

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037483.D
 Acq On : 12 Nov 2022 00:56
 Operator : CG/JU
 Sample : N5414-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW3

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 11/12/2022
 Supervised By : Jagrut Upadhyay 11/12/2022

Quant Time: Nov 12 01:31:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 11 22:49:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	237927	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	924822	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	532624	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	998284	20.000	ng	0.00
76) Chrysene-d12	21.380	240	921804	20.000	ng	0.00
86) Perylene-d12	23.715	264	945573	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	587752	42.678	ng	0.00
7) Phenol-d6	6.987	99	441389	23.615	ng	0.00
23) Nitrobenzene-d5	8.975	82	1269582	69.261	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	708400	112.860	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2499466	62.352	ng	0.00
79) Terphenyl-d14	19.821	244	1532528	29.814	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	820	0.145	ng	# 1
3) Pyridine	3.634	79	7459	0.444	ng	# 12
4) n-Nitrosodimethylamine	3.563	42	4954	0.675	ng	# 1
6) Aniline	7.187	93	30357	1.329	ng	# 1
8) 2-Chlorophenol	7.387	128	602	0.036	ng	# 17
10) Phenol	7.016	94	6565	0.313	ng	# 1
11) bis(2-Chloroethyl)ether	7.187	93	30357	1.808	ng	# 1
16) 2,2'-oxybis(1-Chloropr...	8.334	45	538	0.022	ng	# 1
17) 2-Methylphenol	8.281	107	7036	0.514	ng	# 1
19) n-Nitroso-di-n-propyla...	8.645	70	723	0.130	ng	# 16
25) Isophorone	9.528	82	835	0.027	ng	# 40
26) 2-Nitrophenol	9.722	139	72	0.009	ng	# 1
27) 2,4-Dimethylphenol	9.792	122	94574m	7.660	ng	
28) bis(2-Chloroethoxy)met...	10.122	93	7051	0.370	ng	95
29) 2,4-Dichlorophenol	10.269	162	2332	0.165	ng	# 36
31) Naphthalene	10.657	128	3080342	58.789	ng	99
35) Caprolactam	11.569	113	909	0.211	ng	# 1
36) 4-Chloro-3-methylphenol	11.922	107	4800	0.329	ng	# 22
37) 2-Methylnaphthalene	12.269	142	383970	10.816	ng	99
38) 1-Methylnaphthalene	12.486	142	609775	17.579	ng	100
40) 1,2,4,5-Tetrachloroben...	12.639	216	78	0.005	ng	# 1
46) 1,1'-Biphenyl	13.280	154	20436	0.475	ng	96
47) 2-Chloronaphthalene	13.327	162	447	0.013	ng	# 1
48) 2-Nitroaniline	13.516	65	1115	0.113	ng	# 42
49) Acenaphthylene	14.168	152	2300	0.043	ng	# 16
50) Dimethylphthalate	13.874	163	608	0.015	ng	# 1
51) 2,6-Dinitrotoluene	13.845	165	1383	0.161	ng	89
52) Acenaphthene	14.510	154	5666	0.173	ng	96
53) 3-Nitroaniline	14.380	138	313	0.033	ng	# 1
55) Dibenzofuran	14.851	168	2307	0.046	ng	# 79
56) 4-Nitrophenol	14.727	139	471	0.061	ng	# 1
57) 2,4-Dinitrotoluene	14.851	165	561	0.049	ng	# 1
58) Fluorene	15.498	166	10191	0.241	ng	# 97
60) Diethylphthalate	15.268	149	4874	0.123	ng	# 70
62) 4-Nitroaniline	15.545	138	94	0.010	ng	# 36
63) Azobenzene	15.815	77	5097	0.131	ng	# 47

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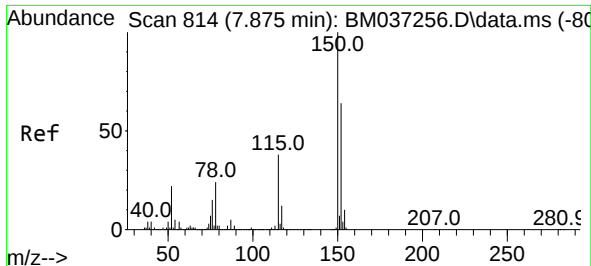
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) n-Nitrosodiphenylamine	15.704	169	699	0.021	ng	# 59
69) Atrazine	16.774	200	58	0.007	ng	# 35
70) Pentachlorophenol	16.862	266	255	0.032	ng	# 19
71) Phenanthrene	17.233	178	4311	0.070	ng	# 88
72) Anthracene	17.327	178	2422	0.041	ng	# 75
73) Carbazole	17.609	167	2199	0.041	ng	# 37
74) Di-n-butylphthalate	18.162	149	12691	0.214	ng	# 92
75) Fluoranthene	19.256	202	2803	0.043	ng	# 85
77) Benzidine	19.439	184	279	0.020	ng	# 1
78) Pyrene	19.621	202	2392	0.034	ng	# 44
80) Butylbenzylphthalate	20.515	149	659	0.026	ng	# 60
81) Benzo(a)anthracene	21.380	228	4574	0.070	ng	# 73
82) 3,3'-Dichlorobenzidine	21.321	252	442	0.023	ng	# 46
83) Chrysene	21.421	228	3010	0.048	ng	# 80
84) Bis(2-ethylhexyl)phtha...	21.292	149	5307	0.156	ng	# 91
85) Di-n-octyl phthalate	22.180	149	316	0.006	ng	# 1
87) Indeno(1,2,3-cd)pyrene	26.144	276	5226	0.068	ng	# 77
88) Benzo(b)fluoranthene	23.009	252	2898	0.044	ng	# 1
89) Benzo(k)fluoranthene	23.056	252	2010	0.030	ng	# 1
90) Benzo(a)pyrene	23.603	252	1880	0.035	ng	# 1
91) Dibenzo(a,h)anthracene	26.144	278	3595	0.056	ng	# 57
92) Benzo(g,h,i)perylene	26.879	276	5556	0.089	ng	# 80

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

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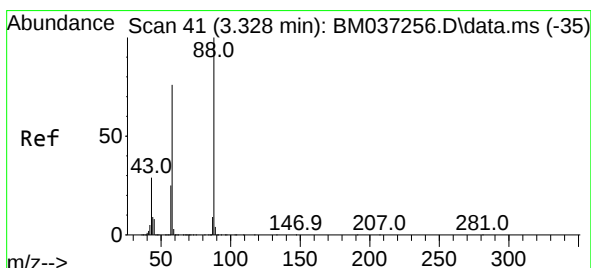
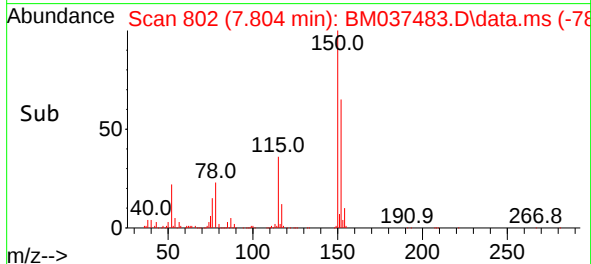
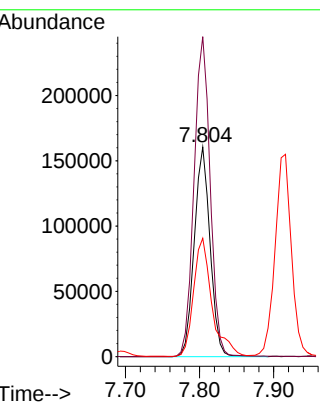
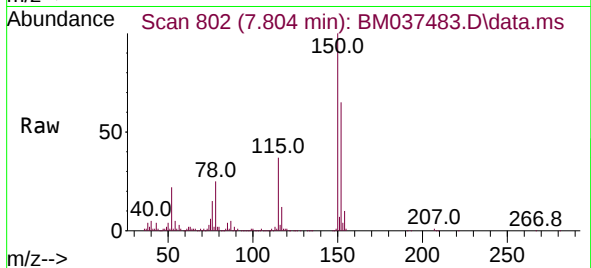
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037483.D
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Tgt Ion:152 Resp: 23792
Ion Ratio Lower Upper
152 100
150 152.8 124.8 187.2
115 56.5 47.0 70.4

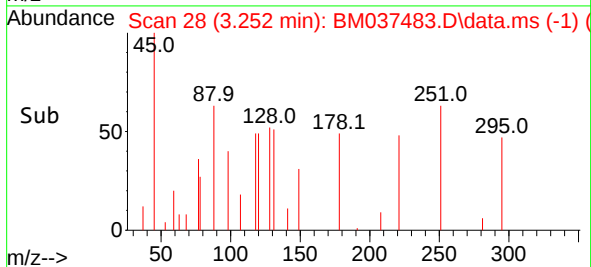
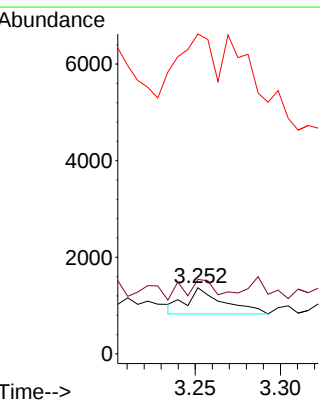
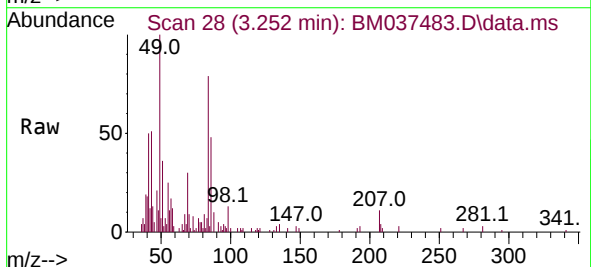
Manual Integrations
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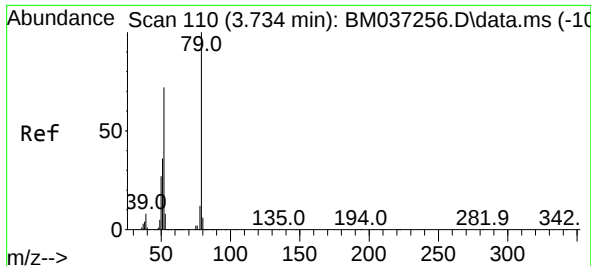
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#2
1,4-Dioxane
Concen: 0.145 ng
RT: 3.252 min Scan# 28
Delta R.T. 0.000 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

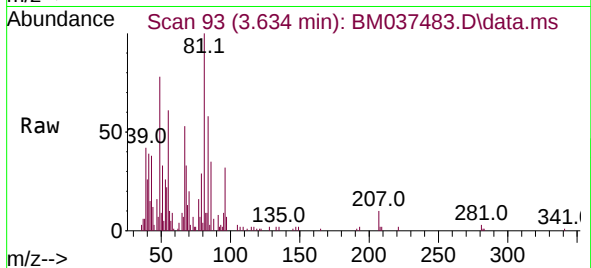
Tgt Ion: 88 Resp: 820
Ion Ratio Lower Upper
88 100
58 73.7 63.5 95.3
43 227.0 24.2 36.4





#3
Pyridine
Concen: 0.444 ng
RT: 3.634 min Scan# 91
Delta R.T. -0.029 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

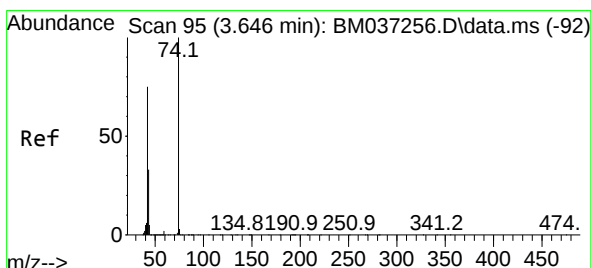
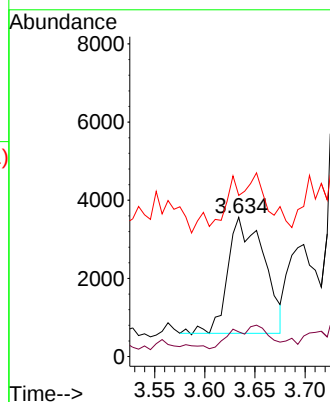
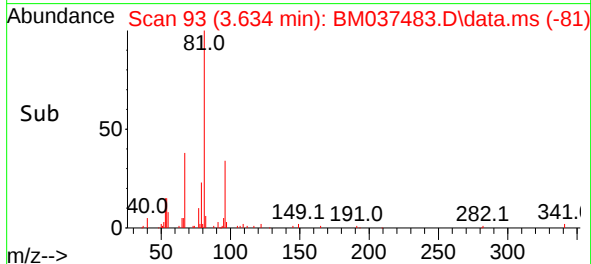
Instrument :
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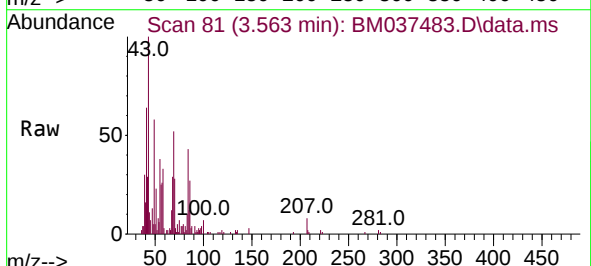
Tgt Ion: 79 Resp: 7459
Ion Ratio Lower Upper
79 100
52 17.7 57.8 86.6
51 115.8 29.0 43.6

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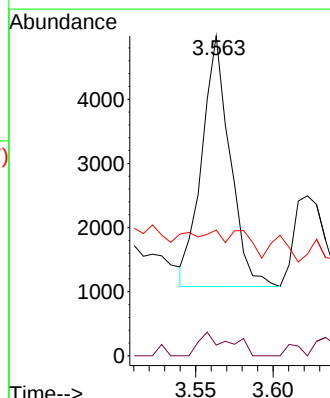
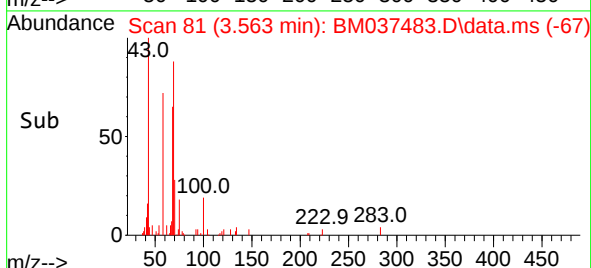
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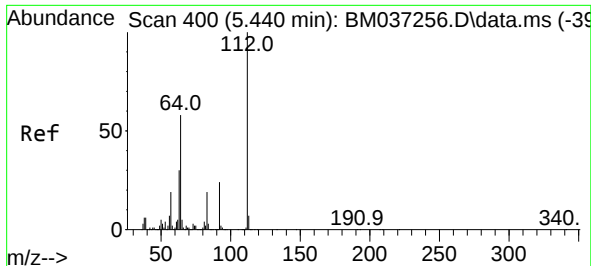


#4
n-Nitrosodimethylamine
Concen: 0.675 ng
RT: 3.563 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56



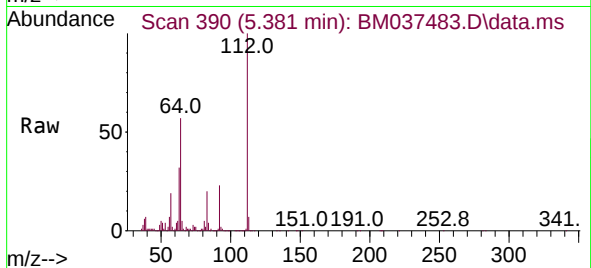
Tgt Ion: 42 Resp: 4954
Ion Ratio Lower Upper
42 100
74 3.3 106.2 159.2#
44 39.3 5.4 8.0#





#5
2-Fluorophenol
Concen: 42.678 ng
RT: 5.381 min Scan# 39
Delta R.T. 0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

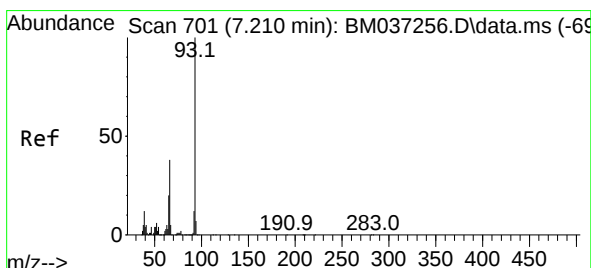
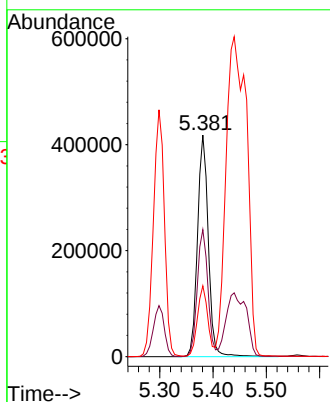
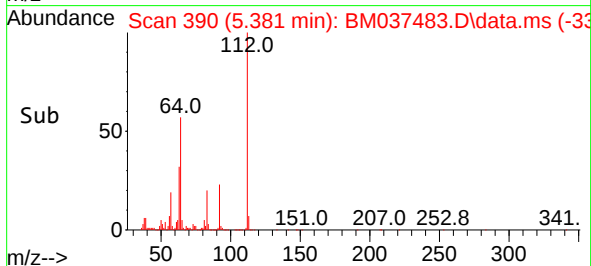
Instrument :
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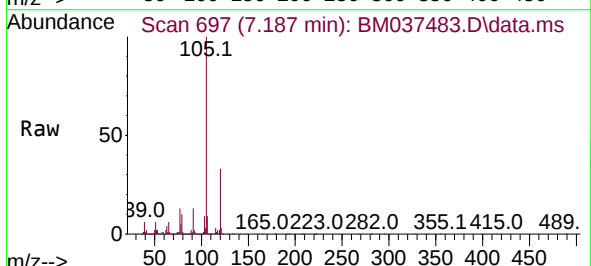
Tgt Ion: 112 Resp: 587752
Ion Ratio Lower Upper
112 100
64 57.3 46.8 70.2
63 32.0 24.4 36.6

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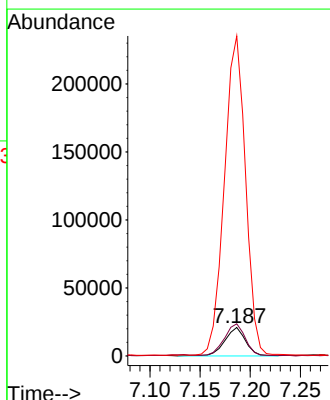
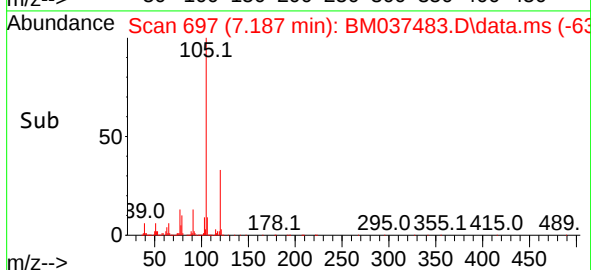
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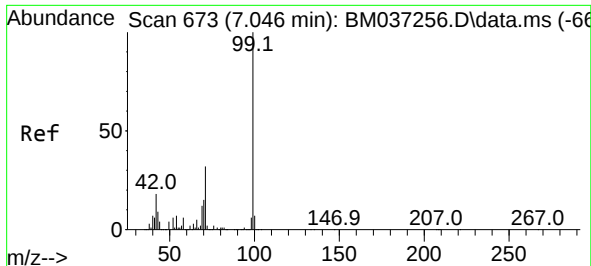


#6
Aniline
Concen: 1.329 ng
RT: 7.187 min Scan# 697
Delta R.T. 0.041 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56



Tgt Ion: 93 Resp: 30357
Ion Ratio Lower Upper
93 100
66 112.8 30.4 45.6#
65 1123.5 16.2 24.2#





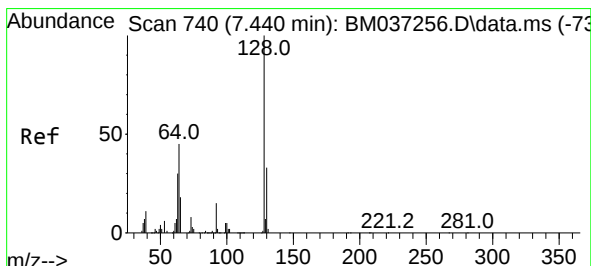
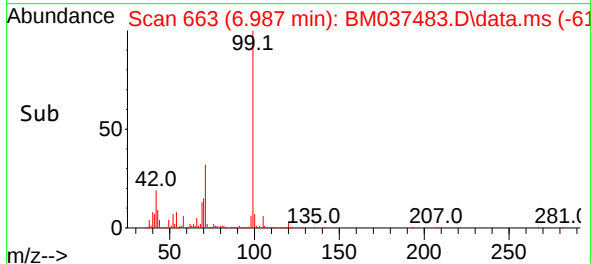
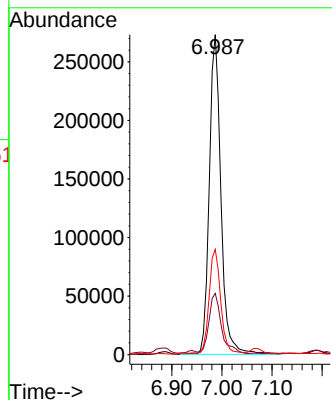
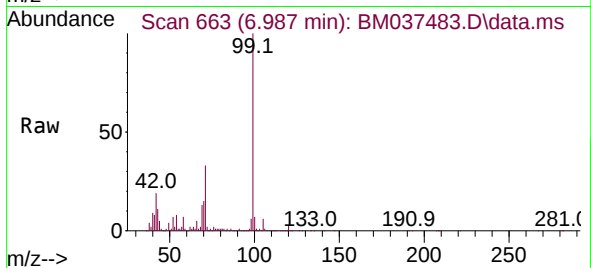
#7
Phenol-d6
Concen: 23.615 ng
RT: 6.987 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

