

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110624\
 Data File : BE101516.D
 Acq On : 7 Nov 2024 3:38
 Operator : RC/JU
 Sample : P4660-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 WC-WOOD-01-C

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/07/2024
 Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 07 03:29:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 00:01:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	43720	20.000	ng	0.00
21) Naphthalene-d8	10.325	136	200694	20.000	ng	0.00
39) Acenaphthene-d10	14.168	164	141864	20.000	ng	0.00
64) Phenanthrene-d10	16.906	188	364933	20.000	ng	0.00
76) Chrysene-d12	21.066	240	491415	20.000	ng	-0.01
86) Perylene-d12	23.346	264	502658	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.314	112	396400	160.317	ng	0.00
7) Phenol-d6	6.941	99	496300	146.395	ng	0.00
23) Nitrobenzene-d5	8.768	82	330311	103.960	ng	0.00
42) 2,4,6-Tribromophenol	15.678	330	461311	172.811	ng	0.00
45) 2-Fluorobiphenyl	12.793	172	862742	99.298	ng	0.00
79) Terphenyl-d14	19.503	244	2100657	94.623	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.965	94	17044	4.619	ng	# 74
17) 2-Methylphenol	8.146	107	4945	2.070	ng	93
27) 2,4-Dimethylphenol	9.620	122	12588m	6.186	ng	
31) Naphthalene	10.384	128	3241342	319.917	ng	97
37) 2-Methylnaphthalene	11.965	142	238682	33.167	ng	99
38) 1-Methylnaphthalene	12.188	142	138654	19.320	ng	100
46) 1,1'-Biphenyl	12.993	154	38852	3.970	ng	99
49) Acenaphthylene	13.898	152	69297	6.025	ng	97
52) Acenaphthene	14.233	154	288730	39.339	ng	99
55) Dibenzofuran	14.573	168	243197	20.576	ng	98
58) Fluorene	15.208	166	191991	19.464	ng	99
71) Phenanthrene	16.947	178	555473	31.296	ng	99
72) Anthracene	17.029	178	96302m	5.494	ng	
73) Carbazole	17.364	167	683419	38.881	ng	99
75) Fluoranthene	18.951	202	199650	8.773	ng	98
78) Pyrene	19.321	202	141902	5.075	ng	98

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

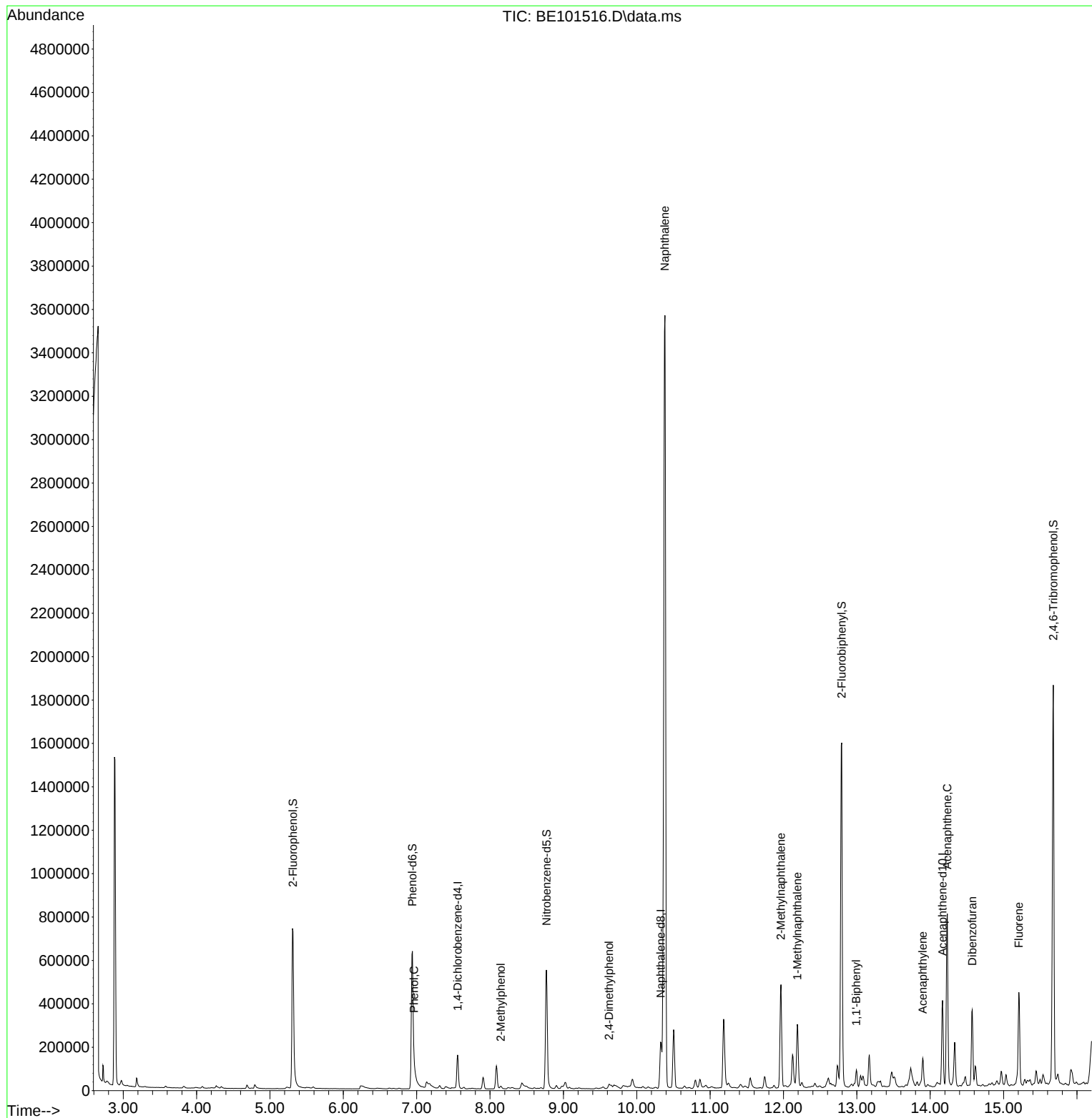
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110624\
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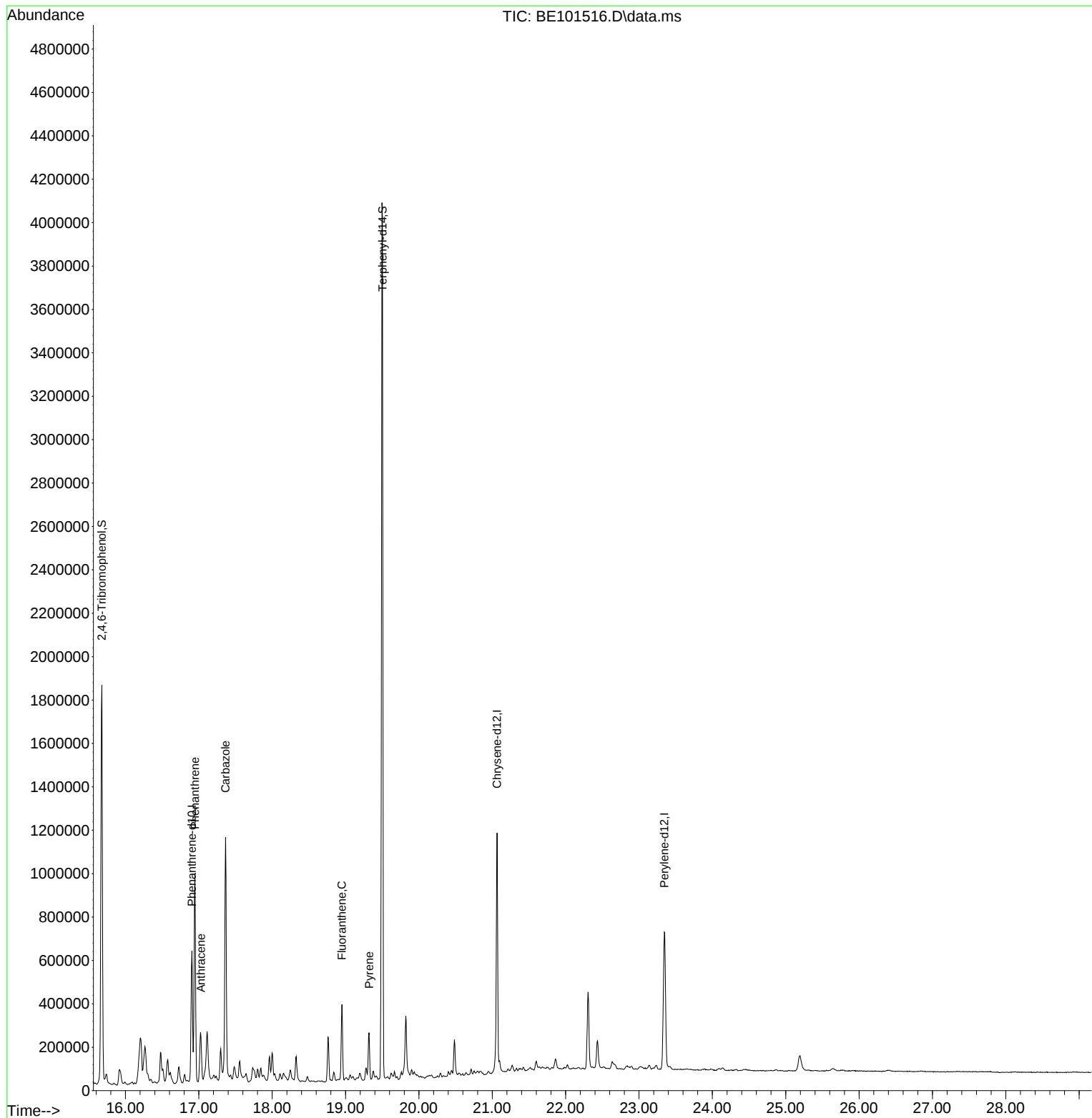
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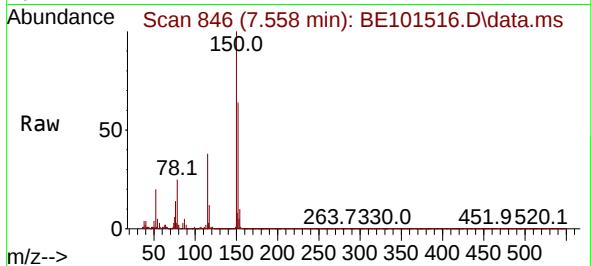
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.558 min Scan# 847
Delta R.T. -0.005 min
Lab File: BE101516.D
Acq: 7 Nov 2024 3:38

