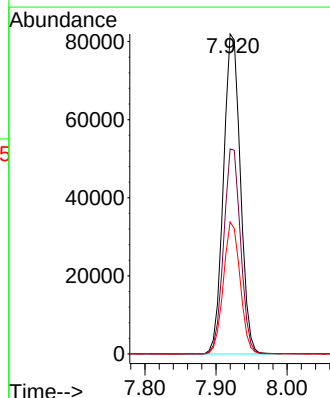
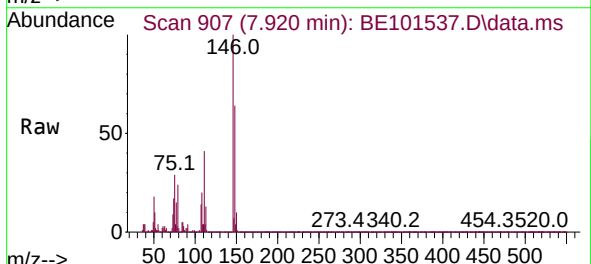
Tgt Ion:146 Resp: 134921

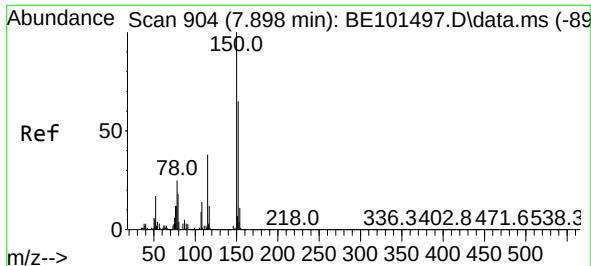
Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

111 41.2 32.2 48.4





#15
Benzyl Alcohol
Concen: 48.131 ng
RT: 7.896 min Scan# 90
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

BP-G5-WCMS

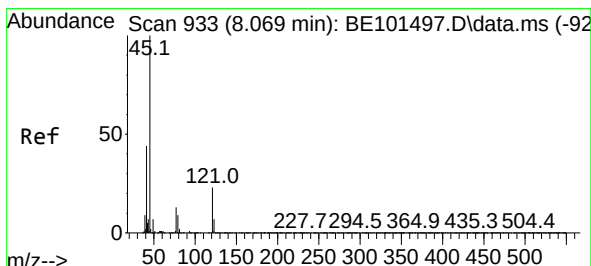
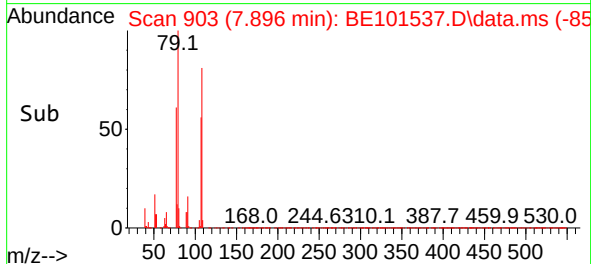
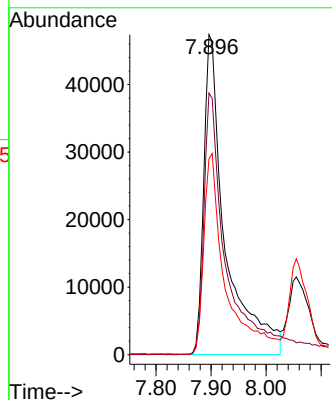
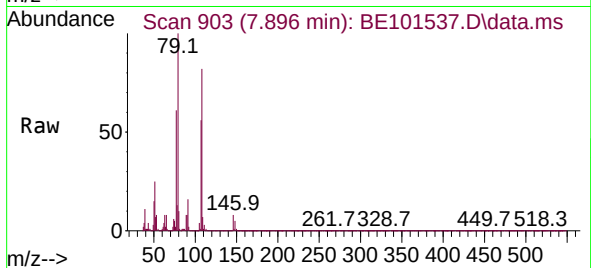
Tgt Ion: 79 Resp: 128570
Ion Ratio Lower Upper
79 100
108 81.7 63.8 95.8
77 61.2 53.4 80.0

Manual Integrations

APPROVED

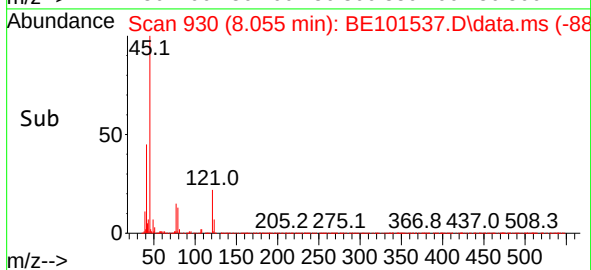
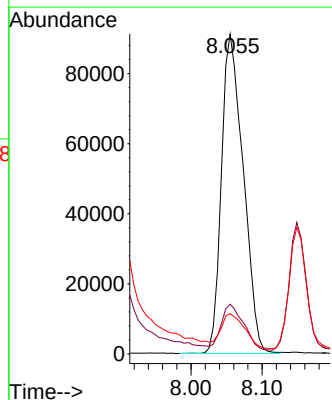
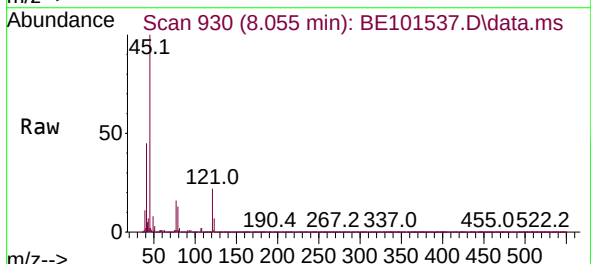
Reviewed By :Yogesh Patel 11/08/2024

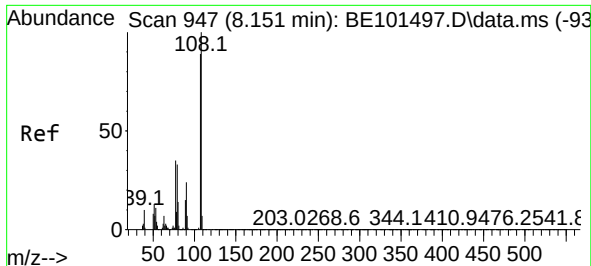
Supervised By :mohammad ahmed 11/08/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.718 ng
RT: 8.055 min Scan# 930
Delta R.T. -0.014 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion: 45 Resp: 193747
Ion Ratio Lower Upper
45 100
77 15.5 0.0 36.2
79 12.6 0.0 33.8





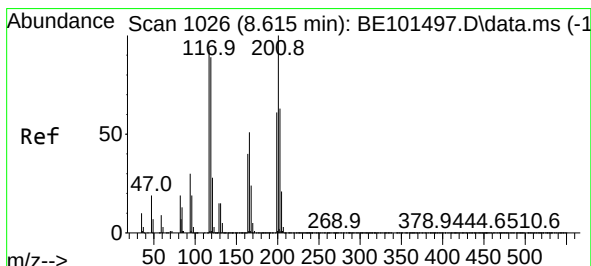
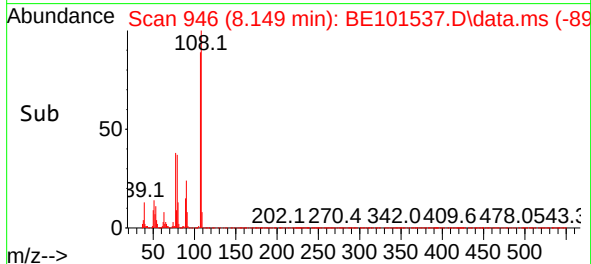
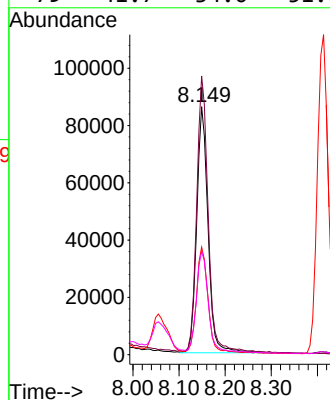
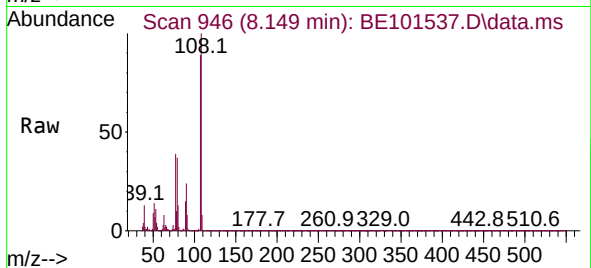
#17
2-Methylphenol
Concen: 45.618 ng
RT: 8.149 min Scan# 947
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :
BNA_E
ClientSampleId :
BP-G5-WCMS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.2	135.4
77	43.4	35.1	52.7
79	41.7	34.0	51.0

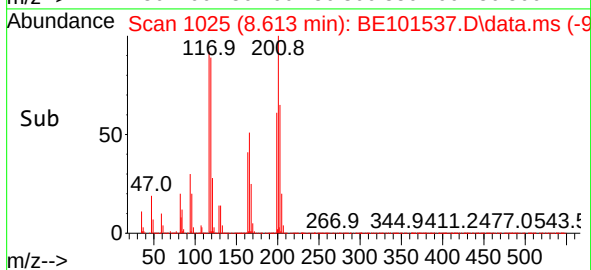
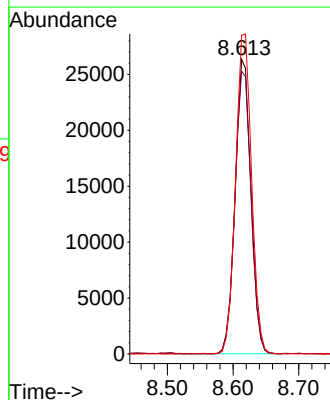
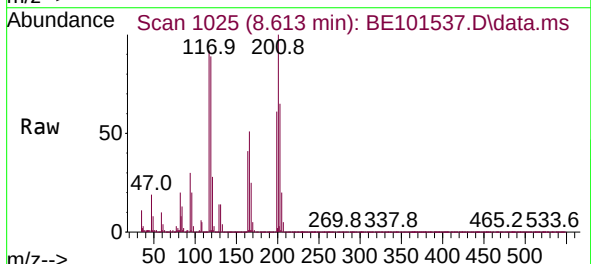
Manual Integrations
APPROVED

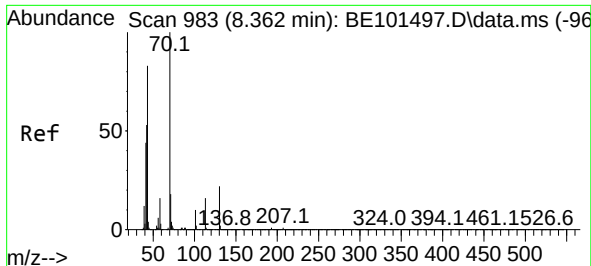
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024



#18
Hexachloroethane
Concen: 29.932 ng
RT: 8.613 min Scan# 1025
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

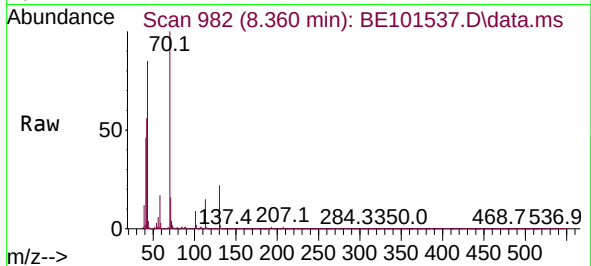
Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.6	114.8
201	108.2	86.1	129.1





#19
n-Nitroso-di-n-propylamine
Concen: 43.207 ng
RT: 8.360 min Scan# 91
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

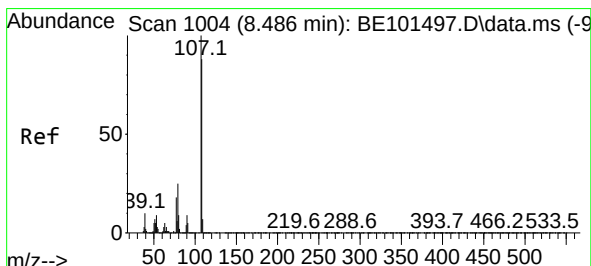
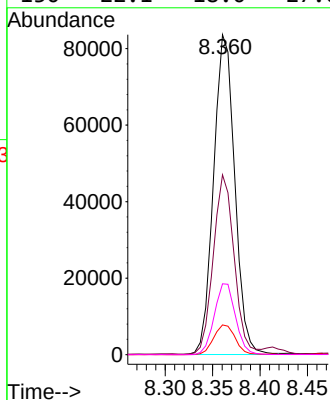
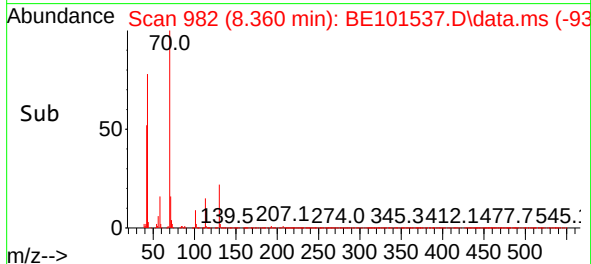
Instrument :
BNA_E
ClientSampleId :
BP-G5-WCMS



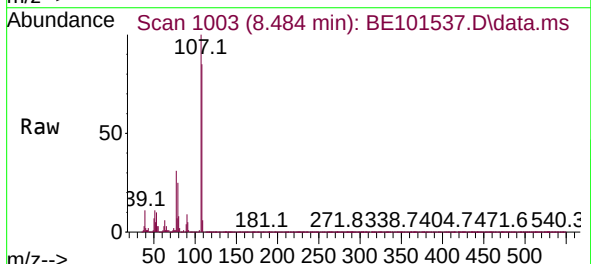
Tgt Ion: 70 Resp: 13028
Ion Ratio Lower Upper
70 100
42 56.2 42.7 64.1
101 9.3 8.2 12.2
130 22.1 18.0 27.0

Manual Integrations
APPROVED

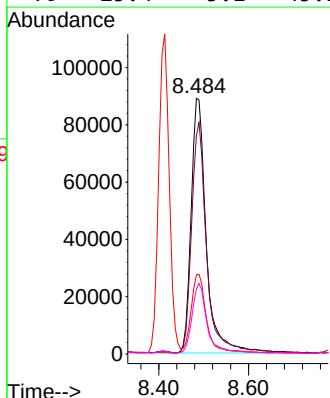
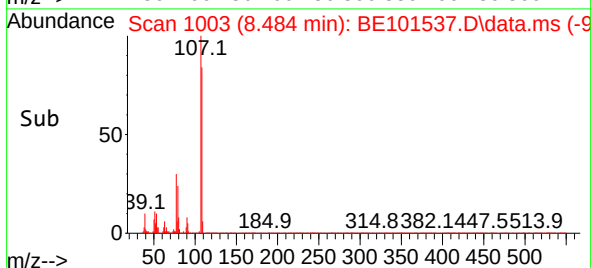
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024

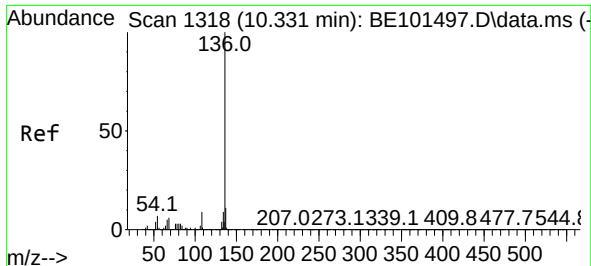


#20
3+4-Methylphenols
Concen: 46.877 ng
RT: 8.484 min Scan# 1003
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39



Tgt Ion:107 Resp: 209479
Ion Ratio Lower Upper
107 100
108 85.5 68.2 108.2
77 31.0 10.4 50.4
79 25.4 5.1 45.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.329 min Scan# 11
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

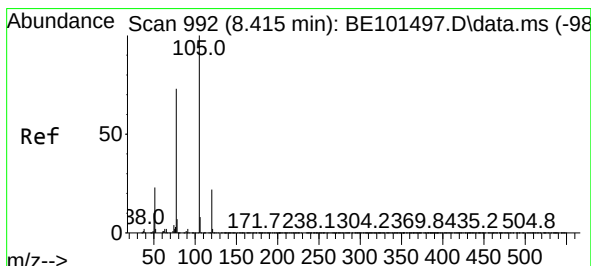
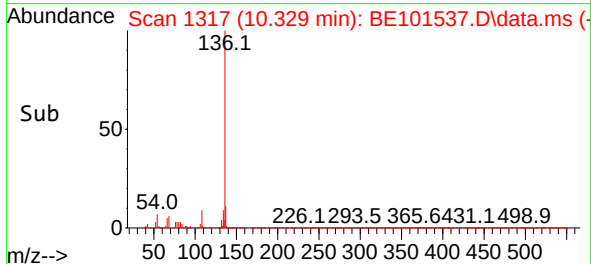
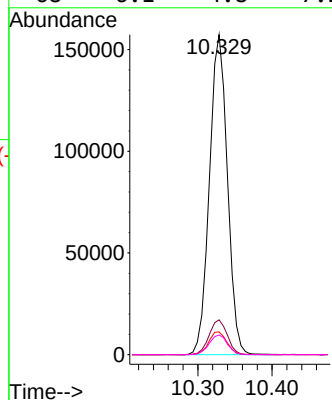
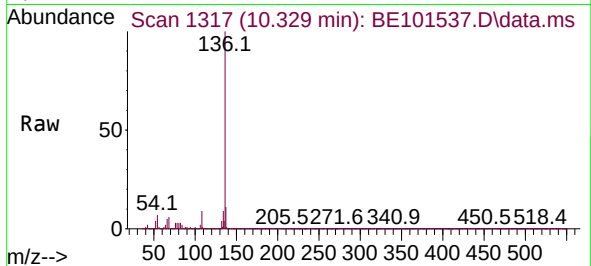
BP-G5-WCMS

Tgt Ion:136 Resp: 264859
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.1 5.6 8.4
68 6.1 4.8 7.2

Manual Integrations

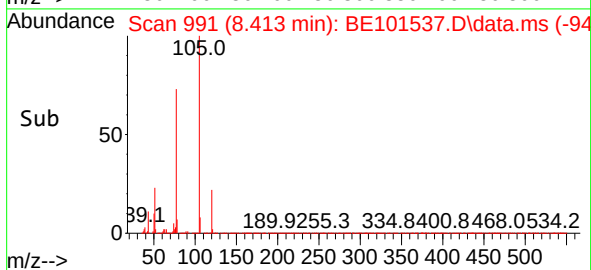
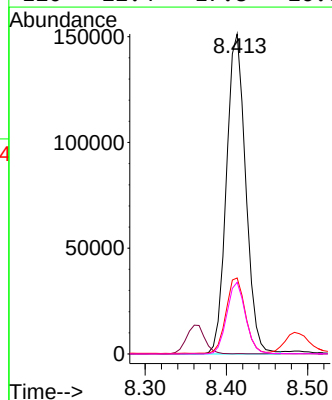
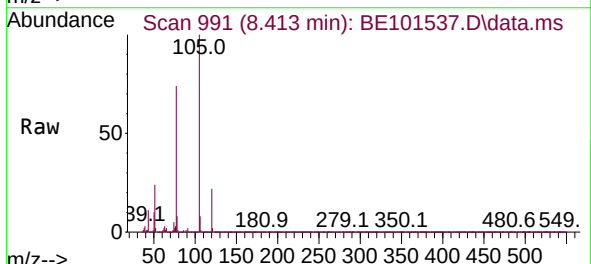
APPROVED

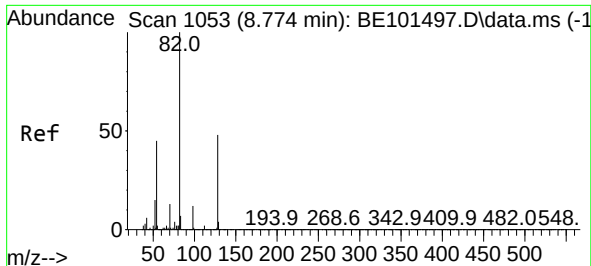
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024



#22
Acetophenone
Concen: 41.414 ng
RT: 8.413 min Scan# 991
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion:105 Resp: 248409
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1
51 23.7 18.7 28.1
120 22.4 17.8 26.6





#23
Nitrobenzene-d5
Concen: 94.112 ng
RT: 8.772 min Scan# 1053
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

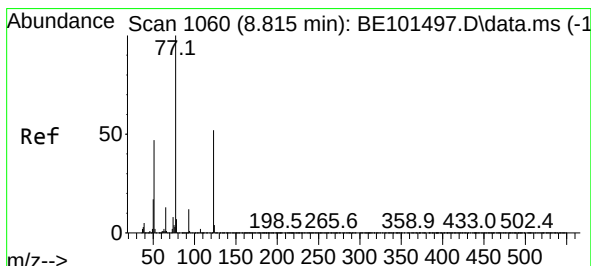
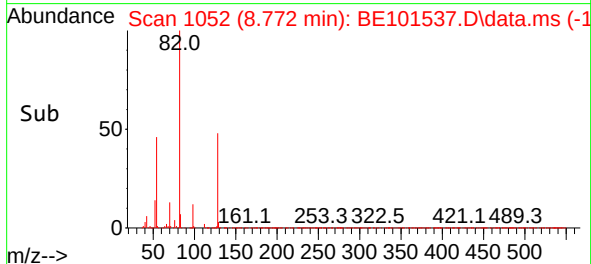
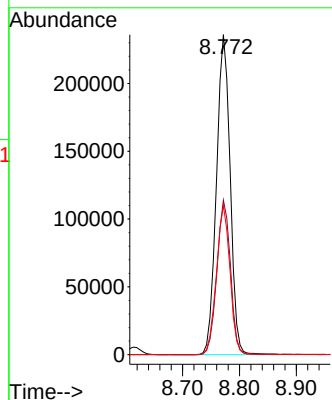
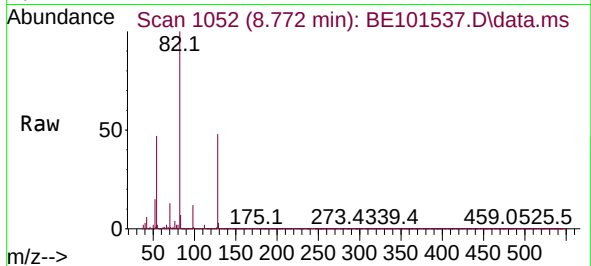
BP-G5-WCMS

Tgt Ion: 82 Resp: 394625
Ion Ratio Lower Upper
82 100
128 48.3 38.6 58.0
54 46.6 36.3 54.5