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Tgt Ion: 99 Resp: 441389
Ion Ratio Lower Upper
99 100
42 19.1 14.8 22.2
71 32.9 25.6 38.4

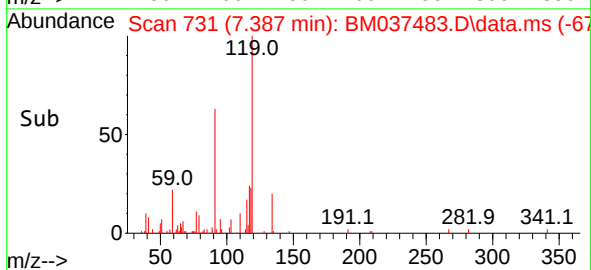
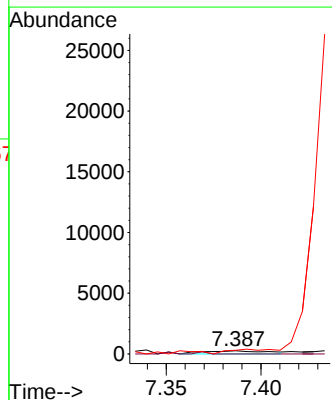
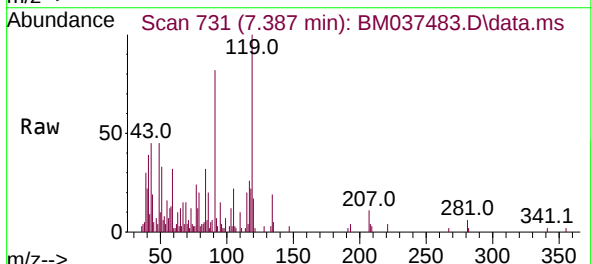
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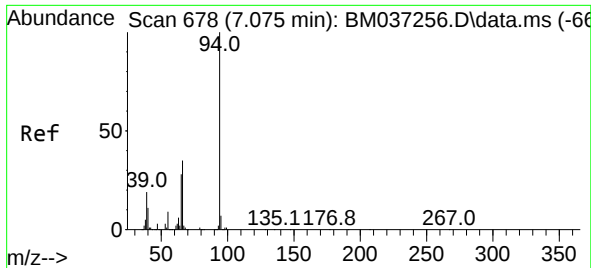
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#8
2-Chlorophenol
Concen: 0.036 ng
RT: 7.387 min Scan# 731
Delta R.T. 0.012 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Tgt Ion:128 Resp: 602
Ion Ratio Lower Upper
128 100
130 0.0 12.7 52.7#
64 113.0 26.4 66.4#





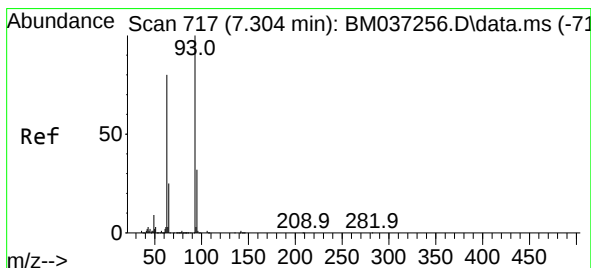
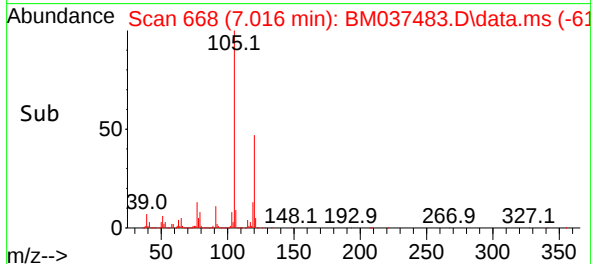
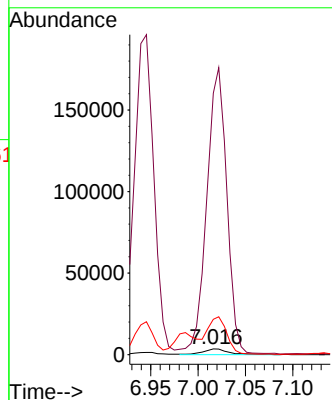
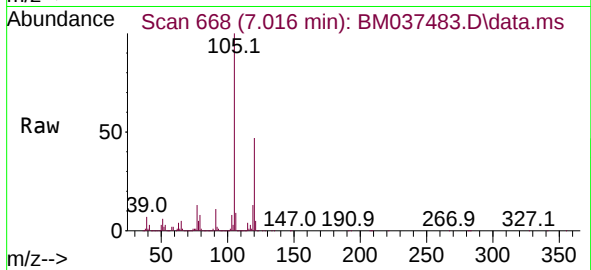
#10
Phenol
Concen: 0.313 ng
RT: 7.016 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

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Tgt Ion: 94 Resp: 656
Ion Ratio Lower Upper
94 100
65 4544.2 8.1 48.1
66 612.9 15.5 55.5

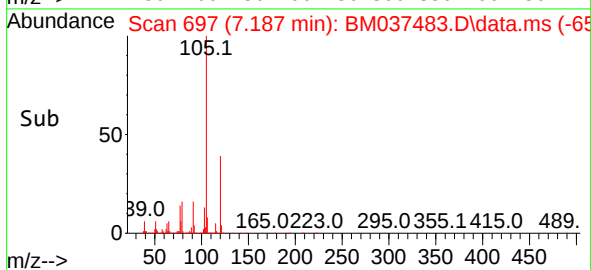
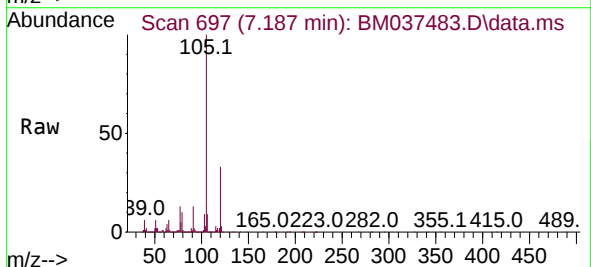
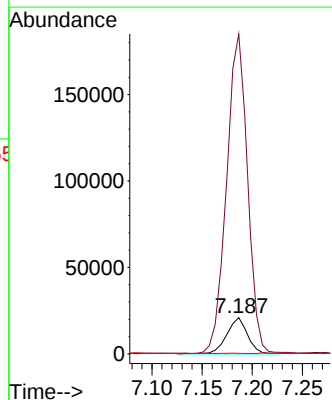
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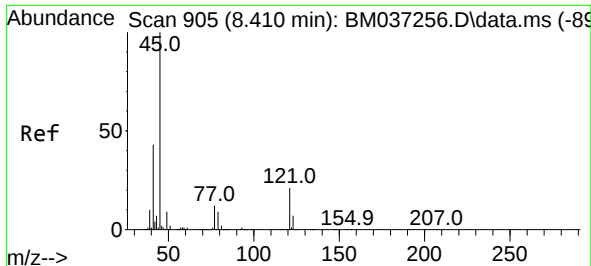
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#11
bis(2-Chloroethyl)ether
Concen: 1.808 ng
RT: 7.187 min Scan# 697
Delta R.T. -0.053 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Tgt Ion: 93 Resp: 30357
Ion Ratio Lower Upper
93 100
63 883.7 59.3 99.3#
95 1.7 12.0 52.0#





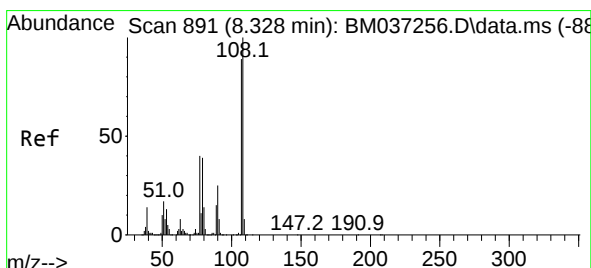
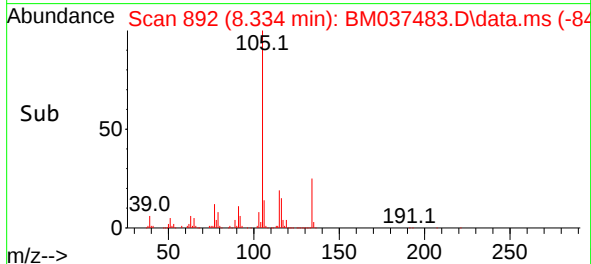
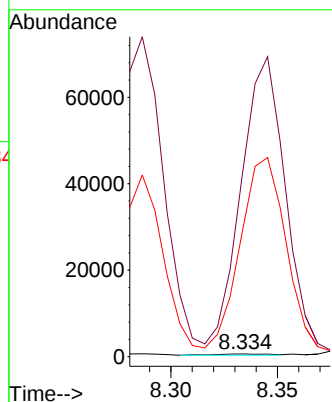
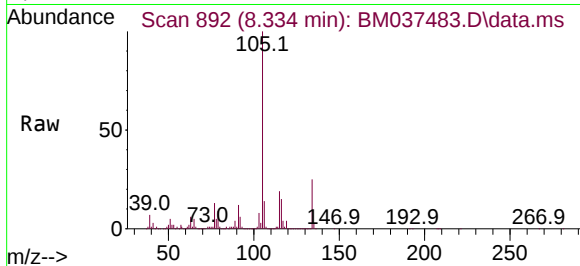
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.022 ng
RT: 8.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

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Tgt Ion: 45 Resp: 538
Ion Ratio Lower Upper
45 100
77 6937.7 0.0 34.6
79 4765.9 0.0 30.6

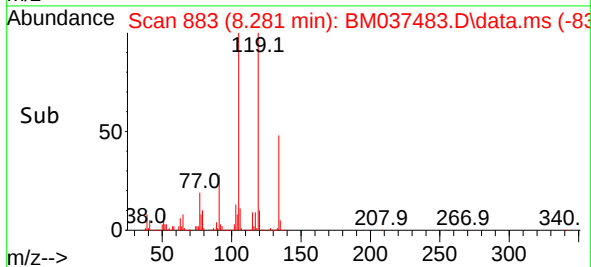
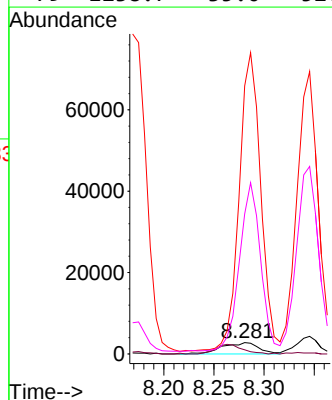
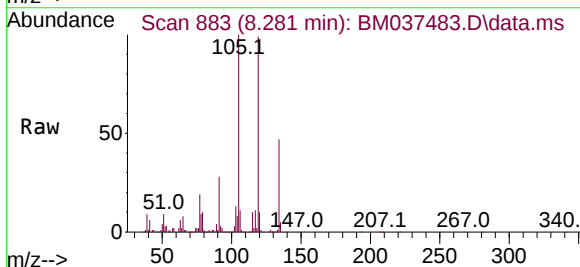
Manual Integrations
APPROVED

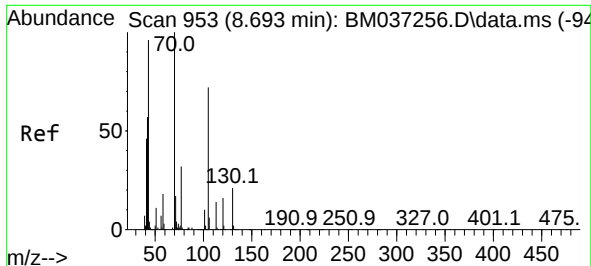
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#17
2-Methylphenol
Concen: 0.514 ng
RT: 8.281 min Scan# 883
Delta R.T. 0.012 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

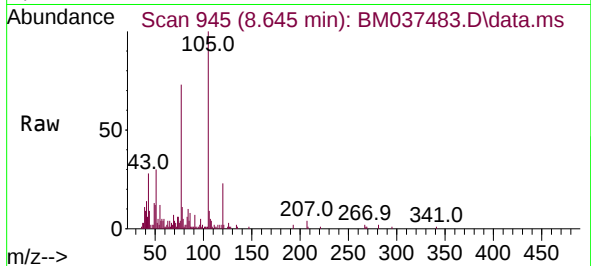
Tgt Ion:107 Resp: 7036
Ion Ratio Lower Upper
107 100
108 36.0 89.5 134.3#
77 2372.3 36.2 54.2#
79 1238.7 35.0 52.6#





#19
n-Nitroso-di-n-propylamine
Concen: 0.130 ng
RT: 8.645 min Scan# 94
Delta R.T. 0.018 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

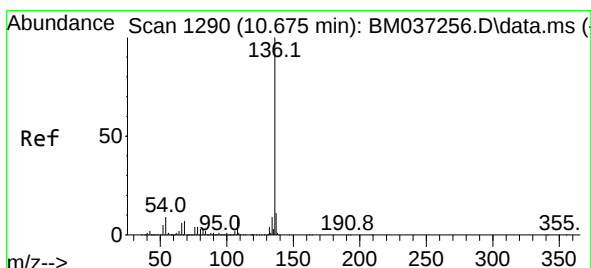
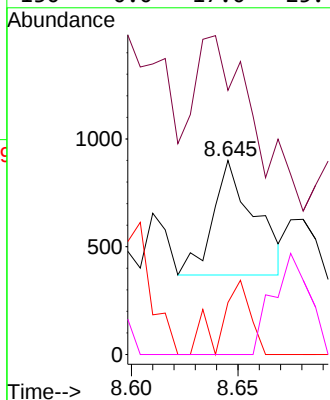
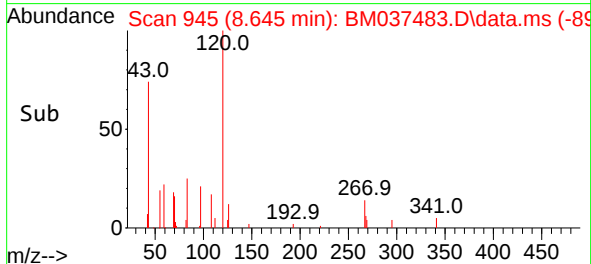
Instrument :
BNA_M
ClientSampleId :
MW3



Tgt Ion: 70 Resp: 723
Ion Ratio Lower Upper
70 100
42 136.1 46.4 69.6
101 26.8 7.8 11.8
130 0.0 17.0 25.4

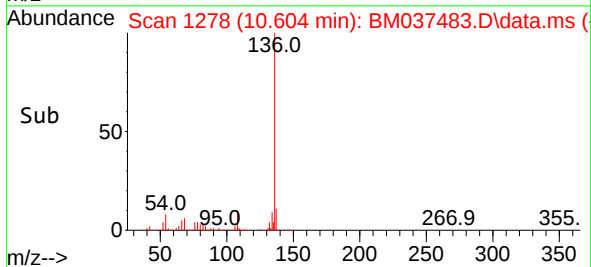
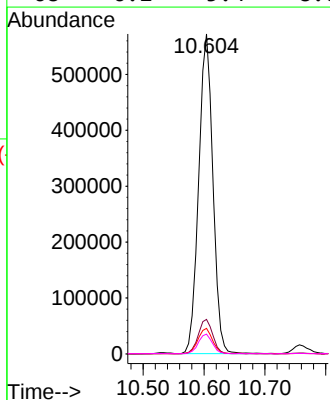
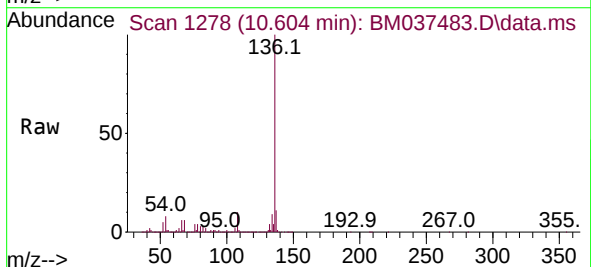
Manual Integrations
APPROVED

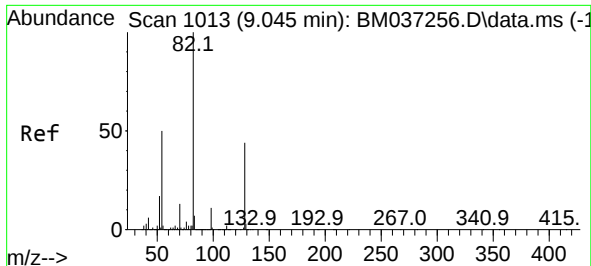
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

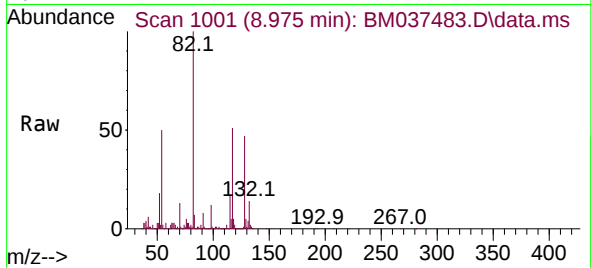
Tgt Ion:136 Resp: 924822
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.0 7.0 10.4
68 6.2 5.4 8.0





#23
Nitrobenzene-d5
Concen: 69.261 ng
RT: 8.975 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

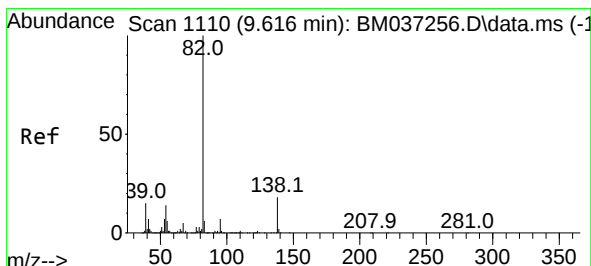
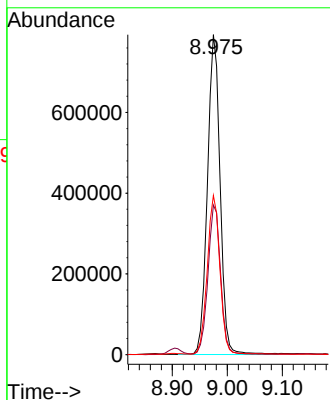
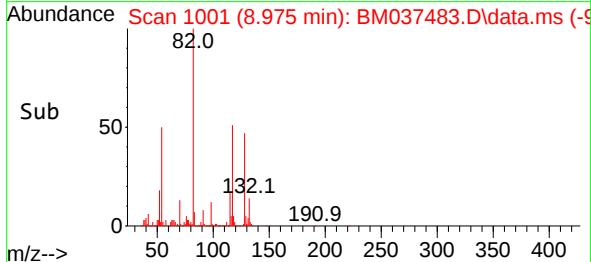
Instrument :
BNA_M
ClientSampleId :
MW3



Tgt Ion: 82 Resp: 1269582
Ion Ratio Lower Upper
82 100
128 46.7 35.2 52.8
54 49.7 40.4 60.6

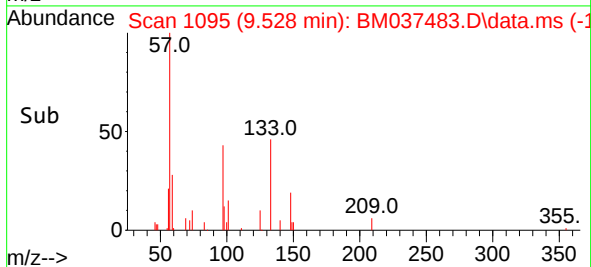
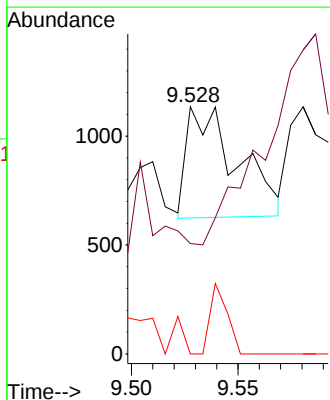
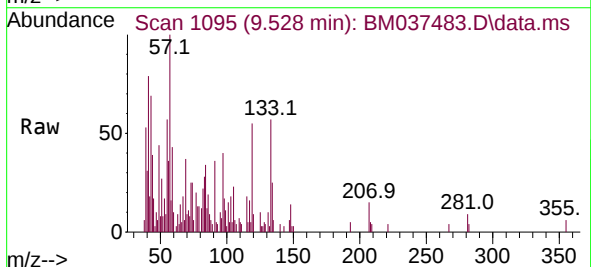
Manual Integrations
APPROVED