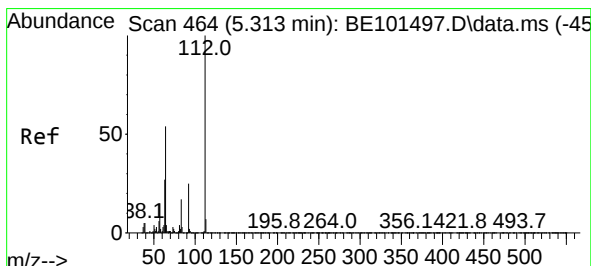
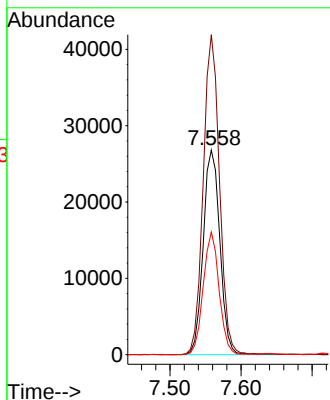
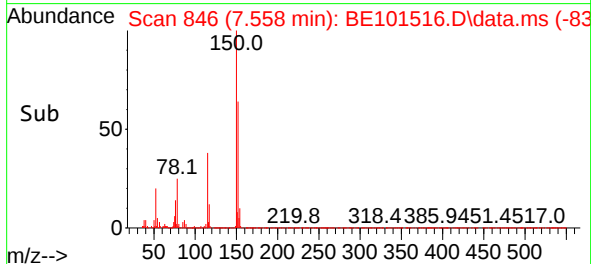
Instrument :
BNA_E
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Tgt Ion:152 Resp: 43720
Ion Ratio Lower Upper
152 100
150 156.4 126.3 189.5
115 60.0 45.0 67.4

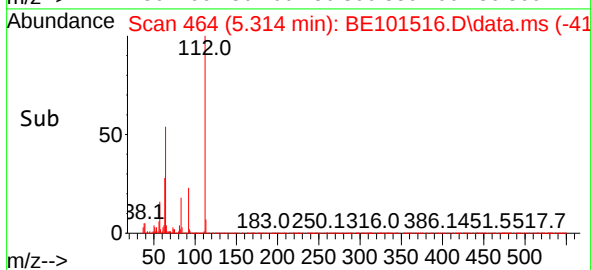
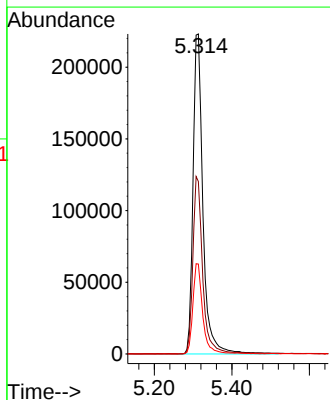
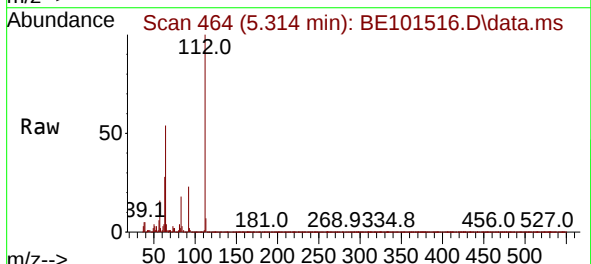
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Supervised By :mohammad ahmed 11/08/2024



#5
2-Fluorophenol
Concen: 160.317 ng
RT: 5.314 min Scan# 464
Delta R.T. 0.001 min
Lab File: BE101516.D
Acq: 7 Nov 2024 3:38

Tgt Ion:112 Resp: 396400
Ion Ratio Lower Upper
112 100
64 53.9 43.2 64.8
63 28.1 21.8 32.6





#7

Phenol-d6

Concen: 146.395 ng

RT: 6.941 min Scan# 741

Delta R.T. -0.005 min

Lab File: BE101516.D

Acq: 7 Nov 2024 3:38

Instrument :

BNA_E

ClientSampleId :

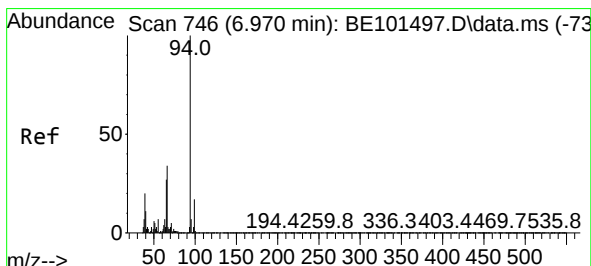
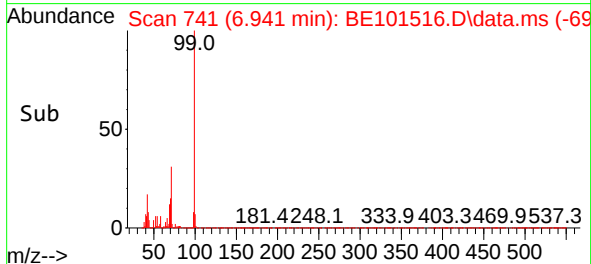
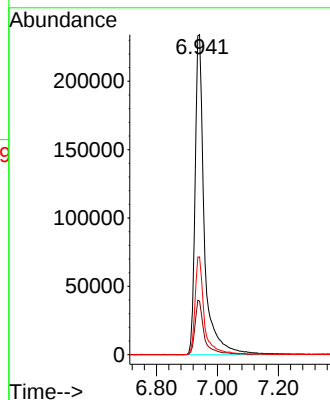
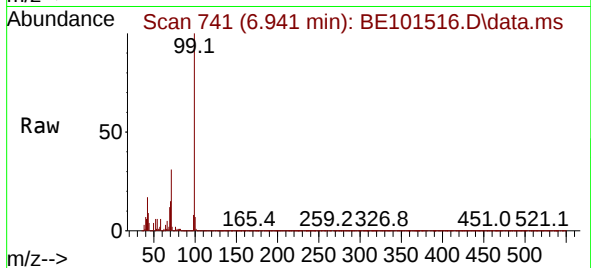
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Tgt Ion: 99	Resp: 496300
Ion Ratio	Lower Upper
99 100	
42 16.8	12.5 18.7
71 30.5	24.2 36.2

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#10

Phenol

Concen: 4.619 ng

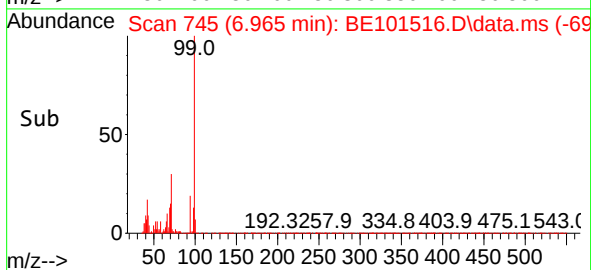
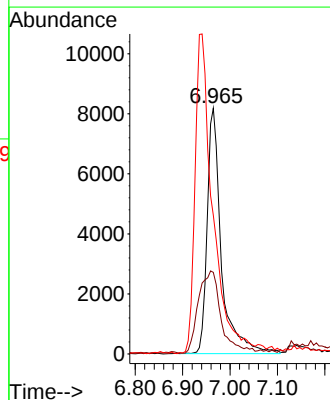
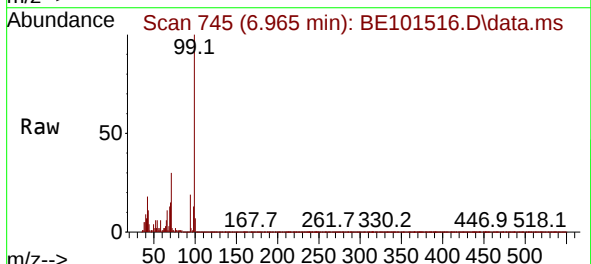
RT: 6.965 min Scan# 745

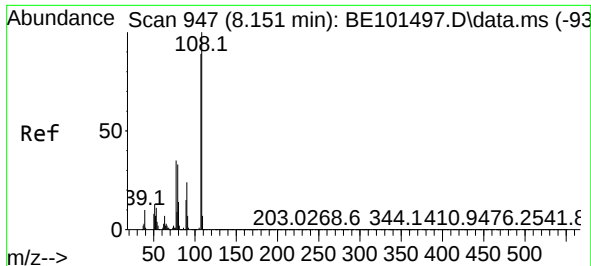
Delta R.T. -0.005 min

Lab File: BE101516.D

Acq: 7 Nov 2024 3:38

Tgt Ion: 94	Resp: 17044
Ion Ratio	Lower Upper
94 100	
65 33.2	6.7 46.7
66 56.4	15.0 55.0





