

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
 Data File : BM041313.D
 Acq On : 07 Aug 2023 15:35
 Operator : MA/JU
 Sample : 03903-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-09

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2023
 Supervised By :mohammad ahmed 08/08/2023

Quant Time: Aug 07 17:30:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	123845	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	507548	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	346102	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	817172	20.000	ng	0.00
76) Chrysene-d12	21.421	240	758873	20.000	ng	0.00
86) Perylene-d12	23.791	264	755427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	709852	85.666	ng	0.00
7) Phenol-d6	6.975	99	867744	80.788	ng	0.00
23) Nitrobenzene-d5	8.975	82	554373	50.795	ng	0.01
42) 2,4,6-Tribromophenol	15.957	330	446165	91.139	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	1234416	45.055	ng	0.00
79) Terphenyl-d14	19.856	244	2330825	55.533	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.786	122	22502m	2.964	ng	
31) Naphthalene	10.657	128	4612462	167.467	ng	100
37) 2-Methylnaphthalene	12.269	142	2083691	112.216	ng	98
38) 1-Methylnaphthalene	12.486	142	938518	54.003	ng	100
46) 1,1'-Biphenyl	13.286	154	113432	4.043	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	3971	2.661	ng	# 93

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

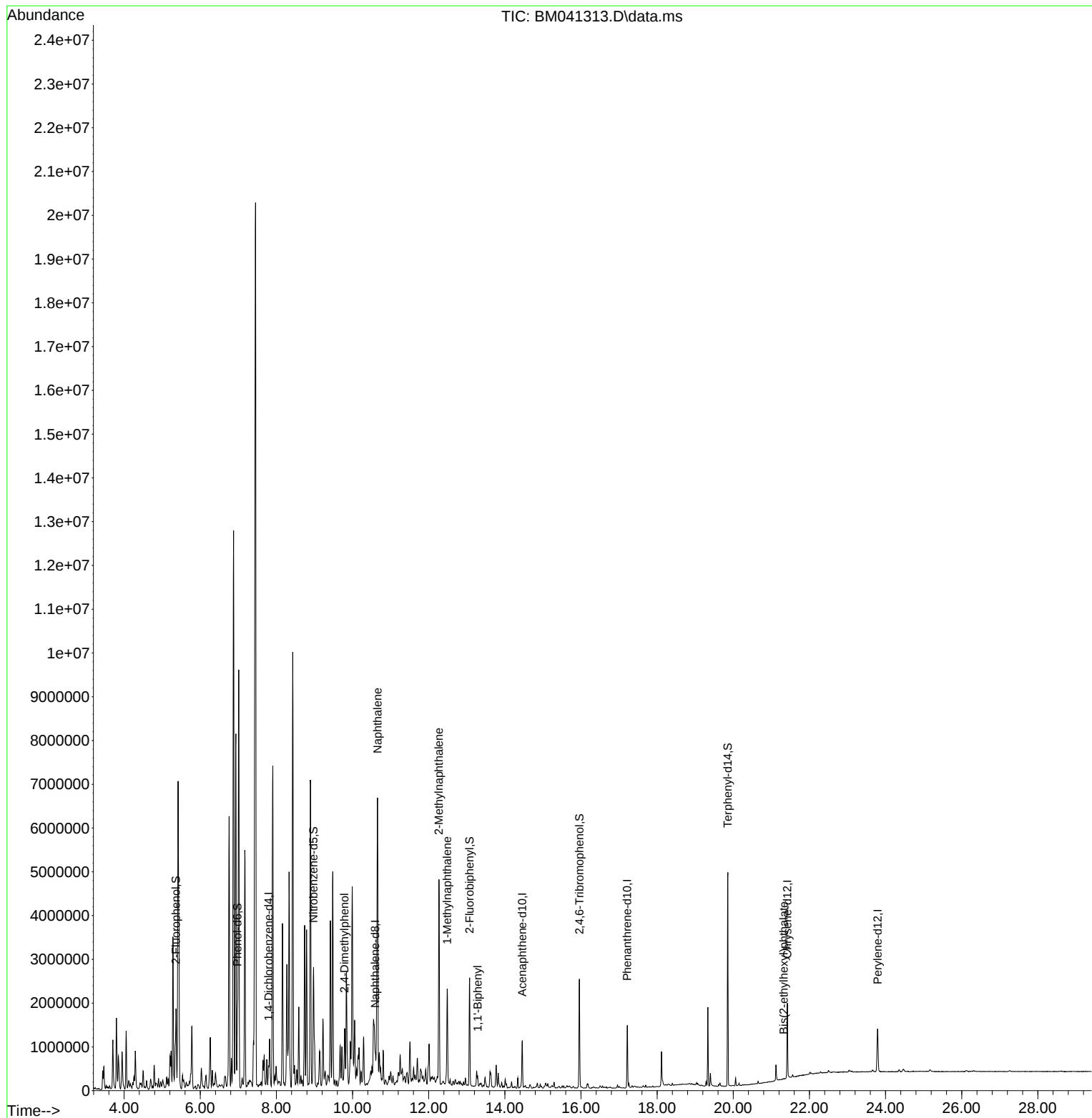
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041313.D
Acq On : 07 Aug 2023 15:35
Operator : MA/JU
Sample : 03903-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