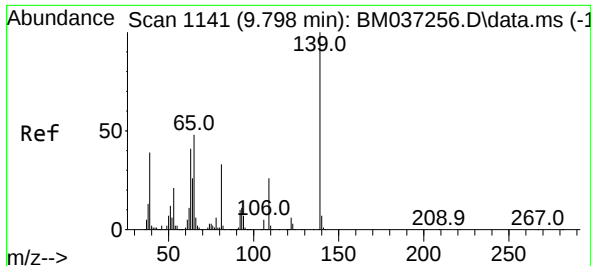
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#25
Isophorone
Concen: 0.027 ng
RT: 9.528 min Scan# 1095
Delta R.T. -0.024 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

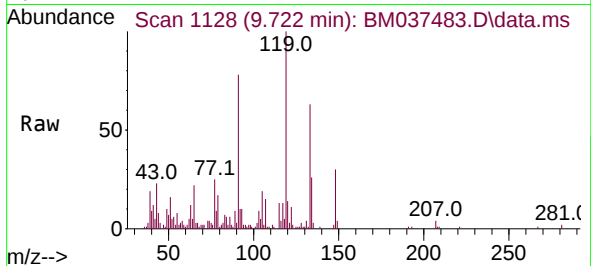
Tgt Ion: 82 Resp: 835
Ion Ratio Lower Upper
82 100
95 44.7 5.4 8.0#
138 0.0 14.2 21.4#





#26
2-Nitrophenol
Concen: 0.009 ng
RT: 9.722 min Scan# 1140
Delta R.T. -0.012 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

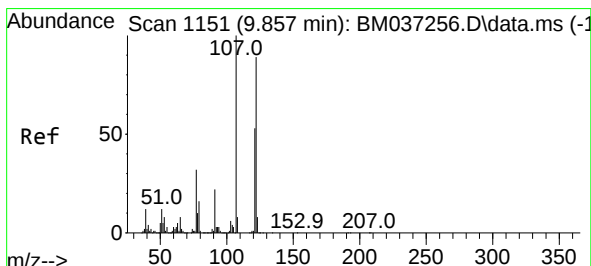
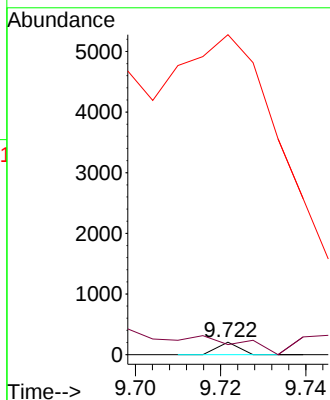
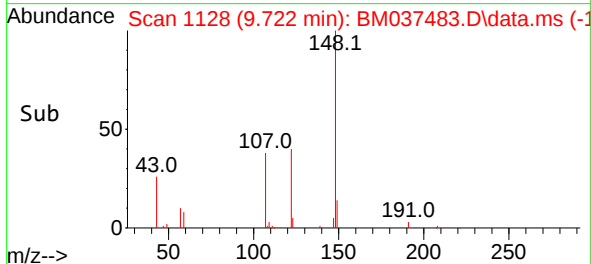
Instrument :
BNA_M
ClientSampleId :
MW3



Tgt Ion:139 Resp: 72
Ion Ratio Lower Upper
139 100
109 81.0 21.1 31.7
65 2574.6 38.6 58.0

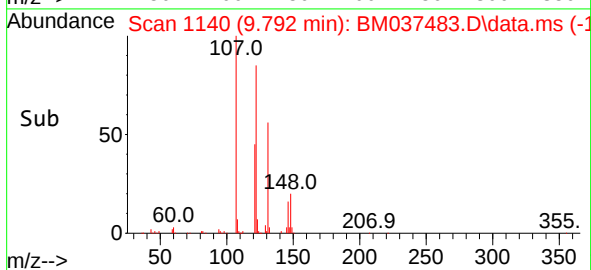
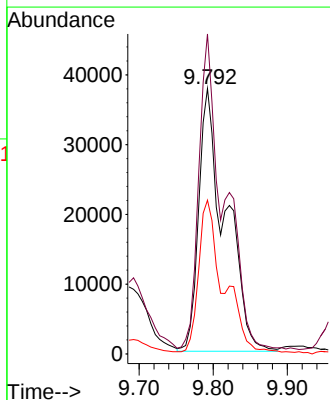
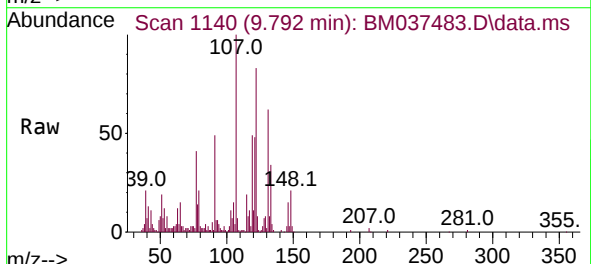
Manual Integrations
APPROVED

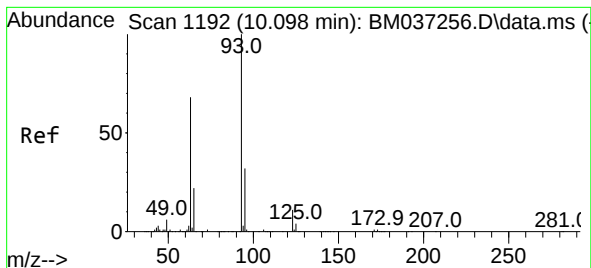
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#27
2,4-Dimethylphenol
Concen: 7.660 ng m
RT: 9.792 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Tgt Ion:122 Resp: 94574
Ion Ratio Lower Upper
122 100
107 120.6 89.7 134.5
121 57.9 47.1 70.7





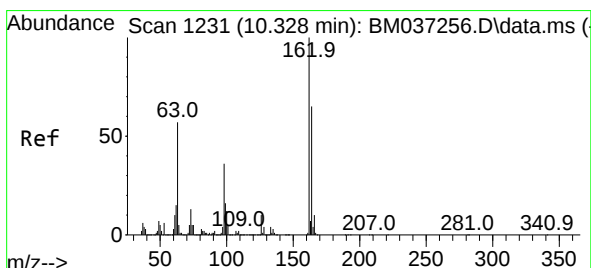
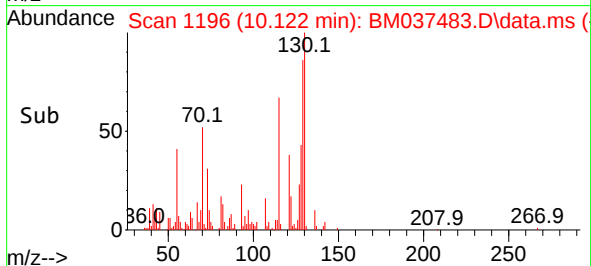
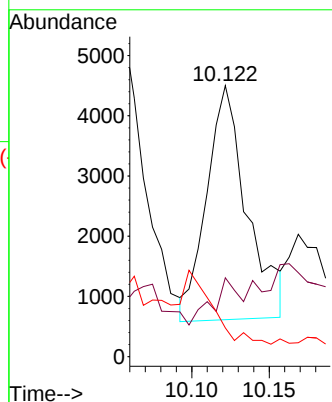
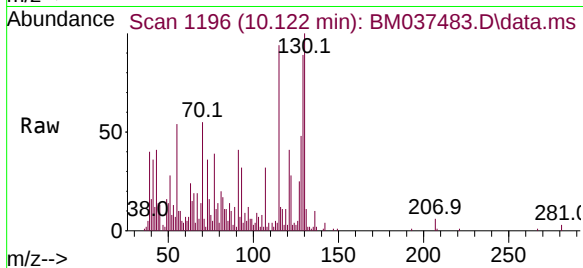
#28
bis(2-Chloroethoxy)methane
Concen: 0.370 ng
RT: 10.122 min Scan# 1196
Delta R.T. 0.088 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Instrument :
BNA_M
ClientSampleId :
MW3

Tgt Ion: 93 Resp: 705
Ion Ratio Lower Upper
93 100
95 29.1 25.8 38.8
123 10.6 9.3 13.9

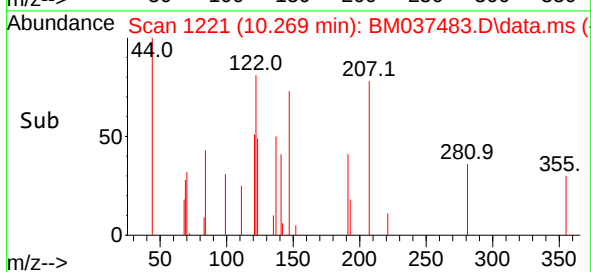
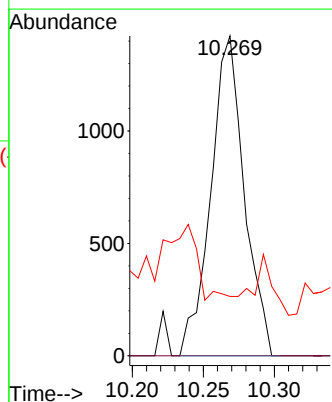
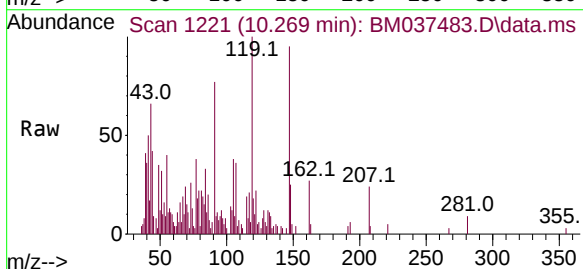
Manual Integrations
APPROVED

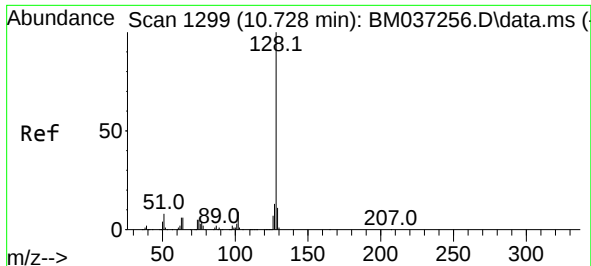
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#29
2,4-Dichlorophenol
Concen: 0.165 ng
RT: 10.269 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Tgt Ion:162 Resp: 2332
Ion Ratio Lower Upper
162 100
164 0.0 45.0 85.0#
98 18.6 16.2 56.2





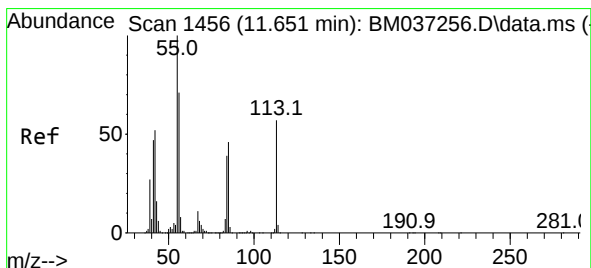
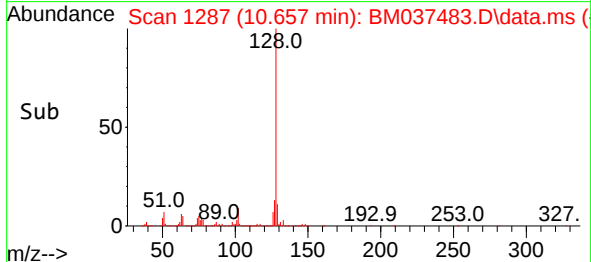
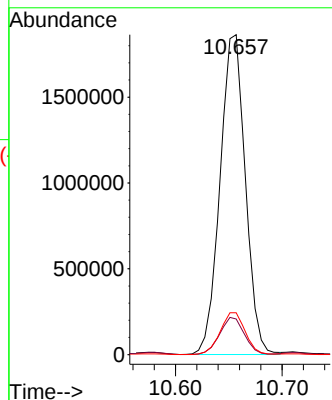
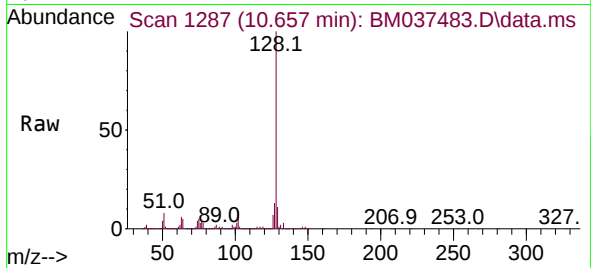
#31
Naphthalene
Concen: 58.789 ng
RT: 10.657 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Instrument :
BNA_M
ClientSampleId :
MW3

Tgt Ion:128 Resp: 3080342
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.1 10.2 15.2

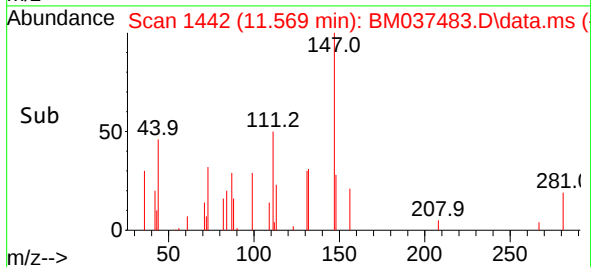
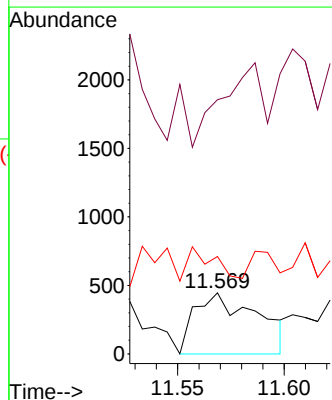
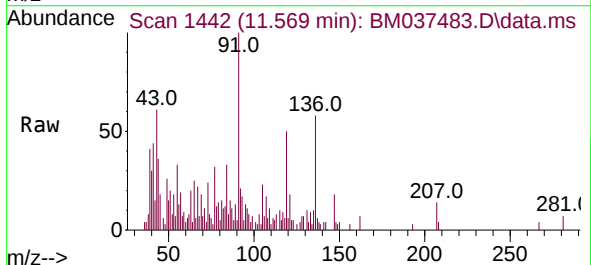
Manual Integrations
APPROVED

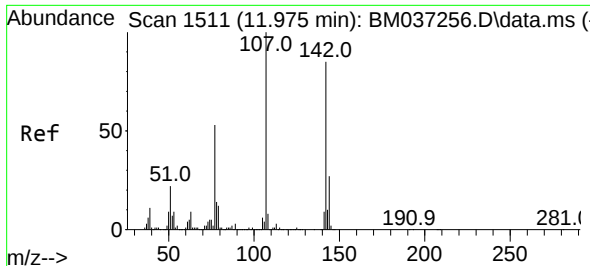
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#35
Caprolactam
Concen: 0.211 ng
RT: 11.569 min Scan# 1442
Delta R.T. -0.047 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

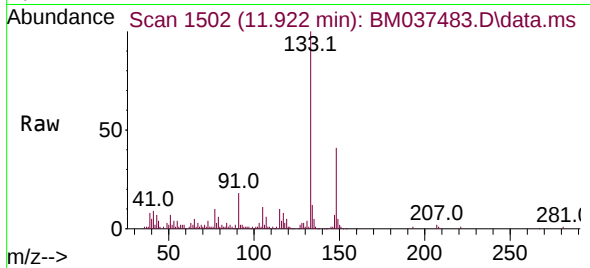
Tgt Ion:113 Resp: 909
Ion Ratio Lower Upper
113 100
55 416.1 156.9 196.9#
56 159.4 106.4 146.4#





#36
4-Chloro-3-methylphenol
Concen: 0.329 ng
RT: 11.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

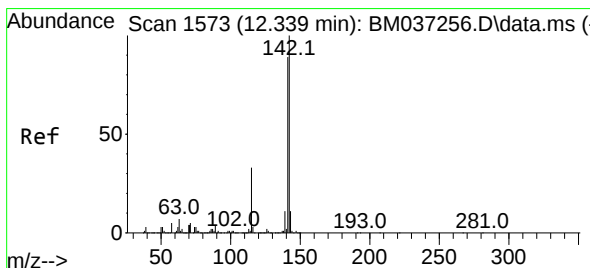
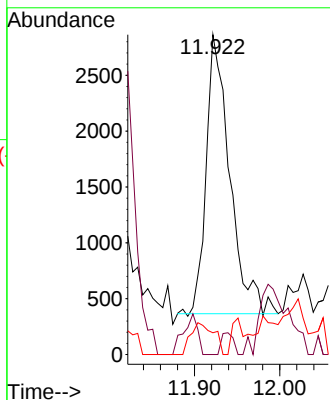
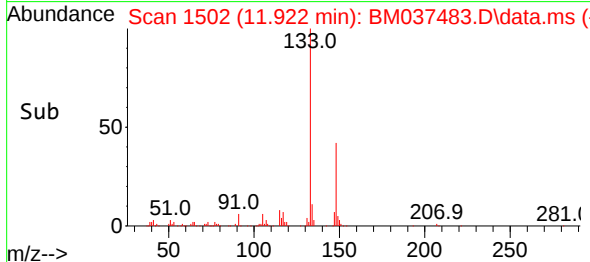
Instrument :
BNA_M
ClientSampleId :
MW3



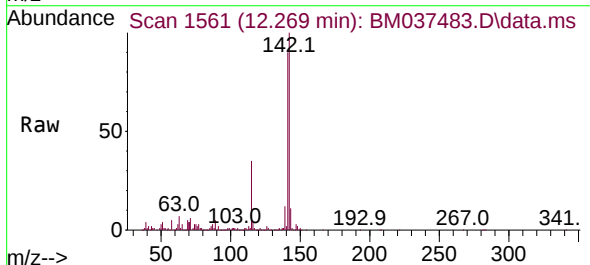
Tgt Ion:107 Resp: 4800
Ion Ratio Lower Upper
107 100
144 0.0 21.8 32.6
142 6.8 68.1 102.1

Manual Integrations
APPROVED

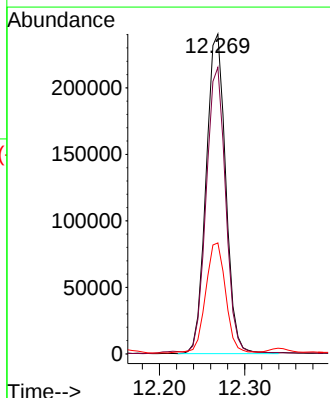
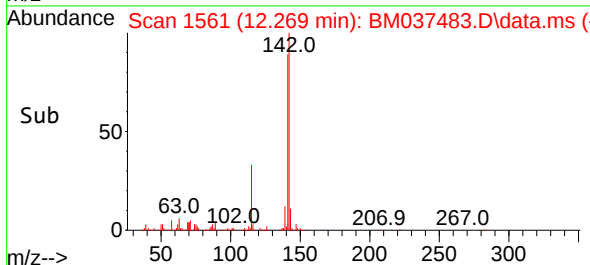
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

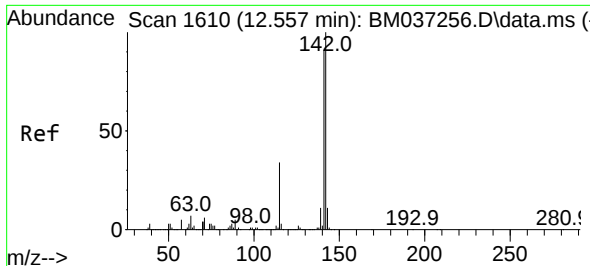


#37
2-Methylnaphthalene
Concen: 10.816 ng
RT: 12.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56



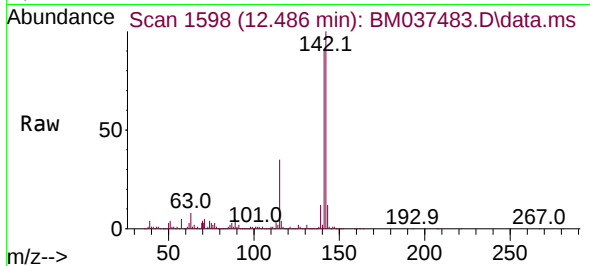
Tgt Ion:142 Resp: 383970
Ion Ratio Lower Upper
142 100
141 89.5 71.3 106.9
115 34.7 26.0 39.0





#38
1-Methylnaphthalene
Concen: 17.579 ng
RT: 12.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

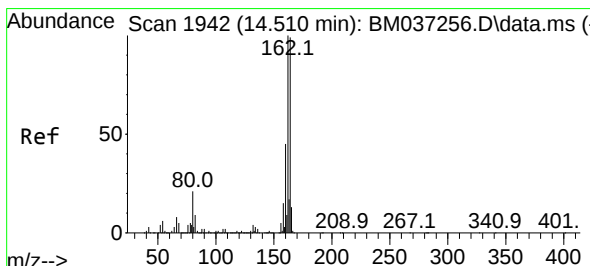
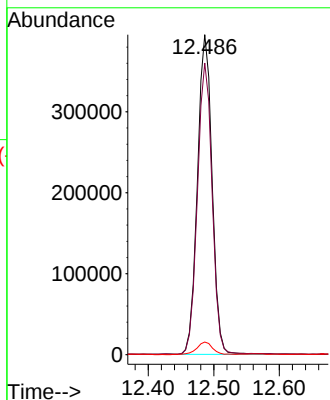
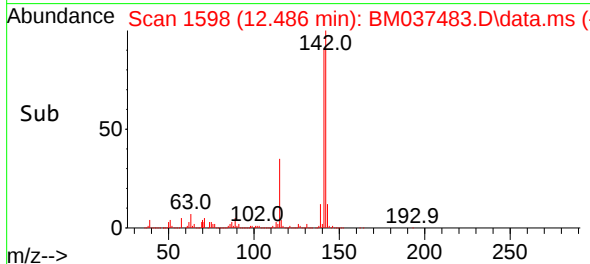
Instrument :
BNA_M
ClientSampleId :
MW3