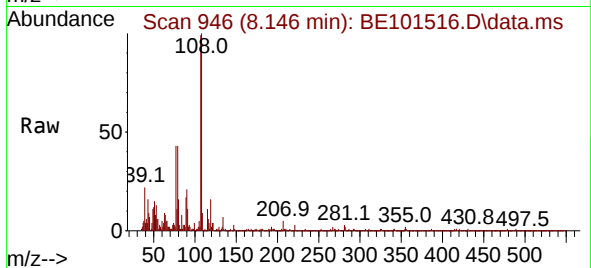
#17
2-Methylphenol
Concen: 2.070 ng
RT: 8.146 min Scan# 947
Delta R.T. -0.005 min
Lab File: BE101516.D
Acq: 7 Nov 2024 3:38

Instrument :

BNA_E

ClientSampleId :

WC-WOOD-01-C

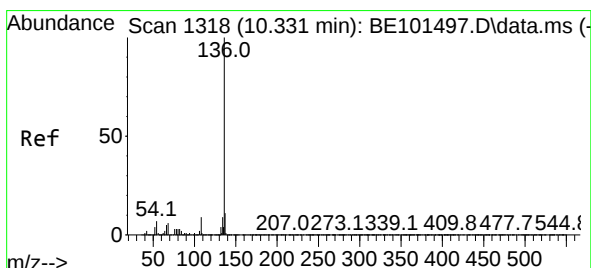
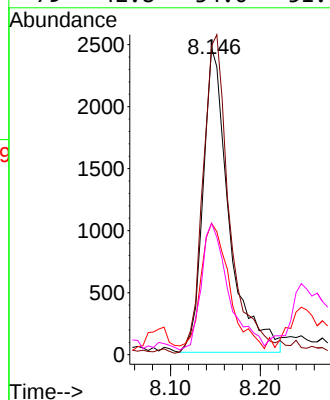
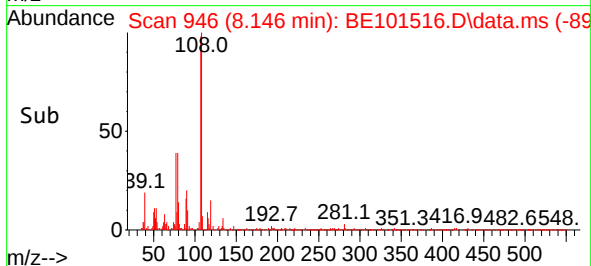


Tgt Ion	Ratio	Lower	Upper
107	100		
108	100.7	90.2	135.4
77	42.8	35.1	52.7
79	42.8	34.0	51.0

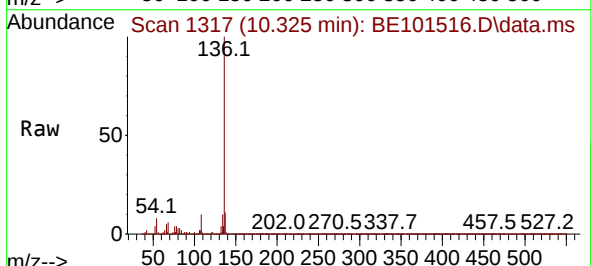
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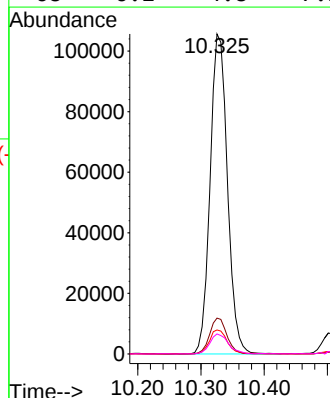
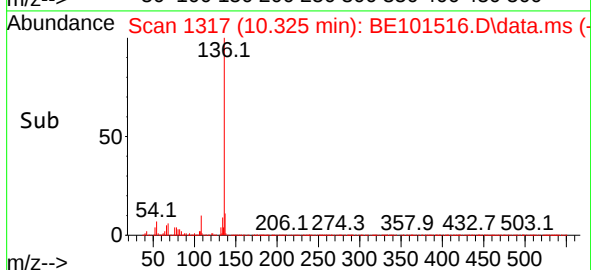
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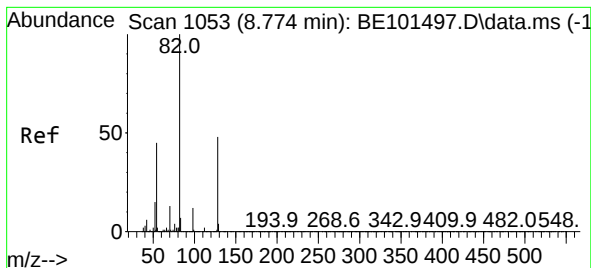


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.325 min Scan# 1317
Delta R.T. -0.005 min
Lab File: BE101516.D
Acq: 7 Nov 2024 3:38



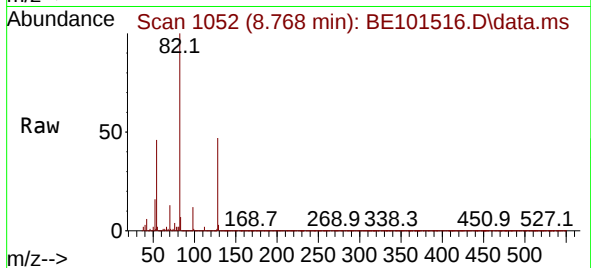
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.5	5.6	8.4
68	6.2	4.8	7.2





#23
Nitrobenzene-d5
Concen: 103.960 ng
RT: 8.768 min Scan# 1052
Delta R.T. -0.005 min
Lab File: BE101516.D
Acq: 7 Nov 2024 3:38

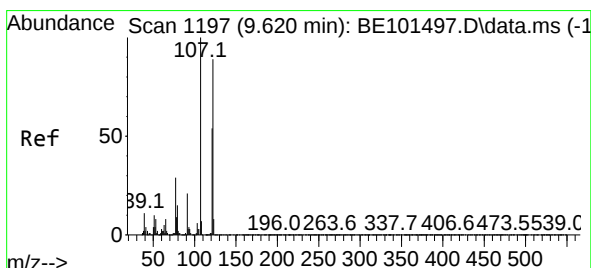
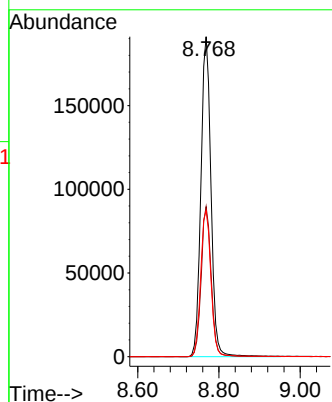
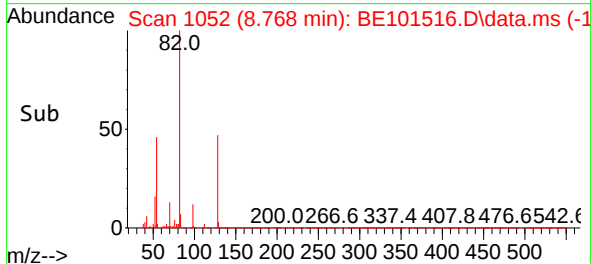
Instrument :
BNA_E
ClientSampleId :
WC-WOOD-01-C



Tgt Ion: 82 Resp: 33031
Ion Ratio Lower Upper
82 100
128 46.9 38.6 58.0
54 45.6 36.3 54.5

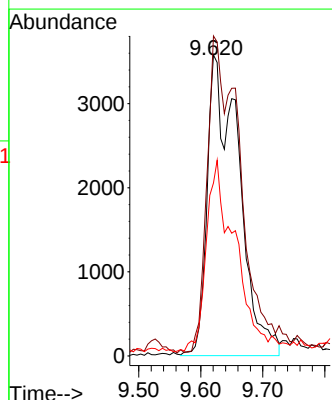
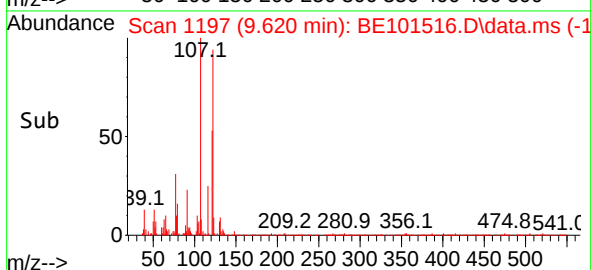
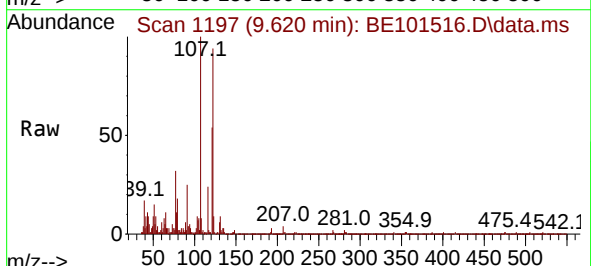
Manual Integrations
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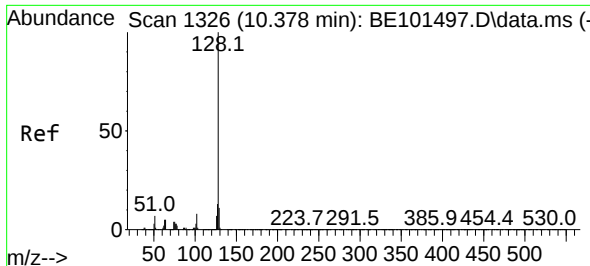
Reviewed By :Jagrut Upadhyay 11/07/2024
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#27
2,4-Dimethylphenol
Concen: 6.186 ng m
RT: 9.620 min Scan# 1197
Delta R.T. 0.001 min
Lab File: BE101516.D
Acq: 7 Nov 2024 3:38