Manual Integrations

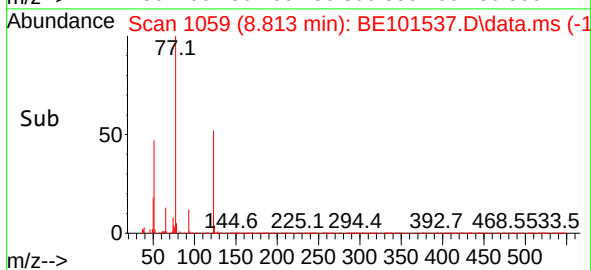
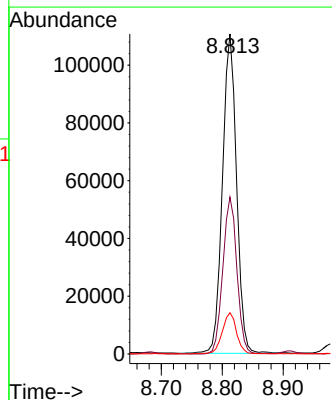
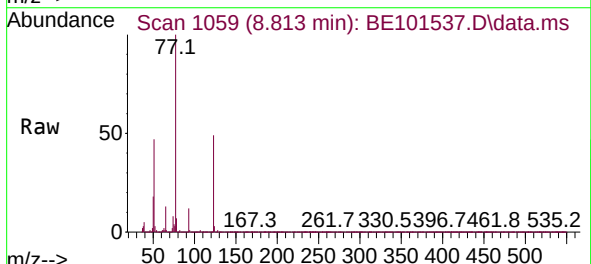
APPROVED

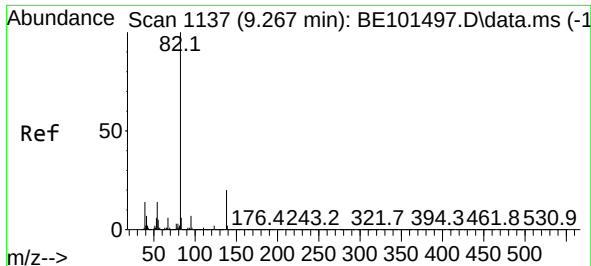
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024



#24
Nitrobenzene
Concen: 40.681 ng
RT: 8.813 min Scan# 1059
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion: 77 Resp: 177421
Ion Ratio Lower Upper
77 100
123 49.0 41.2 61.8
65 12.9 10.3 15.5





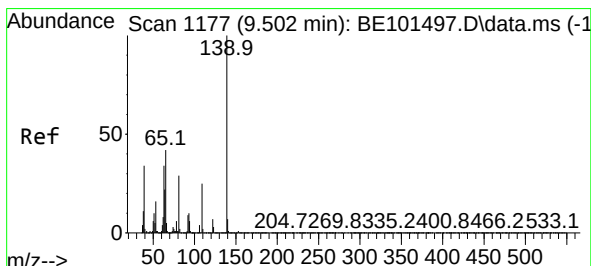
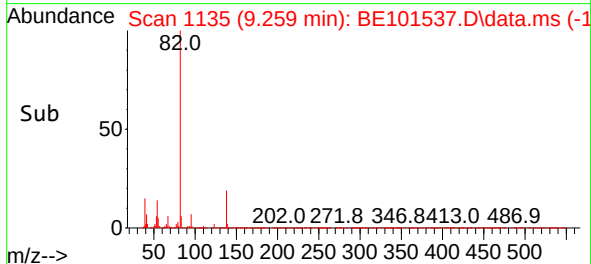
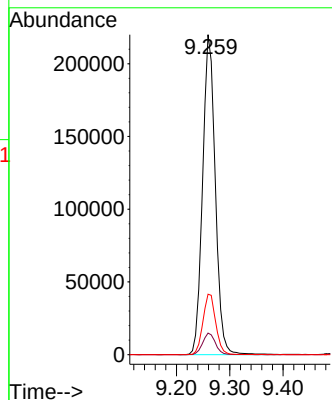
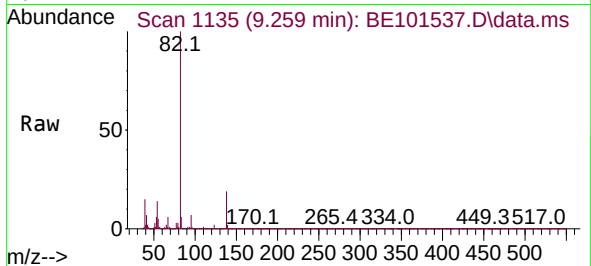
#25
Isophorone
Concen: 44.482 ng
RT: 9.259 min Scan# 1135
Delta R.T. -0.008 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :
BNA_E
ClientSampleId :
BP-G5-WCMS

Tgt Ion: 82 Resp: 362979
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.9 15.8 23.6

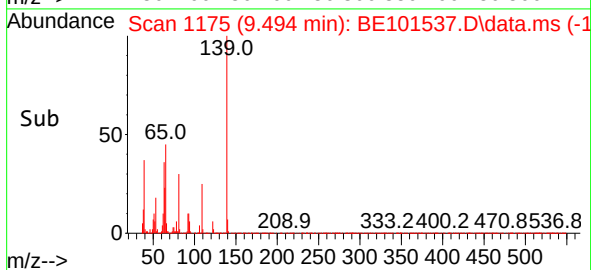
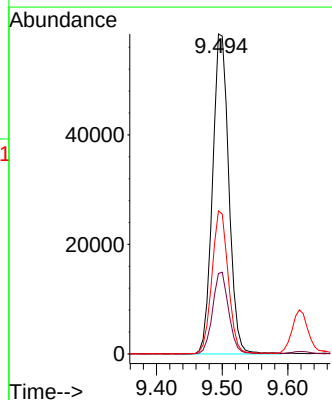
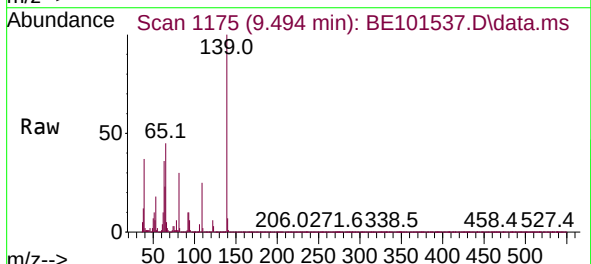
Manual Integrations
APPROVED

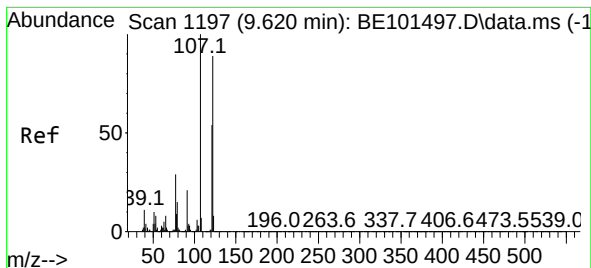
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024



#26
2-Nitrophenol
Concen: 43.319 ng
RT: 9.494 min Scan# 1175
Delta R.T. -0.008 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion:139 Resp: 100543
Ion Ratio Lower Upper
139 100
109 25.1 20.2 30.4
65 44.7 34.0 51.0





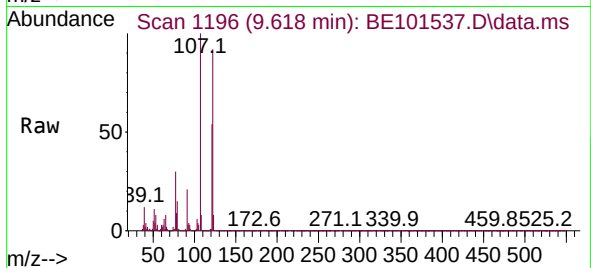
#27
2,4-Dimethylphenol
Concen: 59.021 ng
RT: 9.618 min Scan# 1196
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

BP-G5-WCMS



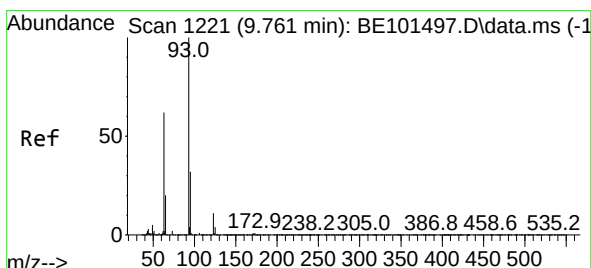
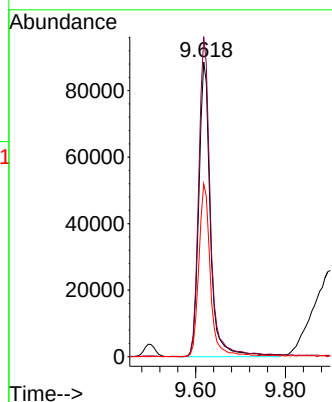
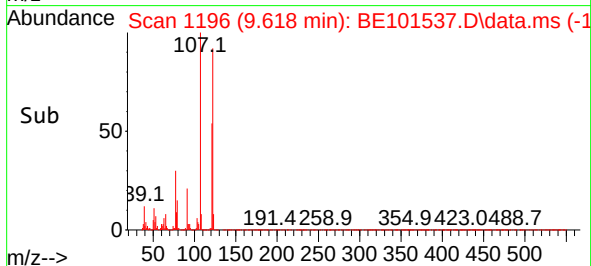
Tgt Ion:122 Resp: 158504
Ion Ratio Lower Upper
122 100
107 108.5 89.8 134.6
121 58.6 48.0 72.0

Manual Integrations

APPROVED

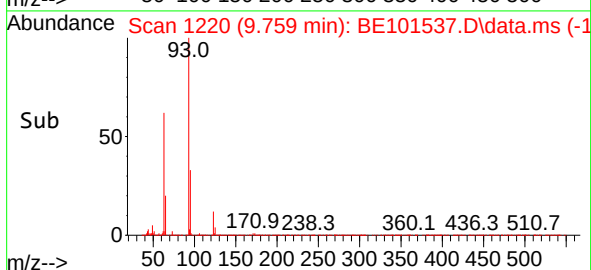
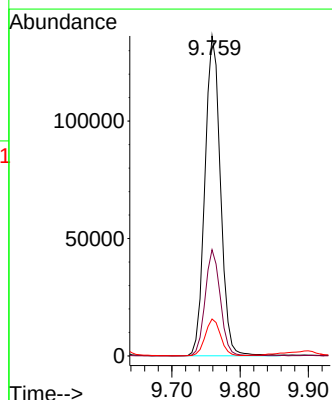
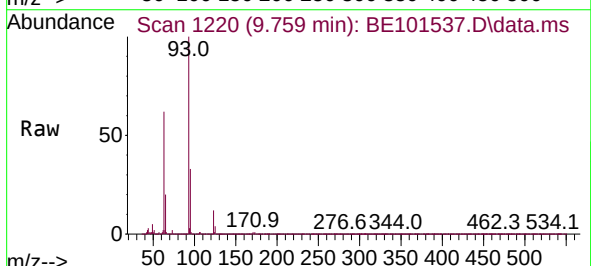
Reviewed By :Yogesh Patel 11/08/2024

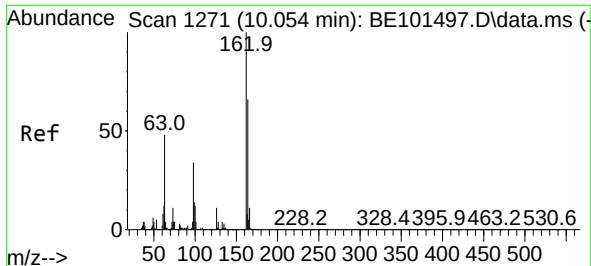
Supervised By :mohammad ahmed 11/08/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.202 ng
RT: 9.759 min Scan# 1220
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion: 93 Resp: 215797
Ion Ratio Lower Upper
93 100
95 33.2 25.9 38.9
123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 49.391 ng

RT: 10.058 min Scan# 1271

Delta R.T. 0.004 min

Lab File: BE101537.D

Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

BP-G5-WCMS

Tgt Ion:162 Resp: 188294

Ion Ratio Lower Upper

162 100

164 64.4 45.7 85.7

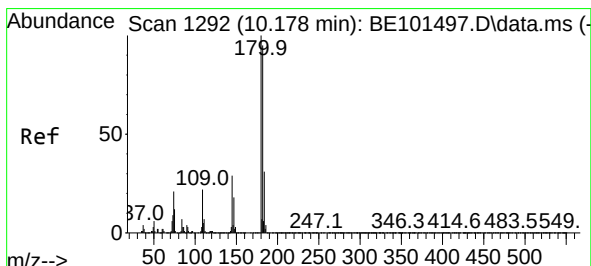
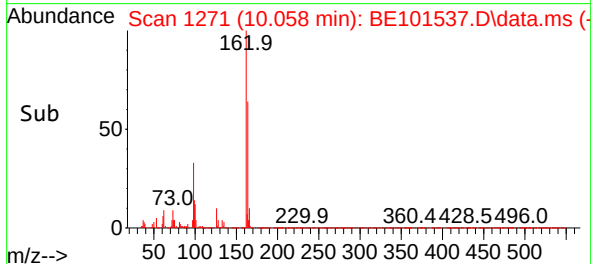
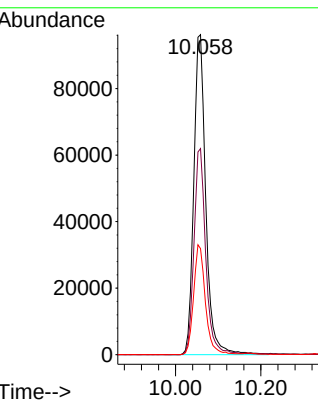
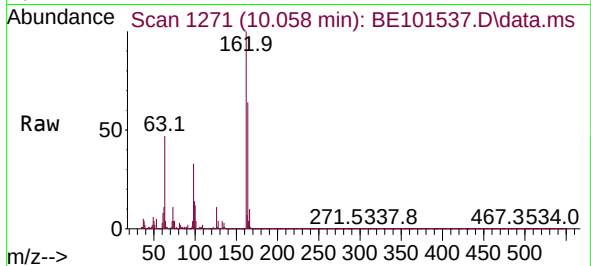
98 33.2 14.0 54.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/08/2024



#30

1,2,4-Trichlorobenzene

Concen: 35.944 ng

RT: 10.176 min Scan# 1291

Delta R.T. -0.002 min

Lab File: BE101537.D

Acq: 7 Nov 2024 18:39

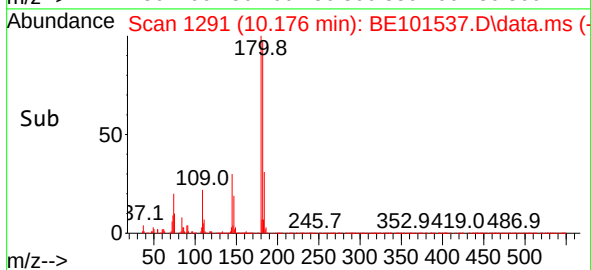
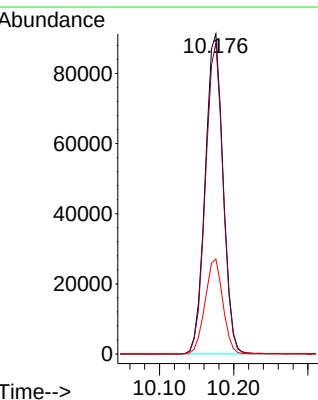
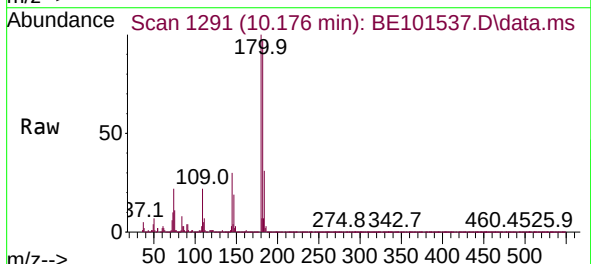
Tgt Ion:180 Resp: 152975

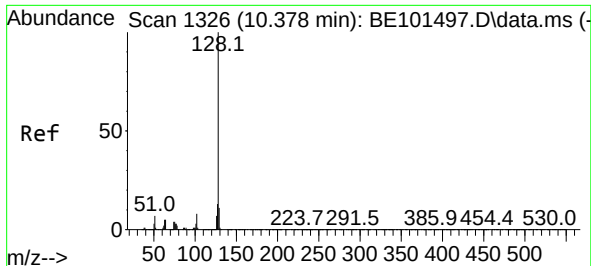
Ion Ratio Lower Upper

180 100

182 97.2 76.2 114.2

145 29.6 23.2 34.8





#31
Naphthalene
Concen: 39.531 ng
RT: 10.376 min Scan# 1326
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

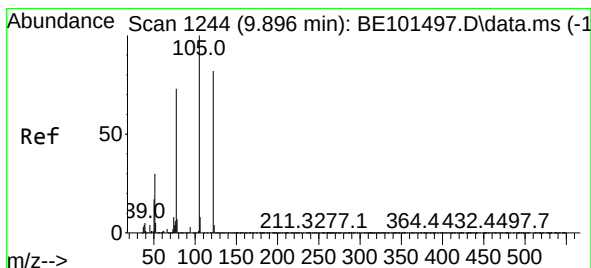
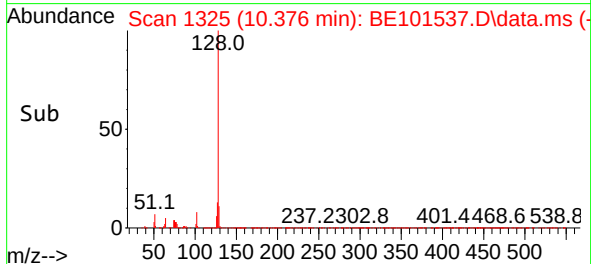
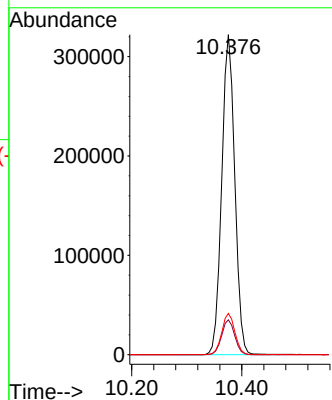
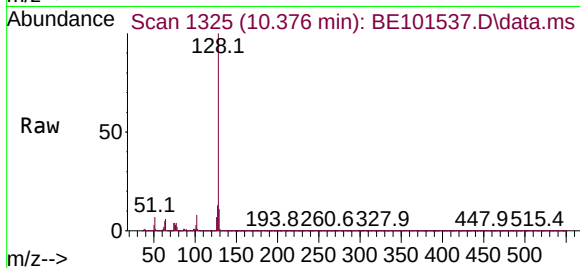
BP-G5-WCMS

Tgt Ion:128 Resp: 528572
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.9 10.3 15.5

Manual Integrations

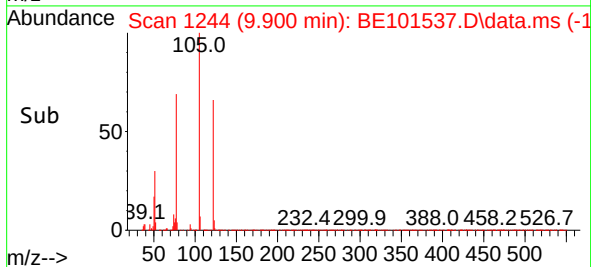
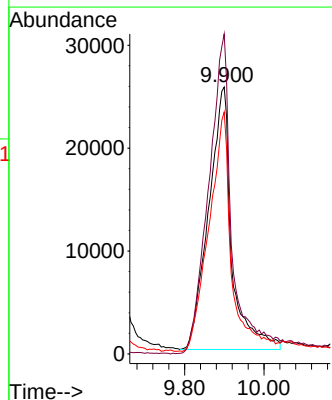
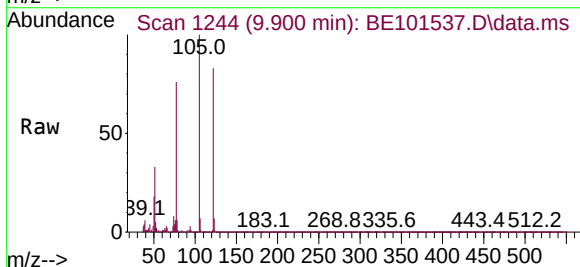
APPROVED

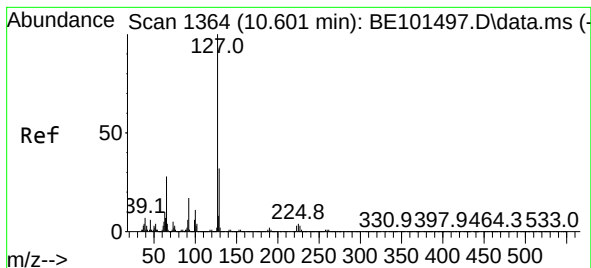
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024



#32
Benzoic acid
Concen: 42.241 ng
RT: 9.900 min Scan# 1244
Delta R.T. 0.004 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion:122 Resp: 103597
Ion Ratio Lower Upper
122 100
105 119.9 100.6 140.6
77 90.6 68.6 108.6





#33
4-Chloroaniline
Concen: 12.133 ng
RT: 10.605 min Scan# 1364
Delta R.T. 0.004 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

BP-G5-WCMS

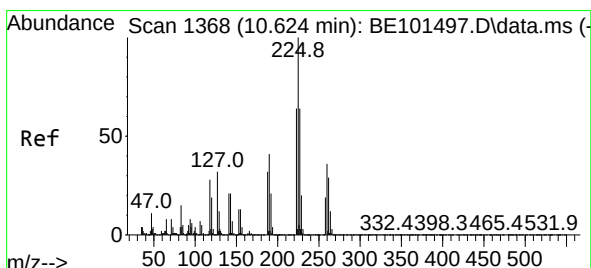
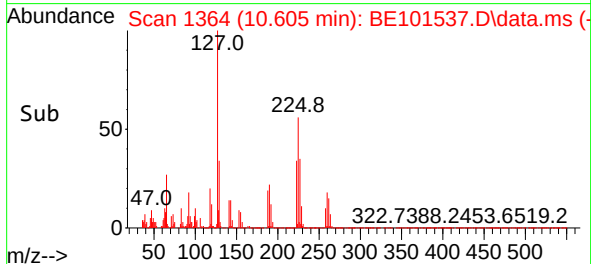
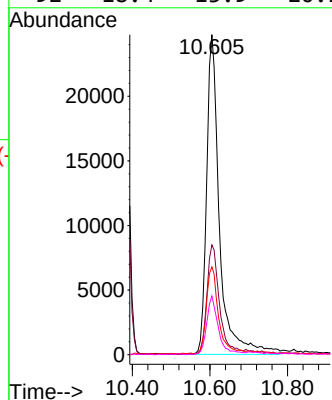
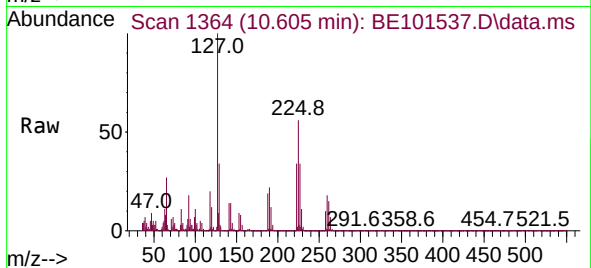
Tgt Ion:	127	Resp:	57049
Ion Ratio	Lower	Upper	
127	100		
129	34.3	25.8	38.8
65	27.5	22.6	33.8
92	18.4	13.9	20.9