Tgt Ion:142 Resp: 609775
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.6
116 4.0 2.8 4.2

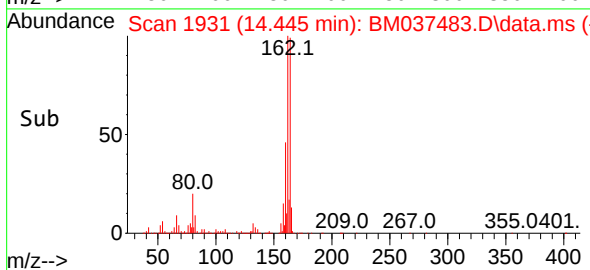
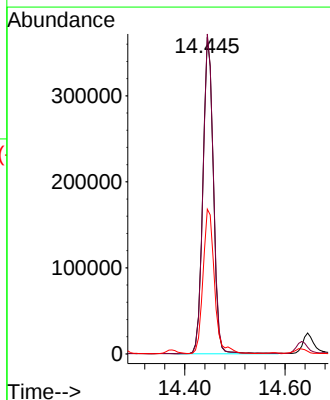
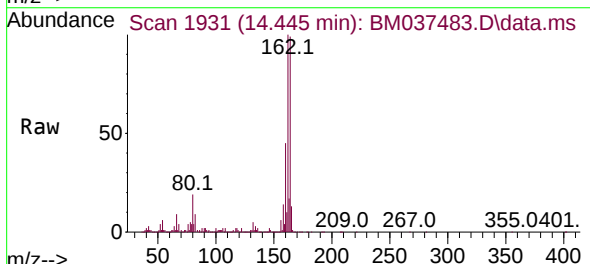
Manual Integrations
APPROVED

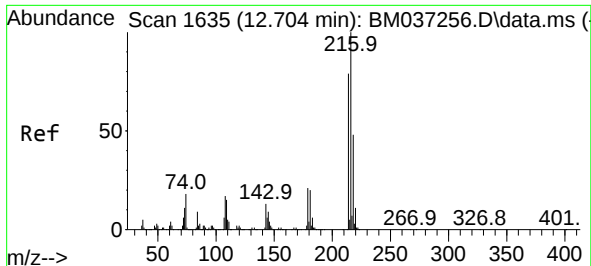
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

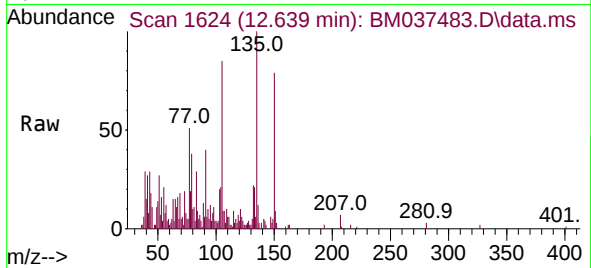
Tgt Ion:164 Resp: 532624
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 45.7 36.2 54.4





#40
1,2,4,5-Tetrachlorobenzene
Concen: 0.005 ng
RT: 12.639 min Scan# 10
Delta R.T. 0.000 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

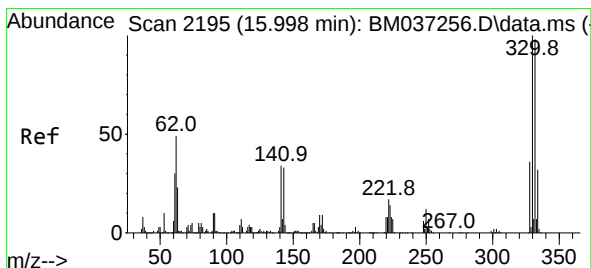
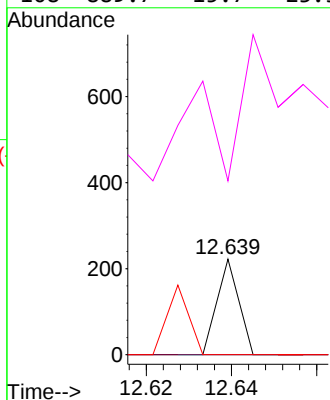
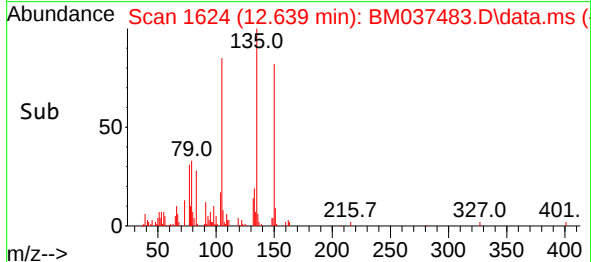
Instrument :
BNA_M
ClientSampleId :
MW3



Tgt Ion: 216 Resp: 78
Ion Ratio Lower Upper
216 100
214 0.0 63.1 94.7
179 0.0 16.8 25.2
108 889.7 15.7 23.5

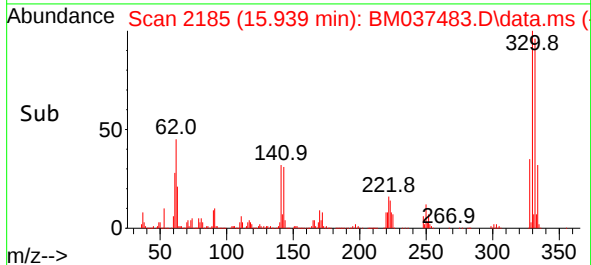
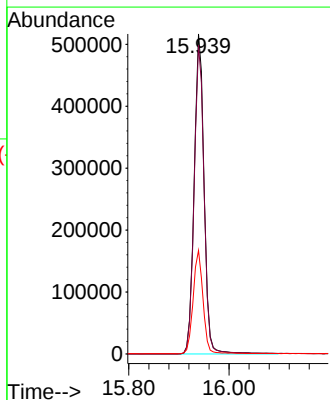
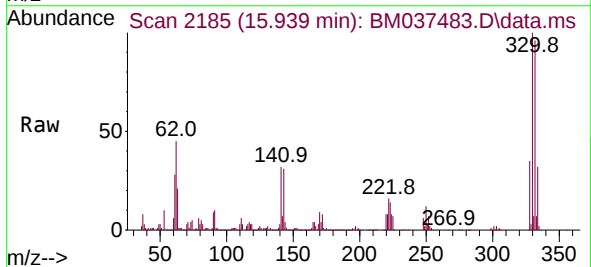
Manual Integrations
APPROVED

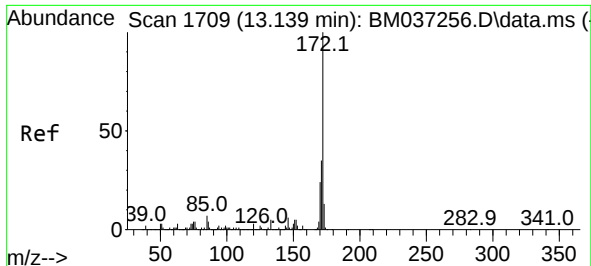
Reviewed By : Christian Giraldo 11/12/2022
Supervised By : Jagrut Upadhyay 11/12/2022



#42
2,4,6-Tribromophenol
Concen: 112.860 ng
RT: 15.939 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

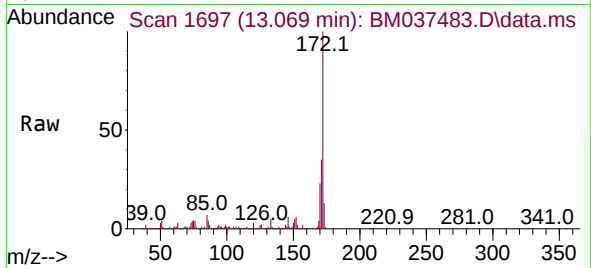
Tgt Ion: 330 Resp: 708400
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 32.1 27.5 41.3





#45
2-Fluorobiphenyl
Concen: 62.352 ng
RT: 13.069 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

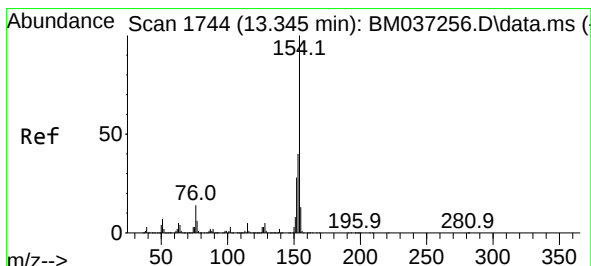
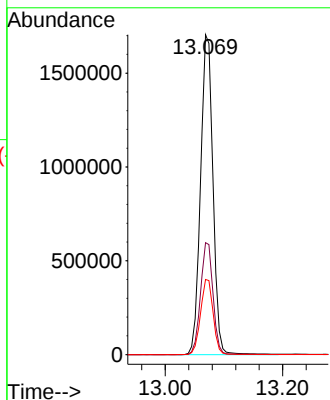
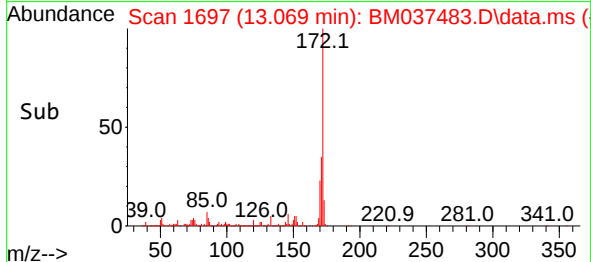
Instrument :
BNA_M
ClientSampleId :
MW3



Tgt Ion:172 Resp: 2499466
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.5 19.0 28.4

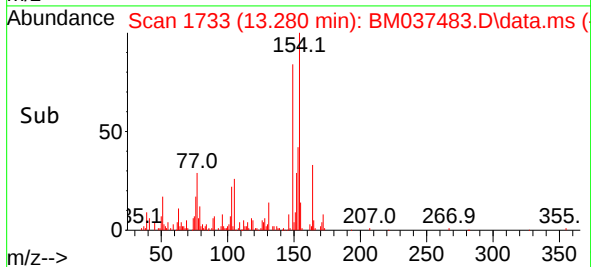
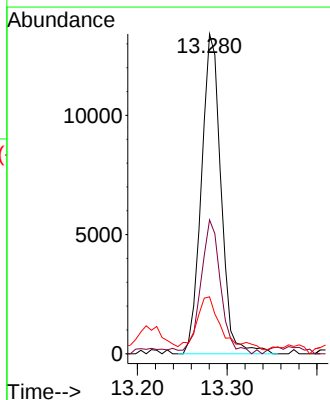
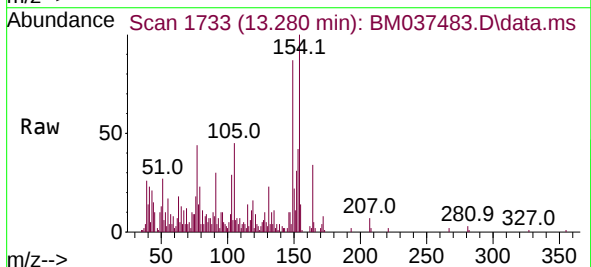
Manual Integrations
APPROVED

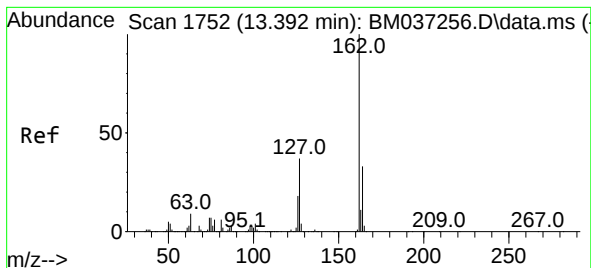
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#46
1,1'-Biphenyl
Concen: 0.475 ng
RT: 13.280 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

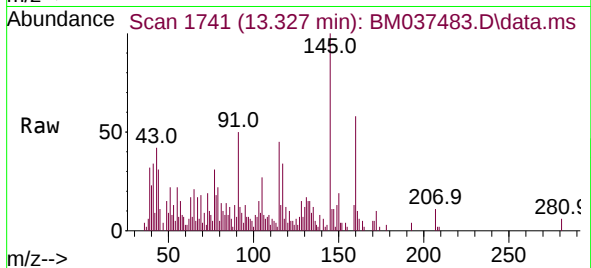
Tgt Ion:154 Resp: 20436
Ion Ratio Lower Upper
154 100
153 41.9 20.3 60.3
76 17.8 0.0 33.7





#47
2-Chloronaphthalene
Concen: 0.013 ng
RT: 13.327 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

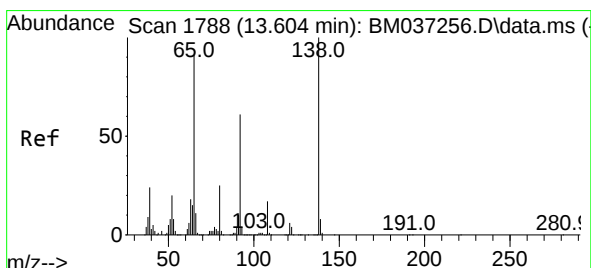
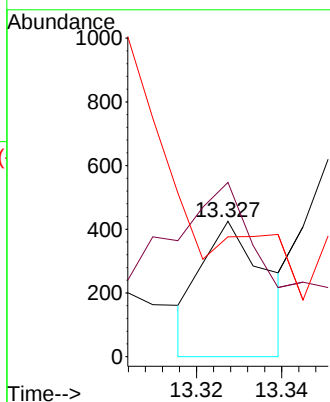
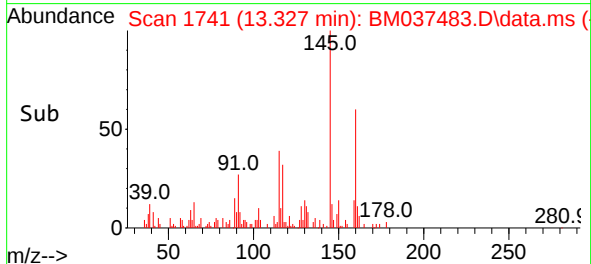
Instrument :
BNA_M
ClientSampleId :
MW3



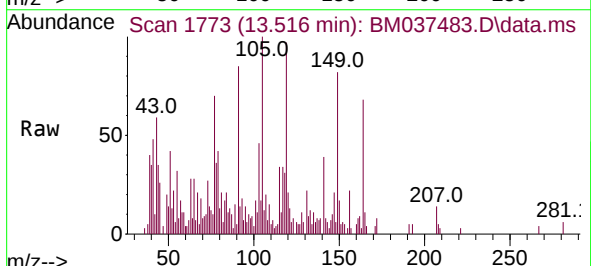
Tgt Ion:162 Resp: 447
Ion Ratio Lower Upper
162 100
127 128.7 29.5 44.3#
164 88.5 26.3 39.5#

Manual Integrations
APPROVED

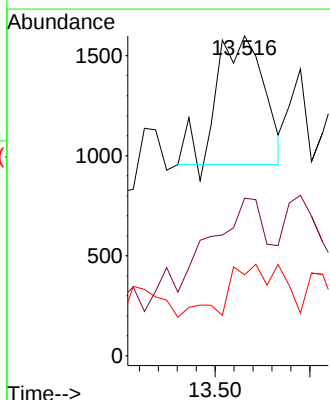
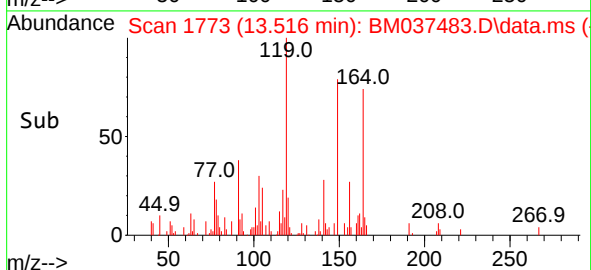
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

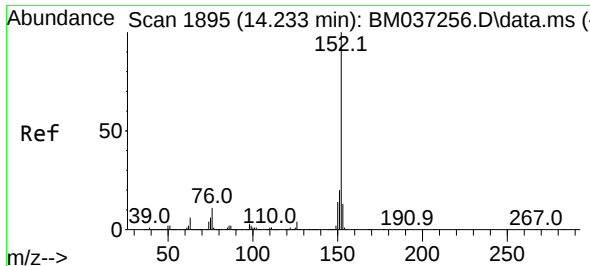


#48
2-Nitroaniline
Concen: 0.113 ng
RT: 13.516 min Scan# 1773
Delta R.T. -0.035 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56



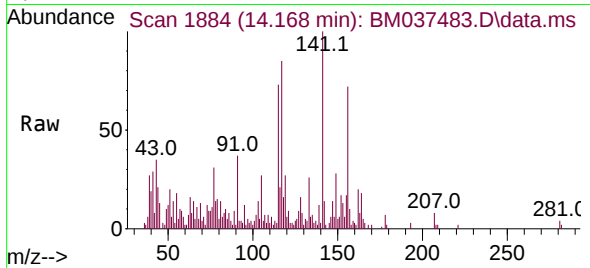
Tgt Ion: 65 Resp: 1115
Ion Ratio Lower Upper
65 100
92 49.3 53.7 80.5#
138 25.3 87.4 131.2#





#49
Acenaphthylene
Concen: 0.043 ng
RT: 14.168 min Scan# 1884
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

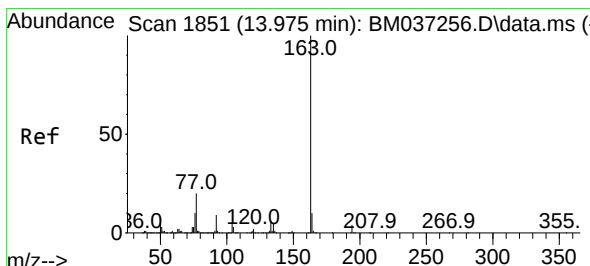
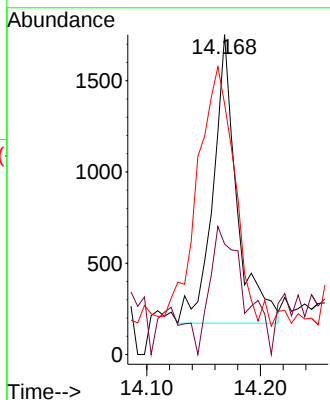
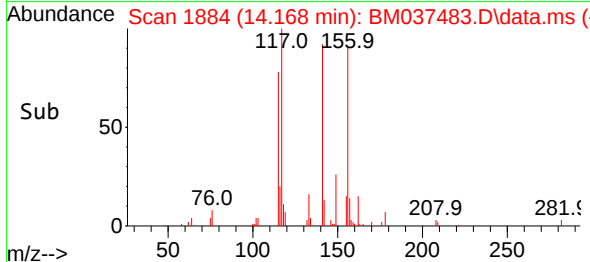
Instrument :
BNA_M
ClientSampleId :
MW3



Tgt Ion:152 Resp: 2300
Ion Ratio Lower Upper
152 100
151 34.5 16.0 24.0#
153 78.3 10.6 15.8#

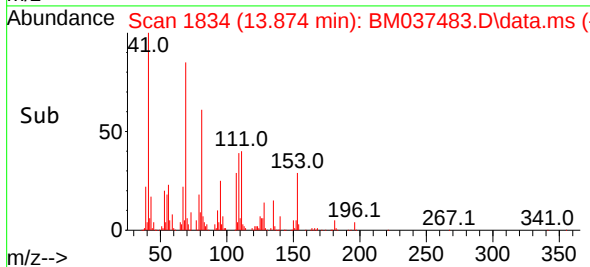
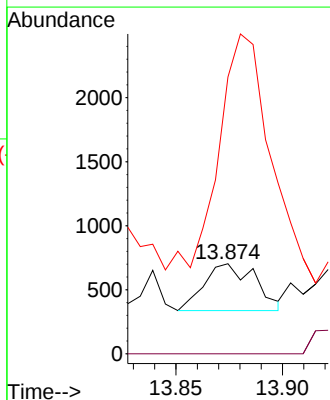
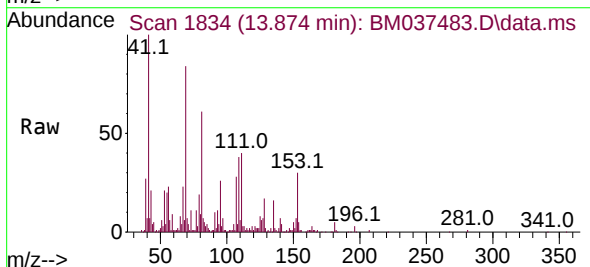
Manual Integrations
APPROVED

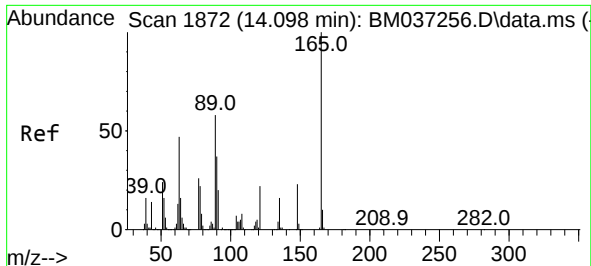
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#50
Dimethylphthalate
Concen: 0.015 ng
RT: 13.874 min Scan# 1834
Delta R.T. -0.053 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Tgt Ion:163 Resp: 608
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 307.0 8.2 12.2#