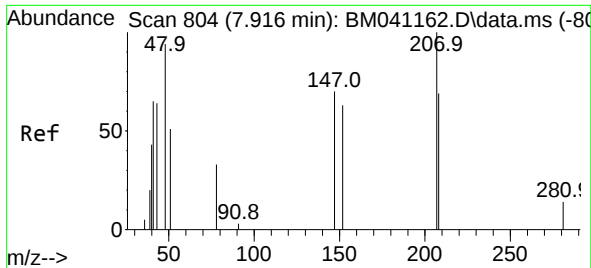
Instrument :
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MW-09

Quant Time: Aug 07 17:30:54 2023
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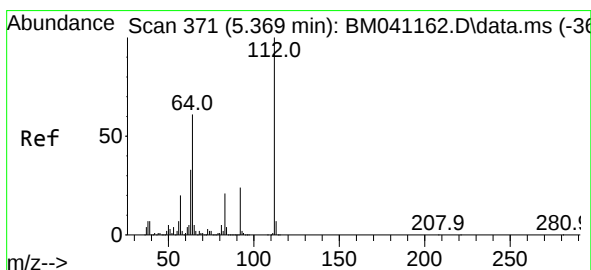
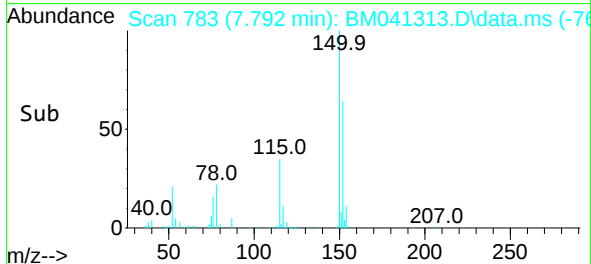
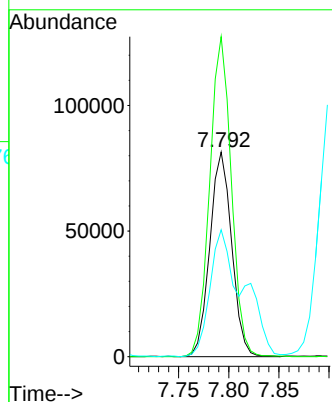
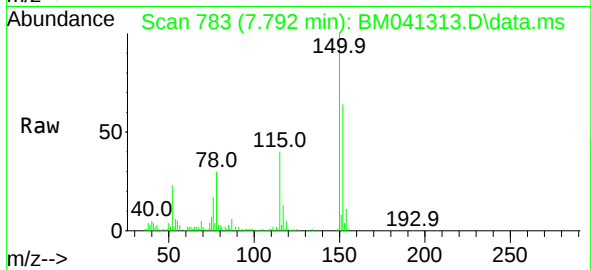
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 71
Delta R.T. 0.005 min
Lab File: BM041313.D
Acq: 07 Aug 2023 15:35

Instrument :
BNA_M
ClientSampleId :
MW-09

Tgt Ion:152 Resp: 12384
Ion Ratio Lower Upper
152 100
150 156.3 125.5 188.3
115 62.0 48.0 72.0