Tgt Ion:122 Resp: 12588
Ion Ratio Lower Upper
122 100
107 106.3 89.8 134.6
121 57.5 48.0 72.0





#31
Naphthalene
Concen: 319.917 ng
RT: 10.384 min Scan# 11
Delta R.T. 0.007 min
Lab File: BE101516.D
Acq: 7 Nov 2024 3:38

Instrument :

BNA_E

ClientSampleId :

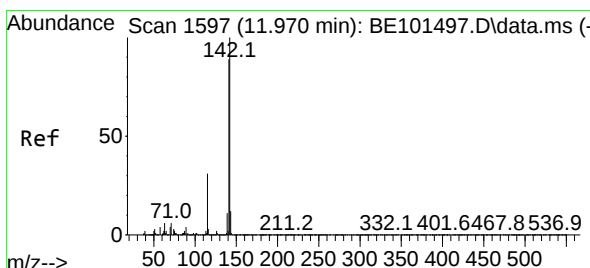
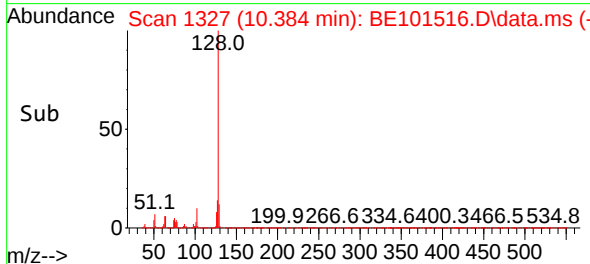
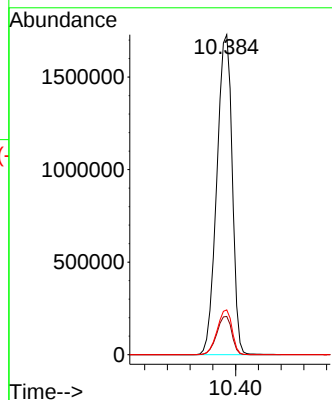
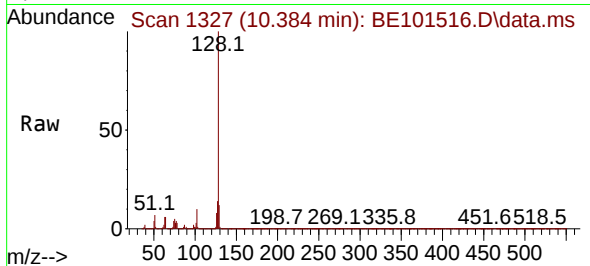
WC-WOOD-01-C

Tgt Ion:128 Resp: 324134
Ion Ratio Lower Upper
128 100
129 11.9 8.9 13.3
127 14.0 10.3 15.5

Manual Integrations

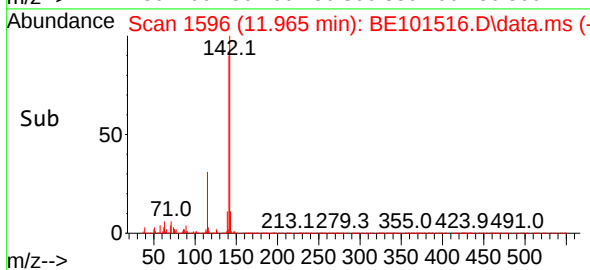
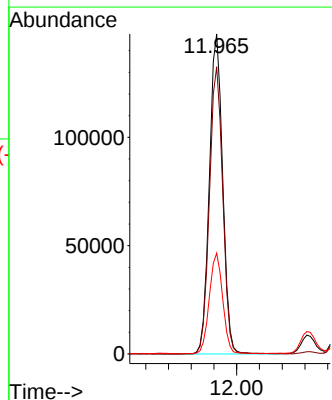
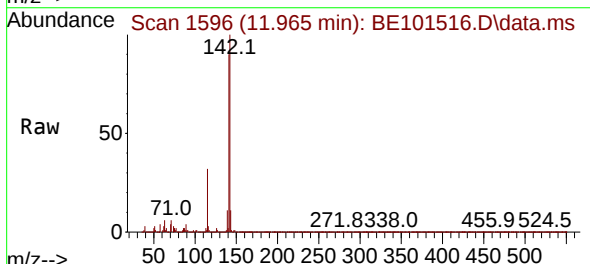
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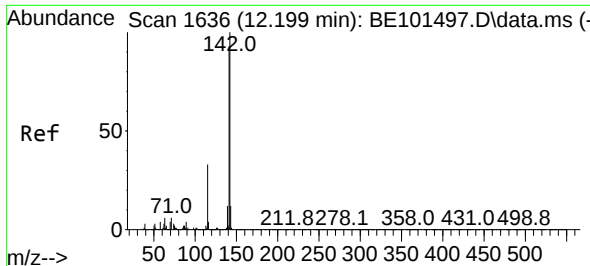
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#37
2-Methylnaphthalene
Concen: 33.167 ng
RT: 11.965 min Scan# 1596
Delta R.T. -0.005 min
Lab File: BE101516.D
Acq: 7 Nov 2024 3:38

Tgt Ion:142 Resp: 238682
Ion Ratio Lower Upper
142 100
141 89.7 71.3 106.9
115 31.5 25.0 37.4





#38
1-Methylnaphthalene
Concen: 19.320 ng
RT: 12.188 min Scan# 1634
Delta R.T. -0.011 min
Lab File: BE101516.D
Acq: 7 Nov 2024 3:38

Instrument :

BNA_E

ClientSampleId :

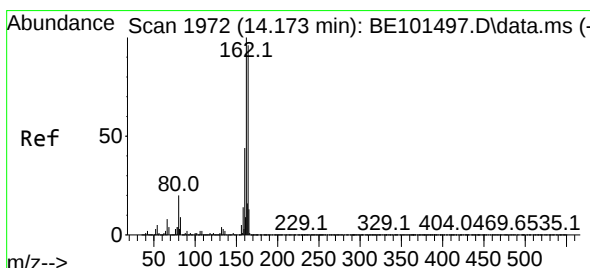
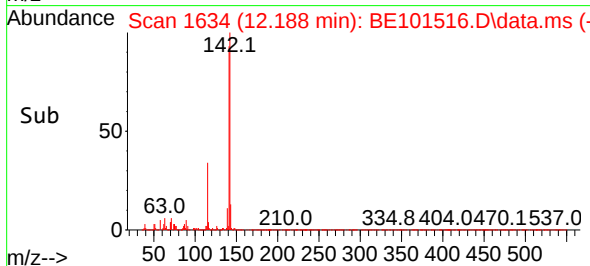
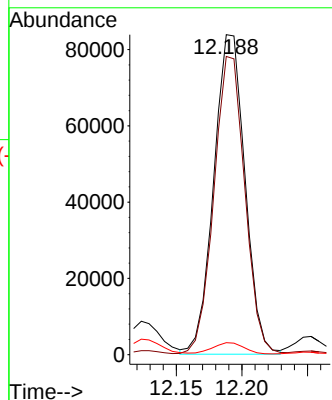
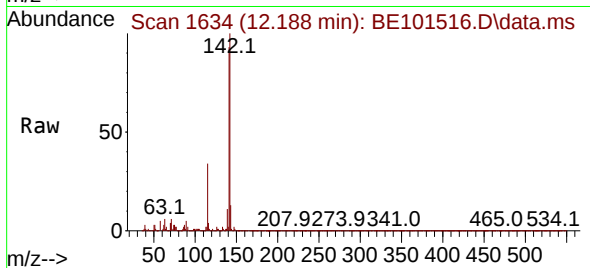
WC-WOOD-01-C

Tgt Ion:142 Resp: 138654
Ion Ratio Lower Upper
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141 93.2 74.7 112.1
116 3.7 2.9 4.3

Manual Integrations

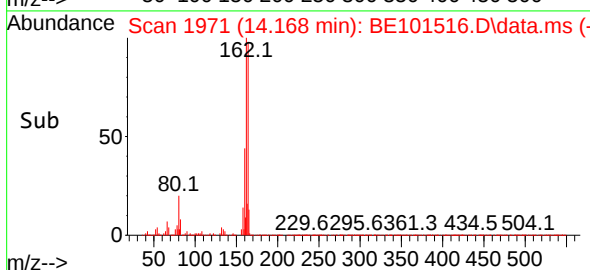
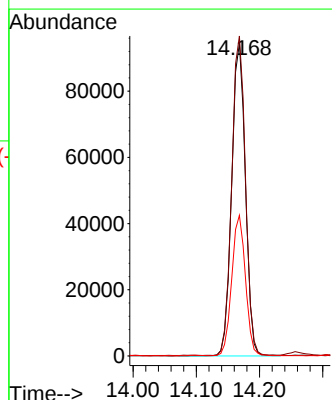
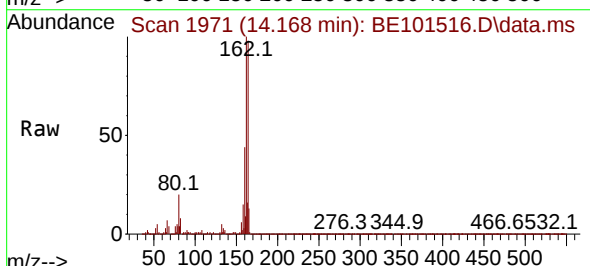
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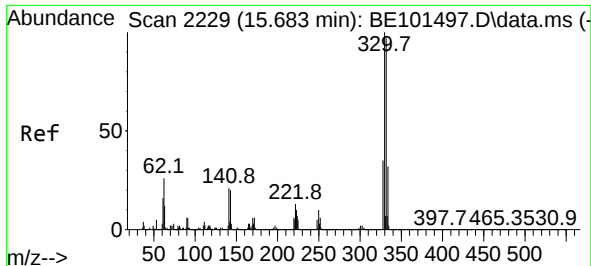
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.168 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BE101516.D
Acq: 7 Nov 2024 3:38