Manual Integrations

APPROVED

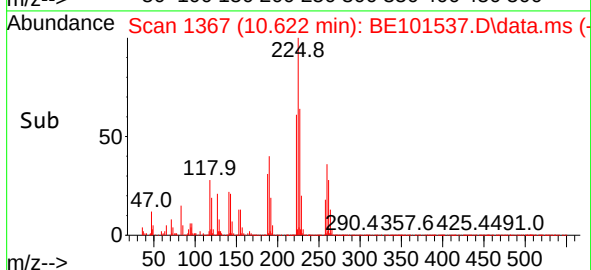
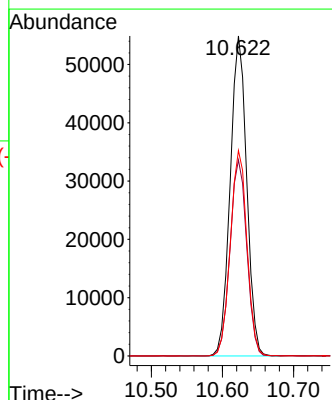
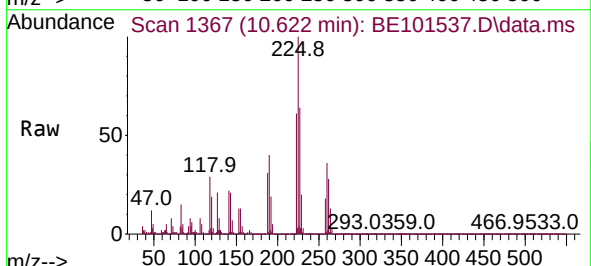
Reviewed By :Yogesh Patel 11/08/2024

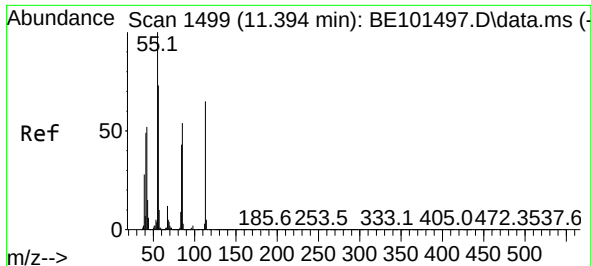
Supervised By :mohammad ahmed 11/08/2024



#34
Hexachlorobutadiene
Concen: 33.687 ng
RT: 10.622 min Scan# 1367
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

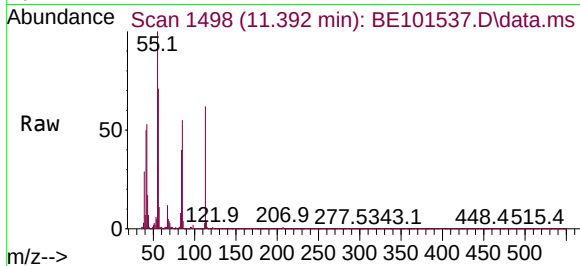
Tgt Ion:	225	Resp:	88365
Ion Ratio	Lower	Upper	
225	100		
223	61.3	51.0	76.6
227	64.2	51.0	76.6





#35
Caprolactam
Concen: 31.511 ng m
RT: 11.392 min Scan# 1499
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

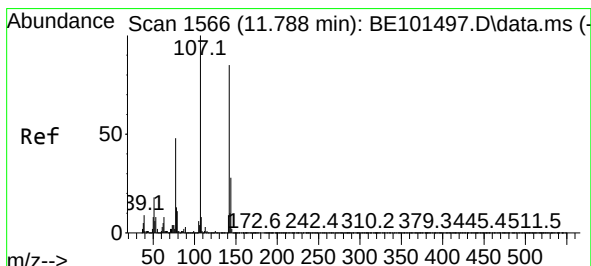
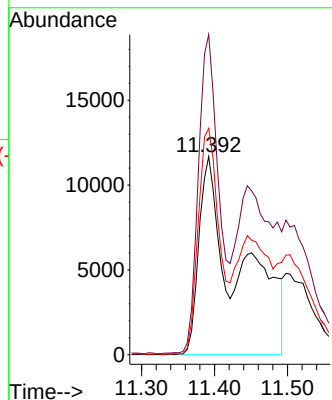
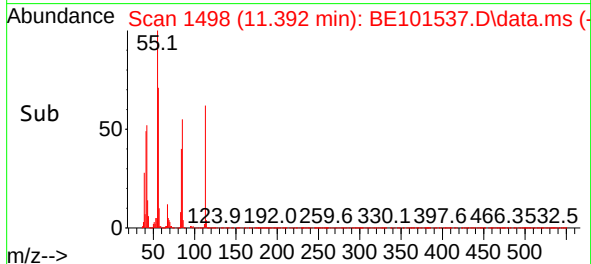
Instrument :
BNA_E
ClientSampleId :
BP-G5-WCMS



Tgt Ion:113 Resp: 4411
Ion Ratio Lower Upper
113 100
55 161.5 134.3 174.3
56 114.3 92.6 132.6

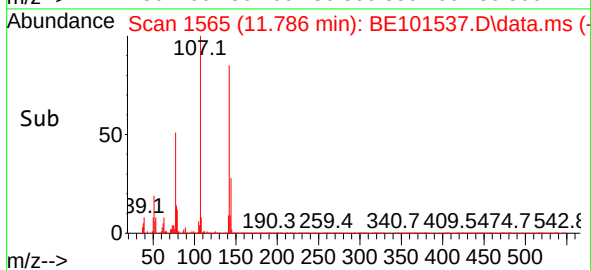
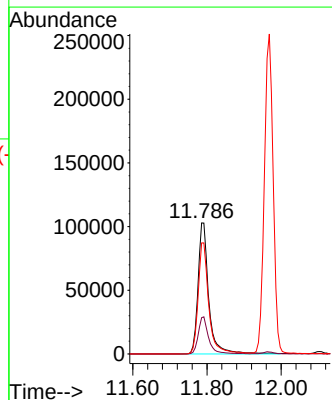
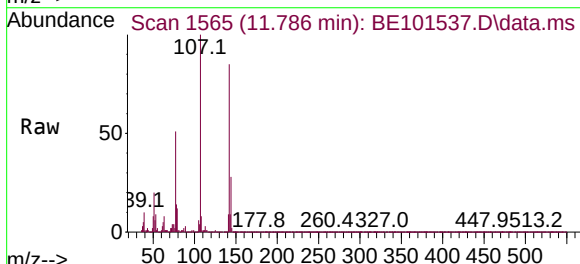
Manual Integrations
APPROVED

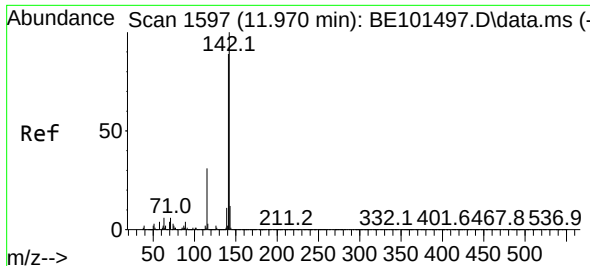
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024



#36
4-Chloro-3-methylphenol
Concen: 49.559 ng
RT: 11.786 min Scan# 1565
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion:107 Resp: 206320
Ion Ratio Lower Upper
107 100
144 27.7 22.4 33.6
142 84.8 68.2 102.2





#37
2-Methylnaphthalene
Concen: 43.510 ng
RT: 11.968 min Scan# 1596
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

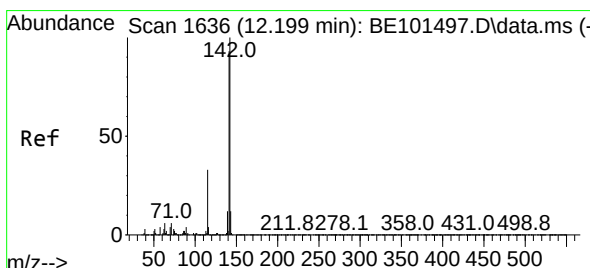
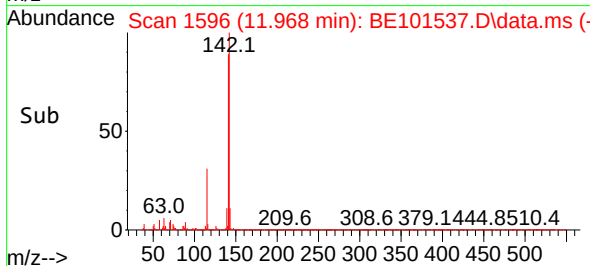
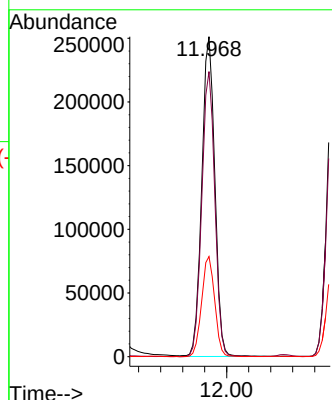
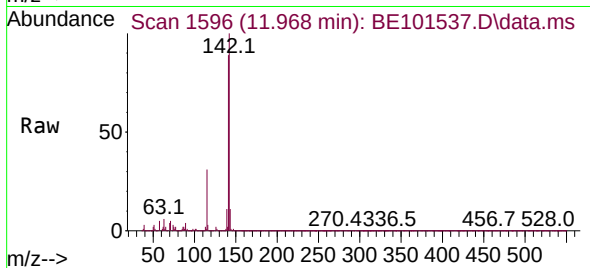
BP-G5-WCMS

Tgt Ion:142 Resp: 413219
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9
115 31.3 25.0 37.4

Manual Integrations

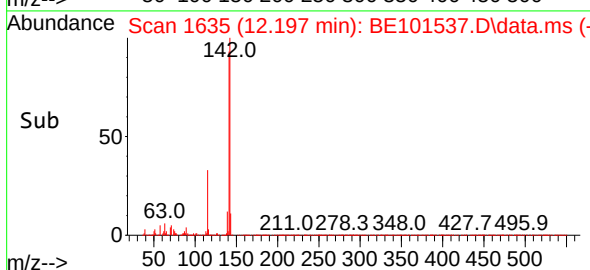
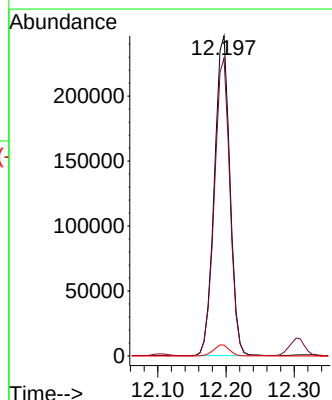
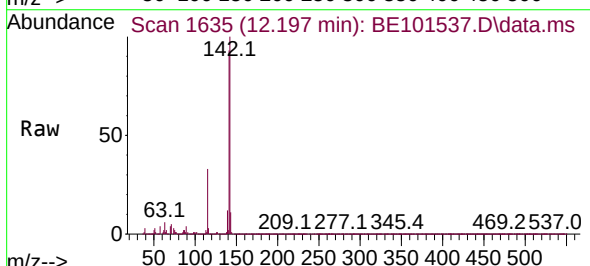
APPROVED

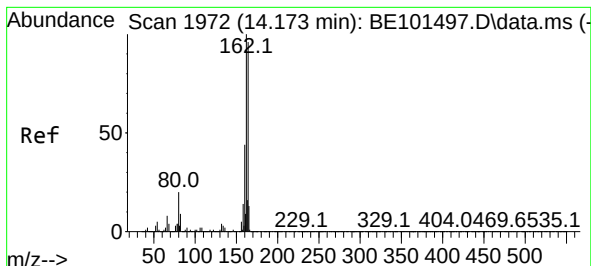
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024



#38
1-Methylnaphthalene
Concen: 41.317 ng
RT: 12.197 min Scan# 1635
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion:142 Resp: 391319
Ion Ratio Lower Upper
142 100
141 93.0 74.7 112.1
116 3.4 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.171 min Scan# 1972

Delta R.T. -0.002 min

Lab File: BE101537.D

Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

BP-G5-WCMS

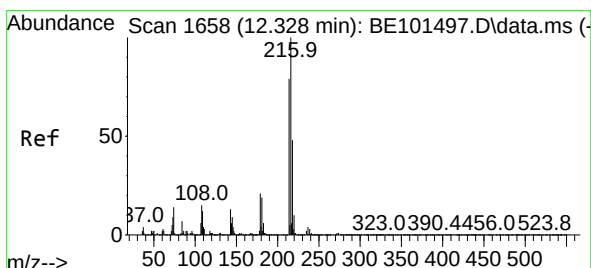
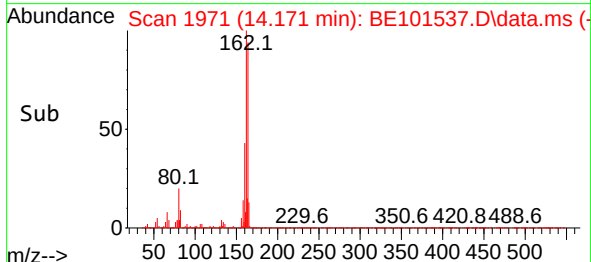
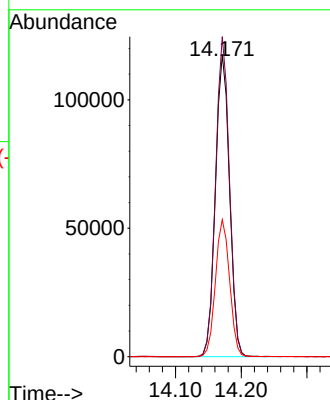
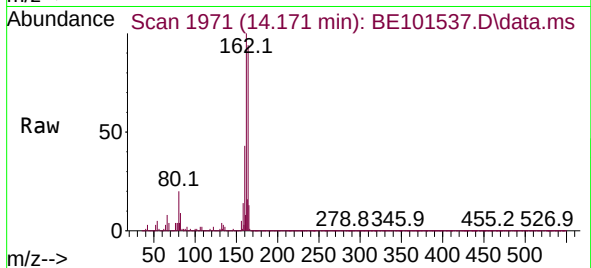
Tgt Ion:164	Resp: 174734
Ion Ratio	Lower Upper
164	100
162	106.0 83.7 125.5
160	45.3 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/08/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.736 ng

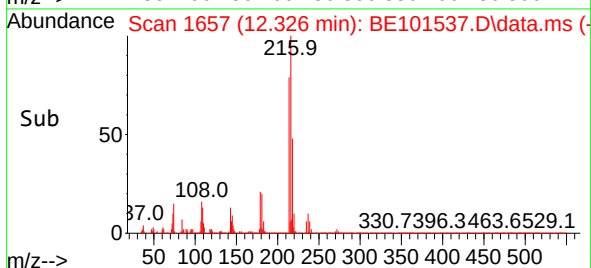
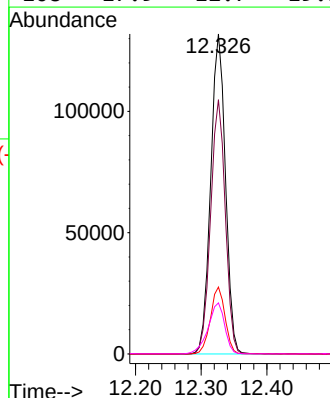
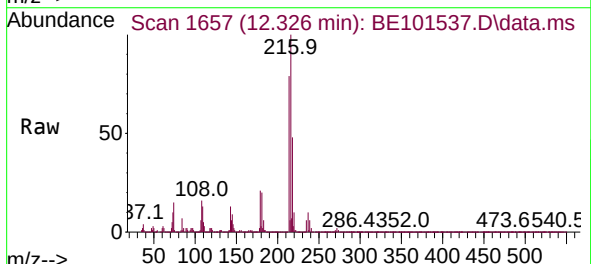
RT: 12.326 min Scan# 1657

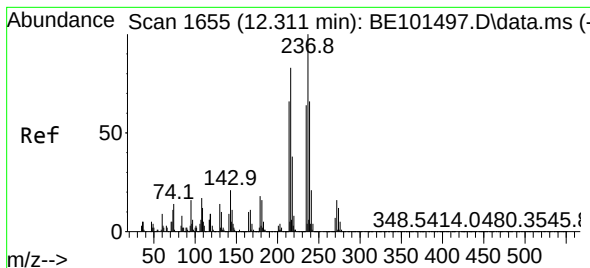
Delta R.T. -0.002 min

Lab File: BE101537.D

Acq: 7 Nov 2024 18:39

Tgt Ion:216	Resp: 206089
Ion Ratio	Lower Upper
216	100
214	79.1 62.6 93.8
179	20.7 16.4 24.6
108	17.9 12.7 19.1





#41

Hexachlorocyclopentadiene

Concen: 148.301 ng

RT: 12.303 min Scan# 1653

Delta R.T. -0.008 min

Lab File: BE101537.D

Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

BP-G5-WCMS

Tgt Ion:237 Resp: 199370

Ion Ratio Lower Upper

237 100

235 61.8 43.5 83.5

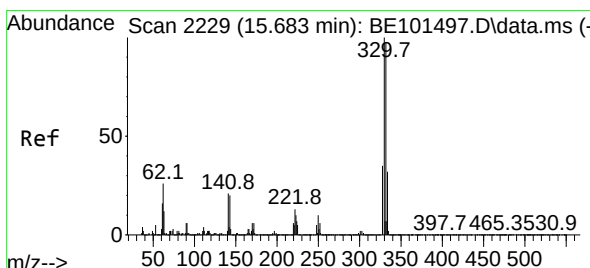
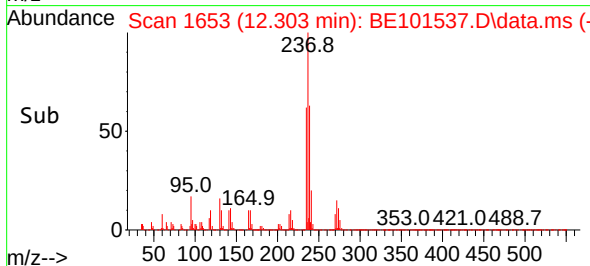
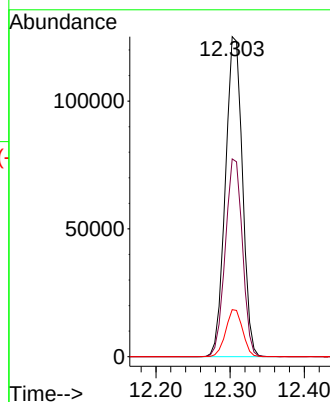
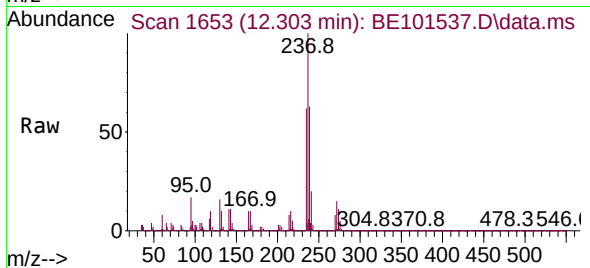
272 14.7 0.0 35.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/08/2024



#42

2,4,6-Tribromophenol

Concen: 146.249 ng

RT: 15.681 min Scan# 2228

Delta R.T. -0.002 min

Lab File: BE101537.D

Acq: 7 Nov 2024 18:39

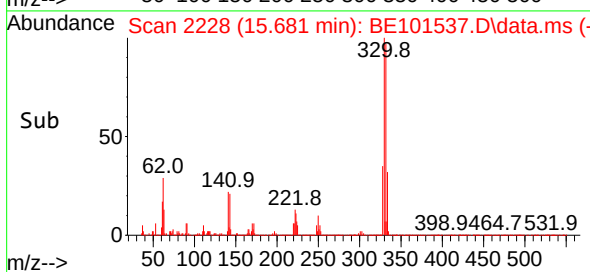
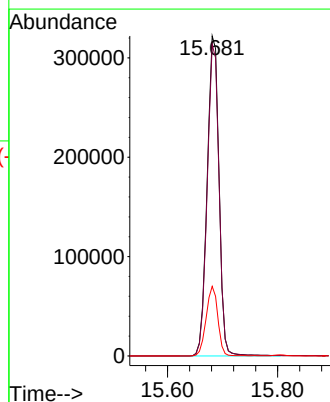
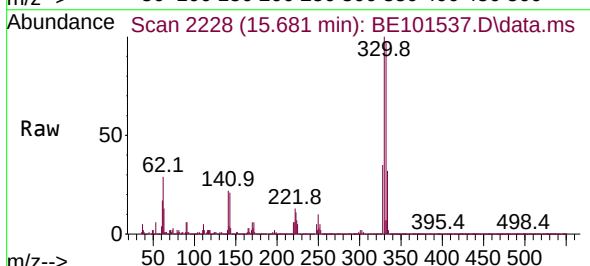
Tgt Ion:330 Resp: 480863

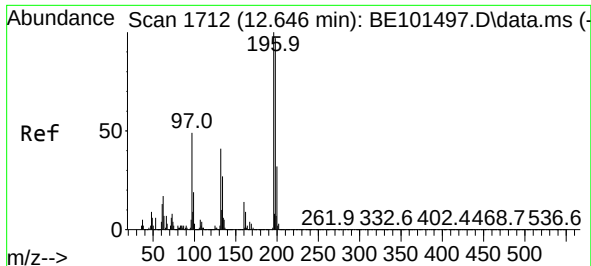
Ion Ratio Lower Upper

330 100

332 97.3 77.7 116.5

141 21.4 17.0 25.4





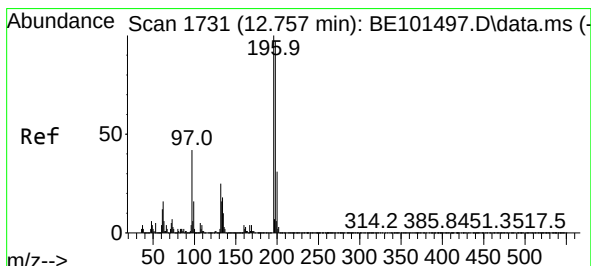
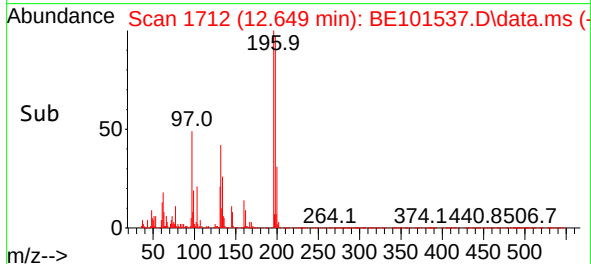
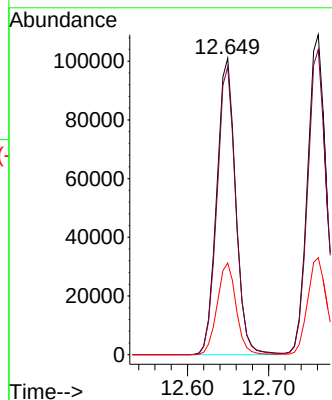
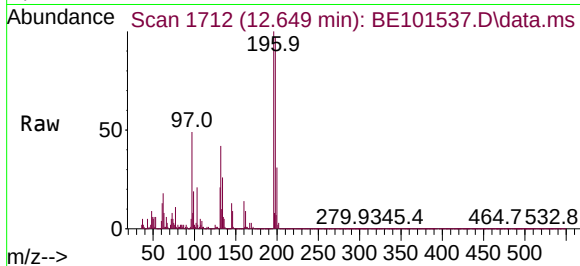
#43
2,4,6-Trichlorophenol
Concen: 51.673 ng
RT: 12.649 min Scan# 1712
Delta R.T. 0.004 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :
BNA_E
ClientSampleId :
BP-G5-WCMS