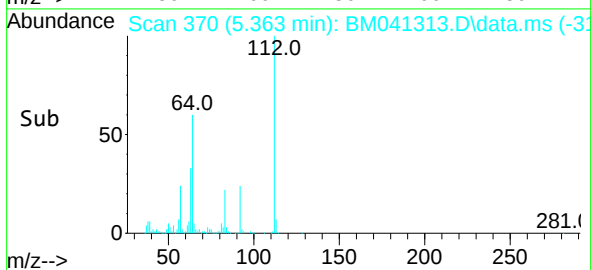
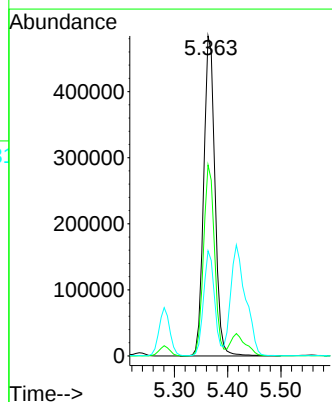
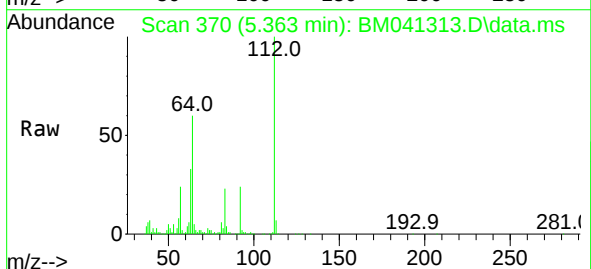
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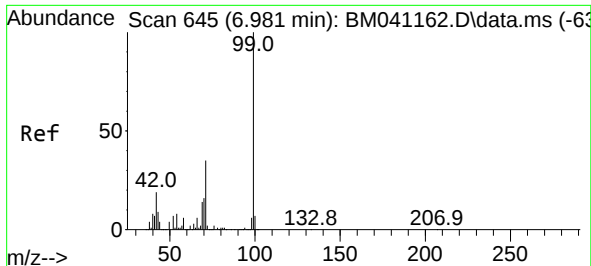
Reviewed By :Yogesh Patel 08/08/2023
Supervised By :mohammad ahmed 08/08/2023



#5
2-Fluorophenol
Concen: 85.666 ng
RT: 5.363 min Scan# 370
Delta R.T. 0.006 min
Lab File: BM041313.D
Acq: 07 Aug 2023 15:35

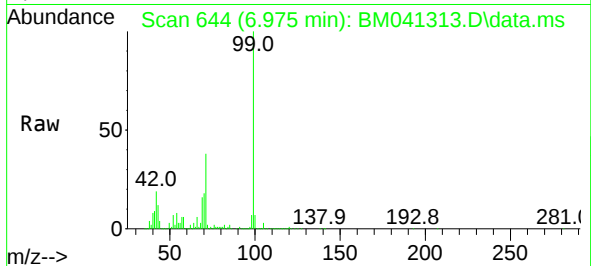
Tgt Ion:112 Resp: 709852
Ion Ratio Lower Upper
112 100
64 59.7 48.5 72.7
63 32.8 26.5 39.7





#7
Phenol-d6
Concen: 80.788 ng
RT: 6.975 min Scan# 64
Delta R.T. 0.006 min
Lab File: BM041313.D
Acq: 07 Aug 2023 15:35

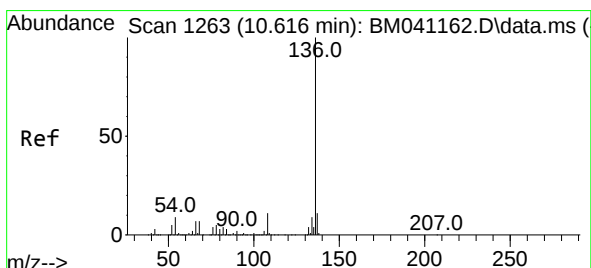
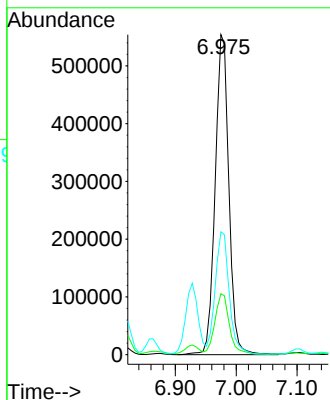
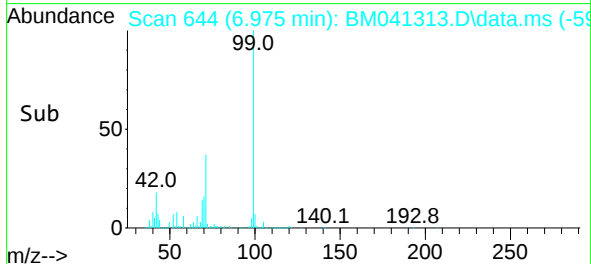
Instrument :
BNA_M
ClientSampleId :
MW-09



Tgt Ion: 99 Resp: 867744
Ion Ratio Lower Upper
99 100
42 19.1 15.4 23.0
71 38.4 28.2 42.4