Tgt Ion:164 Resp: 141864
Ion Ratio Lower Upper
164 100
162 102.4 83.7 125.5
160 45.0 37.1 55.7





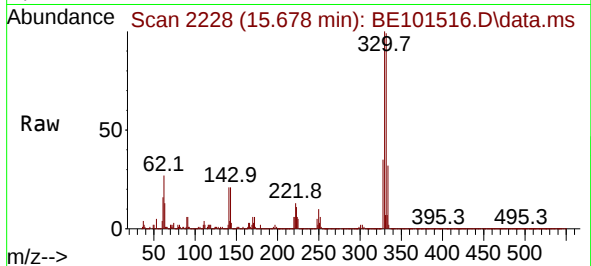
#42
2,4,6-Tribromophenol
Concen: 172.811 ng
RT: 15.678 min Scan# 211
Delta R.T. -0.005 min
Lab File: BE101516.D
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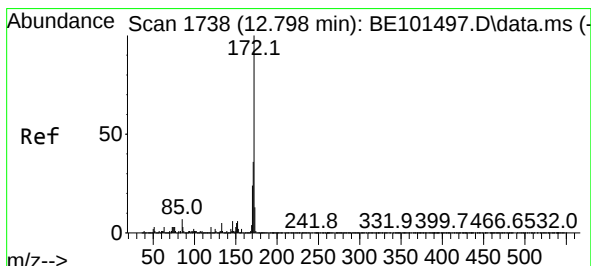
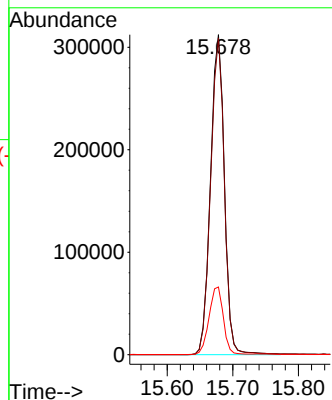
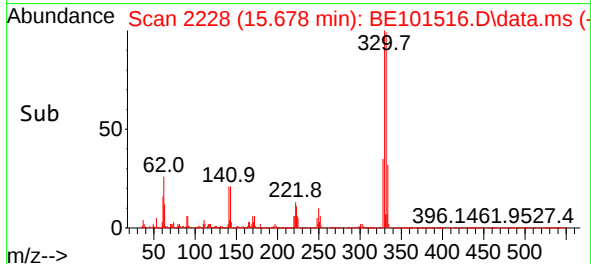


Tgt Ion:330 Resp: 46131
Ion Ratio Lower Upper
330 100
332 98.1 77.7 116.5
141 21.7 17.0 25.4

Manual Integrations

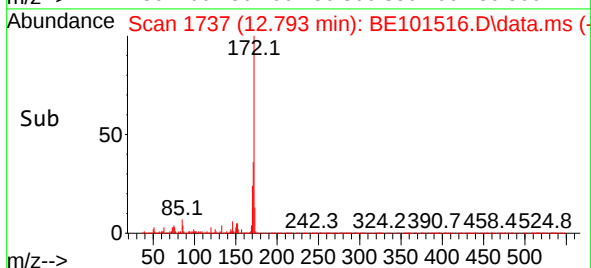
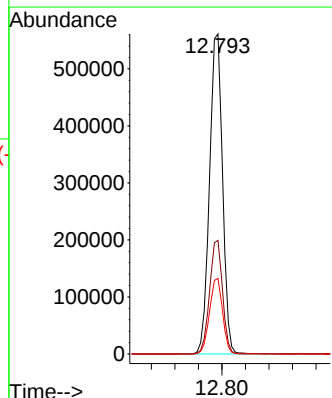
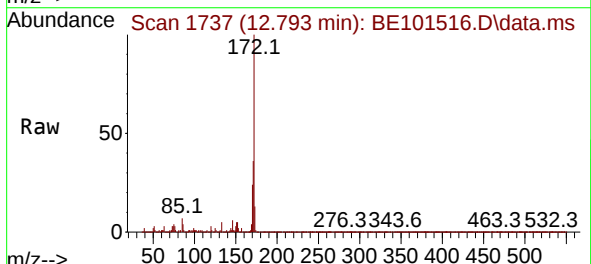
APPROVED

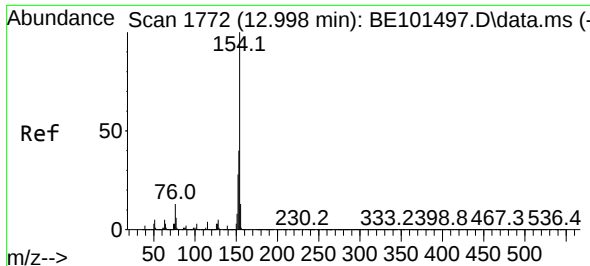
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#45
2-Fluorobiphenyl
Concen: 99.298 ng
RT: 12.793 min Scan# 1737
Delta R.T. -0.005 min
Lab File: BE101516.D
Acq: 7 Nov 2024 3:38

Tgt Ion:172 Resp: 862742
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.6 18.9 28.3





#46
1,1'-Biphenyl
Concen: 3.970 ng
RT: 12.993 min Scan# 1771
Delta R.T. -0.005 min
Lab File: BE101516.D
Acq: 7 Nov 2024 3:38

Instrument :

BNA_E

ClientSampleId :

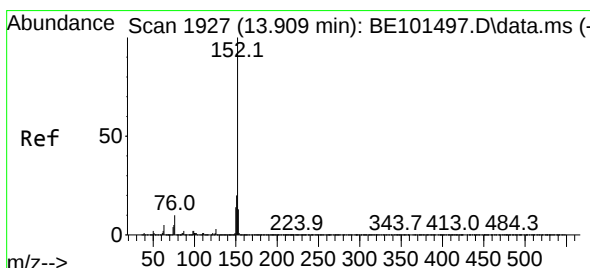
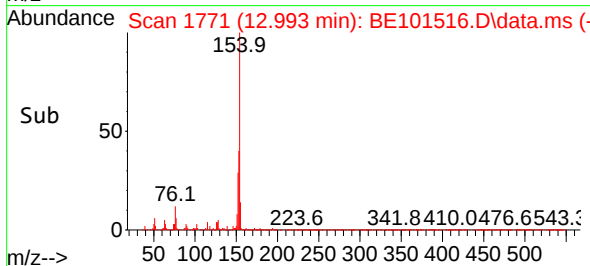
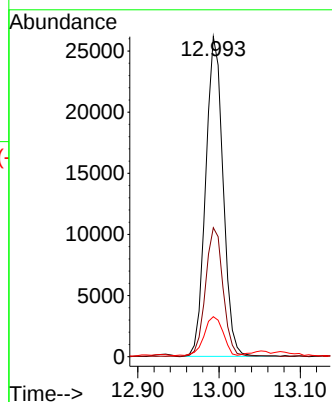
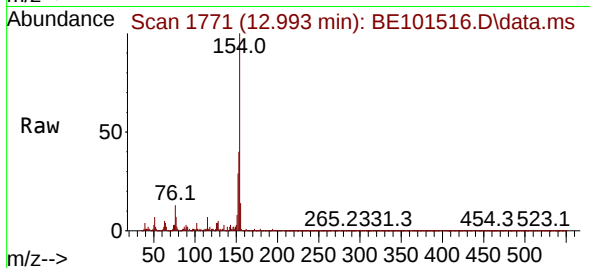
WC-WOOD-01-C

Tgt Ion:154 Resp: 3885
Ion Ratio Lower Upper
154 100
153 40.3 19.7 59.7
76 12.5 0.0 33.0

Manual Integrations

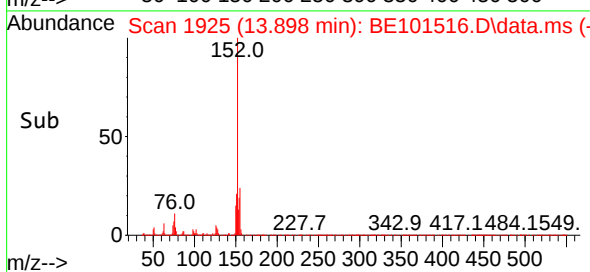
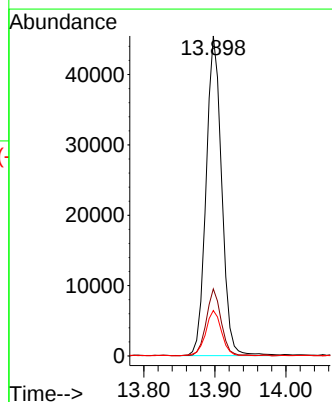
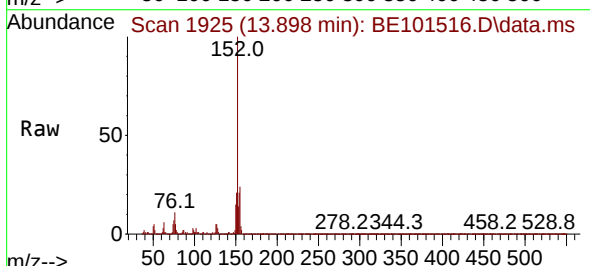
APPROVED