Tgt Ion:196 Resp: 163484
Ion Ratio Lower Upper
196 100
198 97.1 77.7 116.5
200 30.9 25.3 37.9

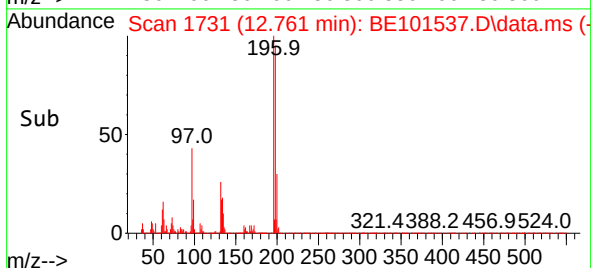
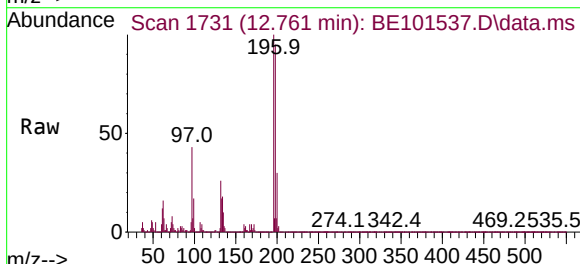
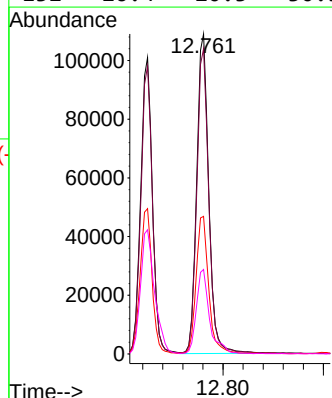
Manual Integrations
APPROVED

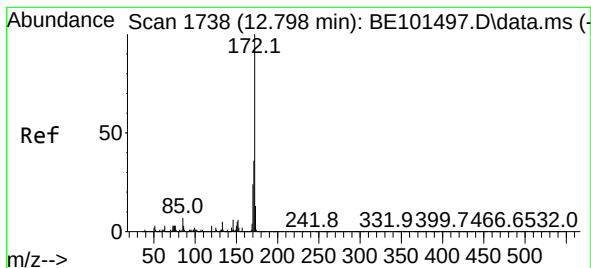
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024



#44
2,4,5-Trichlorophenol
Concen: 51.489 ng
RT: 12.761 min Scan# 1731
Delta R.T. 0.004 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion:196 Resp: 181484
Ion Ratio Lower Upper
196 100
198 95.4 77.3 115.9
97 43.0 33.4 50.0
132 26.4 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 98.230 ng
RT: 12.796 min Scan# 1738
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

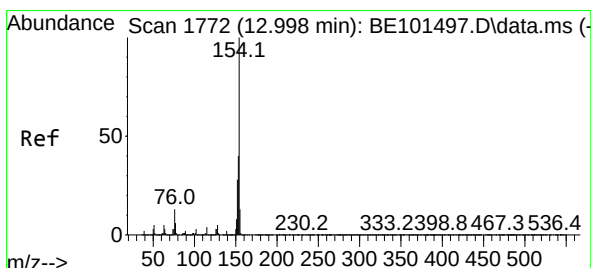
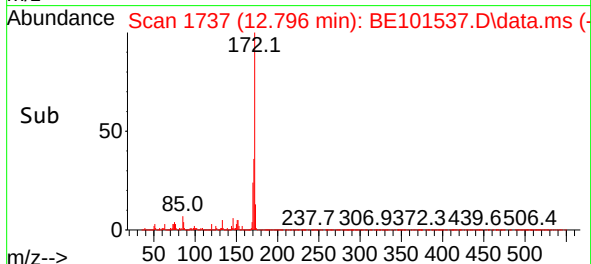
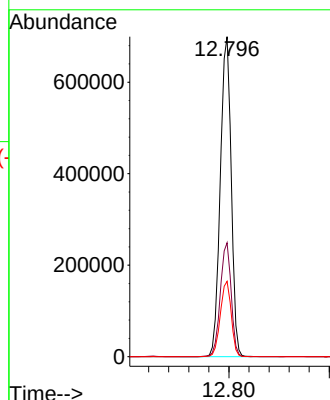
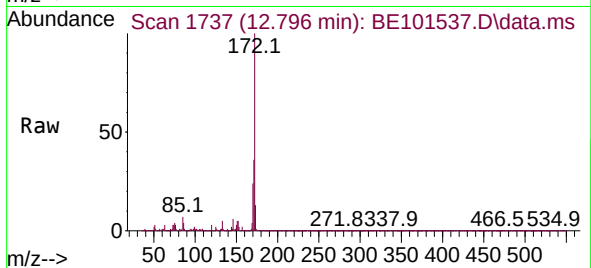
BP-G5-WCMS

Tgt Ion:172 Resp: 105120
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.5 18.9 28.3

Manual Integrations

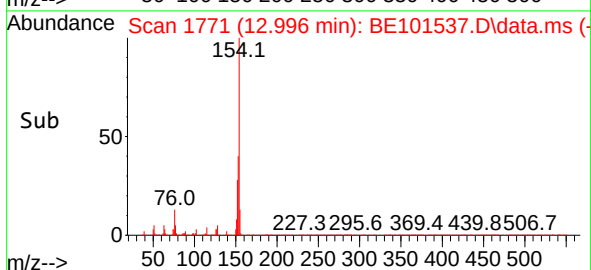
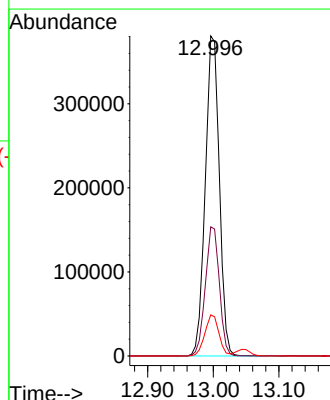
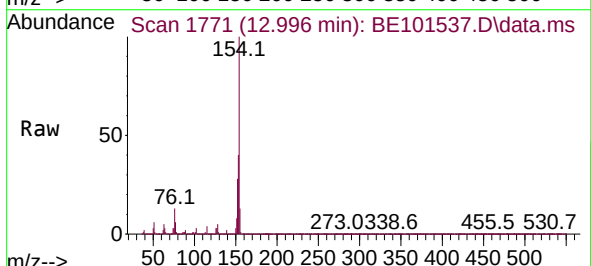
APPROVED

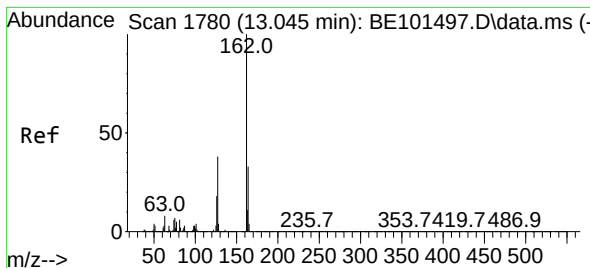
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024



#46
1,1'-Biphenyl
Concen: 47.059 ng
RT: 12.996 min Scan# 1771
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion:154 Resp: 567198
Ion Ratio Lower Upper
154 100
153 40.4 19.7 59.7
76 12.8 0.0 33.0





#47
2-Chloronaphthalene
Concen: 45.880 ng
RT: 13.049 min Scan# 11
Delta R.T. 0.004 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

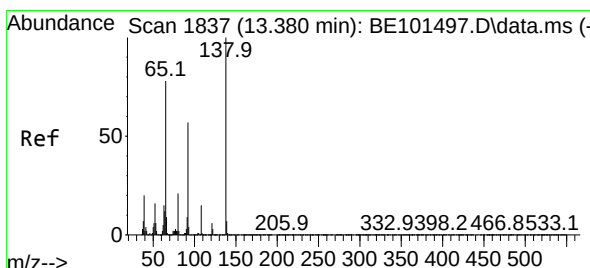
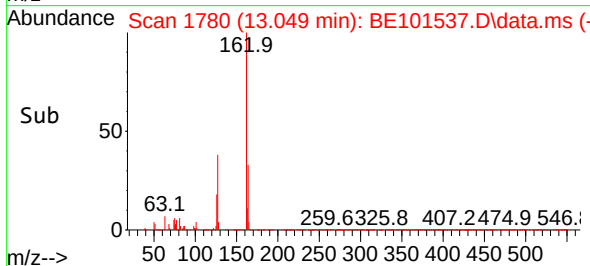
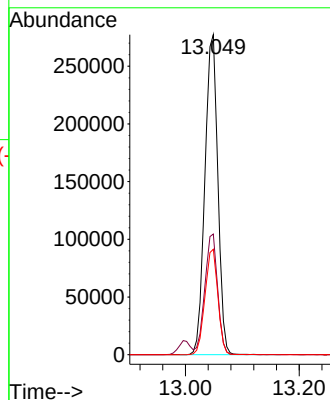
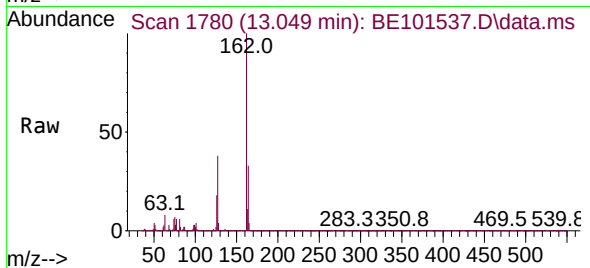
ClientSampleId :

BP-G5-WCMS

Tgt Ion:162 Resp: 436158
Ion Ratio Lower Upper
162 100
127 37.7 30.2 45.4
164 33.0 26.4 39.6

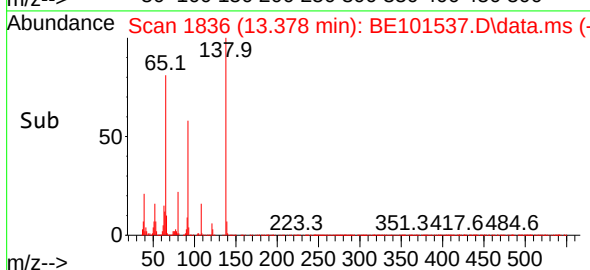
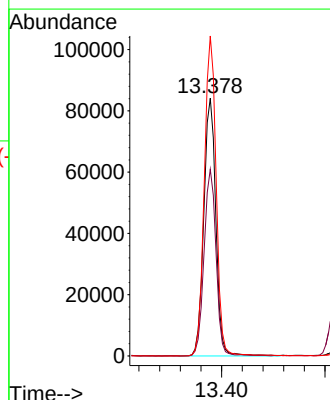
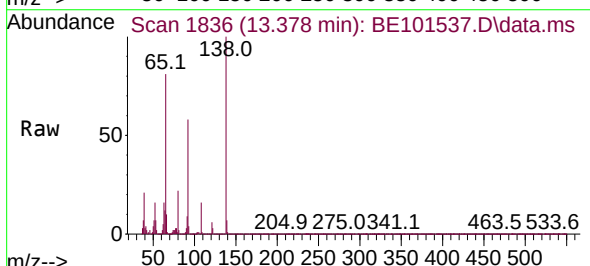
Manual Integrations
APPROVED

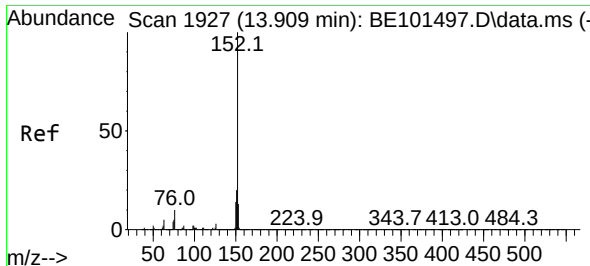
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024



#48
2-Nitroaniline
Concen: 54.021 ng
RT: 13.378 min Scan# 1836
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion: 65 Resp: 135939
Ion Ratio Lower Upper
65 100
92 72.5 58.9 88.3
138 124.2 103.0 154.6





#49
Acenaphthylene
Concen: 52.164 ng
RT: 13.907 min Scan# 1927
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

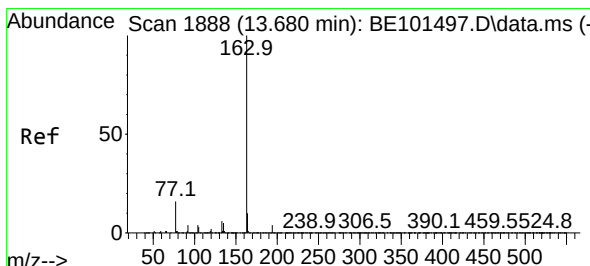
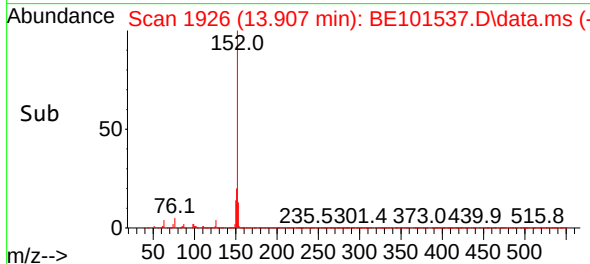
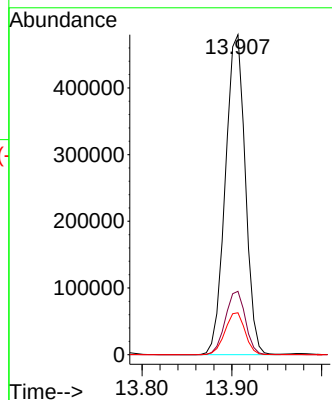
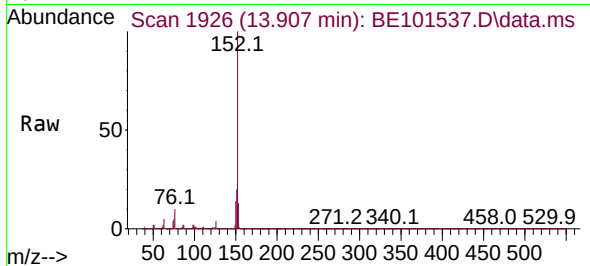
ClientSampleId :

BP-G5-WCMS

Tgt Ion:152 Resp: 73898
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.1 10.3 15.5

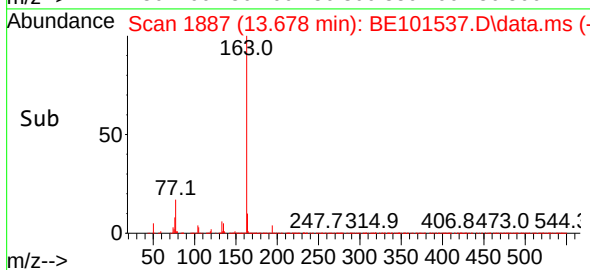
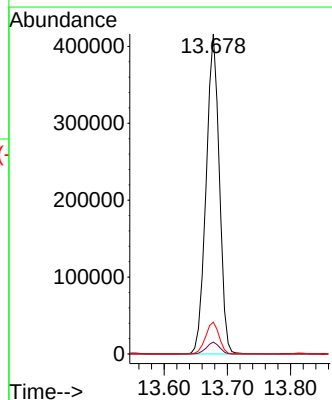
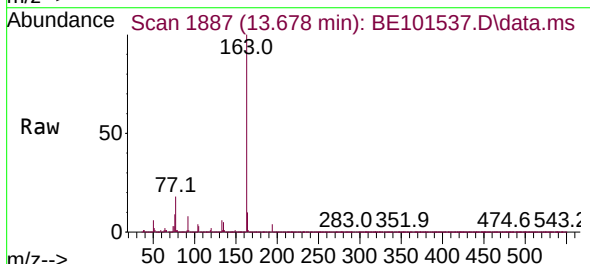
Manual Integrations
APPROVED

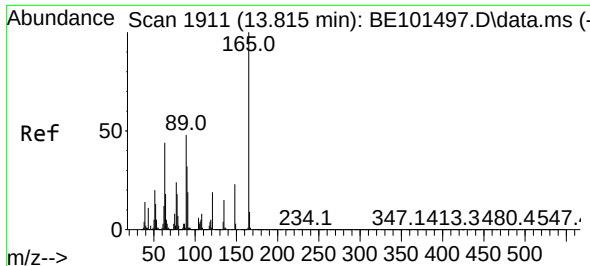
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024



#50
Dimethylphthalate
Concen: 48.319 ng
RT: 13.678 min Scan# 1887
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion:163 Resp: 601220
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 46.747 ng
RT: 13.813 min Scan# 1911
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

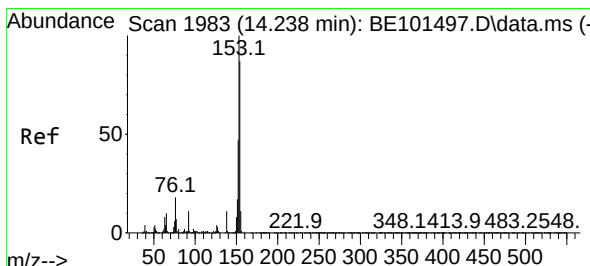
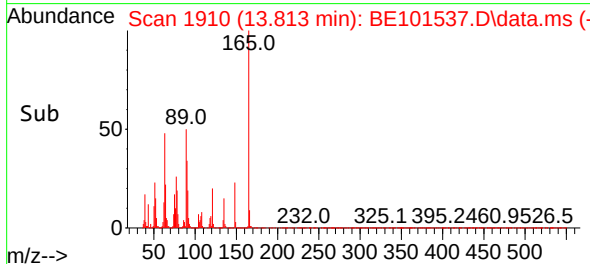
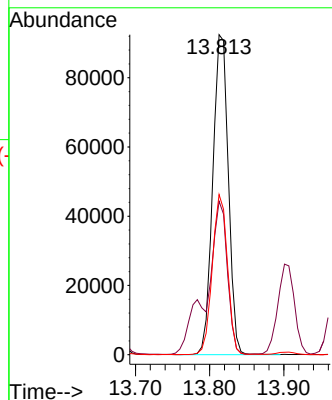
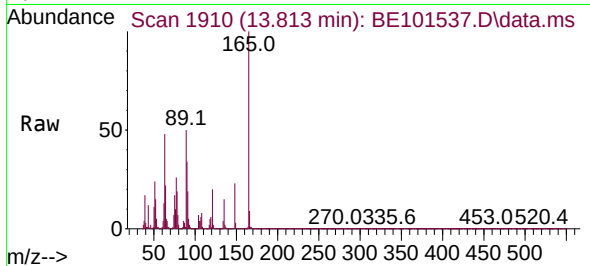
ClientSampleId :

BP-G5-WCMS

Tgt Ion:165 Resp: 134252
Ion Ratio Lower Upper
165 100
63 47.9 37.2 55.8
89 50.1 38.4 57.6

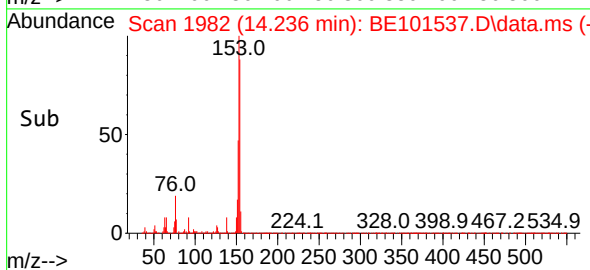
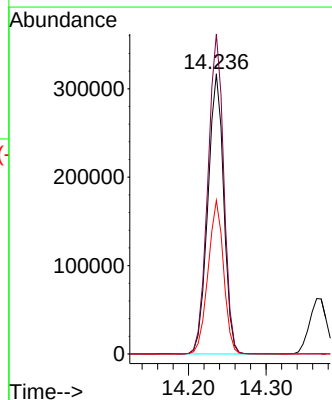
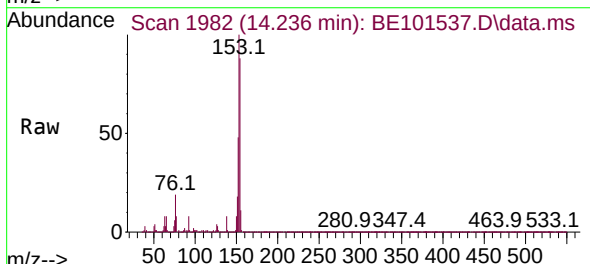
Manual Integrations
APPROVED

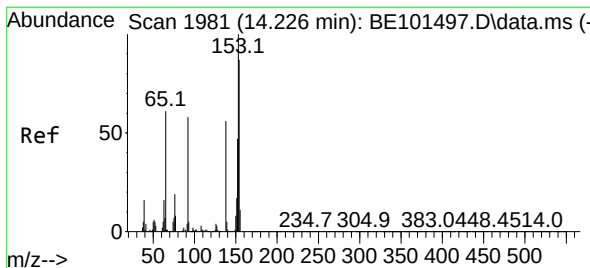
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024



#52
Acenaphthene
Concen: 49.719 ng
RT: 14.236 min Scan# 1982
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion:154 Resp: 449475
Ion Ratio Lower Upper
154 100
153 114.2 92.3 138.5
152 54.8 43.6 65.4





#53
3-Nitroaniline
Concen: 29.714 ng
RT: 14.224 min Scan# 1981
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