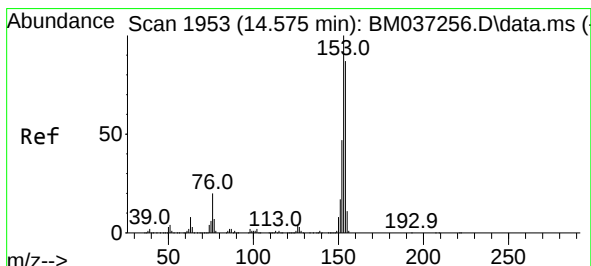
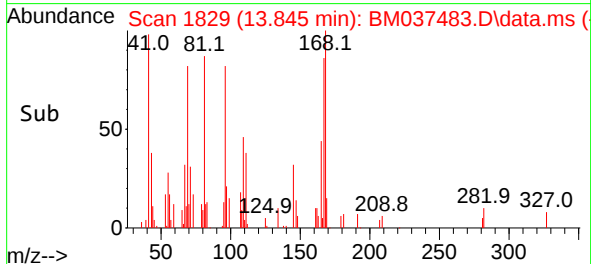
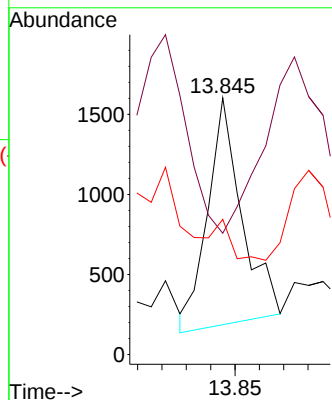
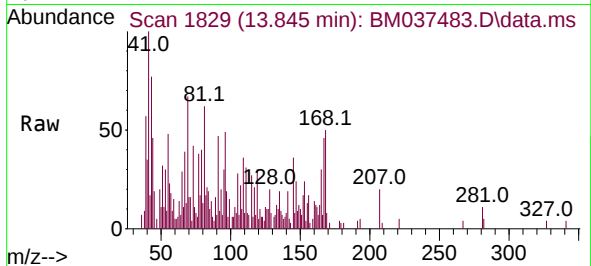
#51
2,6-Dinitrotoluene
Concen: 0.161 ng
RT: 13.845 min Scan# 1872
Delta R.T. -0.206 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Instrument :
BNA_M
ClientSampleId :
MW3

Tgt Ion:165 Resp: 1383
Ion Ratio Lower Upper
165 100
63 47.3 46.2 69.2
89 52.7 46.6 69.8

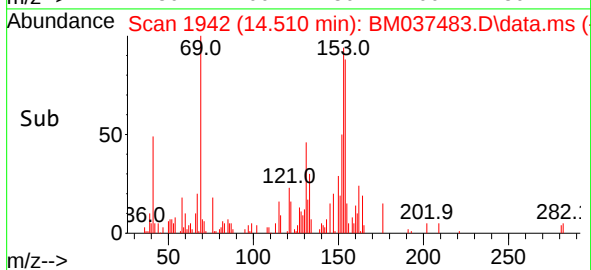
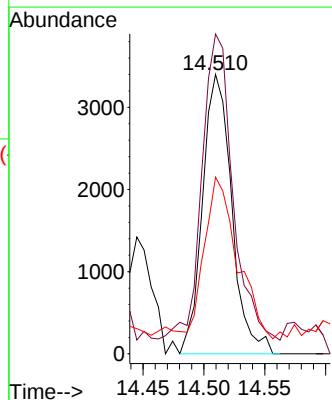
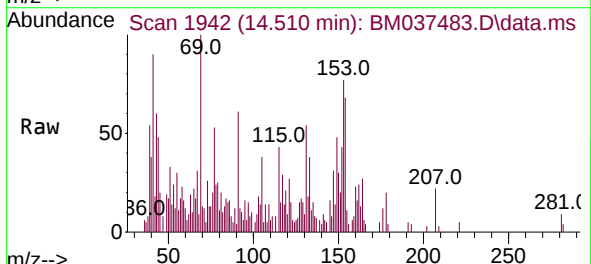
Manual Integrations
APPROVED

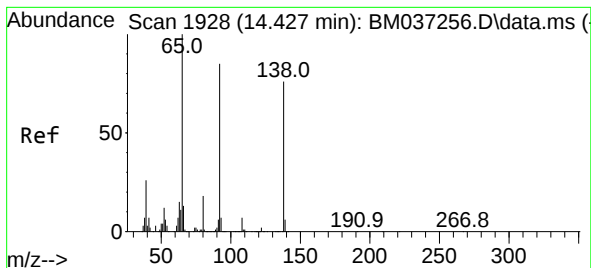
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#52
Acenaphthene
Concen: 0.173 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Tgt Ion:154 Resp: 5666
Ion Ratio Lower Upper
154 100
153 114.5 91.5 137.3
152 63.2 43.0 64.6





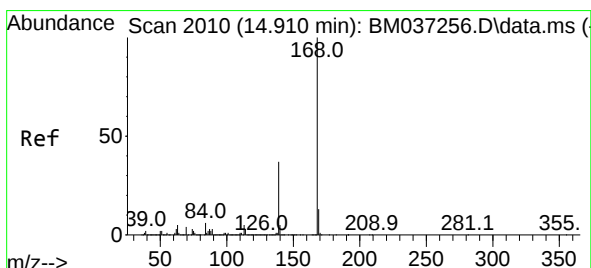
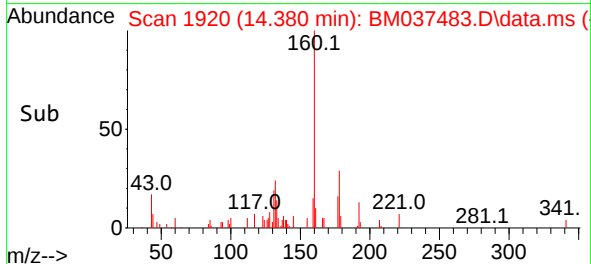
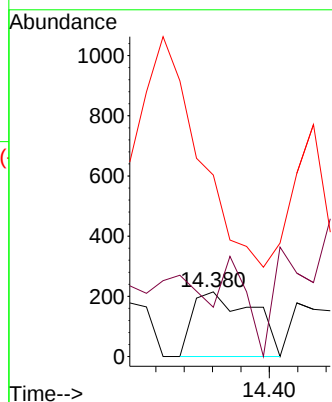
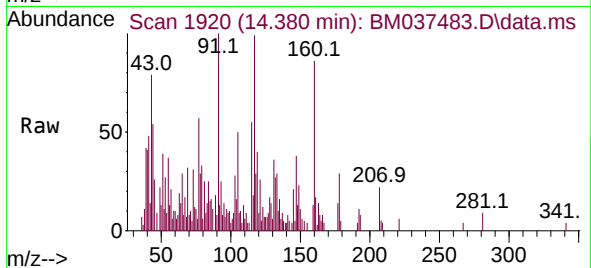
#53
3-Nitroaniline
Concen: 0.033 ng
RT: 14.380 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Instrument :
BNA_M
ClientSampleId :
MW3

Tgt Ion:138 Resp: 313
Ion Ratio Lower Upper
138 100
108 76.3 7.3 10.9#
92 280.5 89.8 134.8#

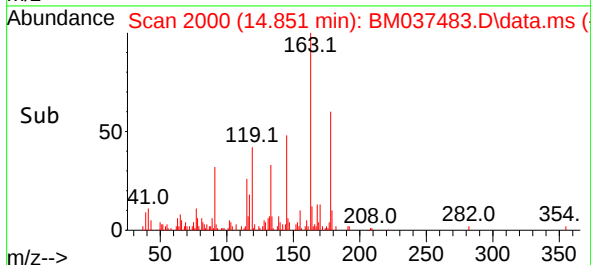
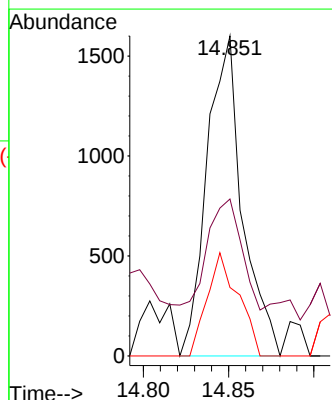
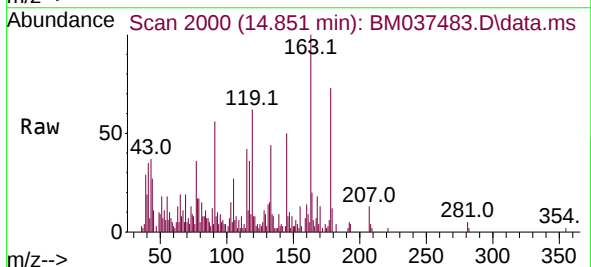
Manual Integrations
APPROVED

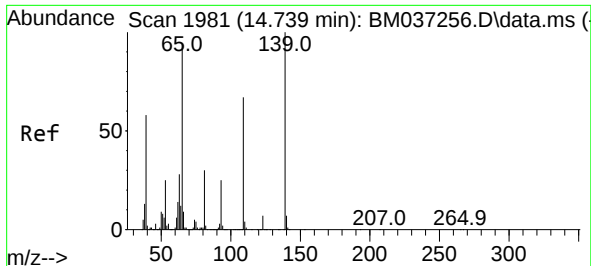
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#55
Dibenzofuran
Concen: 0.046 ng
RT: 14.851 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

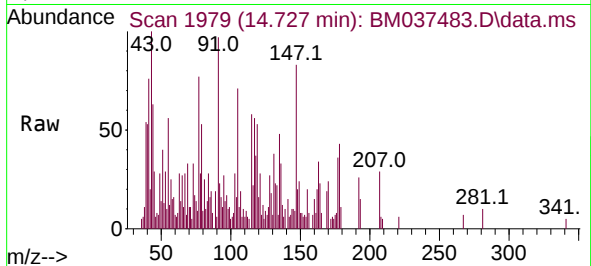
Tgt Ion:168 Resp: 2307
Ion Ratio Lower Upper
168 100
139 49.0 29.3 43.9#
169 21.4 10.6 16.0#





#56
4-Nitrophenol
Concen: 0.061 ng
RT: 14.727 min Scan# 1981
Delta R.T. 0.024 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

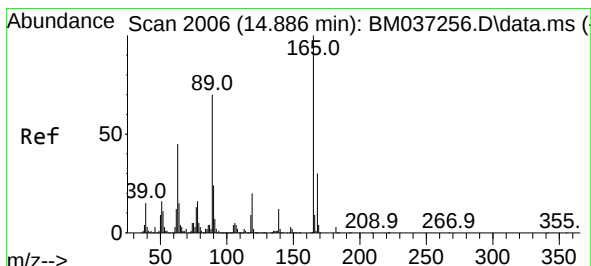
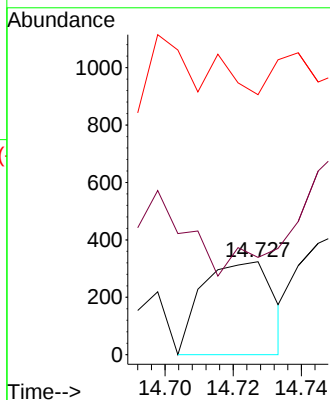
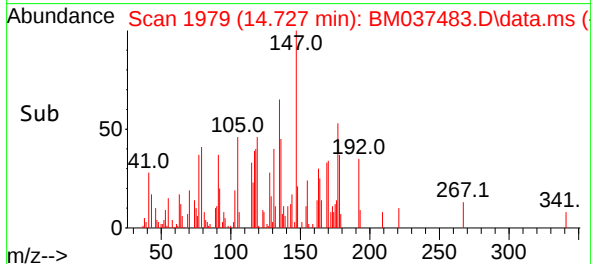
Instrument :
BNA_M
ClientSampleId :
MW3



Tgt Ion:139 Resp: 471
Ion Ratio Lower Upper
139 100
109 104.6 47.4 87.4#
65 279.6 73.8 113.8#

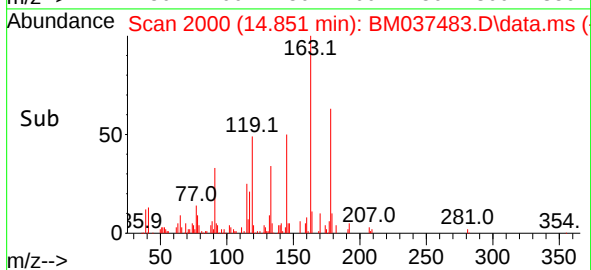
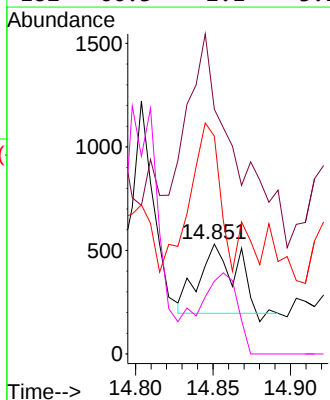
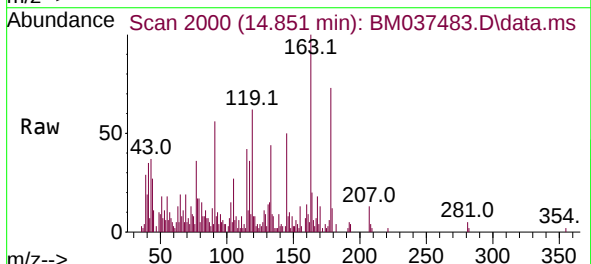
Manual Integrations
APPROVED

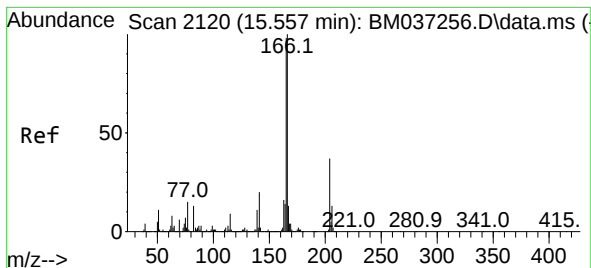
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#57
2,4-Dinitrotoluene
Concen: 0.049 ng
RT: 14.851 min Scan# 2000
Delta R.T. 0.012 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Tgt Ion:165 Resp: 561
Ion Ratio Lower Upper
165 100
63 222.6 36.3 54.5#
89 198.1 56.3 84.5#
182 66.3 2.1 3.1#





#58

Fluorene

Concen: 0.241 ng

RT: 15.498 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM037483.D

Acq: 12 Nov 2022 00:56

Instrument :

BNA_M

ClientSampleId :

MW3

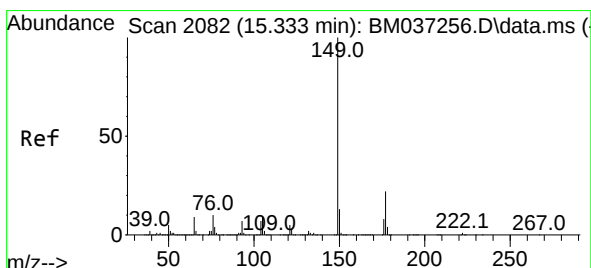
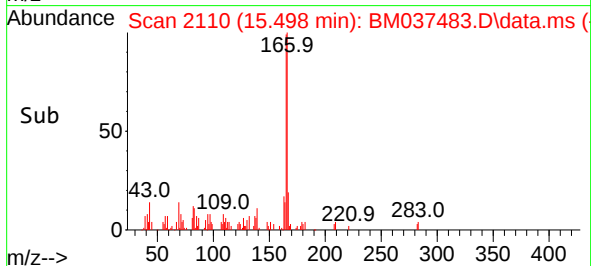
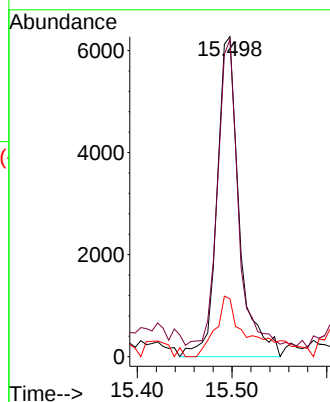
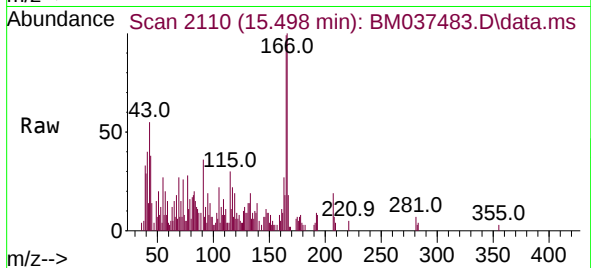
Tgt Ion:166	Resp:	1019
Ion Ratio	Lower	Upper
166	100	
165	99.1	78.2 117.4
167	18.1	10.6 15.8

Manual Integrations

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Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#60

Diethylphthalate

Concen: 0.123 ng

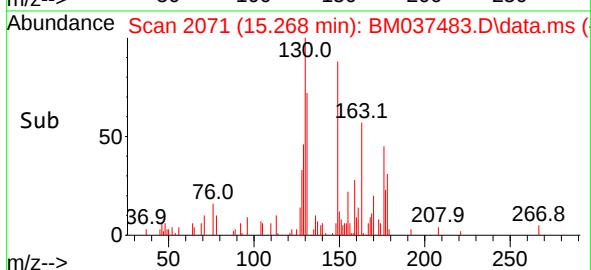
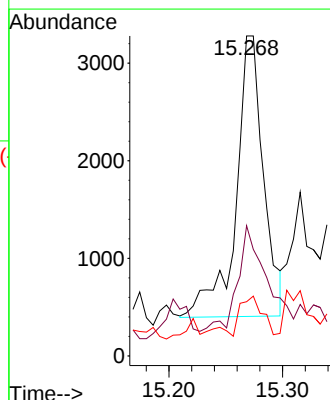
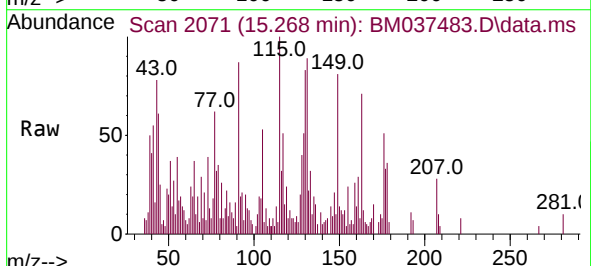
RT: 15.268 min Scan# 2071

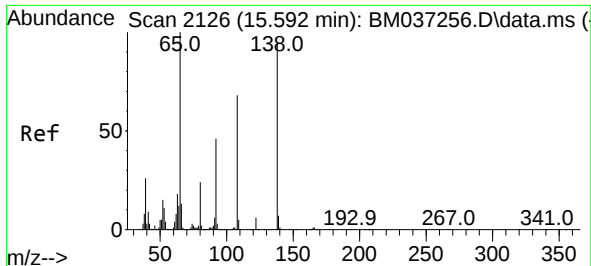
Delta R.T. -0.012 min

Lab File: BM037483.D

Acq: 12 Nov 2022 00:56

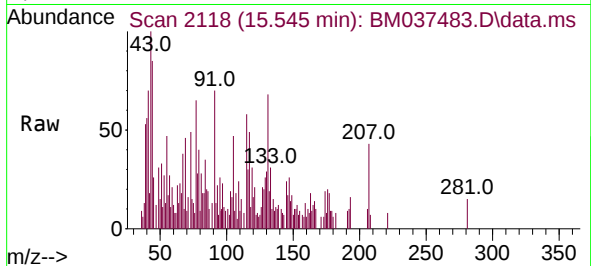
Tgt Ion:149	Resp:	4874
Ion Ratio	Lower	Upper
149	100	
177	40.7	17.4 26.0#
150	16.9	10.0 15.0#





#62
4-Nitroaniline
Concen: 0.010 ng
RT: 15.545 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

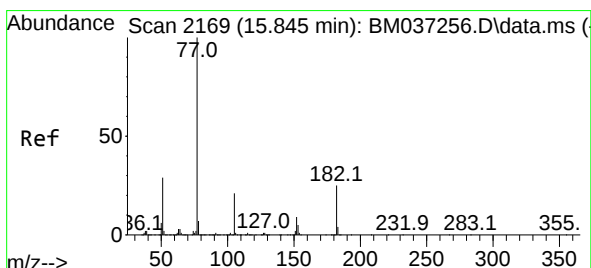
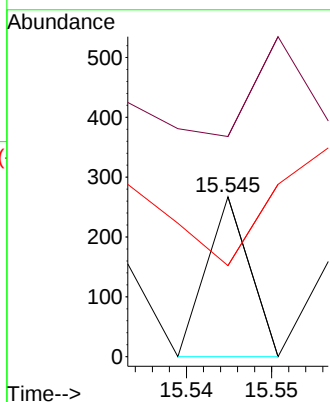
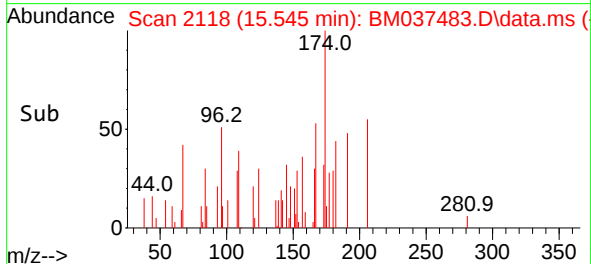
Instrument :
BNA_M
ClientSampleId :
MW3