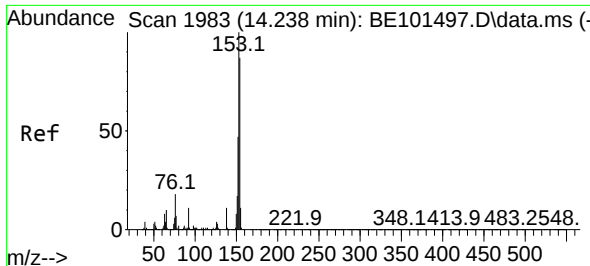
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#49
Acenaphthylene
Concen: 6.025 ng
RT: 13.898 min Scan# 1925
Delta R.T. -0.011 min
Lab File: BE101516.D
Acq: 7 Nov 2024 3:38

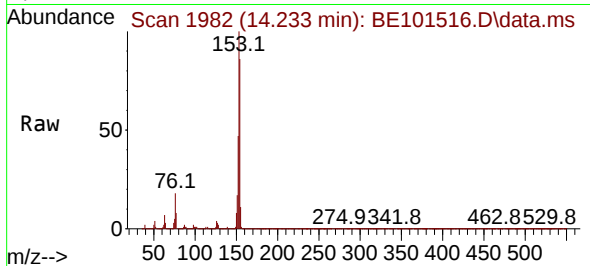
Tgt Ion:152 Resp: 69297
Ion Ratio Lower Upper
152 100
151 21.0 15.6 23.4
153 14.2 10.3 15.5





#52
Acenaphthene
Concen: 39.339 ng
RT: 14.233 min Scan# 1983
Delta R.T. -0.005 min
Lab File: BE101516.D
Acq: 7 Nov 2024 3:38

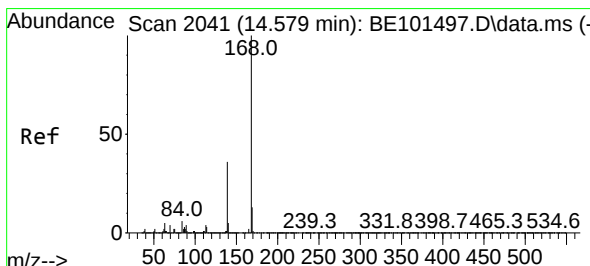
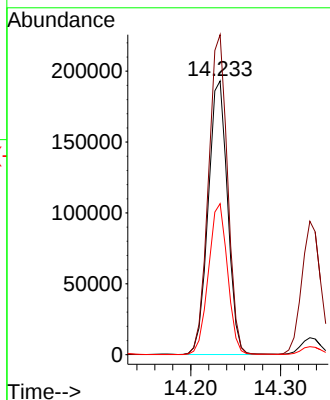
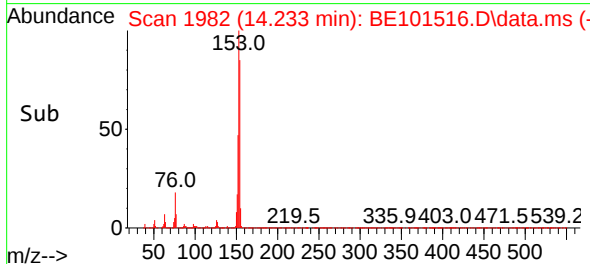
Instrument :
BNA_E
ClientSampleId :
WC-WOOD-01-C



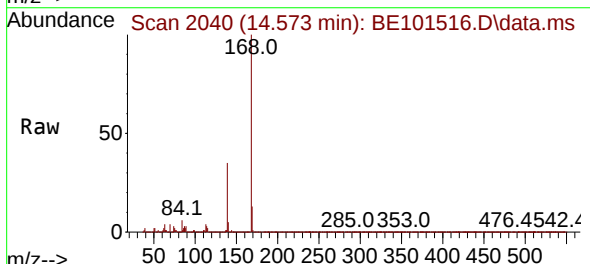
Tgt Ion:154 Resp: 288730
Ion Ratio Lower Upper
154 100
153 116.9 92.3 138.5
152 55.2 43.6 65.4

Manual Integrations
APPROVED

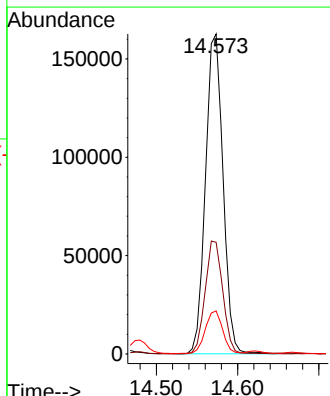
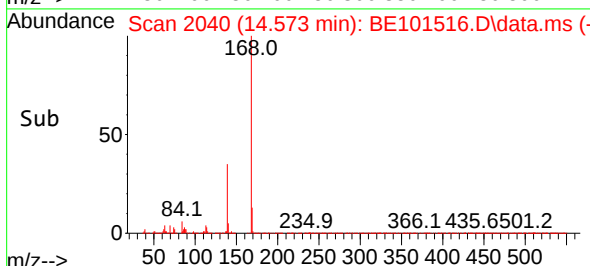
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/08/2024

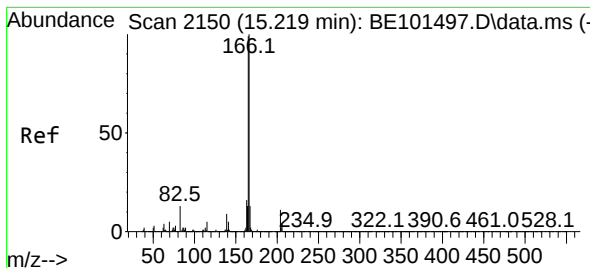


#55
Dibenzofuran
Concen: 20.576 ng
RT: 14.573 min Scan# 2040
Delta R.T. -0.005 min
Lab File: BE101516.D
Acq: 7 Nov 2024 3:38



Tgt Ion:168 Resp: 243197
Ion Ratio Lower Upper
168 100
139 34.9 29.1 43.7
169 13.4 10.6 16.0





#58

Fluorene

Concen: 19.464 ng

RT: 15.208 min Scan# 2150

Delta R.T. -0.011 min

Lab File: BE101516.D

Acq: 7 Nov 2024 3:38

Instrument :

BNA_E

ClientSampleId :

WC-WOOD-01-C

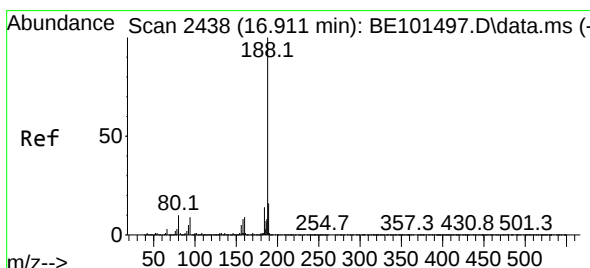
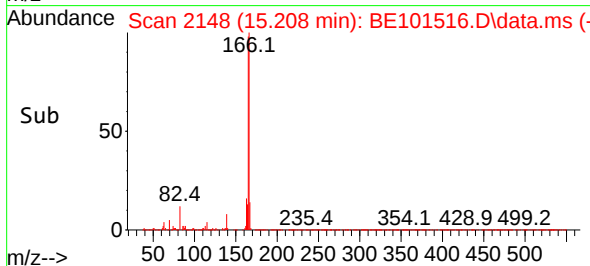
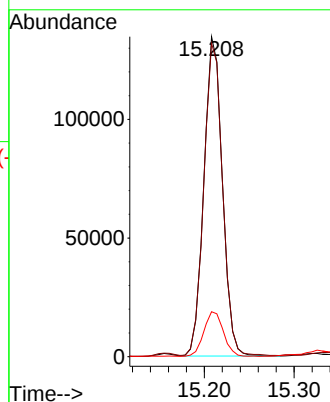
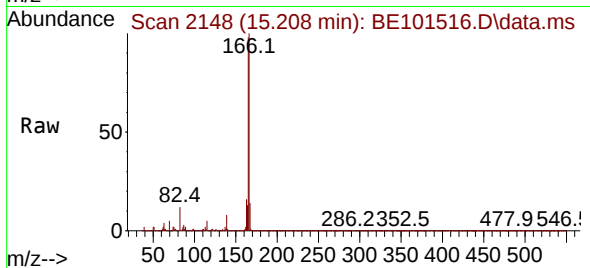
Tgt Ion:166 Resp: 19199

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.4
167	14.0	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.906 min Scan# 2437