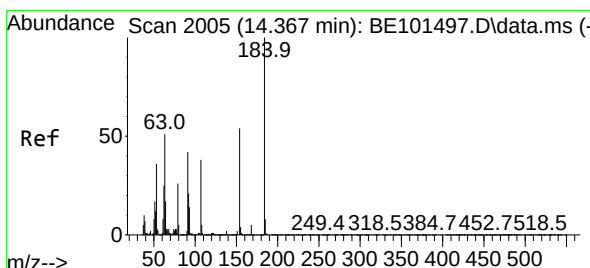
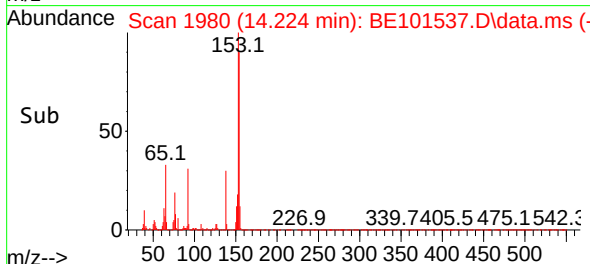
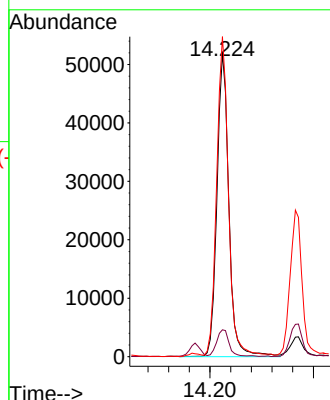
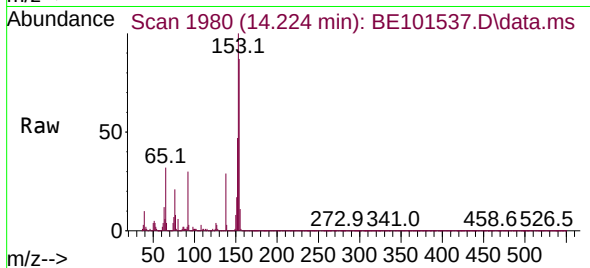
BP-G5-WCMS

Tgt Ion:138 Resp: 8284
Ion Ratio Lower Upper
138 100
108 8.8 7.2 10.8
92 105.5 83.0 124.4

Manual Integrations

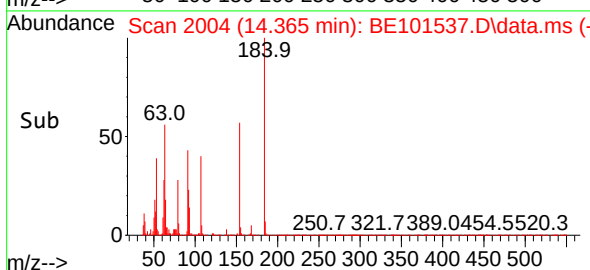
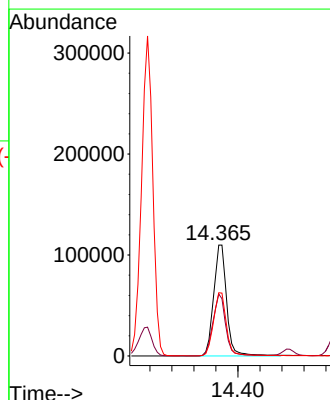
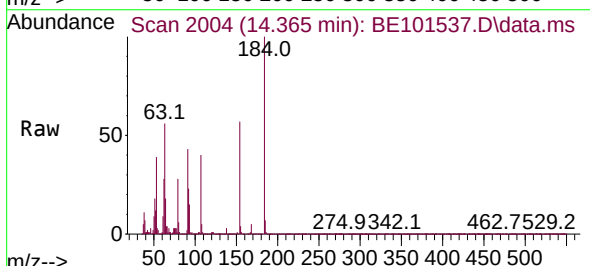
APPROVED

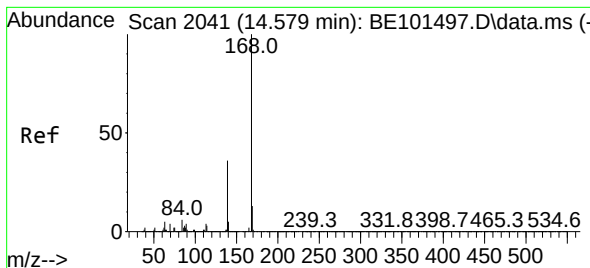
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024



#54
2,4-Dinitrophenol
Concen: 107.060 ng
RT: 14.365 min Scan# 2004
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion:184 Resp: 180178
Ion Ratio Lower Upper
184 100
63 55.9 41.0 61.4
154 57.0 43.2 64.8





#55
Dibenzenofuran
Concen: 49.932 ng
RT: 14.577 min Scan# 2040
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

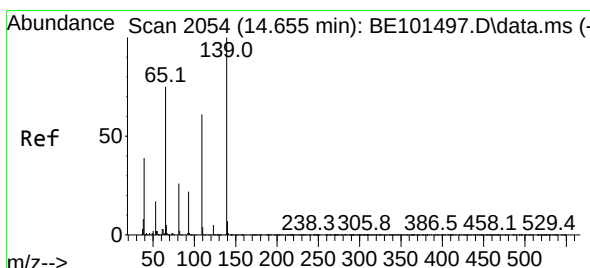
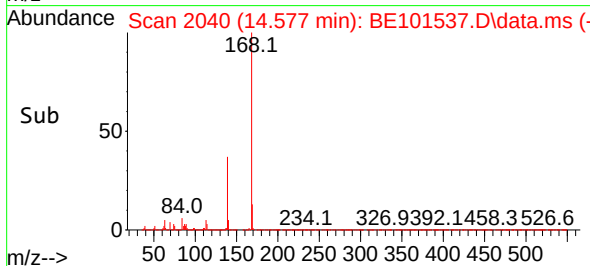
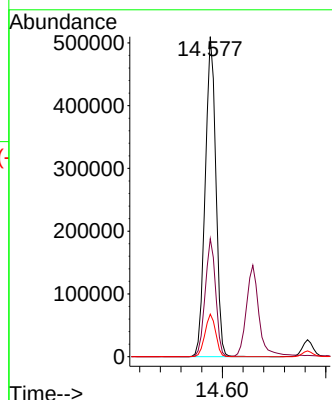
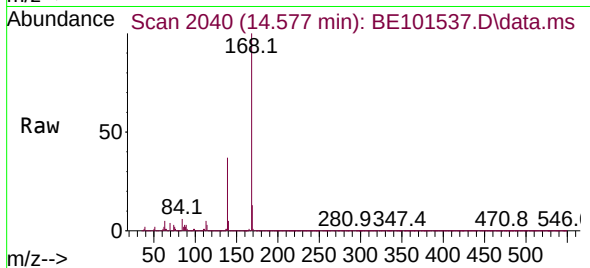
BP-G5-WCMS

Tgt Ion:168 Resp: 726894
Ion Ratio Lower Upper
168 100
139 36.8 29.1 43.7
169 13.3 10.6 16.0

Manual Integrations

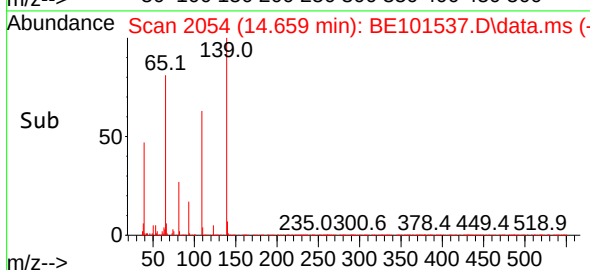
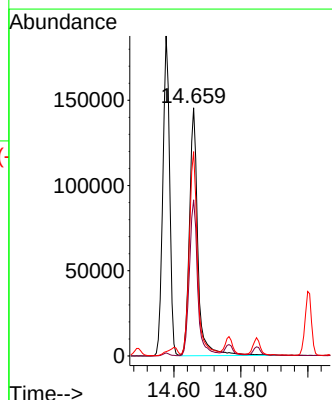
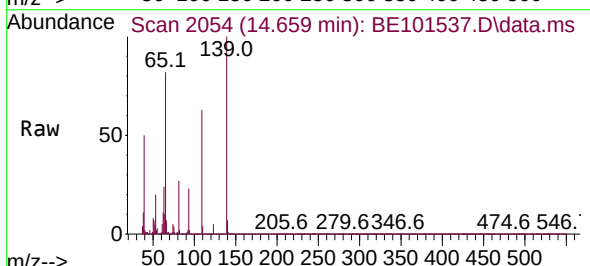
APPROVED

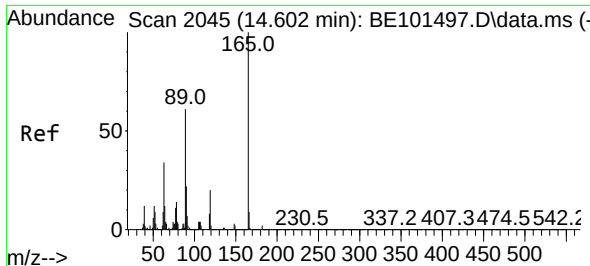
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024



#56
4-Nitrophenol
Concen: 110.361 ng
RT: 14.659 min Scan# 2054
Delta R.T. 0.004 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion:139 Resp: 254074
Ion Ratio Lower Upper
139 100
109 62.9 40.7 80.7
65 82.3 58.0 98.0





#57
2,4-Dinitrotoluene
Concen: 49.711 ng
RT: 14.600 min Scan# 2045
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

BP-G5-WCMS

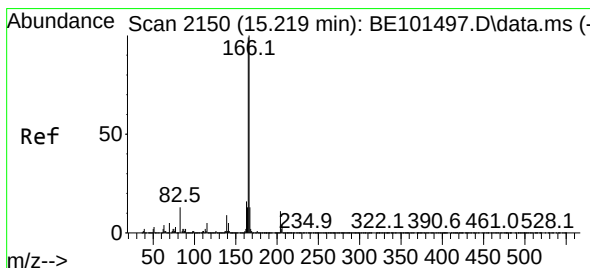
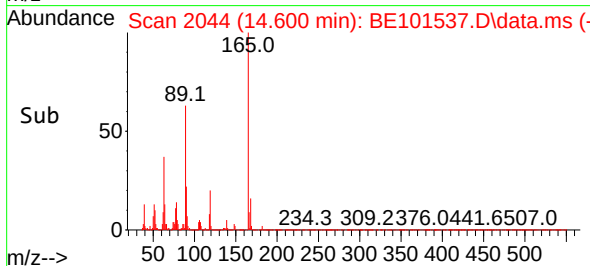
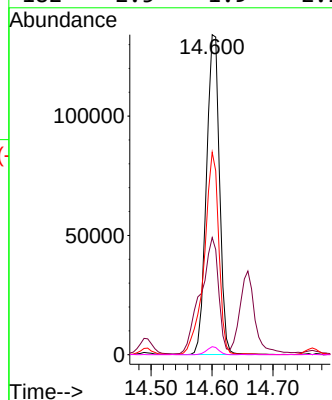
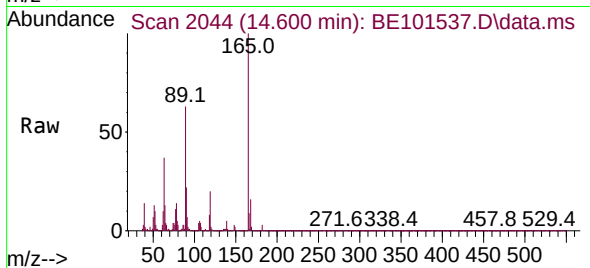
Tgt Ion:165 Resp: 20056
Ion Ratio Lower Upper
165 100
63 36.6 27.8 41.8
89 63.3 49.5 74.3
182 2.5 1.9 2.9

Manual Integrations

APPROVED

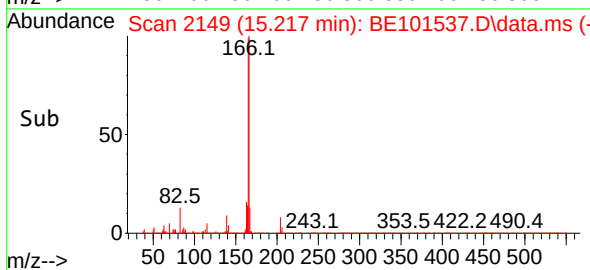
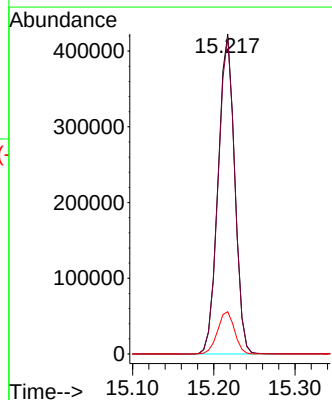
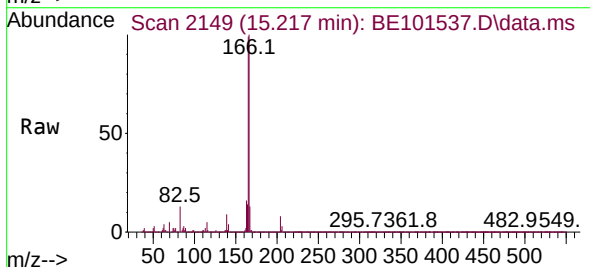
Reviewed By :Yogesh Patel 11/08/2024

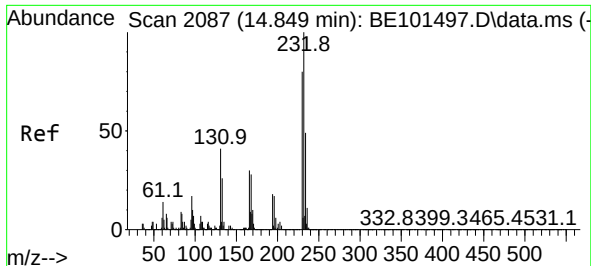
Supervised By :mohammad ahmed 11/08/2024



#58
Fluorene
Concen: 49.352 ng
RT: 15.217 min Scan# 2149
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion:166 Resp: 599592
Ion Ratio Lower Upper
166 100
165 99.1 79.0 118.4
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.679 ng
RT: 14.847 min Scan# 2087
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

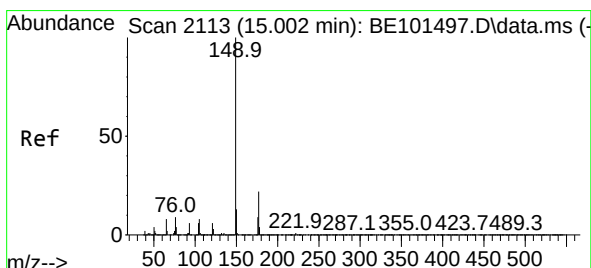
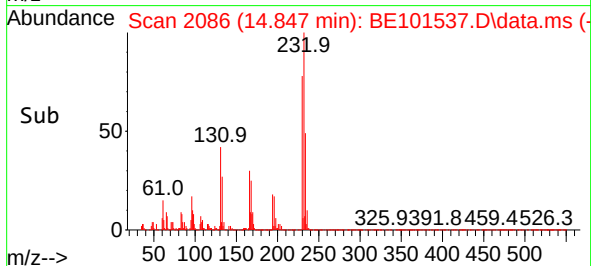
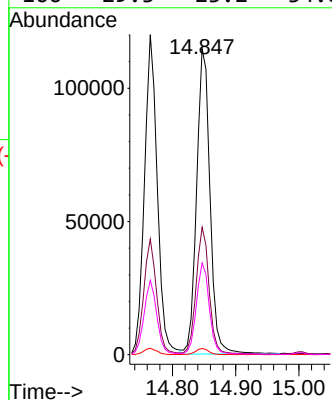
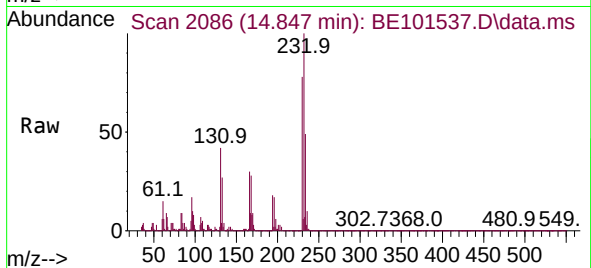
BP-G5-WCMS

Tgt Ion:232 Resp: 168550
Ion Ratio Lower Upper
232 100
131 40.7 32.2 48.4
130 1.9 1.5 2.3
166 29.3 23.2 34.8

Manual Integrations

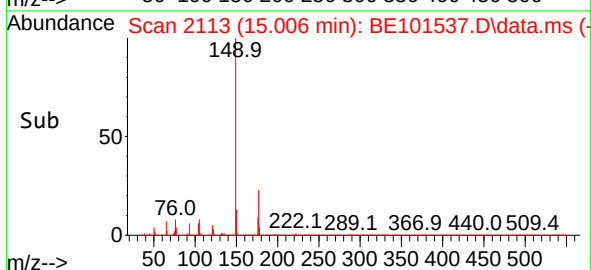
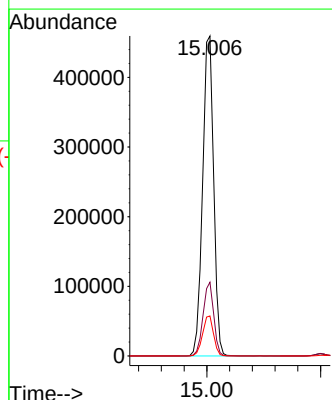
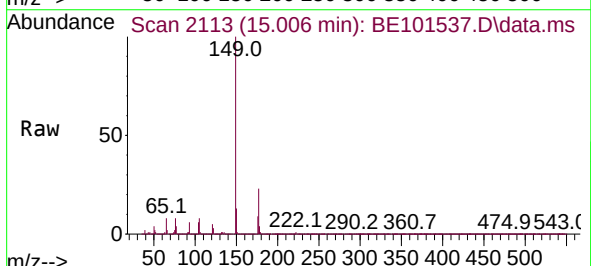
APPROVED

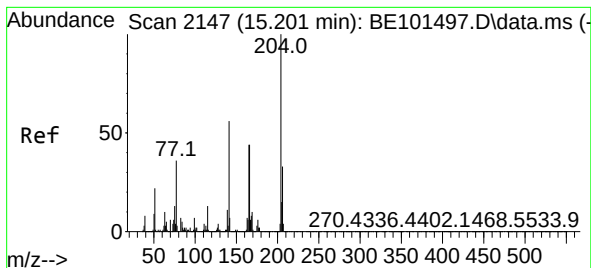
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024



#60
Diethylphthalate
Concen: 47.156 ng
RT: 15.006 min Scan# 2113
Delta R.T. 0.004 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion:149 Resp: 618666
Ion Ratio Lower Upper
149 100
177 23.0 17.9 26.9
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 47.669 ng
RT: 15.199 min Scan# 2146
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

BP-G5-WCMS

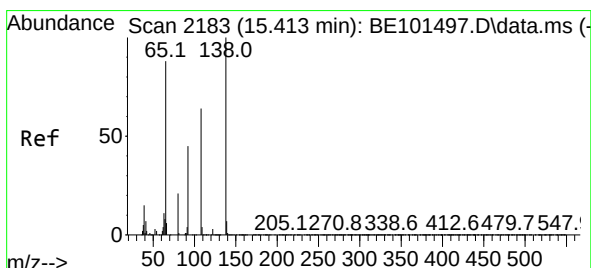
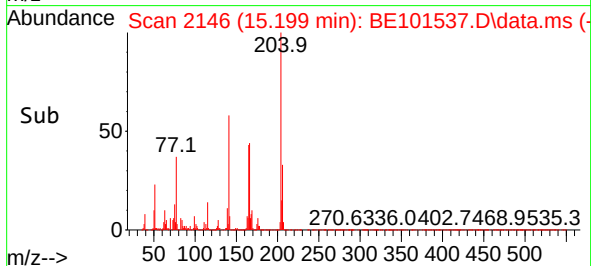
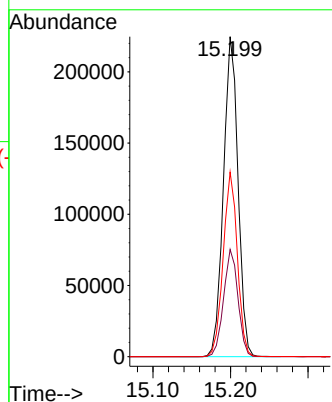
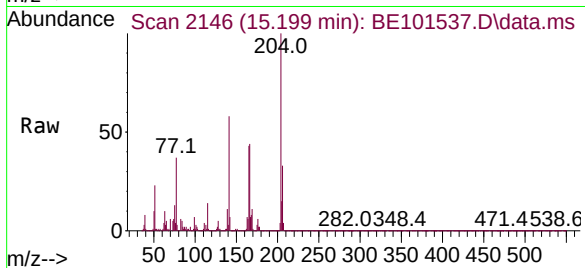
Tgt Ion:204 Resp: 294089
Ion Ratio Lower Upper
204 100
206 33.5 26.7 40.1
141 57.7 44.8 67.2

Manual Integrations

APPROVED

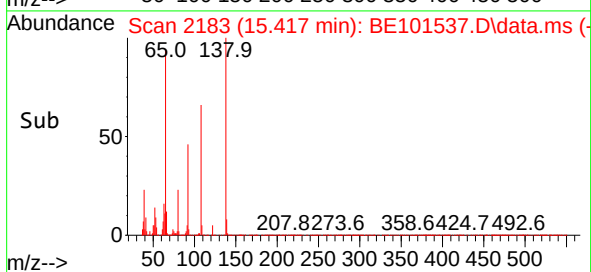
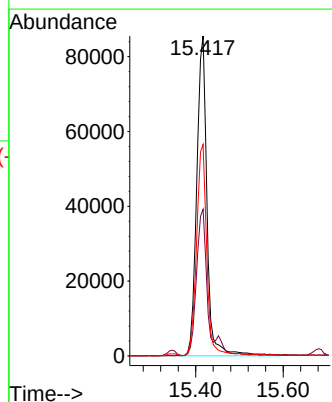
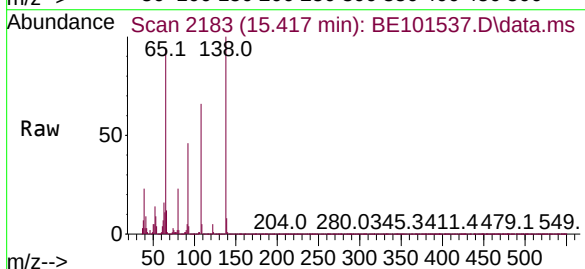
Reviewed By :Yogesh Patel 11/08/2024

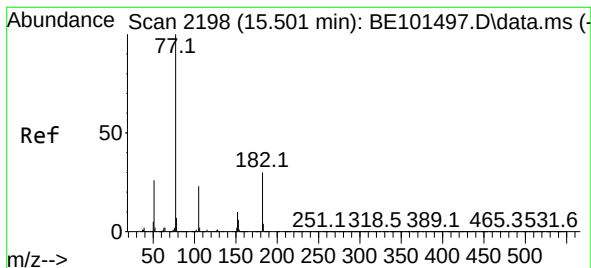
Supervised By :mohammad ahmed 11/08/2024



#62
4-Nitroaniline
Concen: 46.697 ng
RT: 15.417 min Scan# 2183
Delta R.T. 0.004 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion:138 Resp: 140267
Ion Ratio Lower Upper
138 100
92 45.8 25.7 65.7
108 66.1 44.4 84.4