Tgt Ion:138 Resp: 94
Ion Ratio Lower Upper
138 100
92 137.8 28.1 68.1#
108 56.9 51.3 91.3

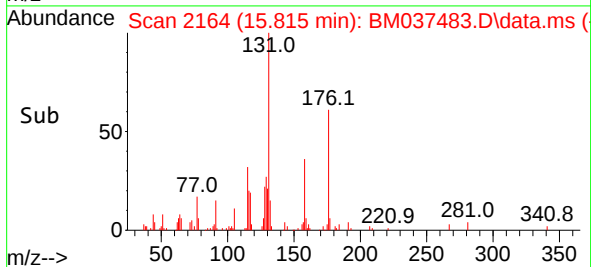
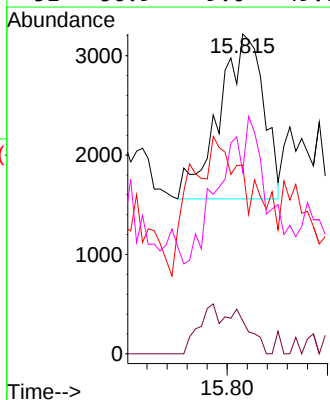
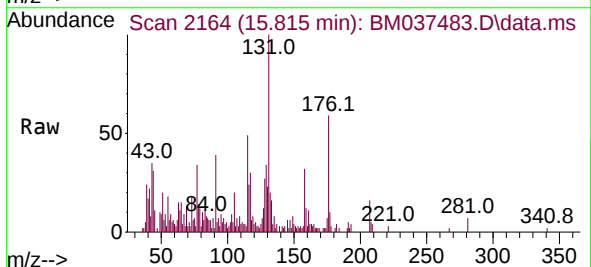
Manual Integrations
APPROVED

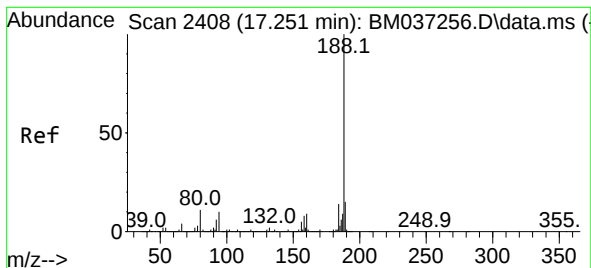
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#63
Azobenzene
Concen: 0.131 ng
RT: 15.815 min Scan# 2164
Delta R.T. 0.024 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Tgt Ion: 77 Resp: 5097
Ion Ratio Lower Upper
77 100
182 10.4 5.1 45.1
105 59.0 0.5 40.5#
51 56.9 9.0 49.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2398

Delta R.T. -0.006 min

Lab File: BM037483.D

Acq: 12 Nov 2022 00:56

Instrument :

BNA_M

ClientSampleId :

MW3

Tgt Ion:188 Resp: 998284

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

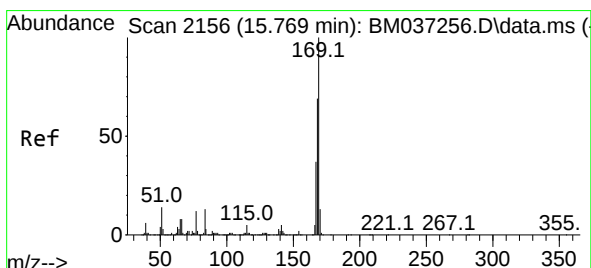
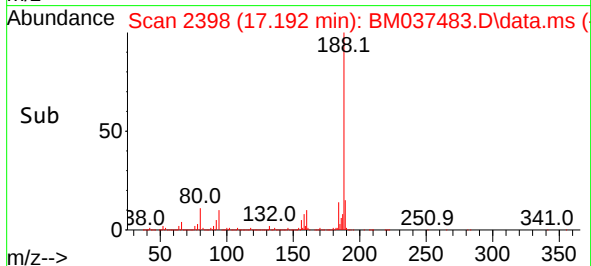
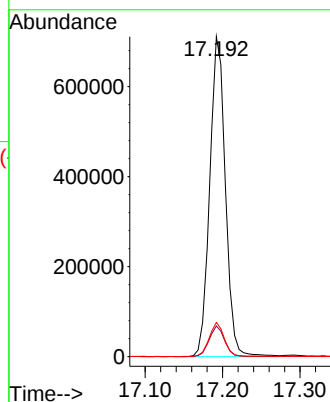
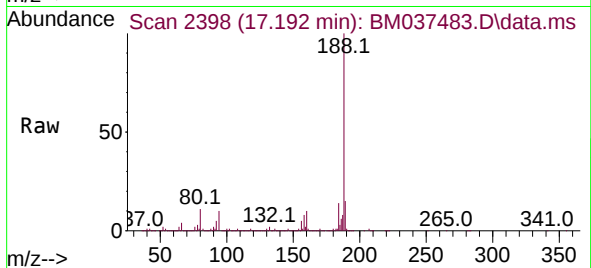
80 10.7 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#66

n-Nitrosodiphenylamine

Concen: 0.021 ng

RT: 15.704 min Scan# 2145

Delta R.T. -0.012 min

Lab File: BM037483.D

Acq: 12 Nov 2022 00:56

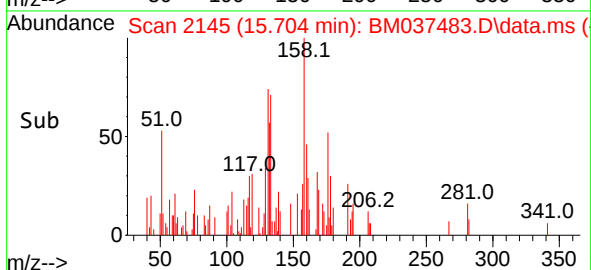
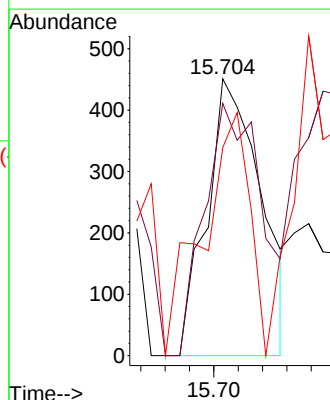
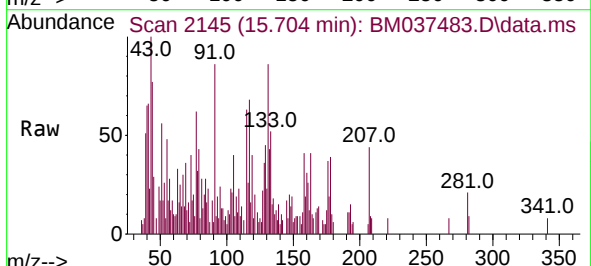
Tgt Ion:169 Resp: 699

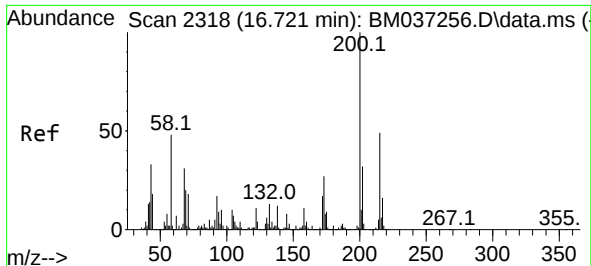
Ion Ratio Lower Upper

169 100

168 91.1 54.8 82.2#

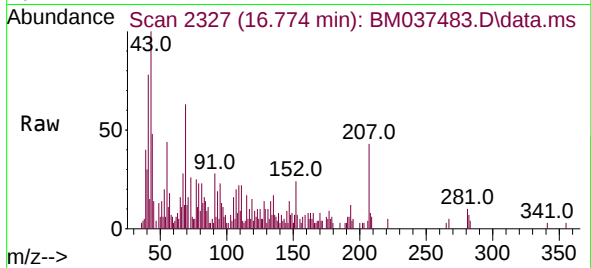
167 75.2 29.5 44.3#





#69
 Atrazine
 Concen: 0.007 ng
 RT: 16.774 min Scan# 2318
 Delta R.T. 0.100 min
 Lab File: BM037483.D
 Acq: 12 Nov 2022 00:56

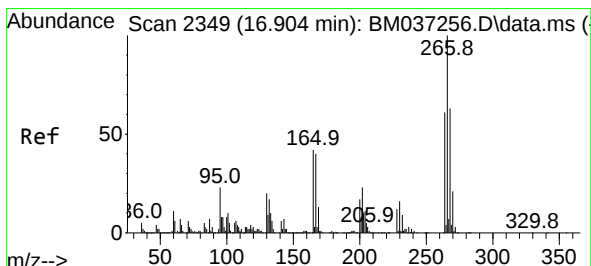
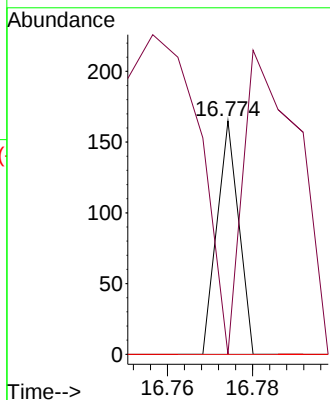
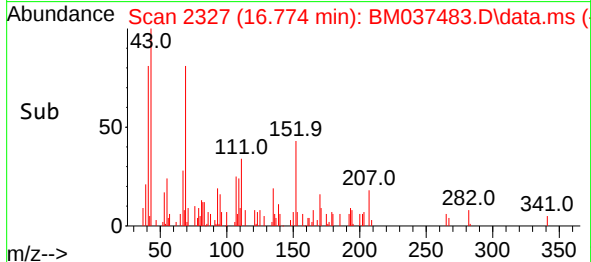
Instrument :
 BNA_M
 ClientSampleId :
 MW3



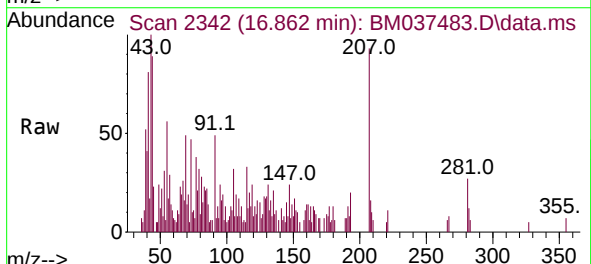
Tgt Ion:200 Resp: 58
 Ion Ratio Lower Upper
 200 100
 173 0.0 6.8 46.8#
 215 0.0 28.5 68.5#

Manual Integrations
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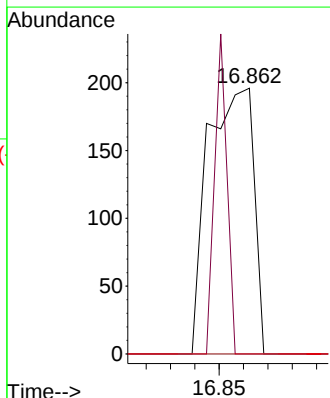
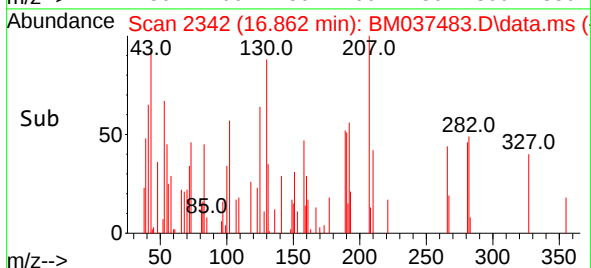
Reviewed By :Christian Giraldo 11/12/2022
 Supervised By :Jagrut Upadhyay 11/12/2022

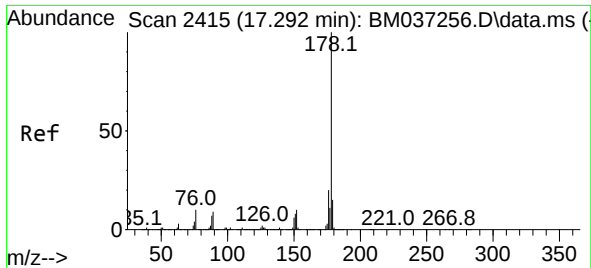


#70
 Pentachlorophenol
 Concen: 0.032 ng
 RT: 16.862 min Scan# 2342
 Delta R.T. 0.012 min
 Lab File: BM037483.D
 Acq: 12 Nov 2022 00:56



Tgt Ion:266 Resp: 255
 Ion Ratio Lower Upper
 266 100
 268 0.0 50.7 76.1#
 264 0.0 49.1 73.7#





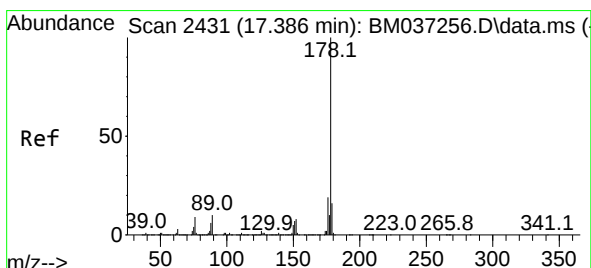
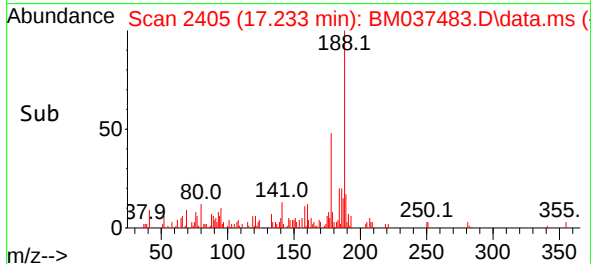
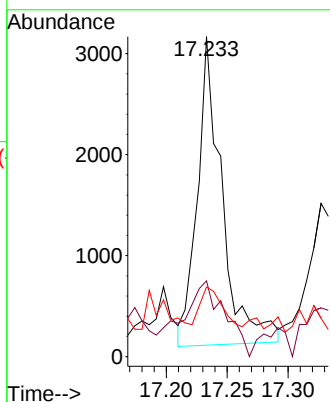
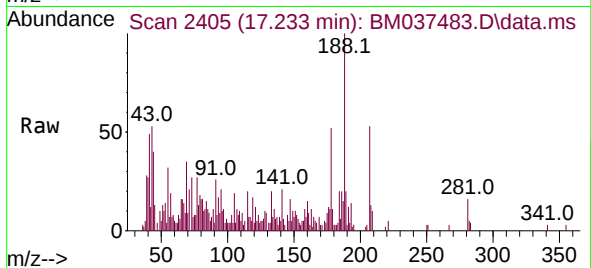
#71
Phenanthrene
Concen: 0.070 ng
RT: 17.233 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Instrument :
BNA_M
ClientSampleId :
MW3

Tgt Ion:178 Resp: 4311
Ion Ratio Lower Upper
178 100
176 23.7 15.6 23.4#
179 21.7 12.4 18.6#

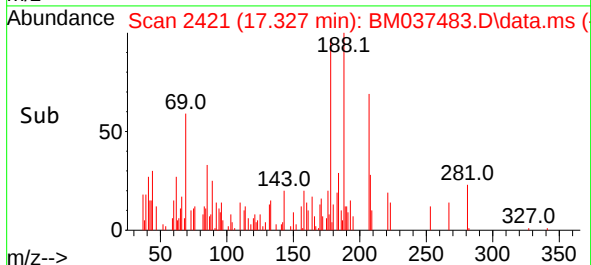
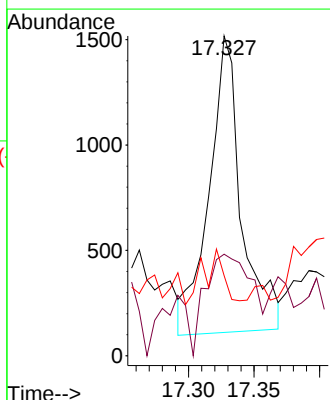
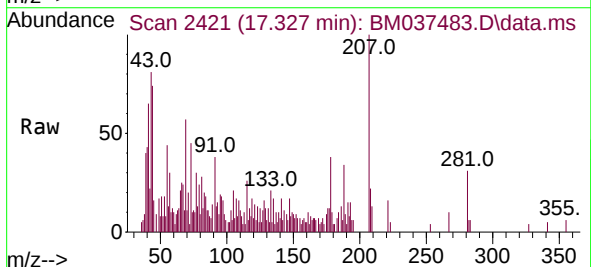
Manual Integrations
APPROVED

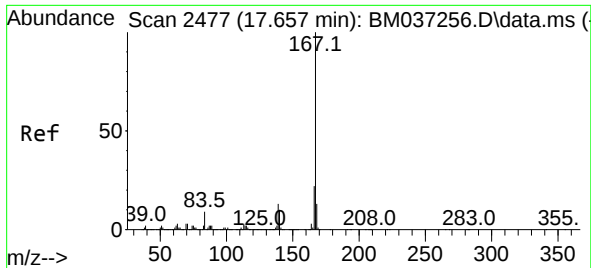
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#72
Anthracene
Concen: 0.041 ng
RT: 17.327 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

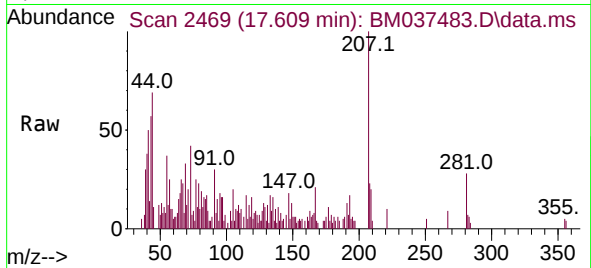
Tgt Ion:178 Resp: 2422
Ion Ratio Lower Upper
178 100
176 31.8 15.4 23.0#
179 25.0 12.6 19.0#





#73
 Carbazole
 Concen: 0.041 ng
 RT: 17.609 min Scan# 2477
 Delta R.T. 0.000 min
 Lab File: BM037483.D
 Acq: 12 Nov 2022 00:56

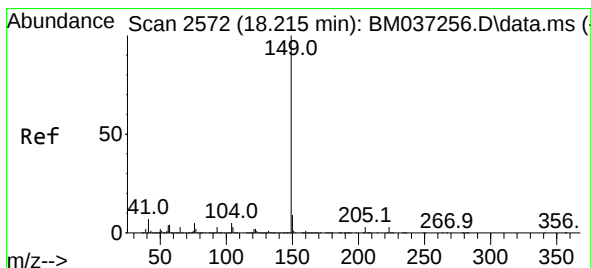
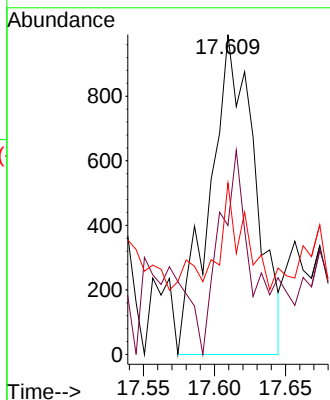
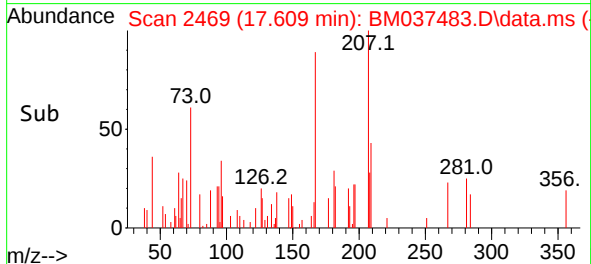
Instrument :
 BNA_M
 ClientSampleId :
 MW3



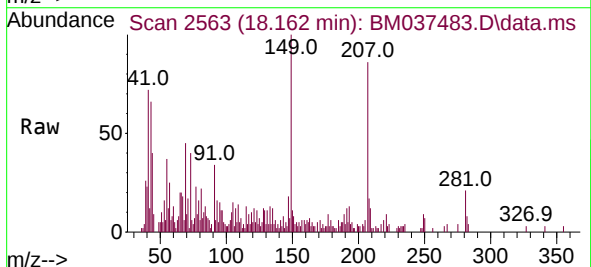
Tgt Ion:167 Resp: 2199
 Ion Ratio Lower Upper
 167 100
 166 40.4 17.4 26.2
 139 53.6 10.4 15.6

Manual Integrations
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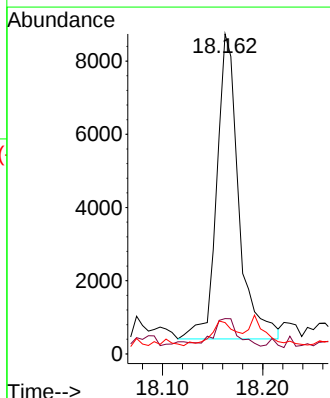
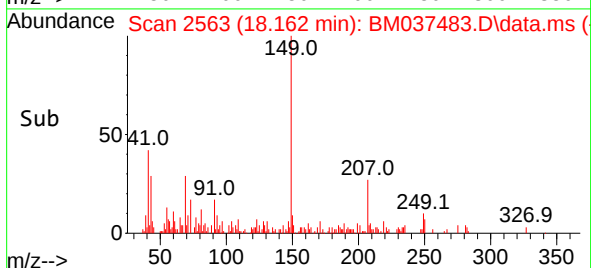
Reviewed By :Christian Giraldo 11/12/2022
 Supervised By :Jagrut Upadhyay 11/12/2022