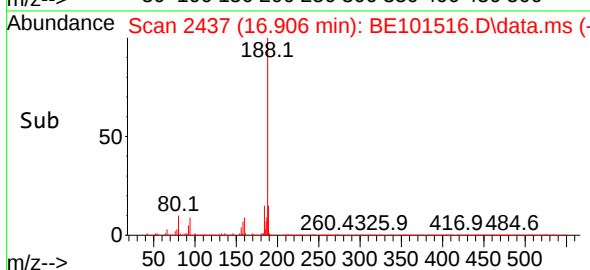
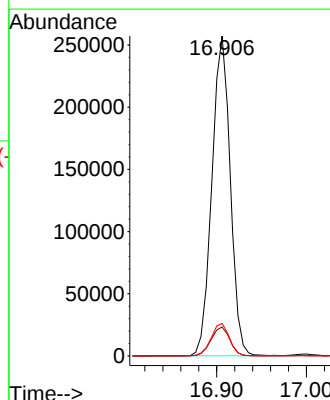
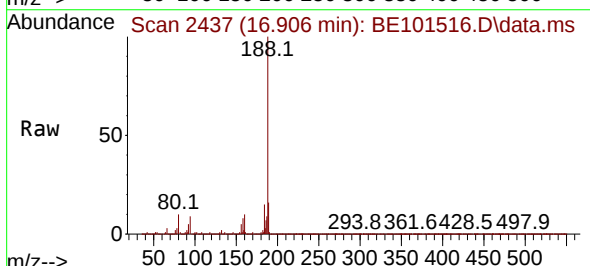
Delta R.T. -0.005 min

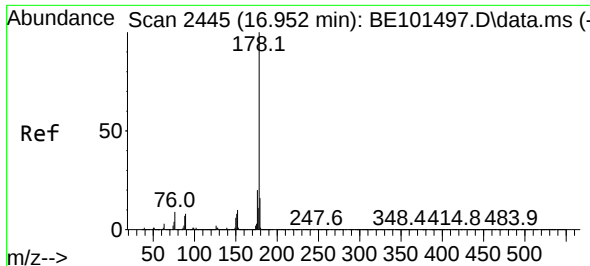
Lab File: BE101516.D

Acq: 7 Nov 2024 3:38

Tgt Ion:188 Resp: 364933

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.4	11.2
80	10.1	8.0	12.0





#71
Phenanthrene
Concen: 31.296 ng
RT: 16.947 min Scan# 2444
Delta R.T. -0.005 min
Lab File: BE101516.D
Acq: 7 Nov 2024 3:38

Instrument :

BNA_E

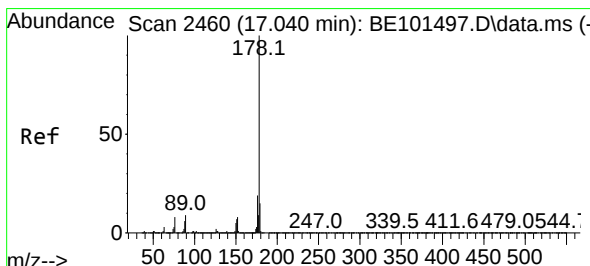
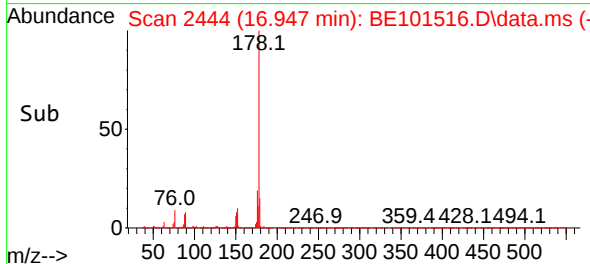
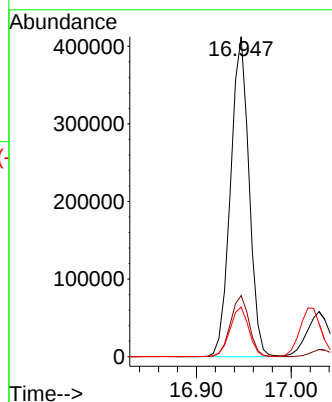
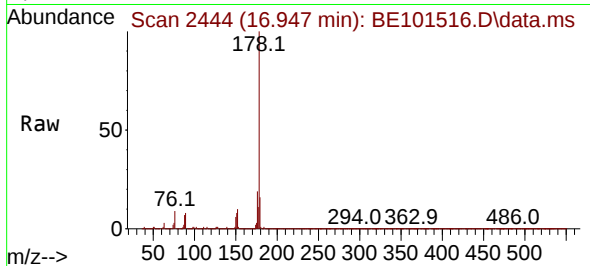
ClientSampleId :

WC-WOOD-01-C

Tgt Ion:178 Resp: 55547
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.5 12.6 19.0

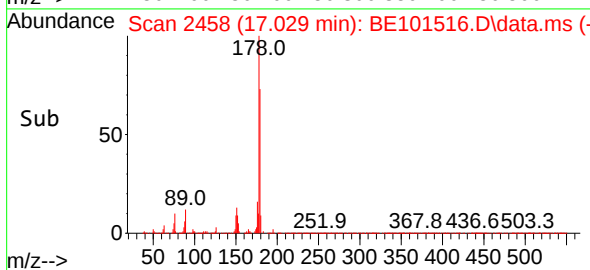
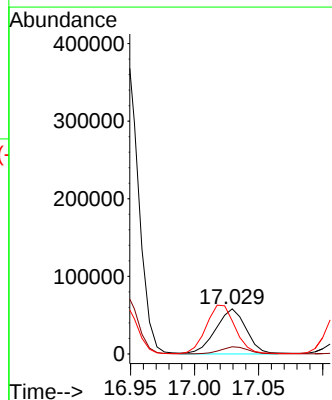
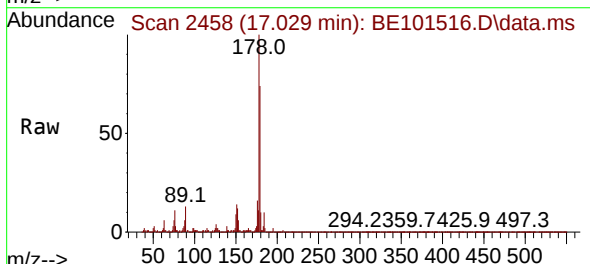
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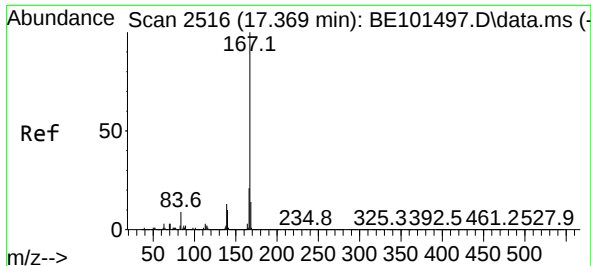
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#72
Anthracene
Concen: 5.494 ng m
RT: 17.029 min Scan# 2458
Delta R.T. -0.011 min
Lab File: BE101516.D
Acq: 7 Nov 2024 3:38

Tgt Ion:178 Resp: 96302
Ion Ratio Lower Upper
178 100
176 16.1 15.1 22.7
179 73.6 12.4 18.6#





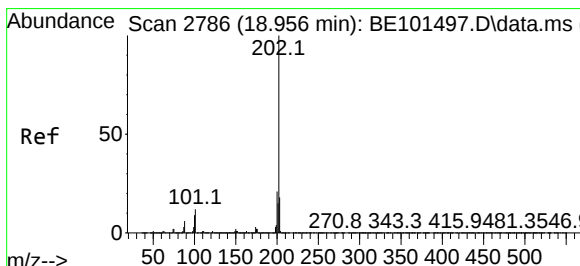
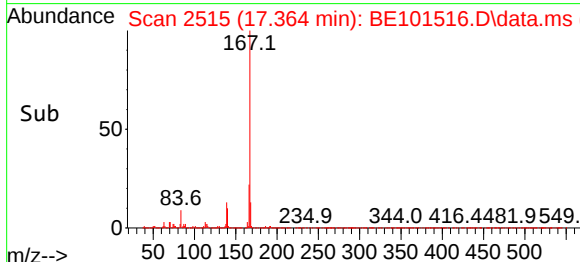
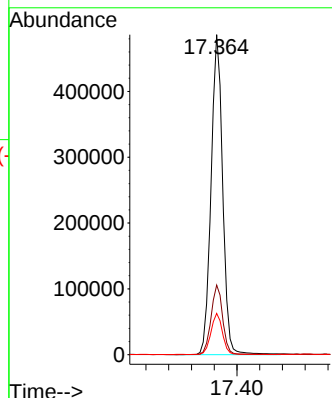
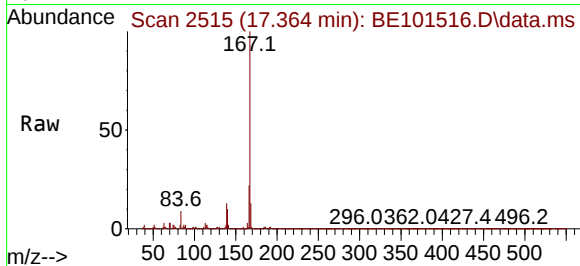
#73
 Carbazole
 Concen: 38.881 ng
 RT: 17.364 min Scan# 2516
 Delta R.T. -0.005 min
 Lab File: BE101516.D
 Acq: 7 Nov 2024 3:38

Instrument :
 BNA_E
 ClientSampleId :
 WC-WOOD-01-C

Tgt Ion:167 Resp: 683419
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 12.9 10.2 15.2