#63

Azobenzene

Concen: 50.494 ng

RT: 15.499 min Scan# 2198

Delta R.T. -0.002 min

Lab File: BE101537.D

Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

BP-G5-WCMS

Tgt Ion: 77 Resp: 54045

Ion Ratio Lower Upper

77 100

182 28.3 9.1 49.1

105 22.7 3.2 43.2

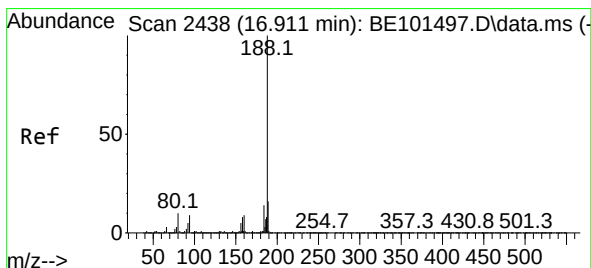
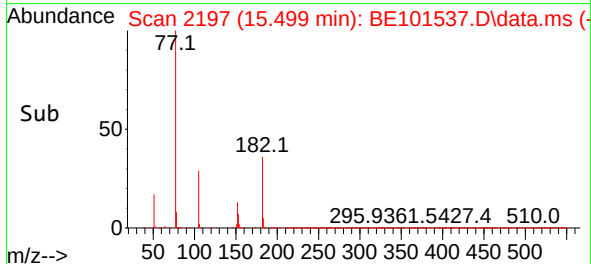
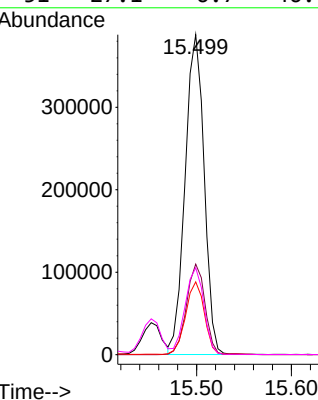
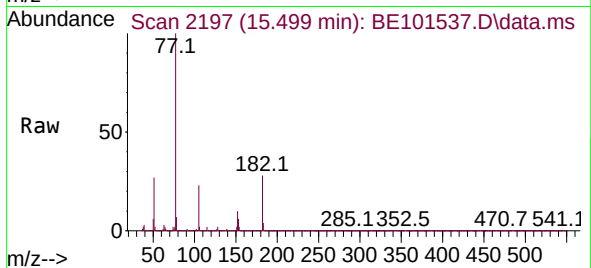
51 27.1 6.7 46.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/08/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.909 min Scan# 2437

Delta R.T. -0.002 min

Lab File: BE101537.D

Acq: 7 Nov 2024 18:39

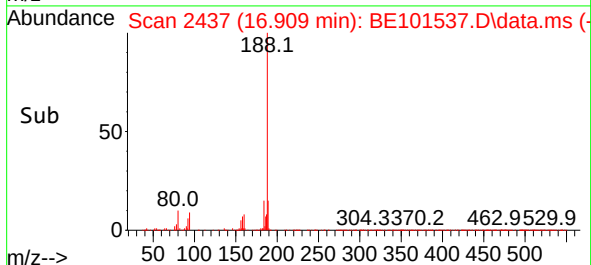
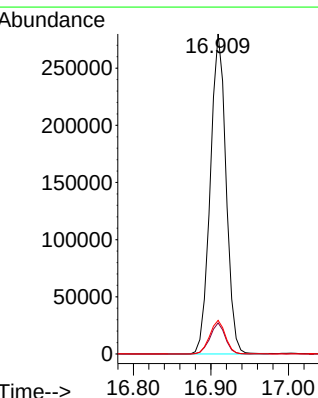
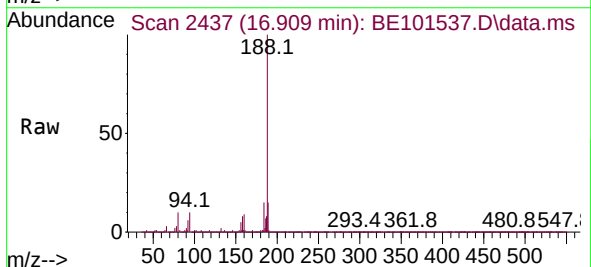
Tgt Ion:188 Resp: 396924

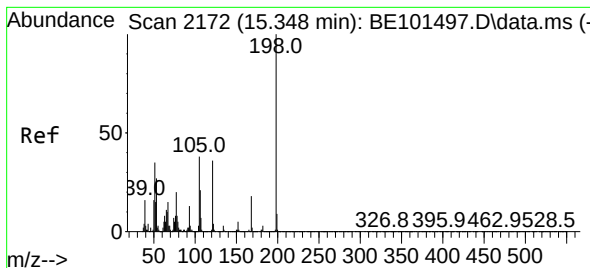
Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.2

80 10.5 8.0 12.0





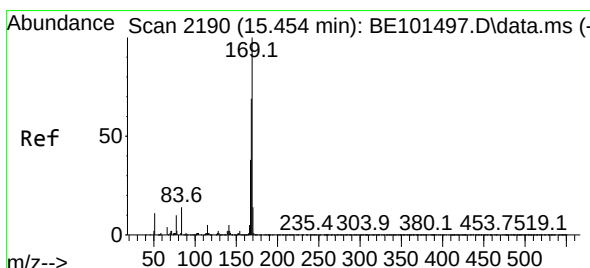
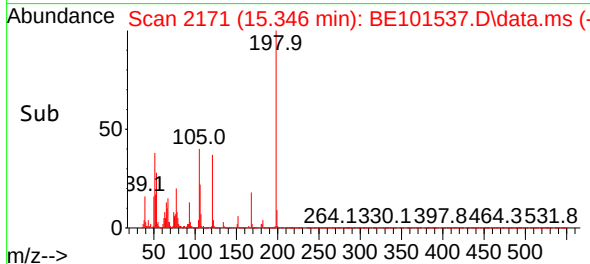
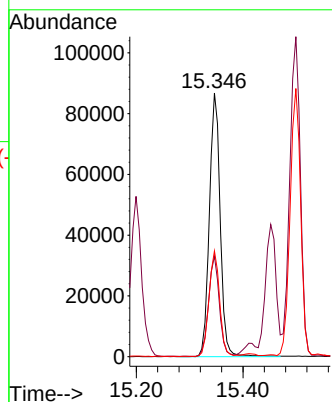
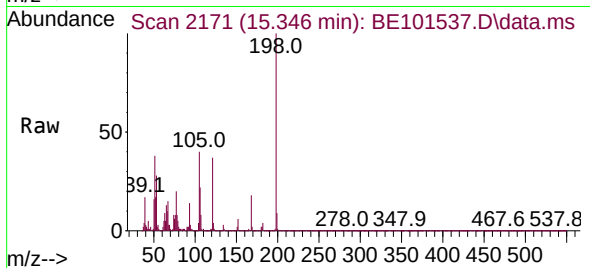
#65
4,6-Dinitro-2-methylphenol
Concen: 51.823 ng
RT: 15.346 min Scan# 2172
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :
BNA_E
ClientSampleId :
BP-G5-WCMS

Tgt Ion:198 Resp: 122104
Ion Ratio Lower Upper
198 100
51 38.2 15.3 55.3
105 40.1 18.5 58.5

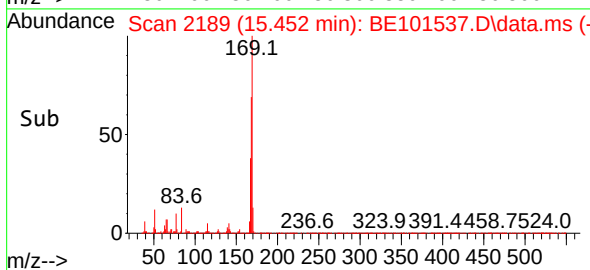
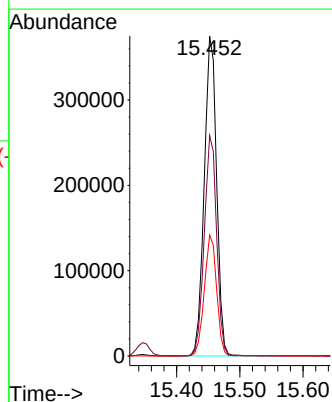
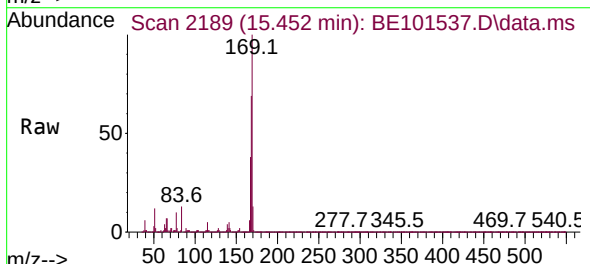
Manual Integrations
APPROVED

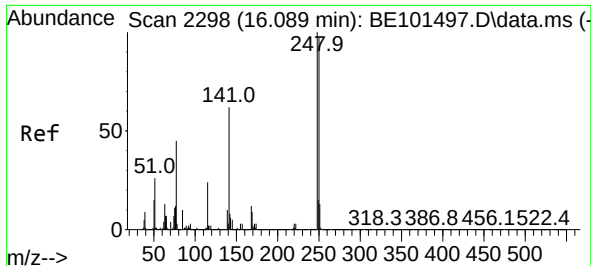
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024



#66
n-Nitrosodiphenylamine
Concen: 48.451 ng
RT: 15.452 min Scan# 2189
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion:169 Resp: 510369
Ion Ratio Lower Upper
169 100
168 68.9 55.5 83.3
167 37.8 30.4 45.6





#67
4-Bromophenyl-phenylether
Concen: 48.648 ng
RT: 16.087 min Scan# 212970
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

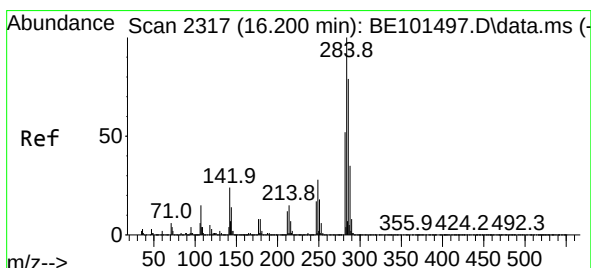
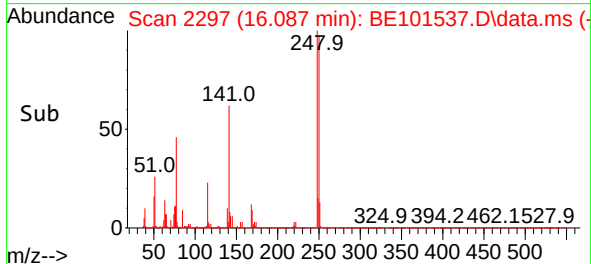
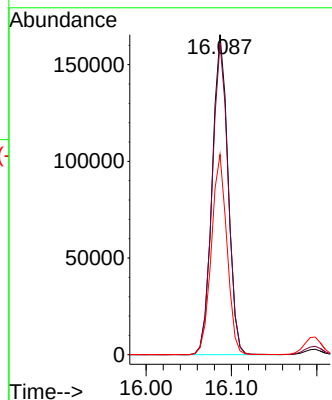
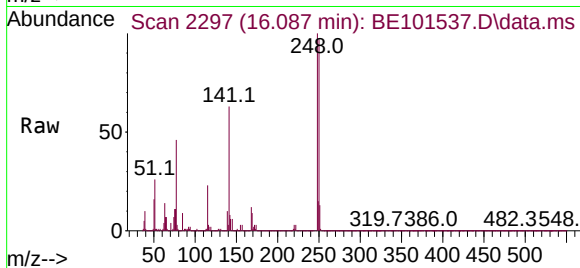
BP-G5-WCMS

Tgt Ion:248 Resp: 212970
Ion Ratio Lower Upper
248 100
250 97.4 78.0 117.0
141 62.5 50.0 75.0

Manual Integrations

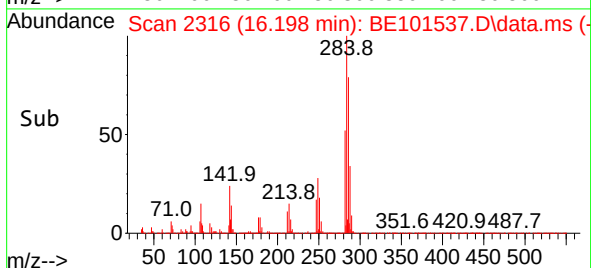
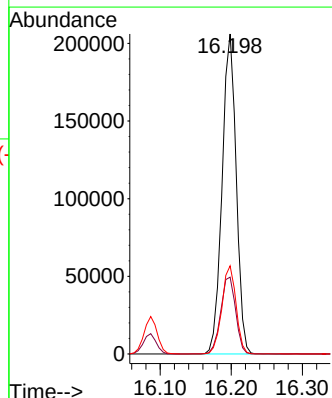
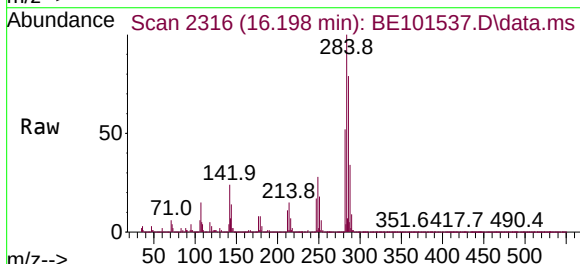
APPROVED

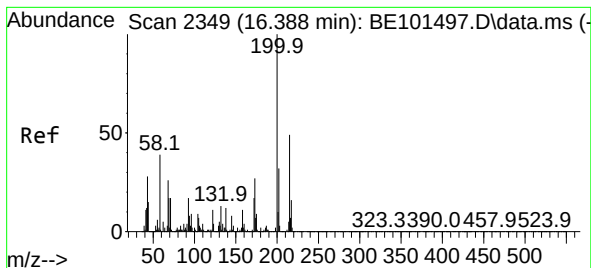
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024



#68
Hexachlorobenzene
Concen: 49.065 ng
RT: 16.198 min Scan# 2316
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion:284 Resp: 282686
Ion Ratio Lower Upper
284 100
142 24.0 19.4 29.2
249 27.6 22.4 33.6





#69

Atrazine

Concen: 46.956 ng

RT: 16.386 min Scan# 21

Delta R.T. -0.002 min

Lab File: BE101537.D

Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

BP-G5-WCMS

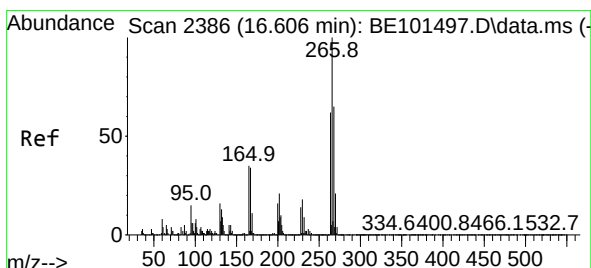
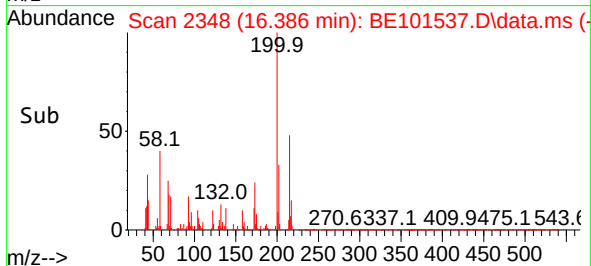
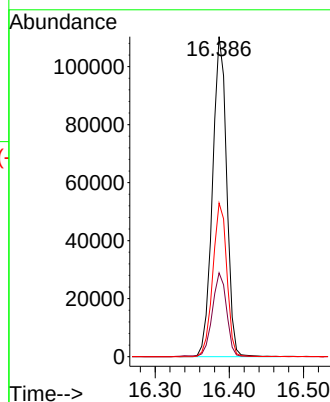
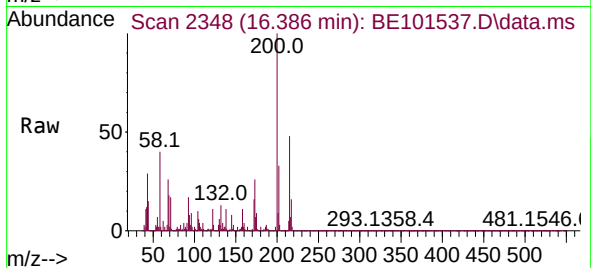
Tgt Ion:200 Resp: 146029
 Ion Ratio Lower Upper
 200 100
 173 26.2 7.4 47.4
 215 48.0 28.9 68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/08/2024



#70

Pentachlorophenol

Concen: 108.045 ng

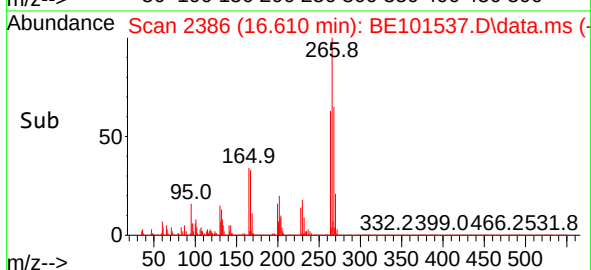
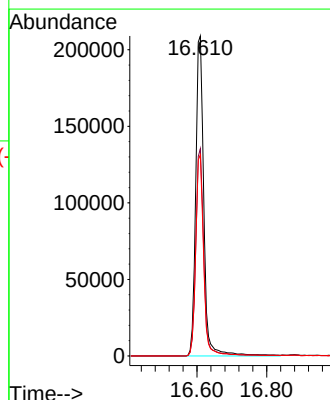
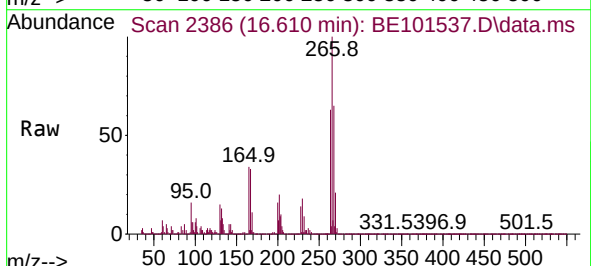
RT: 16.610 min Scan# 2386

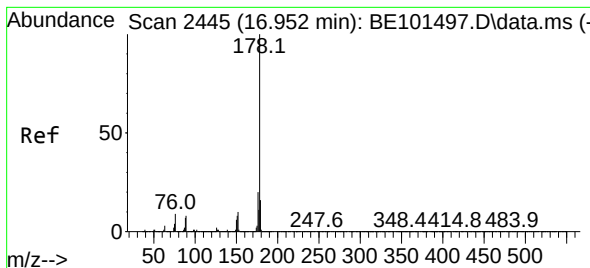
Delta R.T. 0.004 min

Lab File: BE101537.D

Acq: 7 Nov 2024 18:39

Tgt Ion:266 Resp: 337760
 Ion Ratio Lower Upper
 266 100
 268 64.8 52.0 78.0
 264 62.9 49.6 74.4





#71

Phenanthrene

Concen: 51.926 ng

RT: 16.950 min Scan# 2445

Delta R.T. -0.002 min

Lab File: BE101537.D

Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

BP-G5-WCMS

Tgt Ion:178 Resp: 100243

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

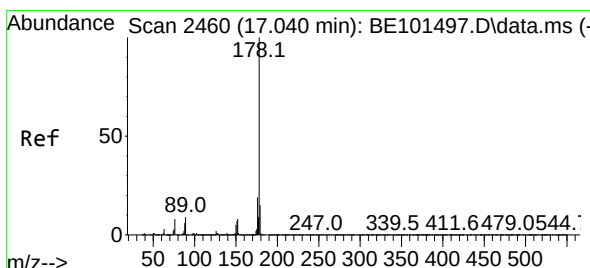
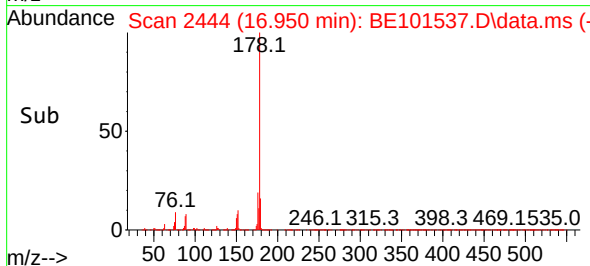
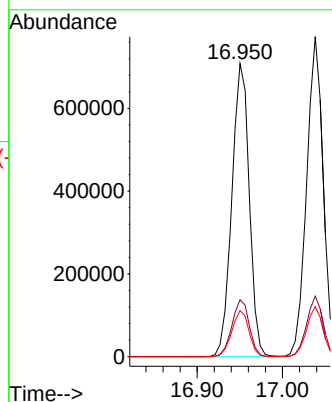
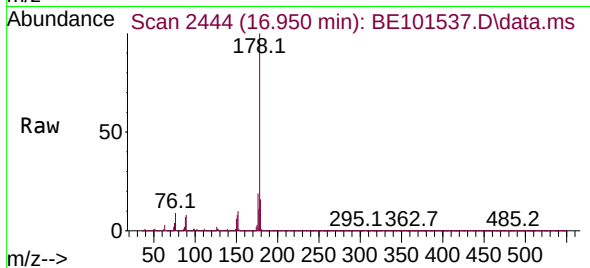
179 15.7 12.6 19.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/08/2024



#72

Anthracene

Concen: 54.537 ng

RT: 17.038 min Scan# 2459

Delta R.T. -0.002 min

Lab File: BE101537.D

Acq: 7 Nov 2024 18:39

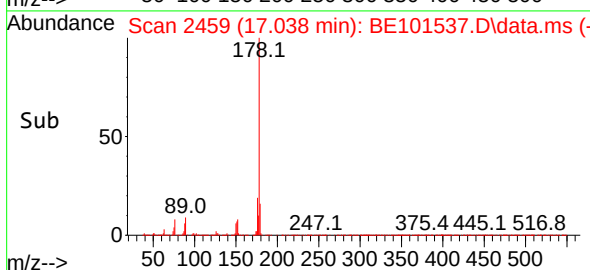
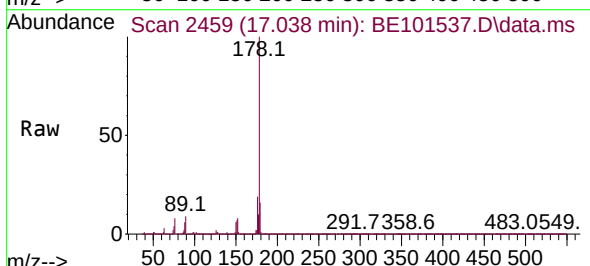
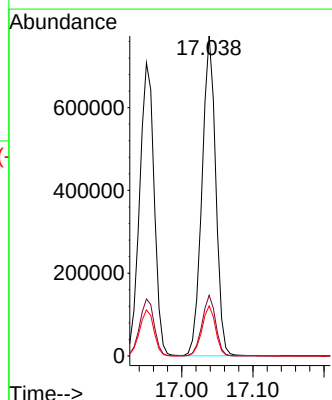
Tgt Ion:178 Resp: 1039726