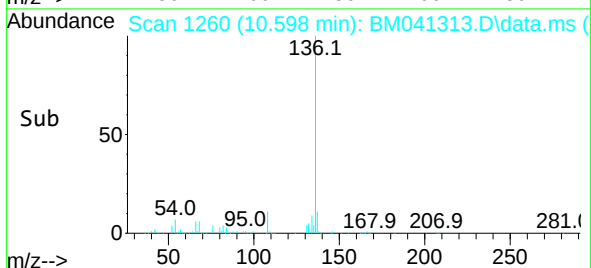
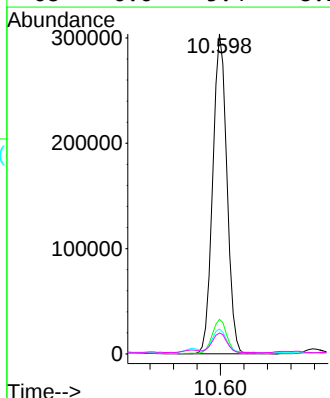
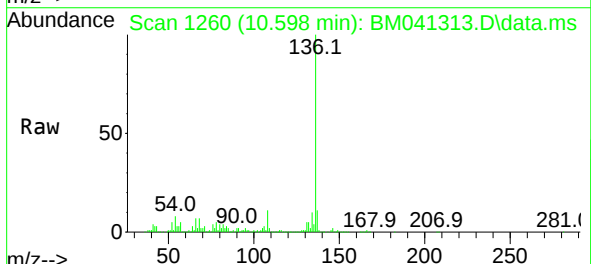
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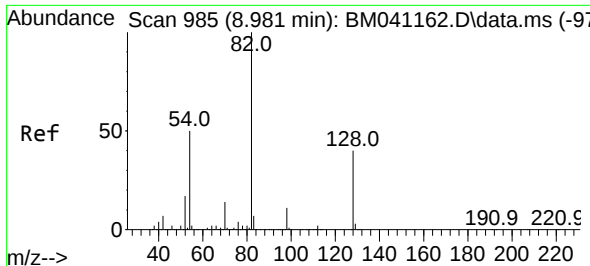
Reviewed By :Yogesh Patel 08/08/2023
Supervised By :mohammad ahmed 08/08/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 1260
Delta R.T. 0.006 min
Lab File: BM041313.D
Acq: 07 Aug 2023 15:35

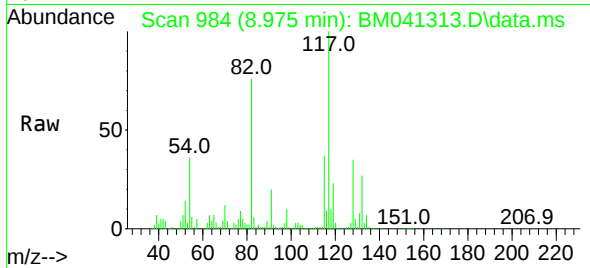
Tgt Ion:136 Resp: 507548
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.8 6.9 10.3
68 6.6 5.4 8.2





#23
Nitrobenzene-d5
Concen: 50.795 ng
RT: 8.975 min Scan# 985
Delta R.T. 0.012 min
Lab File: BM041313.D
Acq: 07 Aug 2023 15:35

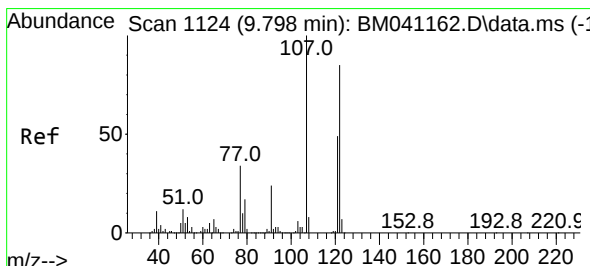
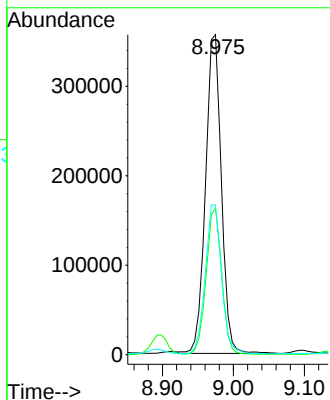
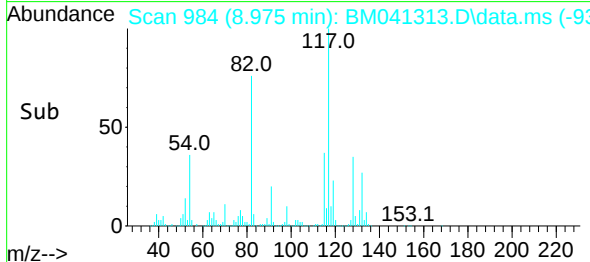
Instrument :
BNA_M
Client SampleId :
MW-09