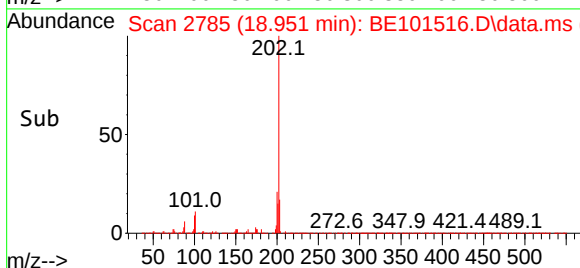
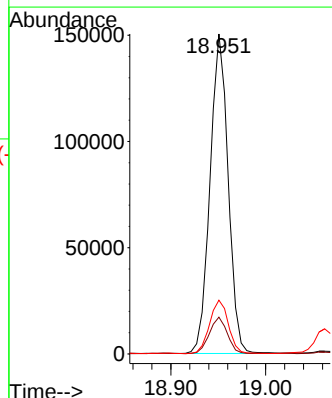
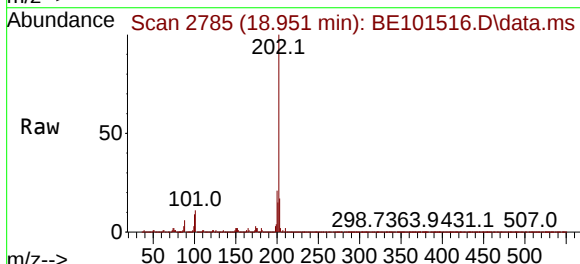
Manual Integrations
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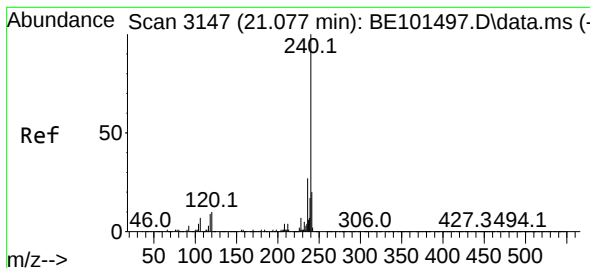
Reviewed By :Jagrut Upadhyay 11/07/2024
 Supervised By :mohammad ahmed 11/08/2024



#75
 Fluoranthene
 Concen: 8.773 ng
 RT: 18.951 min Scan# 2785
 Delta R.T. -0.005 min
 Lab File: BE101516.D
 Acq: 7 Nov 2024 3:38

Tgt Ion:202 Resp: 199650
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 31.7
 203 16.8 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.066 min Scan# 3145

Delta R.T. -0.011 min

Lab File: BE101516.D

Acq: 7 Nov 2024 3:38

Instrument :

BNA_E

ClientSampleId :

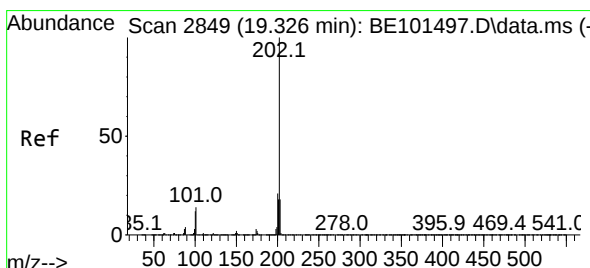
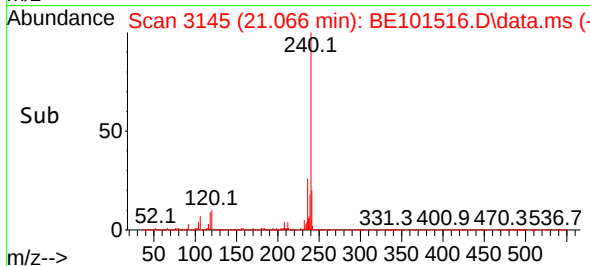
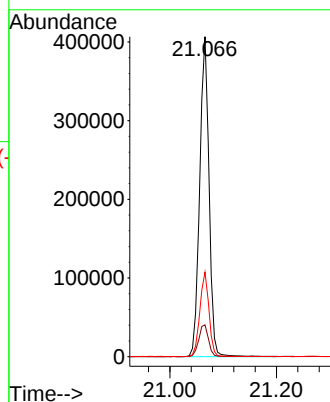
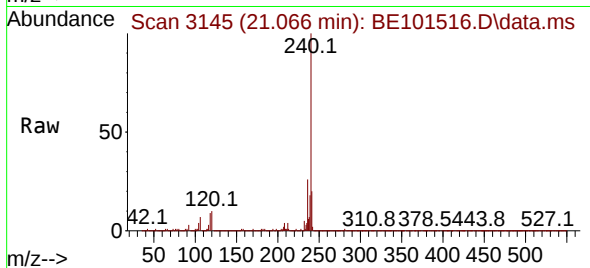
WC-WOOD-01-C

Tgt Ion:	240	Resp:	49141
Ion Ratio	Lower	Upper	
240	100		
120	10.0	8.2	12.4
236	26.4	21.4	32.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#78

Pyrene

Concen: 5.075 ng

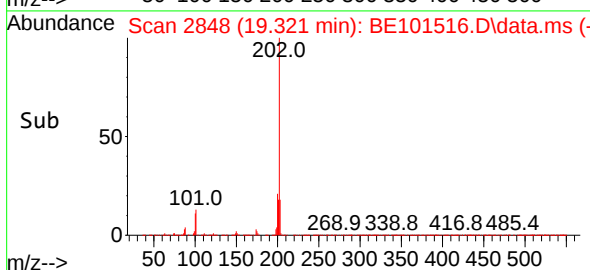
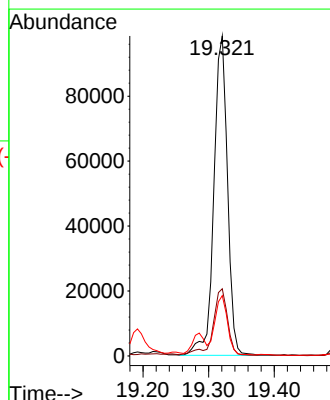
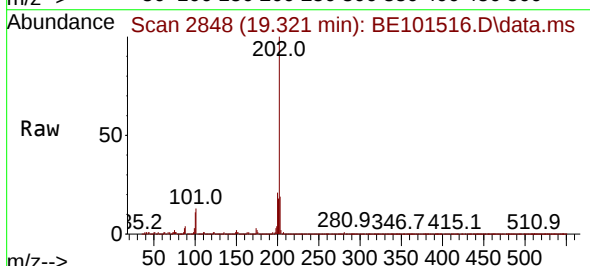
RT: 19.321 min Scan# 2848

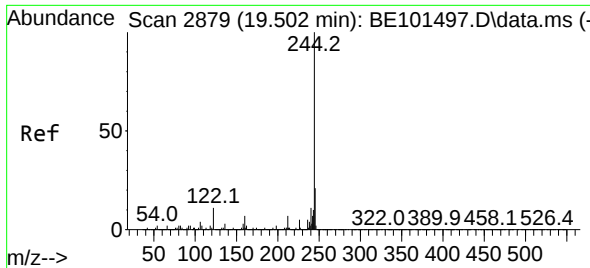
Delta R.T. -0.005 min

Lab File: BE101516.D

Acq: 7 Nov 2024 3:38

Tgt Ion:	202	Resp:	141902
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.2	25.8
203	18.9	14.2	21.4





#79
 Terphenyl-d14
 Concen: 94.623 ng
 RT: 19.503 min Scan# 210065
 Delta R.T. 0.001 min
 Lab File: BE101516.D
 Acq: 7 Nov 2024 3:38

Instrument :

BNA_E

ClientSampleId :

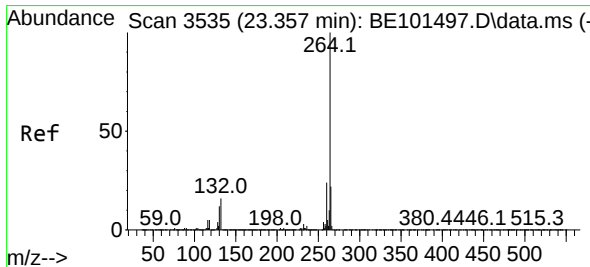
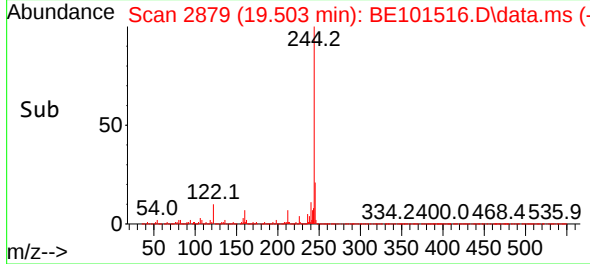
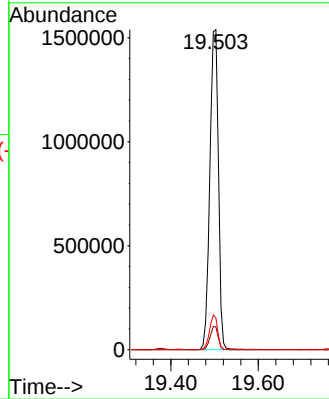
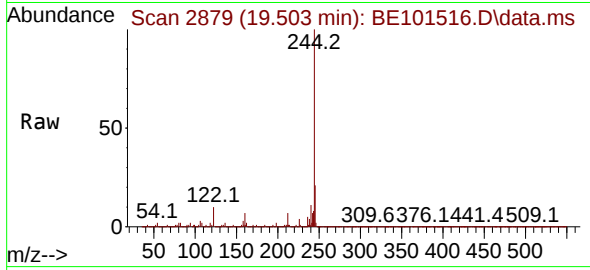
WC-WOOD-01-C

Tgt Ion:244 Resp: 210065
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 9.9 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/07/2024
 Supervised By :mohammad ahmed 11/08/2024



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.346 min Scan# 3533
 Delta R.T. -0.011 min
 Lab File: BE101516.D
 Acq: 7 Nov 2024 3:38

Tgt Ion:264 Resp: 502658
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.6 17.4 26.2