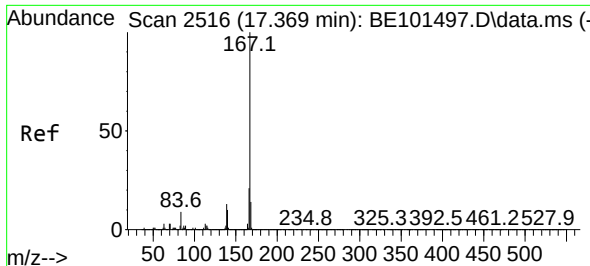
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 49.696 ng
 RT: 17.367 min Scan# 2516
 Delta R.T. -0.002 min
 Lab File: BE101537.D
 Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

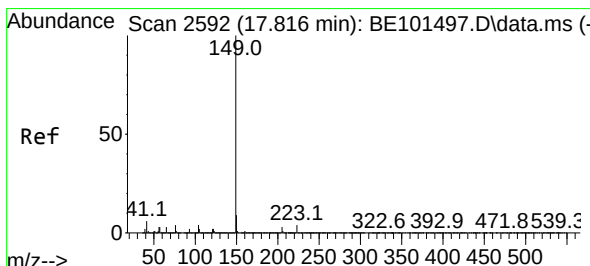
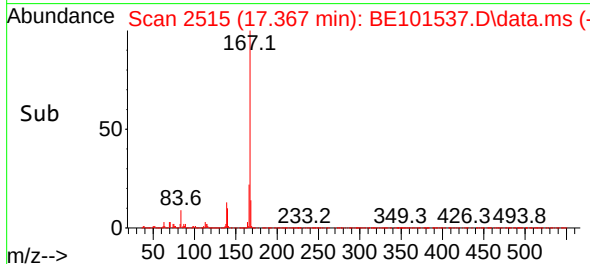
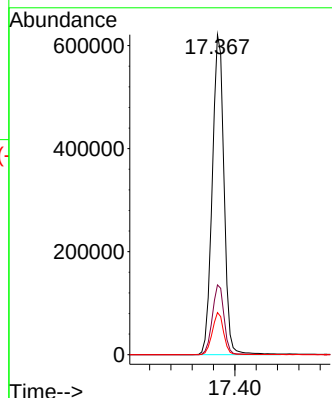
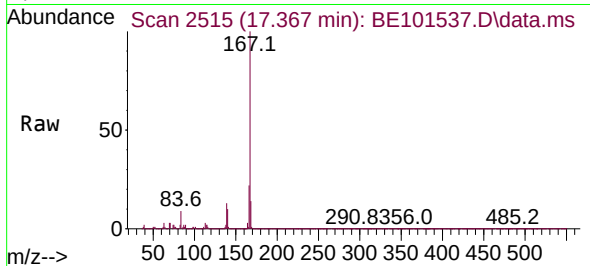
BP-G5-WCMS

Tgt Ion:167 Resp: 950095
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 13.2 10.2 15.2

Manual Integrations

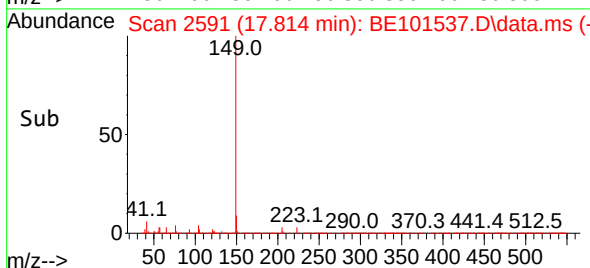
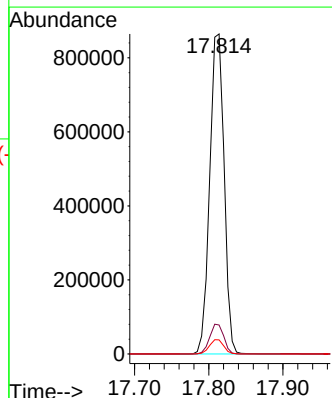
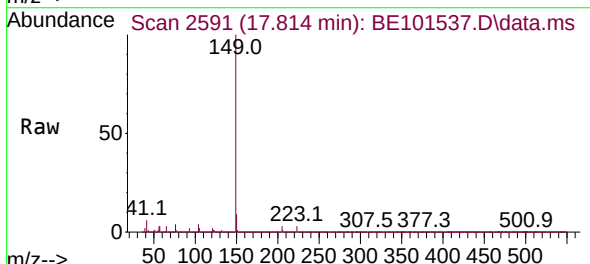
APPROVED

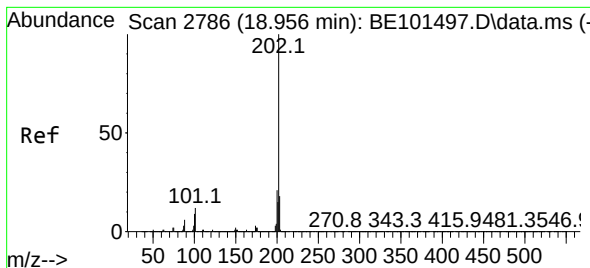
Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :mohammad ahmed 11/08/2024



#74
 Di-n-butylphthalate
 Concen: 49.336 ng
 RT: 17.814 min Scan# 2591
 Delta R.T. -0.002 min
 Lab File: BE101537.D
 Acq: 7 Nov 2024 18:39

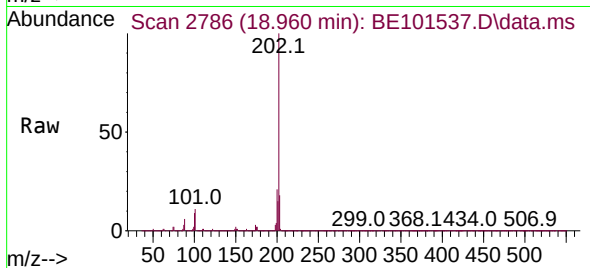
Tgt Ion:149 Resp: 1164818
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 4.4 3.4 5.2





#75
Fluoranthene
Concen: 49.906 ng
RT: 18.960 min Scan# 21
Delta R.T. 0.004 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

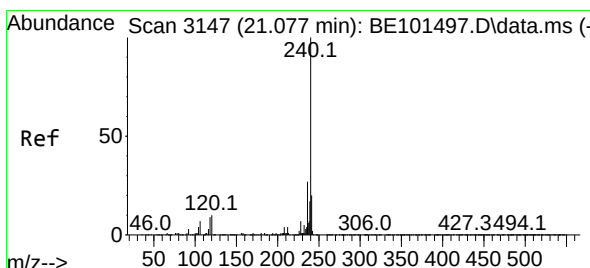
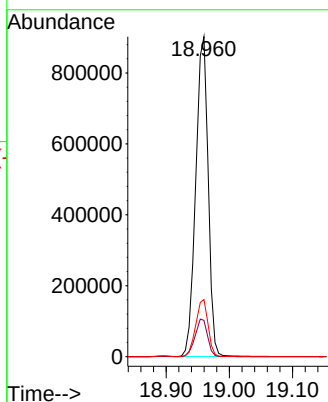
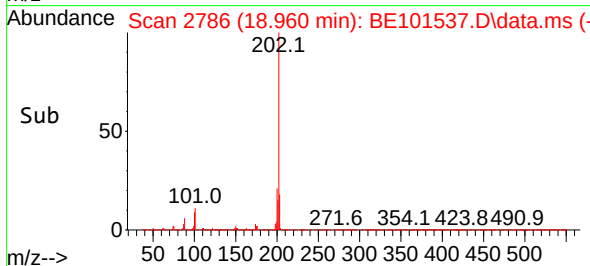
Instrument :
BNA_E
ClientSampleId :
BP-G5-WCMS



Tgt Ion:202 Resp: 123527
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.7
203 17.8 0.0 37.8

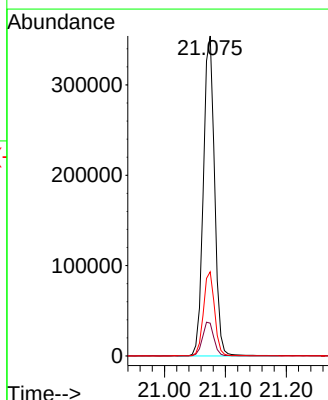
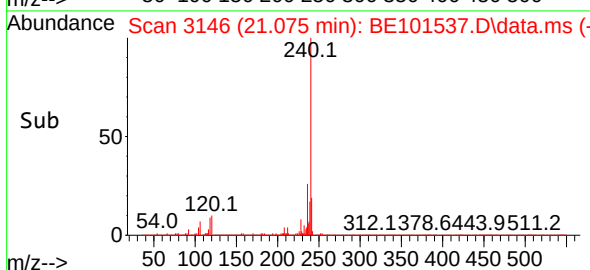
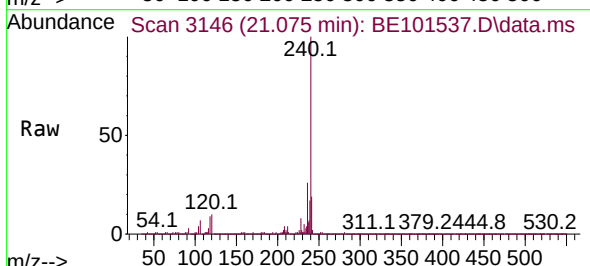
Manual Integrations
APPROVED

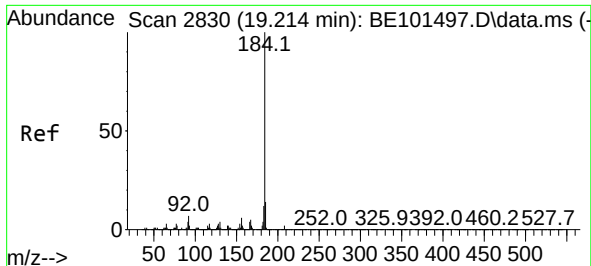
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.075 min Scan# 3146
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion:240 Resp: 450960
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.4
236 26.3 21.4 32.2





#77
Benzidine
Concen: 1.862 ng
RT: 19.218 min Scan# 2830
Delta R.T. 0.004 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

BP-G5-WCMS

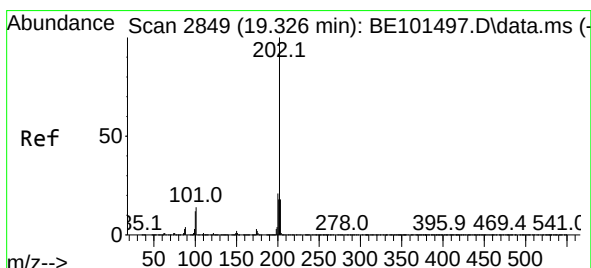
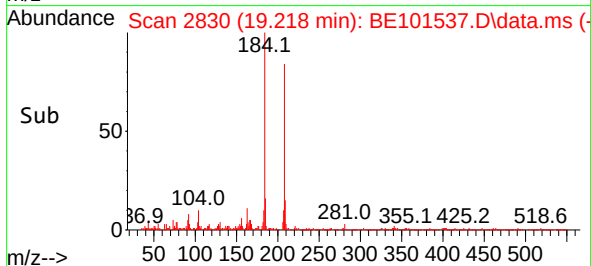
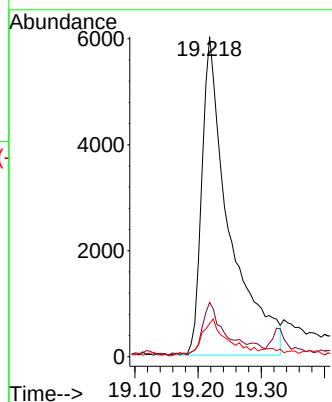
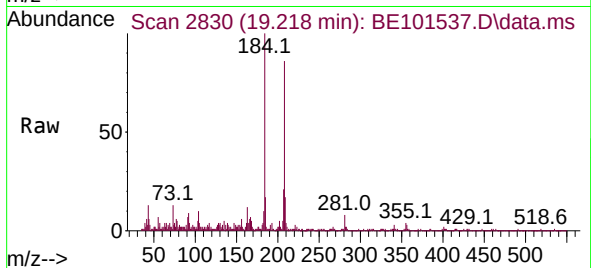
Tgt Ion:184 Resp: 1803
Ion Ratio Lower Upper
184 100
185 17.0 11.2 16.8
183 10.3 9.4 14.0

Manual Integrations

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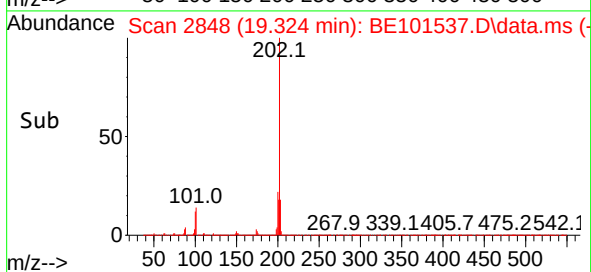
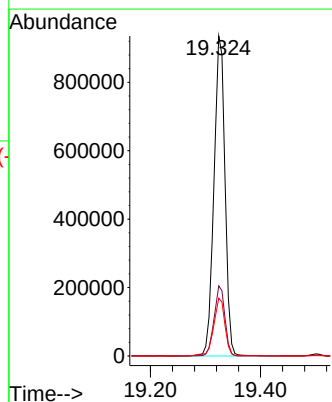
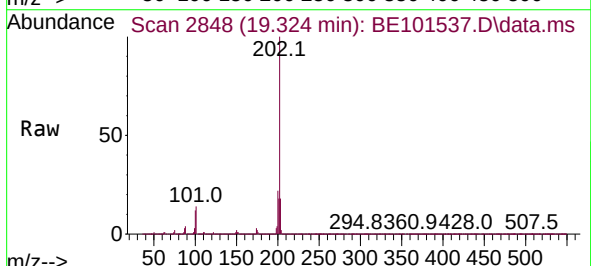
Reviewed By :Yogesh Patel 11/08/2024

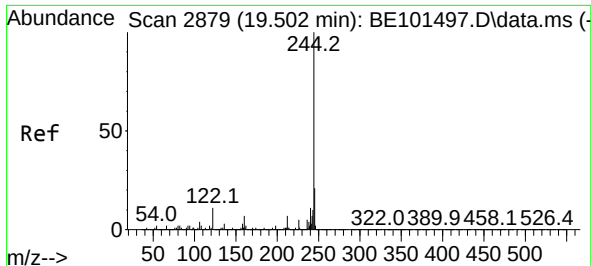
Supervised By :mohammad ahmed 11/08/2024



#78
Pyrene
Concen: 50.823 ng
RT: 19.324 min Scan# 2848
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion:202 Resp: 1304082
Ion Ratio Lower Upper
202 100
200 21.9 17.2 25.8
203 18.1 14.2 21.4





#79
 Terphenyl-d14
 Concen: 104.378 ng
 RT: 19.500 min Scan# 212644
 Delta R.T. -0.002 min
 Lab File: BE101537.D
 Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

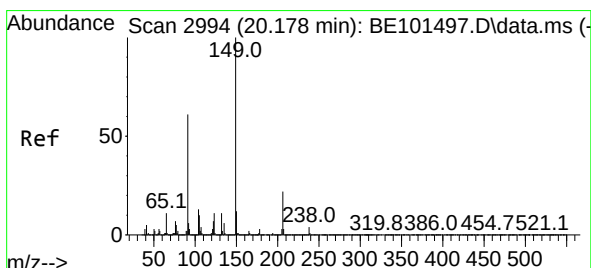
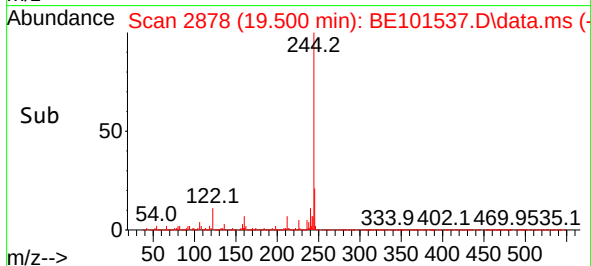
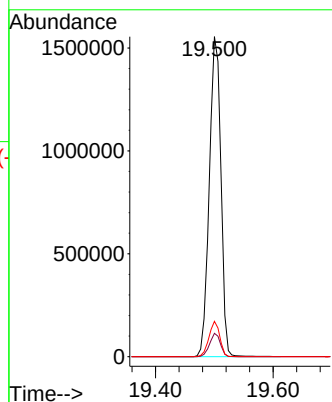
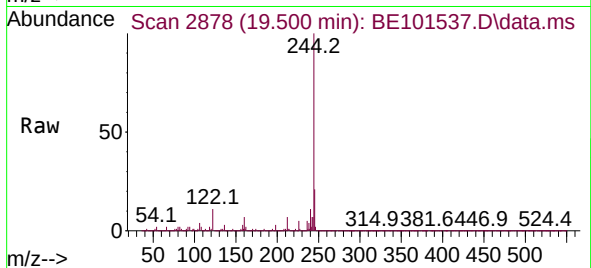
BP-G5-WCMS

Tgt Ion:244 Resp: 212644
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.0 8.4 12.6

Manual Integrations

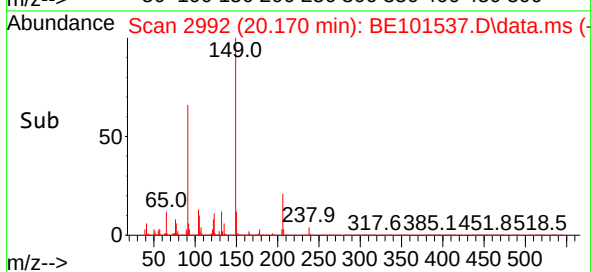
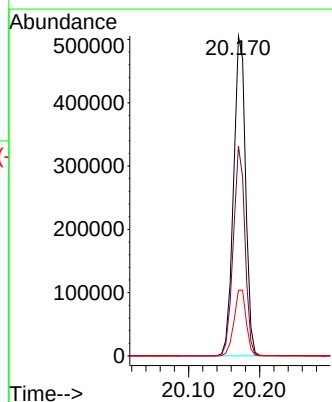
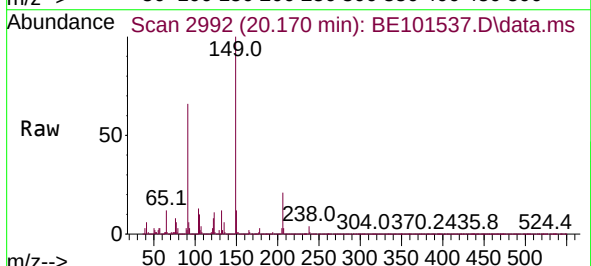
APPROVED

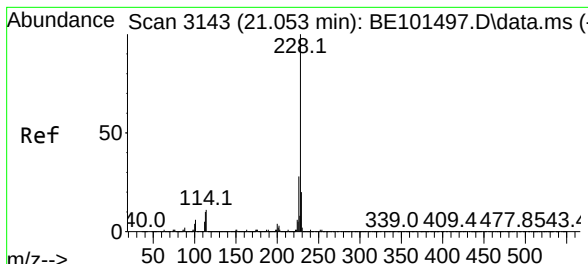
Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :mohammad ahmed 11/08/2024



#80
 Butylbenzylphthalate
 Concen: 51.513 ng
 RT: 20.170 min Scan# 2992
 Delta R.T. -0.008 min
 Lab File: BE101537.D
 Acq: 7 Nov 2024 18:39

Tgt Ion:149 Resp: 594003
 Ion Ratio Lower Upper
 149 100
 91 65.6 49.2 73.8
 206 20.6 17.4 26.2





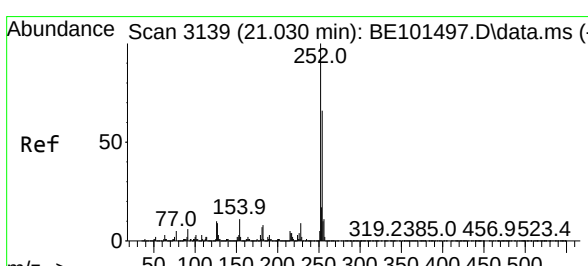
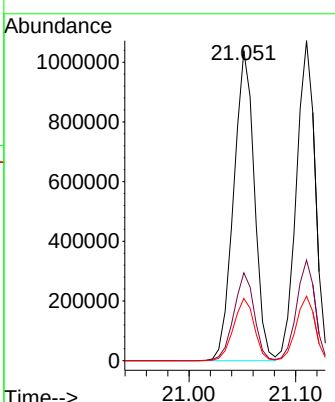
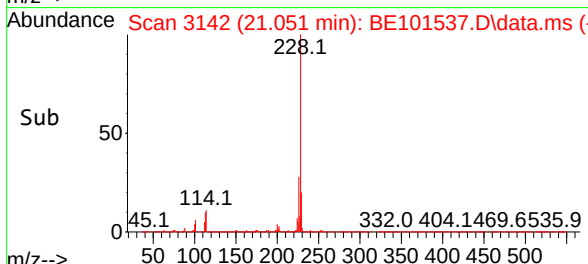
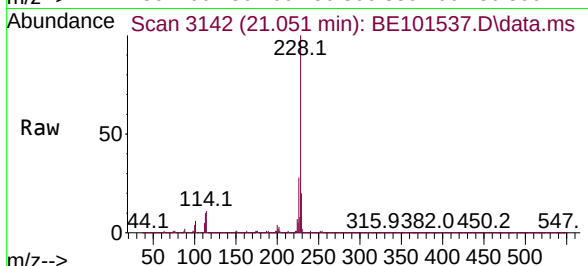
#81
 Benzo(a)anthracene
 Concen: 52.380 ng
 RT: 21.051 min Scan# 3142
 Delta R.T. -0.002 min
 Lab File: BE101537.D
 Acq: 7 Nov 2024 18:39

Instrument : BNA_E
 ClientSampleId : BP-G5-WCMS

Tgt Ion:228 Resp: 1402890

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.4	33.6
229	20.1	16.1	24.1

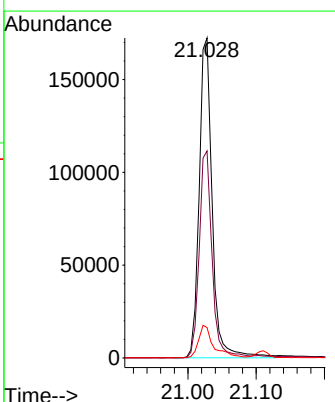
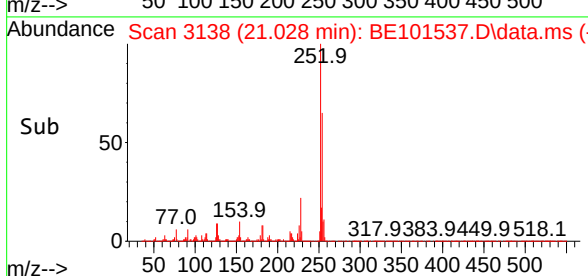
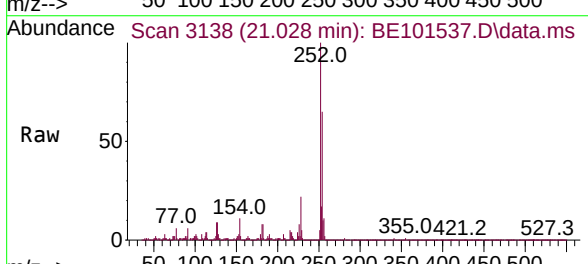
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :mohammad ahmed 11/08/2024