Tgt Ion: 82 Resp: 55437
Ion Ratio Lower Upper
82 100
128 45.7 31.8 47.6
54 46.8 40.1 60.1

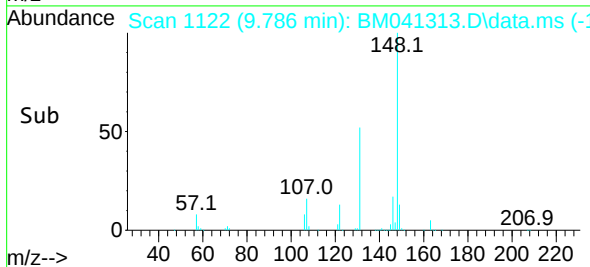
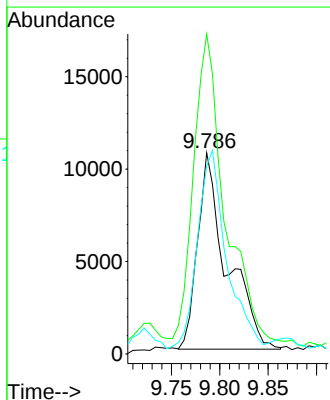
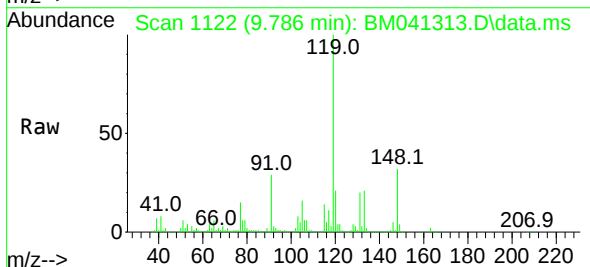
Manual Integrations
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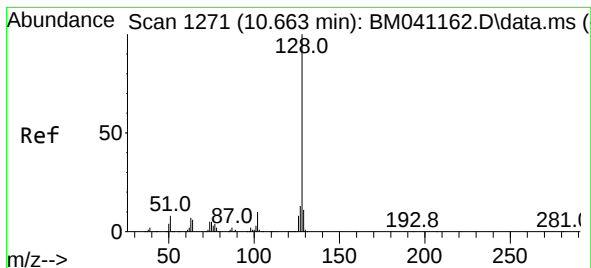
Reviewed By :Yogesh Patel 08/08/2023
Supervised By :mohammad ahmed 08/08/2023



#27
2,4-Dimethylphenol
Concen: 2.964 ng m
RT: 9.786 min Scan# 1122
Delta R.T. 0.006 min
Lab File: BM041313.D
Acq: 07 Aug 2023 15:35

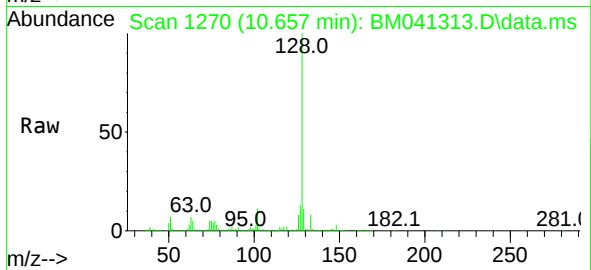
Tgt Ion:122 Resp: 22502
Ion Ratio Lower Upper
122 100
107 159.1 94.3 141.5#
121 93.5 45.8 68.8#





#31
Naphthalene
Concen: 167.467 ng
RT: 10.657 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM041313.D
Acq: 07 Aug 2023 15:35

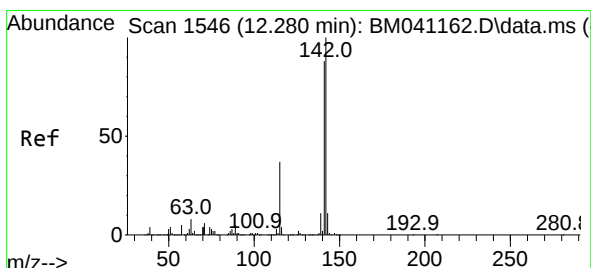
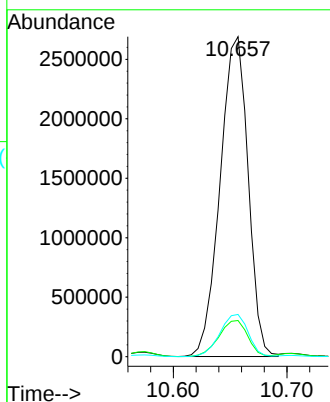
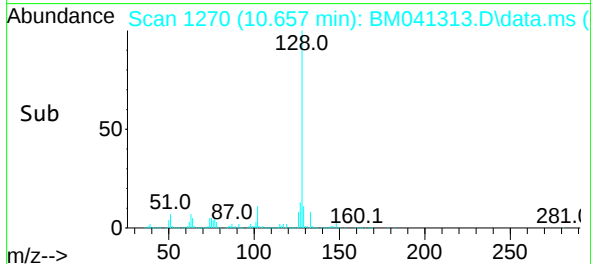
Instrument :
BNA_M
ClientSampleId :
MW-09