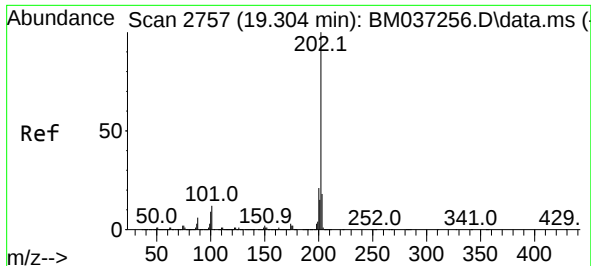


#74
 Di-n-butylphthalate
 Concen: 0.214 ng
 RT: 18.162 min Scan# 2563
 Delta R.T. -0.006 min
 Lab File: BM037483.D
 Acq: 12 Nov 2022 00:56



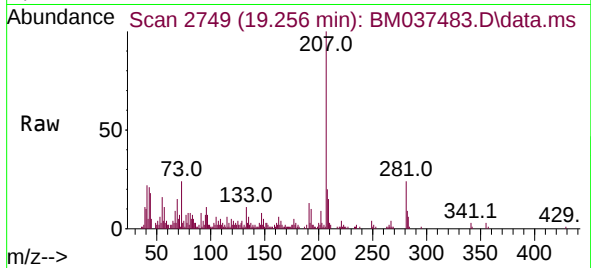
Tgt Ion:149 Resp: 12691
 Ion Ratio Lower Upper
 149 100
 150 11.0 7.4 11.0#
 104 9.8 4.0 6.0#





#75
Fluoranthene
Concen: 0.043 ng
RT: 19.256 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

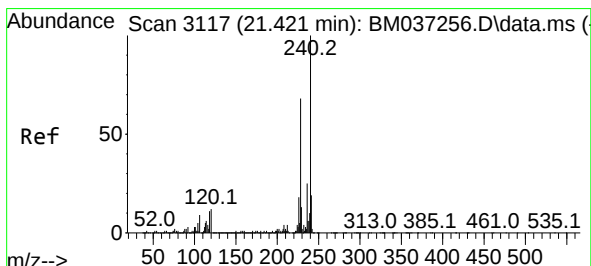
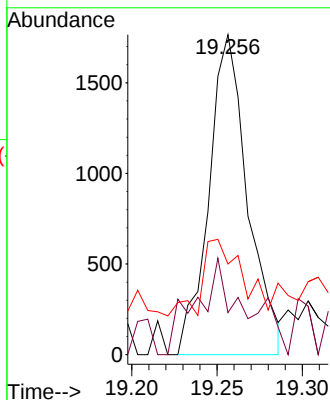
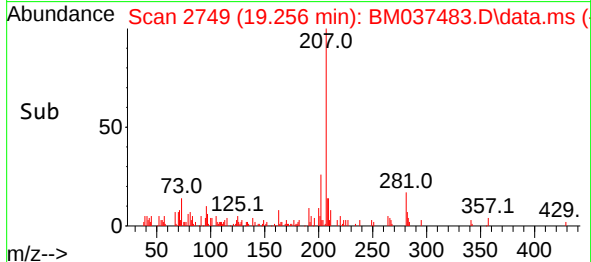
Instrument :
BNA_M
ClientSampleId :
MW3



Tgt Ion:202 Resp: 2803
Ion Ratio Lower Upper
202 100
101 13.1 0.0 32.4
203 28.3 0.0 37.8

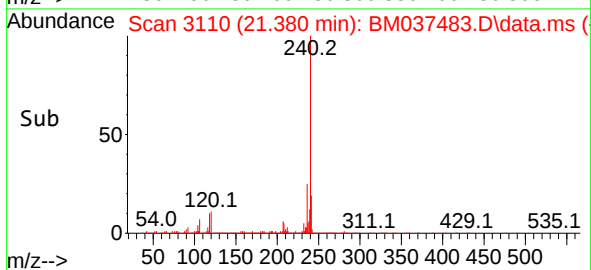
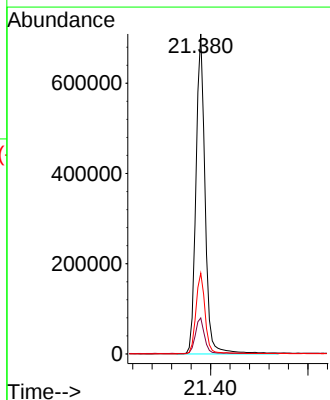
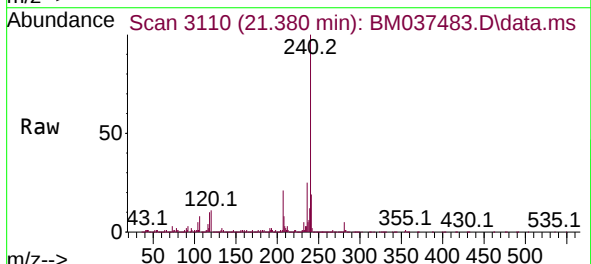
Manual Integrations
APPROVED

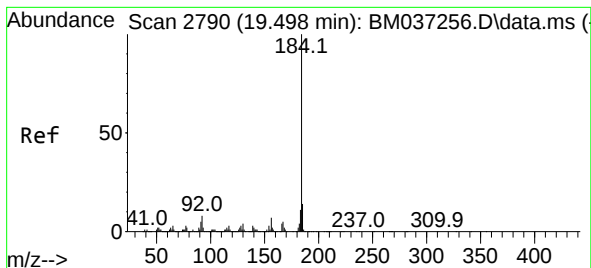
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Tgt Ion:240 Resp: 921804
Ion Ratio Lower Upper
240 100
120 11.2 9.9 14.9
236 25.2 20.3 30.5





#77

Benzidine

Concen: 0.020 ng

RT: 19.439 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM037483.D

Acq: 12 Nov 2022 00:56

Instrument :

BNA_M

ClientSampleId :

MW3

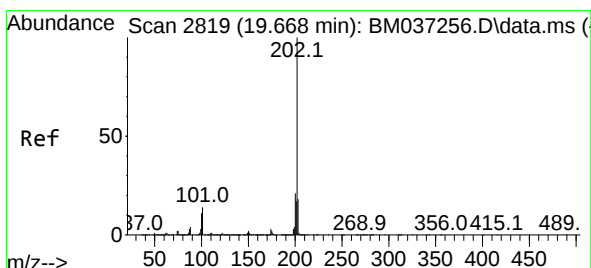
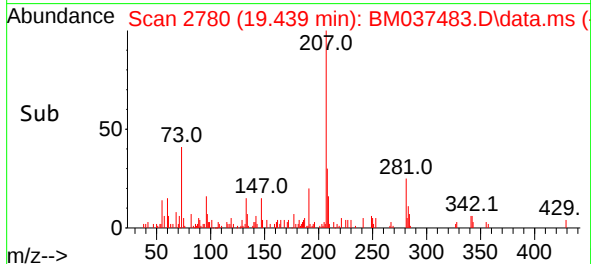
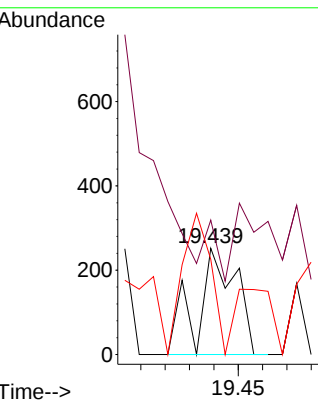
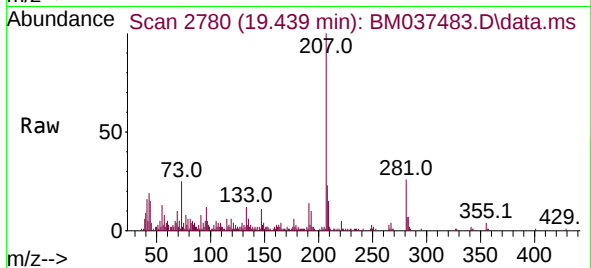
Tgt Ion:	184	Resp:	279
Ion Ratio	Lower	Upper	
184	100		
185	126.6	11.3	16.9
183	89.7	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#78

Pyrene

Concen: 0.034 ng

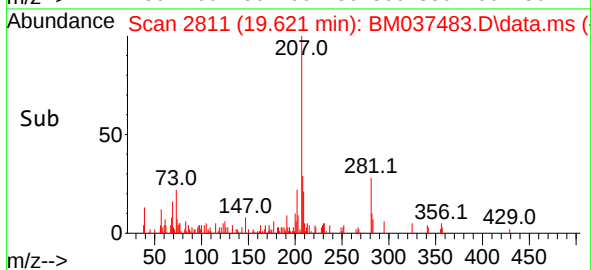
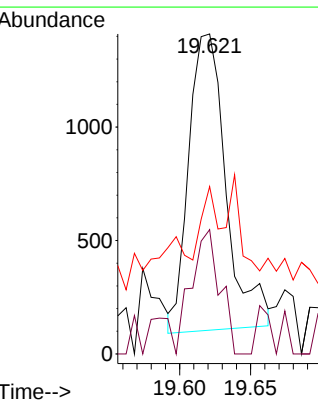
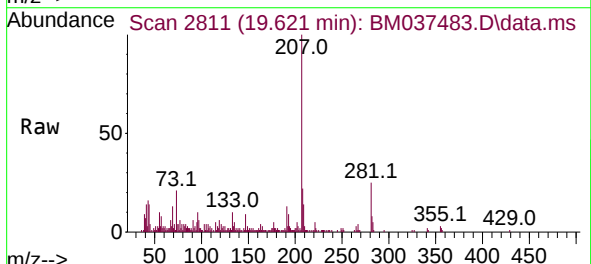
RT: 19.621 min Scan# 2811

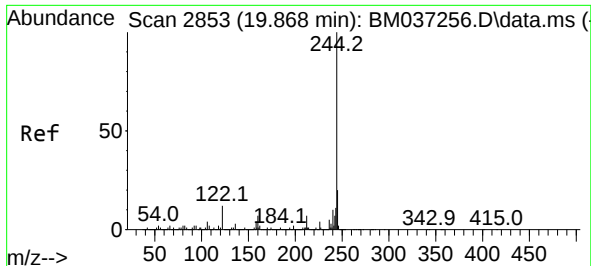
Delta R.T. 0.000 min

Lab File: BM037483.D

Acq: 12 Nov 2022 00:56

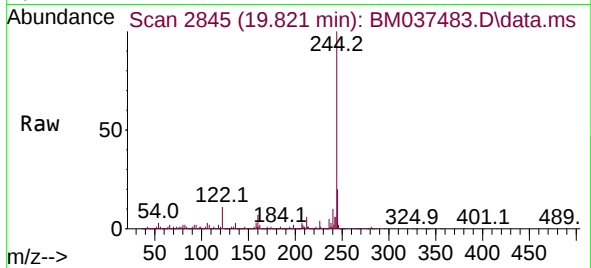
Tgt Ion:	202	Resp:	2392
Ion Ratio	Lower	Upper	
202	100		
200	38.8	17.0	25.6
203	52.3	14.1	21.1





#79
 Terphenyl-d14
 Concen: 29.814 ng
 RT: 19.821 min Scan# 2853
 Delta R.T. -0.006 min
 Lab File: BM037483.D
 Acq: 12 Nov 2022 00:56

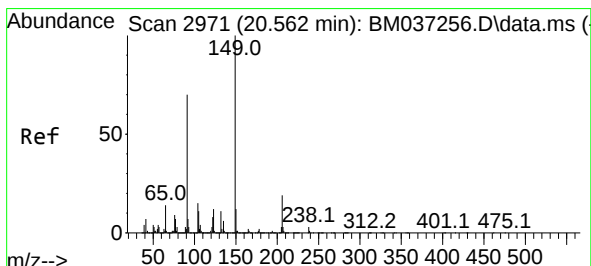
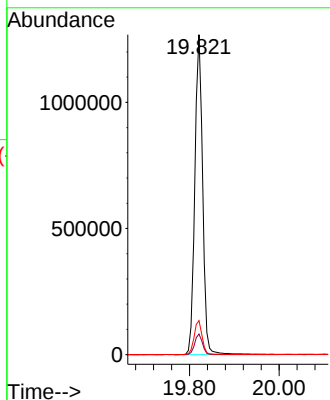
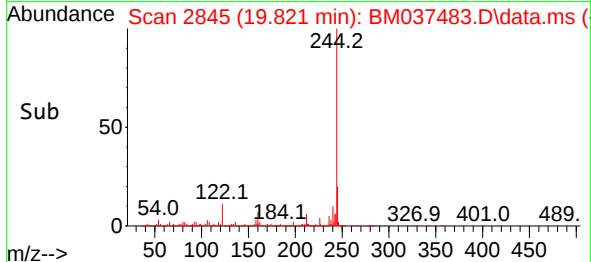
Instrument :
 BNA_M
 ClientSampleId :
 MW3



Tgt Ion:244 Resp: 1532528
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.2
 122 10.6 9.4 14.2

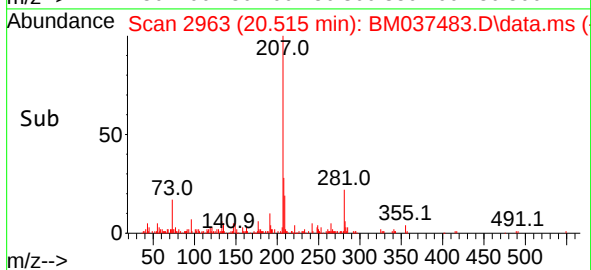
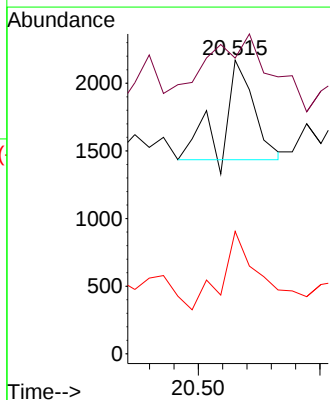
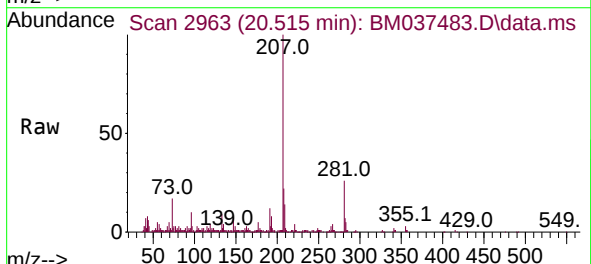
Manual Integrations
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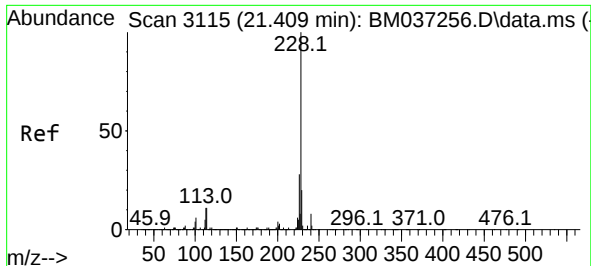
Reviewed By :Christian Giraldo 11/12/2022
 Supervised By :Jagrut Upadhyay 11/12/2022



#80
 Butylbenzylphthalate
 Concen: 0.026 ng
 RT: 20.515 min Scan# 2963
 Delta R.T. -0.006 min
 Lab File: BM037483.D
 Acq: 12 Nov 2022 00:56

Tgt Ion:149 Resp: 659
 Ion Ratio Lower Upper
 149 100
 91 100.7 56.2 84.4#
 206 41.7 15.4 23.0#





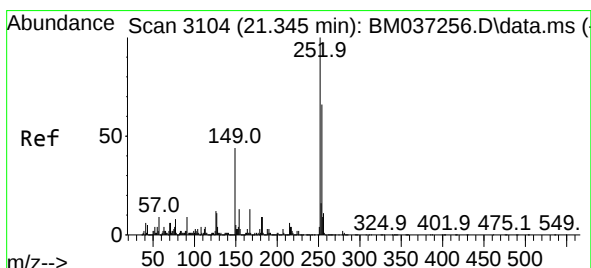
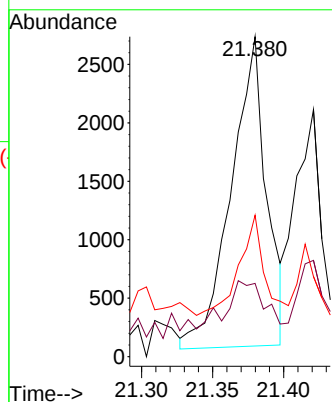
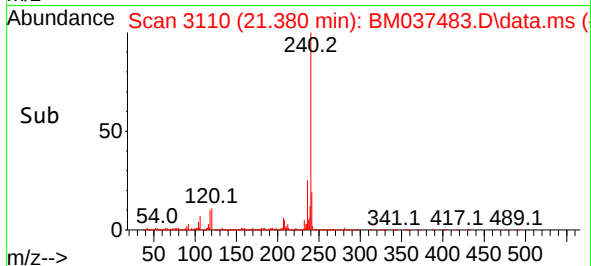
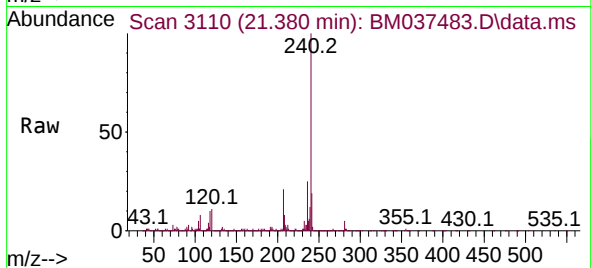
#81
Benzo(a)anthracene
Concen: 0.070 ng
RT: 21.380 min Scan# 3115
Delta R.T. 0.012 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Instrument :
BNA_M
ClientSampleId :
MW3

Tgt Ion:228 Resp: 4574
Ion Ratio Lower Upper
228 100
226 22.9 22.3 33.5
229 44.2 16.2 24.2

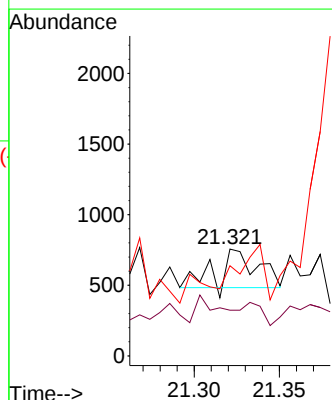
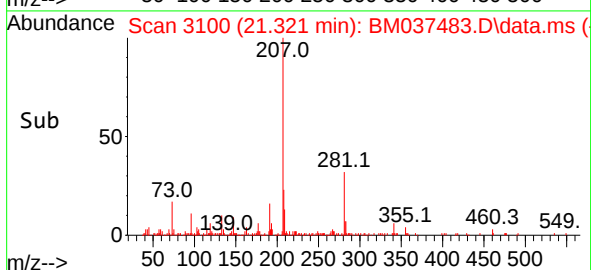
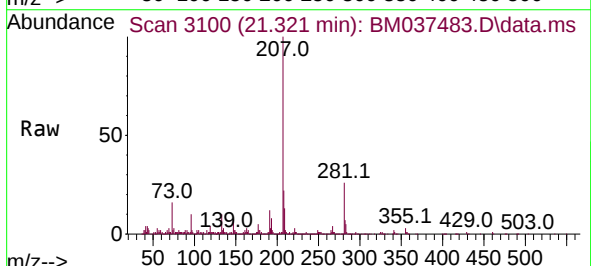
Manual Integrations
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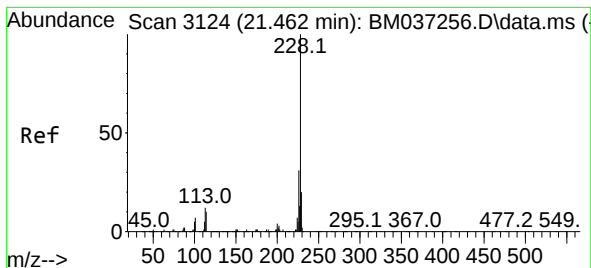
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#82
3,3'-Dichlorobenzidine
Concen: 0.023 ng
RT: 21.321 min Scan# 3100
Delta R.T. 0.012 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Tgt Ion:252 Resp: 442
Ion Ratio Lower Upper
252 100
254 42.7 52.7 79.1#
126 84.4 9.8 14.6#





#83

Chrysene

Concen: 0.048 ng

RT: 21.421 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BM037483.D

Acq: 12 Nov 2022 00:56

Instrument :

BNA_M

ClientSampleId :