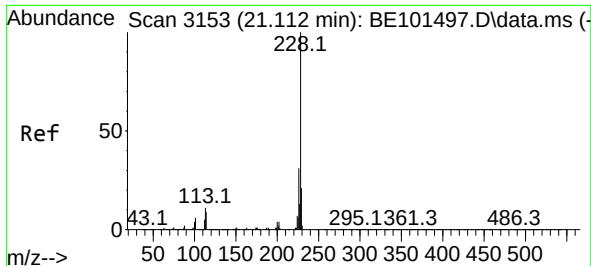


#82
 3,3'-Dichlorobenzidine
 Concen: 21.677 ng
 RT: 21.028 min Scan# 3138
 Delta R.T. -0.002 min
 Lab File: BE101537.D
 Acq: 7 Nov 2024 18:39

Tgt Ion:252 Resp: 228545

Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.9	79.3
126	9.5	7.8	11.6





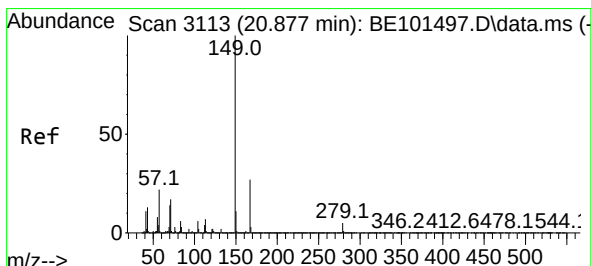
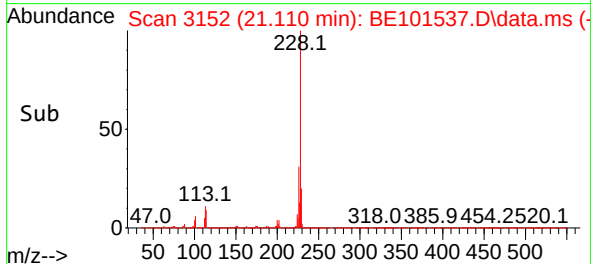
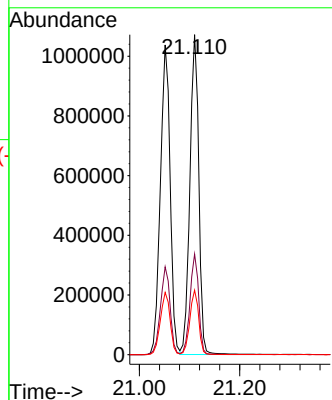
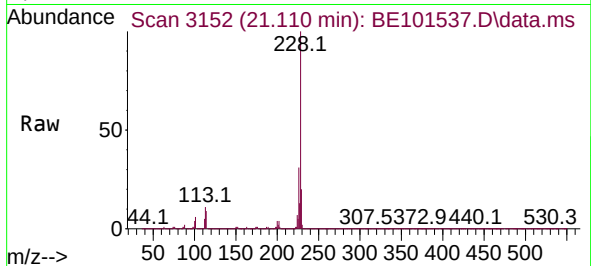
#83
Chrysene
Concen: 51.991 ng
RT: 21.110 min Scan# 3153
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Instrument :
BNA_E
ClientSampleId :
BP-G5-WCMS

Tgt Ion:228 Resp: 132354
Ion Ratio Lower Upper
228 100
226 31.5 25.1 37.7
229 20.2 16.4 24.6

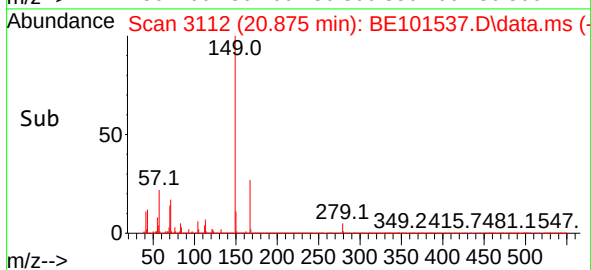
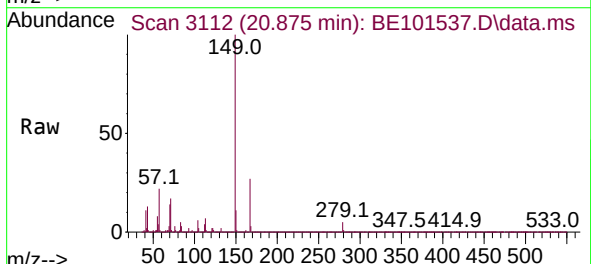
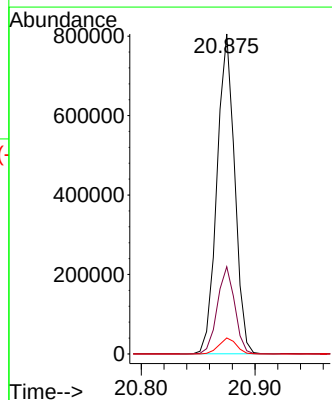
Manual Integrations
APPROVED

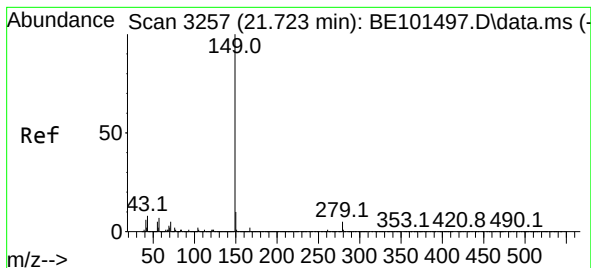
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.861 ng
RT: 20.875 min Scan# 3112
Delta R.T. -0.002 min
Lab File: BE101537.D
Acq: 7 Nov 2024 18:39

Tgt Ion:149 Resp: 869253
Ion Ratio Lower Upper
149 100
167 27.2 21.8 32.6
279 5.0 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 51.185 ng

RT: 21.721 min Scan# 31

Delta R.T. -0.002 min

Lab File: BE101537.D

Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

BP-G5-WCMS

Tgt Ion:149 Resp: 1509614

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

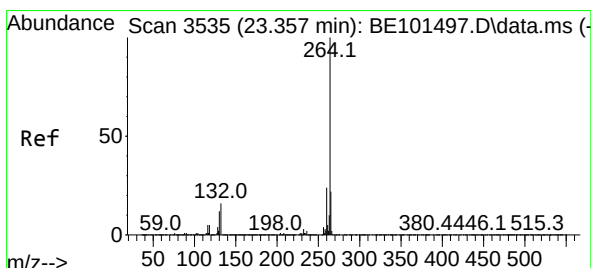
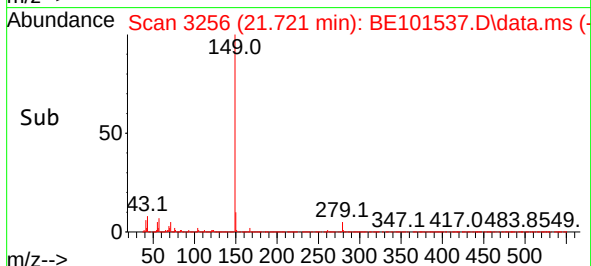
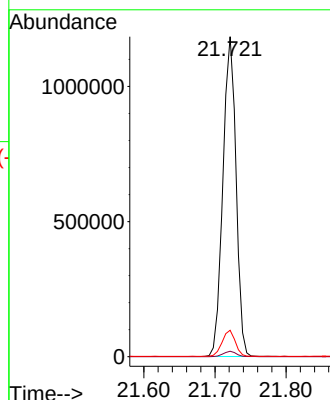
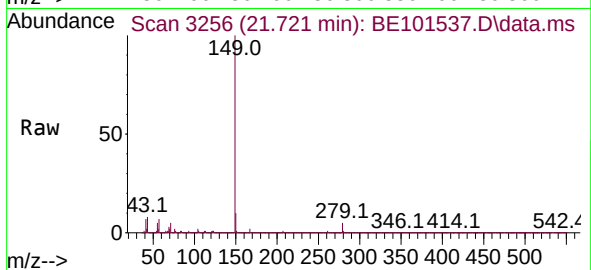
43 8.2 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/08/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.360 min Scan# 3535

Delta R.T. 0.004 min

Lab File: BE101537.D

Acq: 7 Nov 2024 18:39

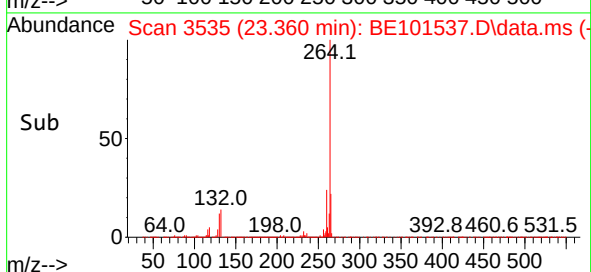
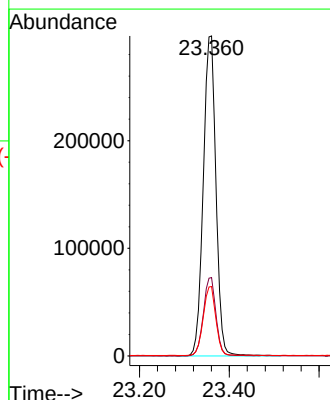
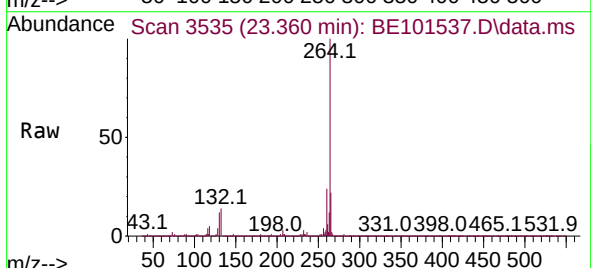
Tgt Ion:264 Resp: 581361

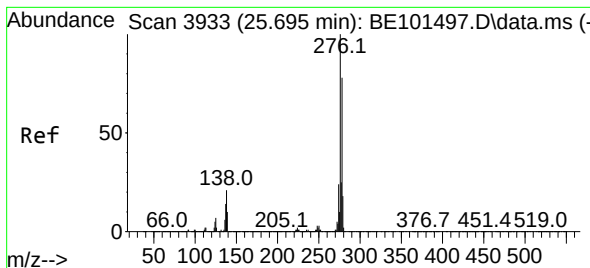
Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.352 ng

RT: 25.699 min Scan# 3933

Delta R.T. 0.004 min

Lab File: BE101537.D

Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

BP-G5-WCMS

Tgt Ion:276 Resp: 213146

Ion Ratio Lower Upper

276 100

138 21.6 17.0 25.6

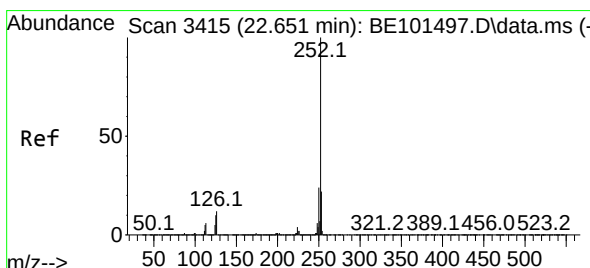
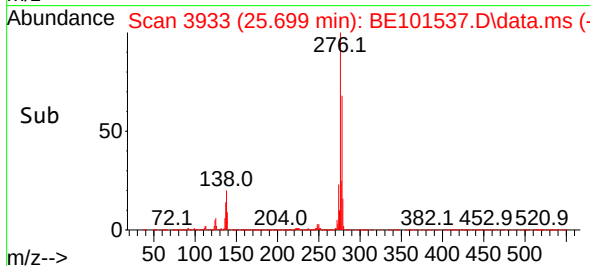
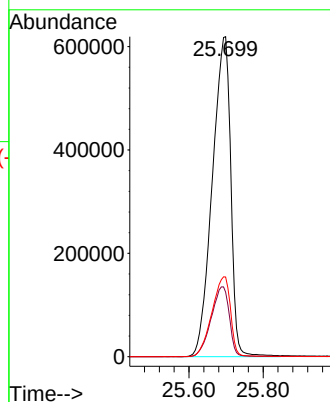
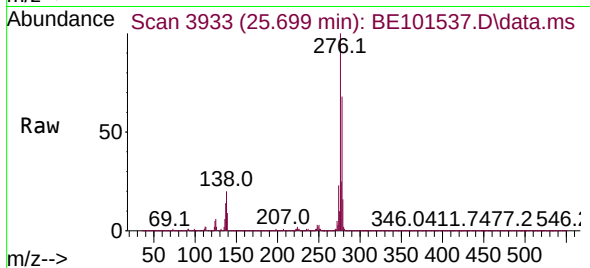
277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/08/2024



#88

Benzo(b)fluoranthene

Concen: 49.129 ng

RT: 22.649 min Scan# 3414

Delta R.T. -0.002 min

Lab File: BE101537.D

Acq: 7 Nov 2024 18:39

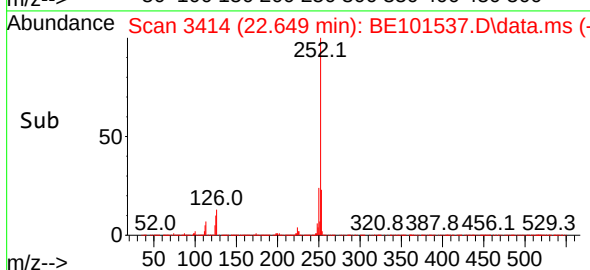
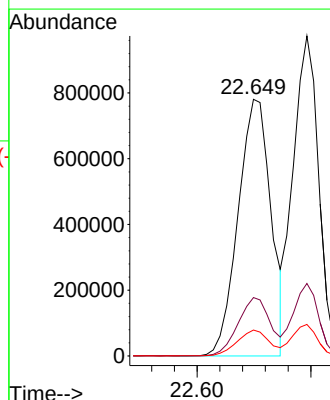
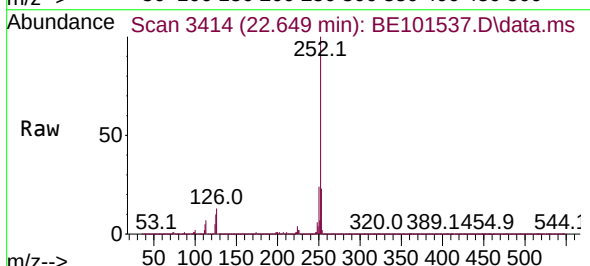
Tgt Ion:252 Resp: 1567015

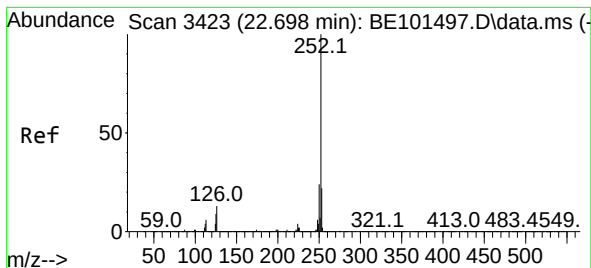
Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 10.1 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 52.751 ng

RT: 22.696 min Scan# 3423

Delta R.T. -0.002 min

Lab File: BE101537.D

Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

BP-G5-WCMS

Tgt Ion:252 Resp: 1527380

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

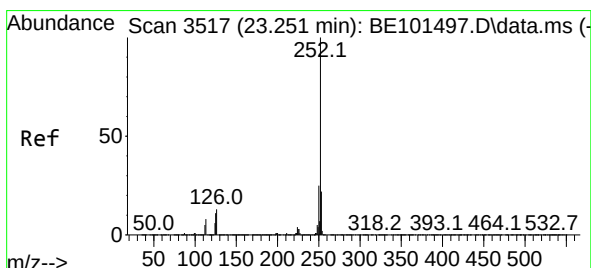
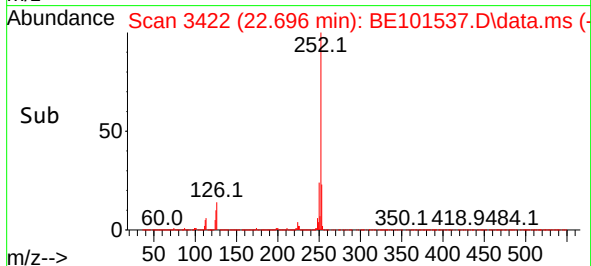
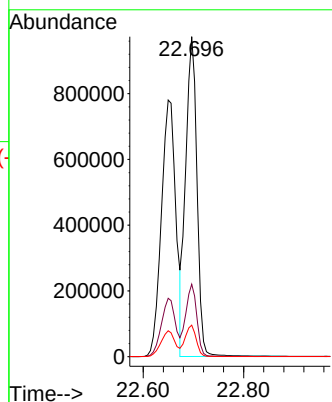
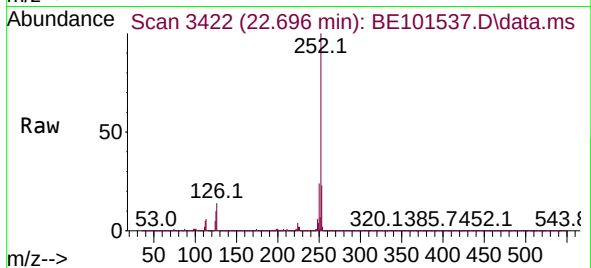
125 9.9 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/08/2024



#90

Benzo(a)pyrene

Concen: 54.361 ng

RT: 23.255 min Scan# 3517

Delta R.T. 0.004 min

Lab File: BE101537.D

Acq: 7 Nov 2024 18:39

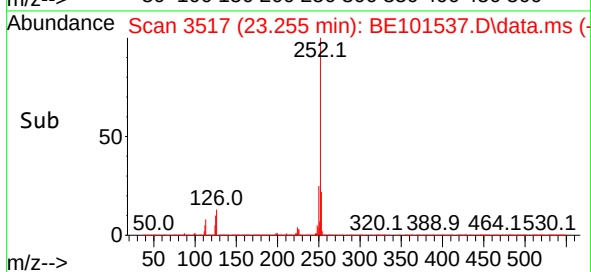
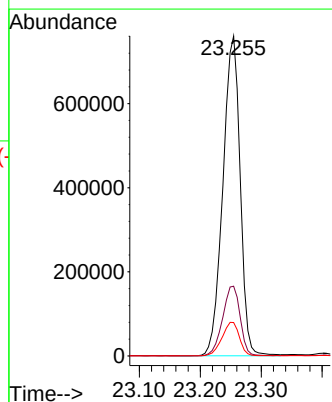
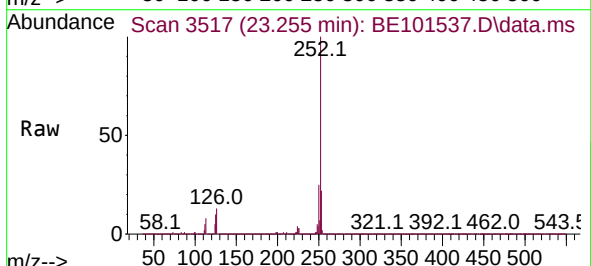
Tgt Ion:252 Resp: 1496940

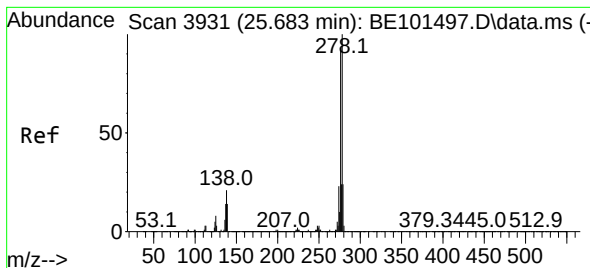
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 10.4 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 53.161 ng

RT: 25.687 min Scan# 3931

Delta R.T. 0.004 min

Lab File: BE101537.D

Acq: 7 Nov 2024 18:39

Instrument :

BNA_E

ClientSampleId :

BP-G5-WCMS

Tgt Ion:278 Resp: 1768790

Ion Ratio Lower Upper

278 100

139 13.9 11.2 16.8

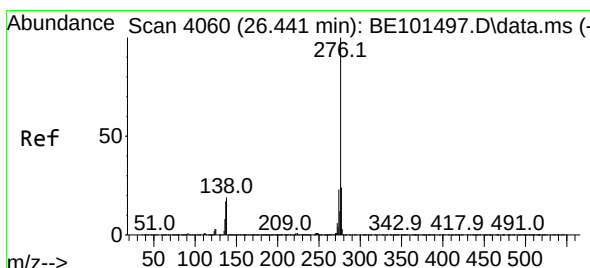
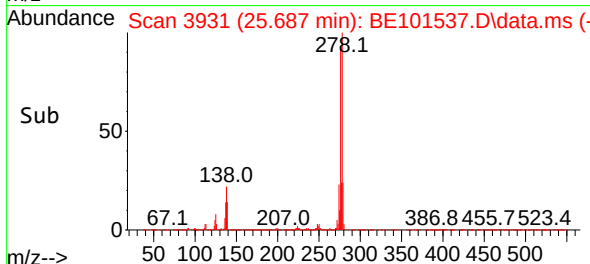
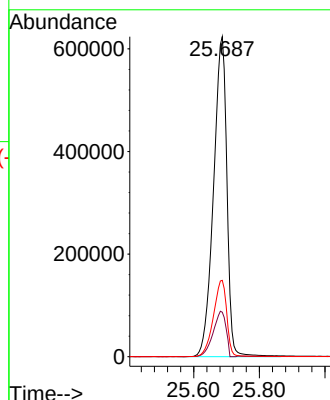
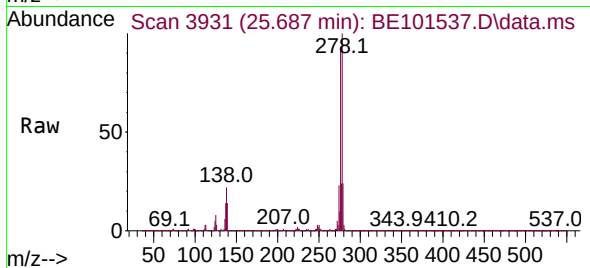
279 23.8 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/08/2024



#92

Benzo(g,h,i)perylene

Concen: 47.176 ng

RT: 26.439 min Scan# 4059

Delta R.T. -0.002 min

Lab File: BE101537.D

Acq: 7 Nov 2024 18:39

Tgt Ion:276 Resp: 1594710

Ion Ratio Lower Upper

276 100

277 24.1 19.5 29.3

138 19.2 15.3 22.9