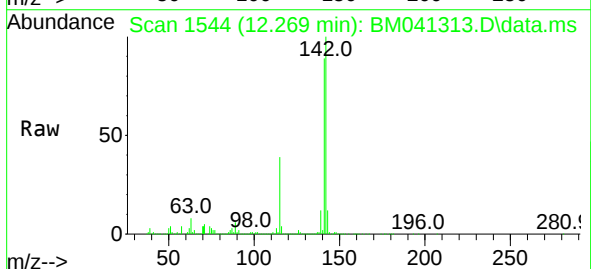
Tgt Ion:128 Resp: 461246
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.2 10.5 15.7

Manual Integrations
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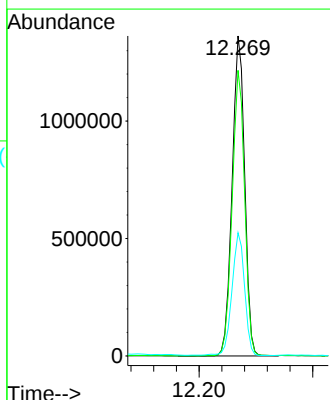
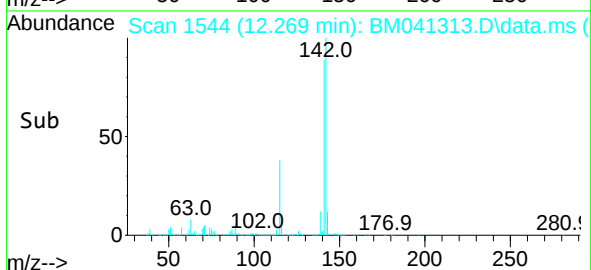
Reviewed By :Yogesh Patel 08/08/2023
Supervised By :mohammad ahmed 08/08/2023

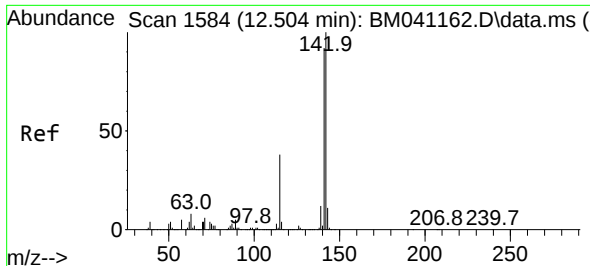


#37
2-Methylnaphthalene
Concen: 112.216 ng
RT: 12.269 min Scan# 1544
Delta R.T. 0.006 min
Lab File: BM041313.D
Acq: 07 Aug 2023 15:35



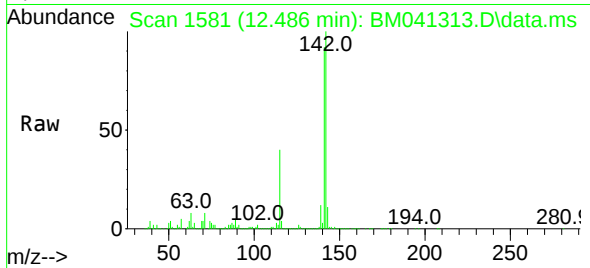
Tgt Ion:142 Resp: 2083691
Ion Ratio Lower Upper
142 100
141 89.3 70.7 106.1
115 38.5 29.3 43.9





#38
1-Methylnaphthalene
Concen: 54.003 ng
RT: 12.486 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BM041313.D
Acq: 07 Aug 2023 15:35