MW3

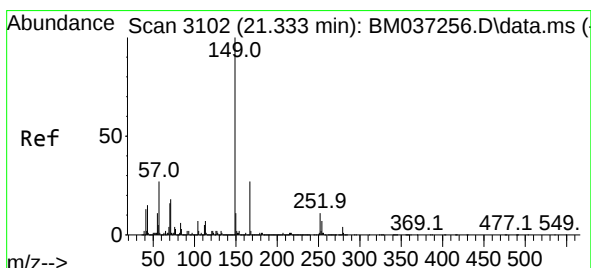
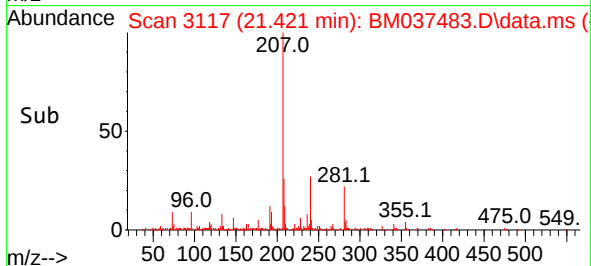
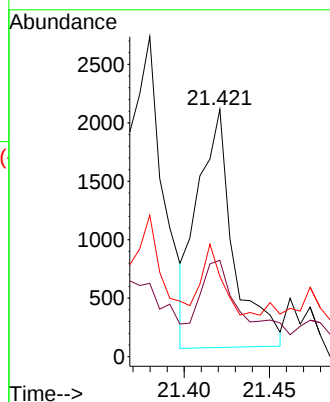
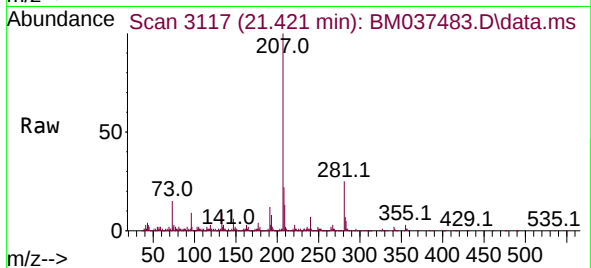
Tgt Ion:	228	Resp:	3010
Ion Ratio	Lower	Upper	
228	100		
226	39.0	24.4	36.6
229	32.4	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.156 ng

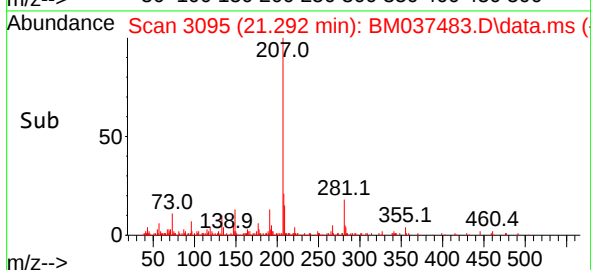
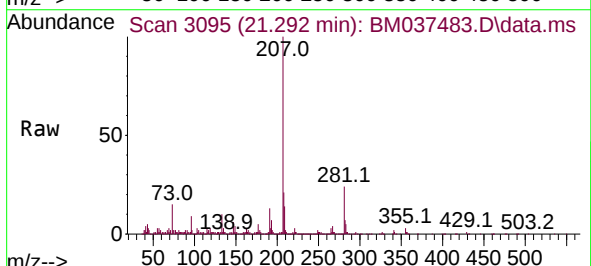
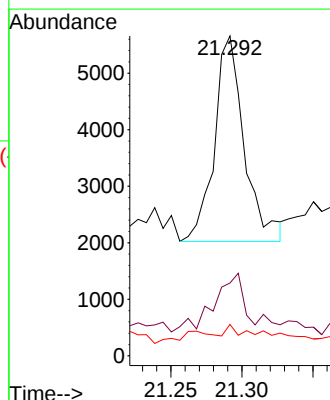
RT: 21.292 min Scan# 3095

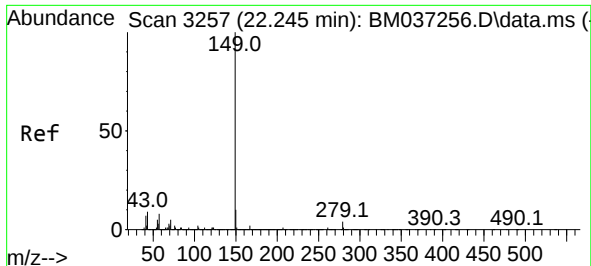
Delta R.T. -0.006 min

Lab File: BM037483.D

Acq: 12 Nov 2022 00:56

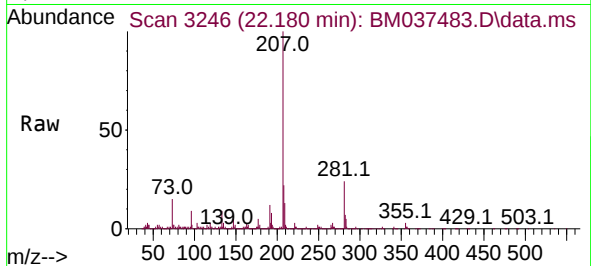
Tgt Ion:	149	Resp:	5307
Ion Ratio	Lower	Upper	
149	100		
167	22.8	21.2	31.8
279	9.8	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 0.006 ng
RT: 22.180 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

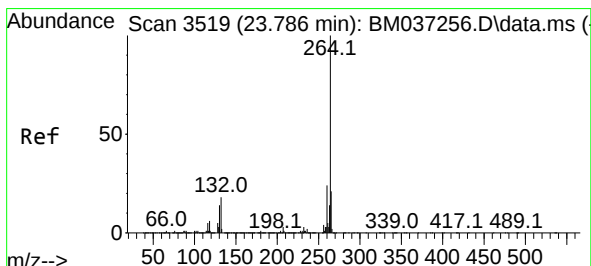
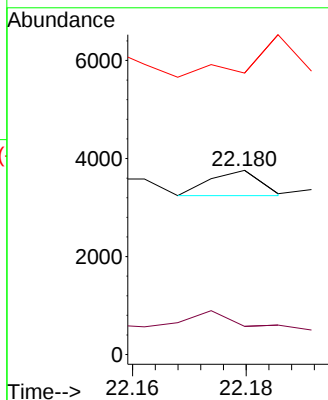
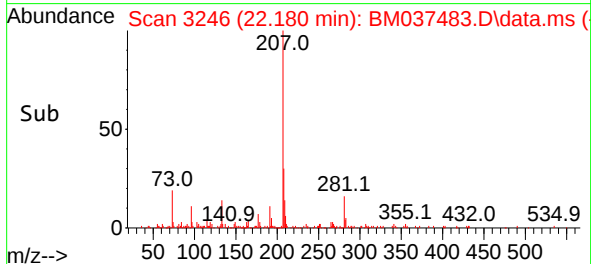
Instrument :
BNA_M
ClientSampleId :
MW3



Tgt Ion:149 Resp: 316
Ion Ratio Lower Upper
149 100
167 99.7 1.3 1.9
43 335.4 8.0 12.0

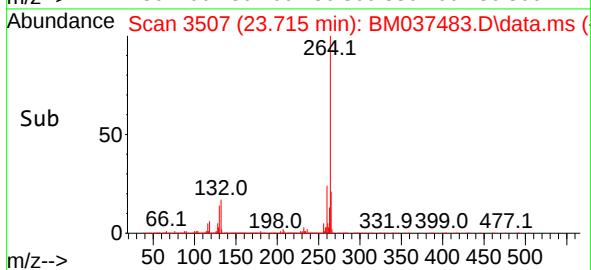
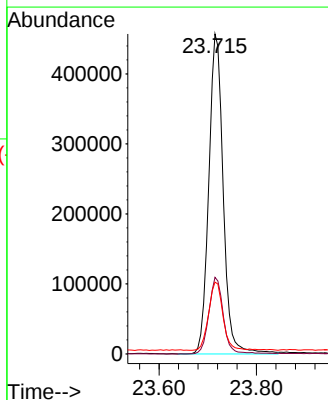
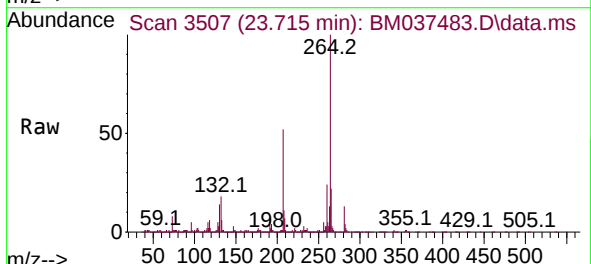
Manual Integrations
APPROVED

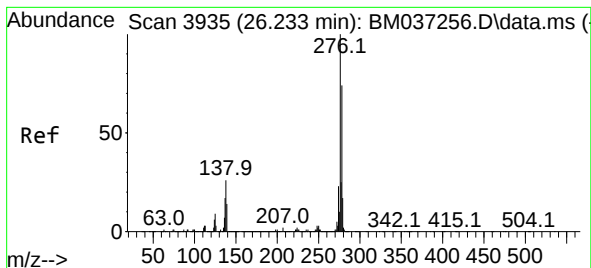
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.715 min Scan# 3507
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Tgt Ion:264 Resp: 945573
Ion Ratio Lower Upper
264 100
260 23.9 18.9 28.3
265 22.4 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 0.068 ng

RT: 26.144 min Scan# 3935

Delta R.T. 0.000 min

Lab File: BM037483.D

Acq: 12 Nov 2022 00:56

Instrument :

BNA_M

ClientSampleId :

MW3

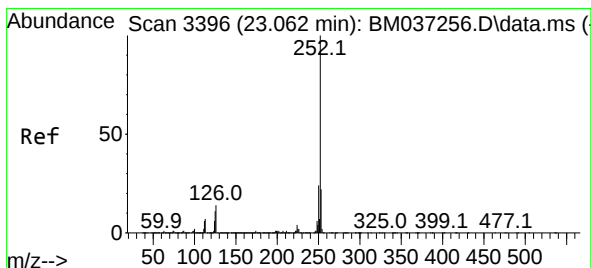
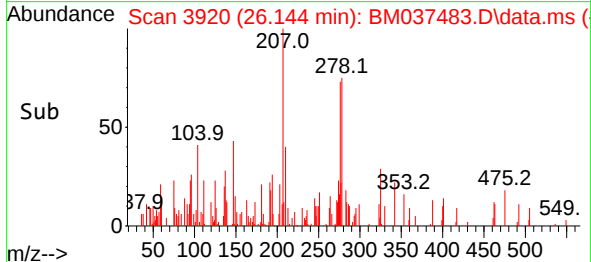
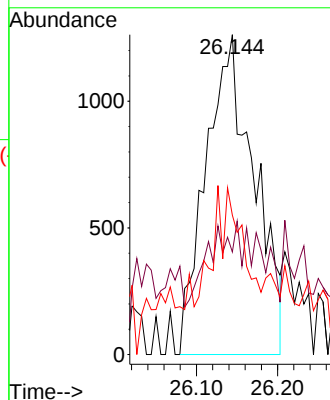
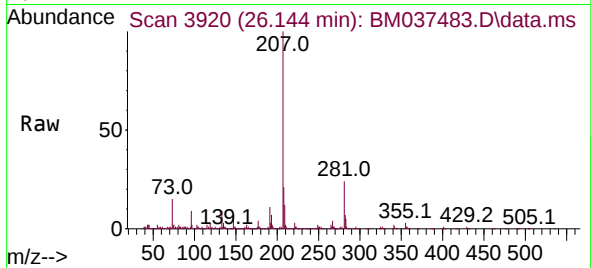
Tgt Ion:	276	Resp:	5226
Ion Ratio	Lower	Upper	
276	100		
138	7.9	21.5	32.3#
277	21.1	20.1	30.1#

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#88

Benzo(b)fluoranthene

Concen: 0.044 ng

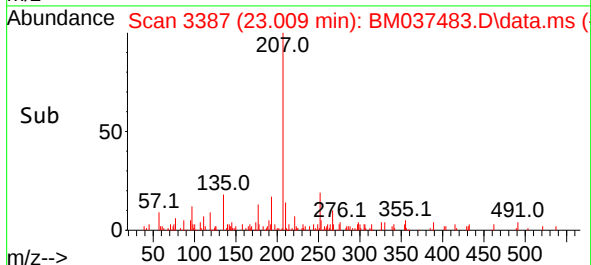
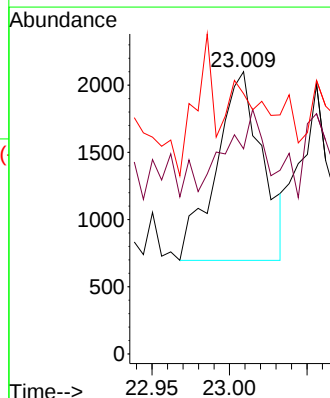
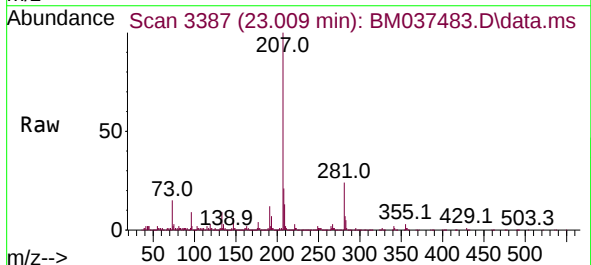
RT: 23.009 min Scan# 3387

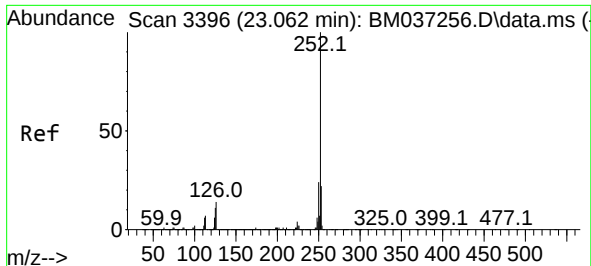
Delta R.T. -0.006 min

Lab File: BM037483.D

Acq: 12 Nov 2022 00:56

Tgt Ion:	252	Resp:	2898
Ion Ratio	Lower	Upper	
252	100		
253	72.7	17.8	26.6#
125	92.2	9.1	13.7#





#89

Benzo(k)fluoranthene

Concen: 0.030 ng

RT: 23.056 min Scan# 3396

Delta R.T. -0.006 min

Lab File: BM037483.D

Acq: 12 Nov 2022 00:56

Instrument :

BNA_M

ClientSampleId :

MW3

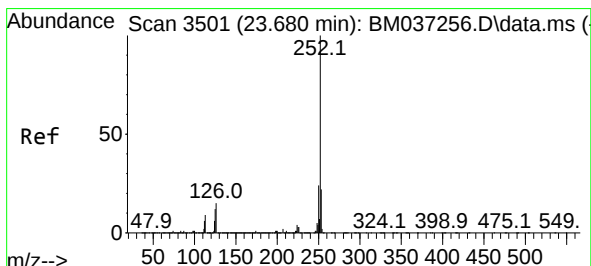
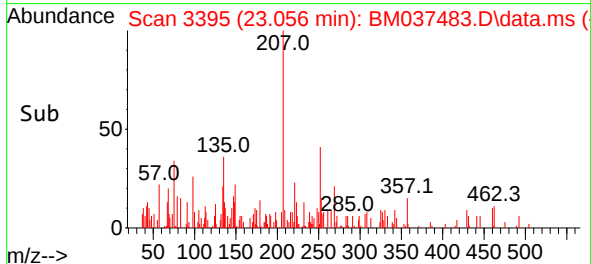
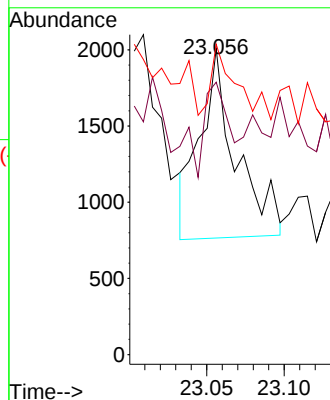
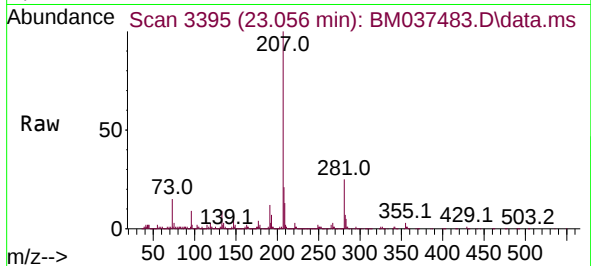
Tgt Ion:	252	Resp:	2010
Ion Ratio	Lower	Upper	
252	100		
253	89.0	17.8	26.6
125	101.4	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#90

Benzo(a)pyrene

Concen: 0.035 ng

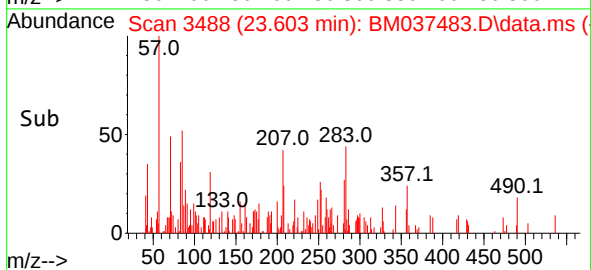
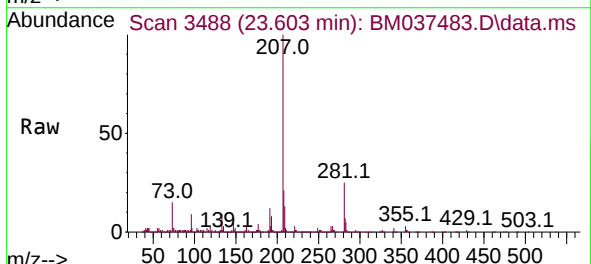
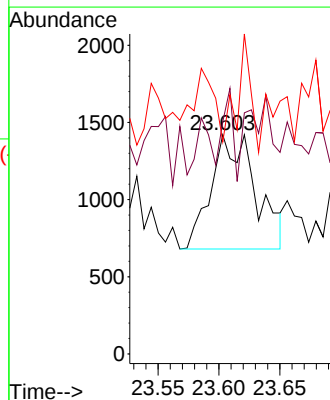
RT: 23.603 min Scan# 3488

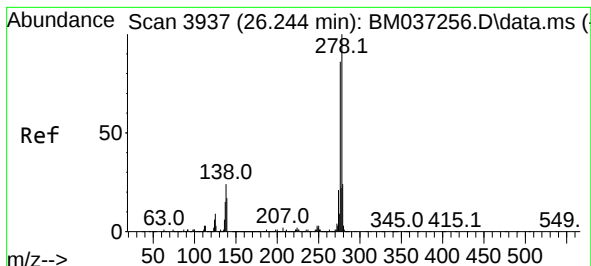
Delta R.T. -0.018 min

Lab File: BM037483.D

Acq: 12 Nov 2022 00:56

Tgt Ion:	252	Resp:	1880
Ion Ratio	Lower	Upper	
252	100		
253	105.9	17.4	26.2
125	96.8	9.9	14.9





#91

Dibenzo(a,h)anthracene

Concen: 0.056 ng

RT: 26.144 min Scan# 3937

Delta R.T. -0.018 min

Lab File: BM037483.D

Acq: 12 Nov 2022 00:56

Instrument :

BNA_M

ClientSampleId :

MW3

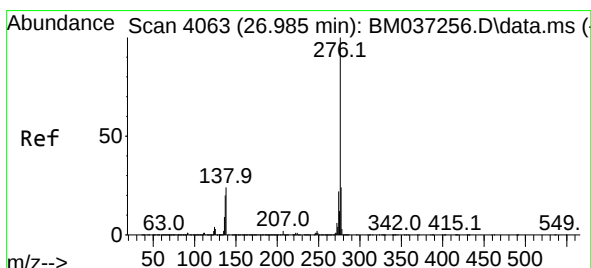
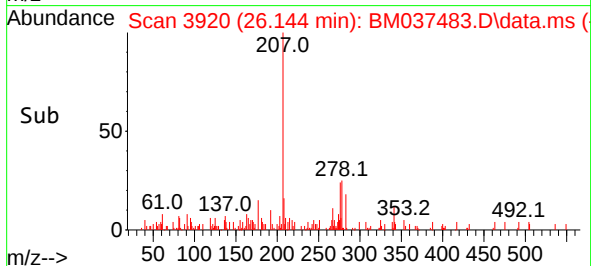
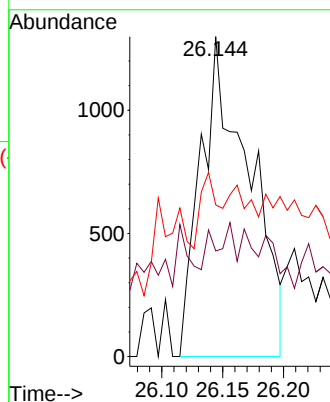
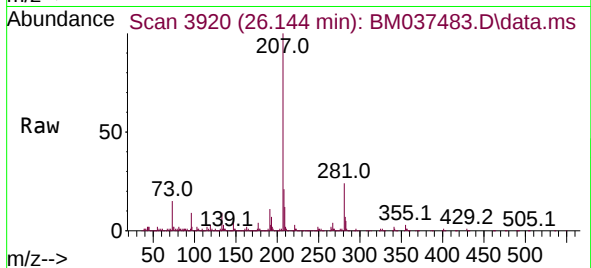
Tgt Ion:	278	Resp:	3595
Ion Ratio	Lower	Upper	
278	100		
139	33.0	13.8	20.8
279	47.4	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#92

Benzo(g,h,i)perylene

Concen: 0.089 ng

RT: 26.879 min Scan# 4045

Delta R.T. -0.006 min

Lab File: BM037483.D

Acq: 12 Nov 2022 00:56

Tgt Ion:	276	Resp:	5556
Ion Ratio	Lower	Upper	
276	100		
277	28.3	19.4	29.2
138	39.6	18.9	28.3