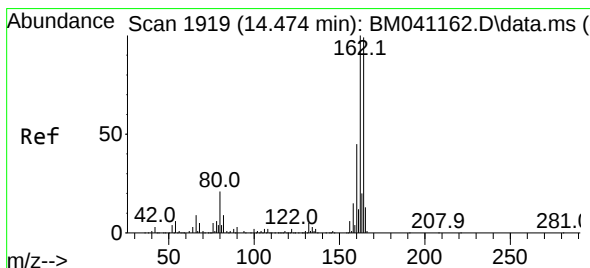
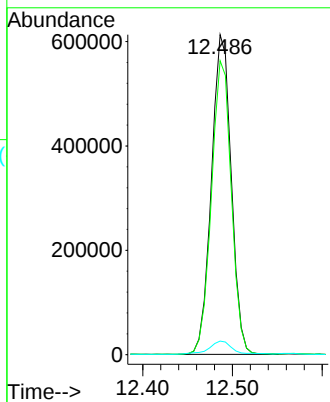
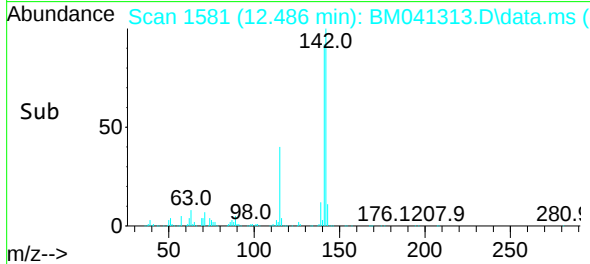
Instrument :
BNA_M
ClientSampleId :
MW-09



Tgt Ion:142 Resp: 938518
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.2
116 4.2 3.2 4.8

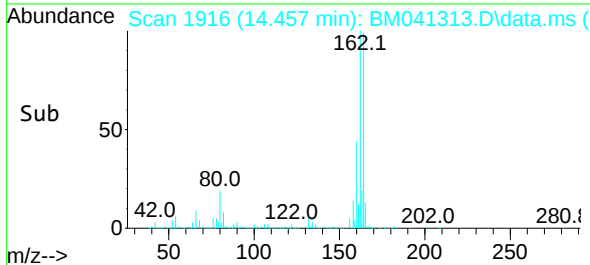
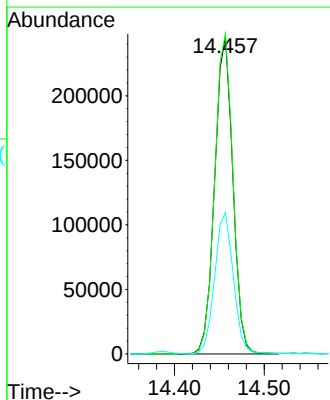
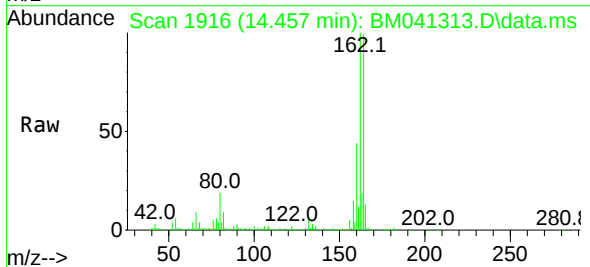
Manual Integrations
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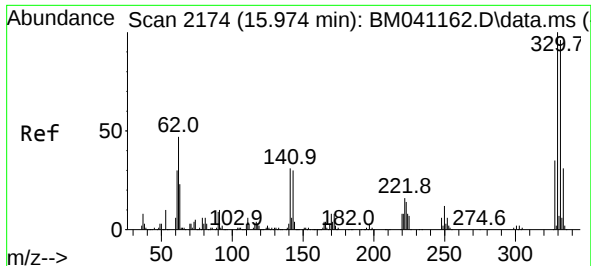
Reviewed By :Yogesh Patel 08/08/2023
Supervised By :mohammad ahmed 08/08/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BM041313.D
Acq: 07 Aug 2023 15:35

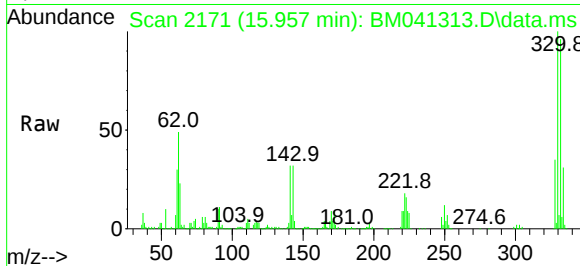
Tgt Ion:164 Resp: 346102
Ion Ratio Lower Upper
164 100
162 100.8 80.4 120.6
160 44.5 36.2 54.2





#42
2,4,6-Tribromophenol
Concen: 91.139 ng
RT: 15.957 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BM041313.D
Acq: 07 Aug 2023 15:35

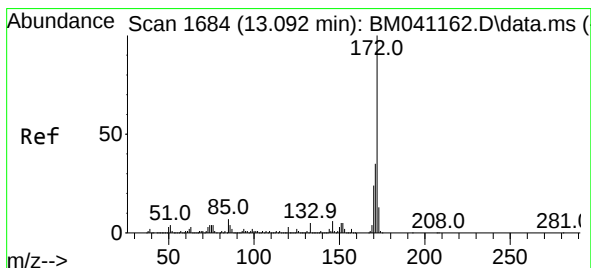
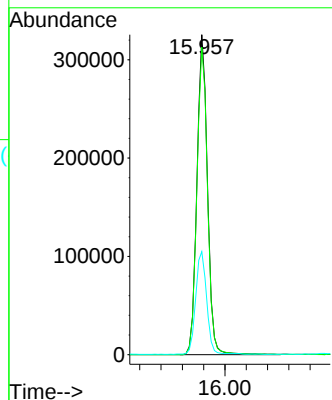
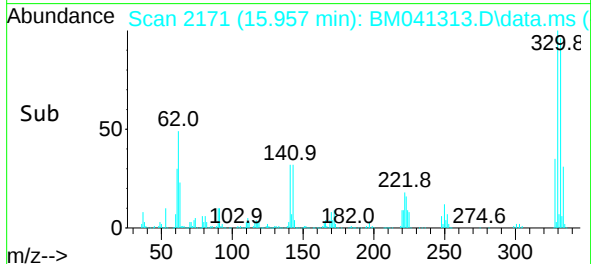
Instrument :
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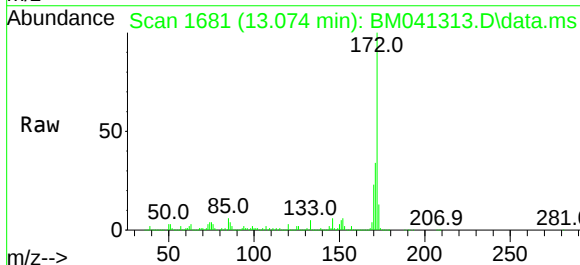
Tgt Ion:330 Resp: 44616
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 33.2 28.3 42.5

Manual Integrations
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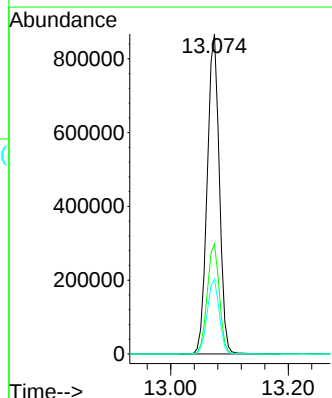
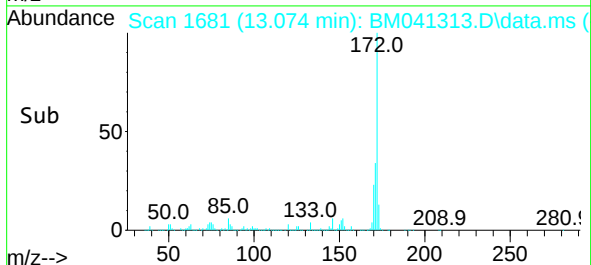
Reviewed By :Yogesh Patel 08/08/2023
Supervised By :mohammad ahmed 08/08/2023

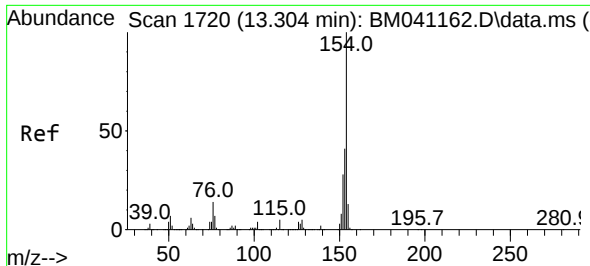


#45
2-Fluorobiphenyl
Concen: 45.055 ng
RT: 13.074 min Scan# 1681
Delta R.T. 0.006 min
Lab File: BM041313.D
Acq: 07 Aug 2023 15:35



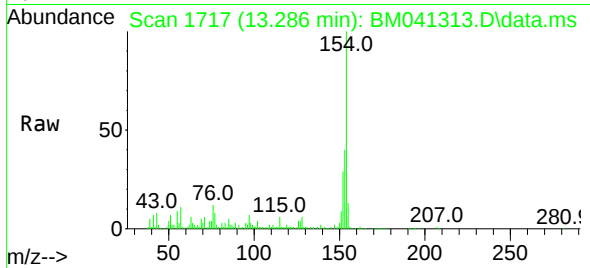
Tgt Ion:172 Resp: 1234416
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.3 18.9 28.3





#46
1,1'-Biphenyl
Concen: 4.043 ng
RT: 13.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM041313.D
Acq: 07 Aug 2023 15:35

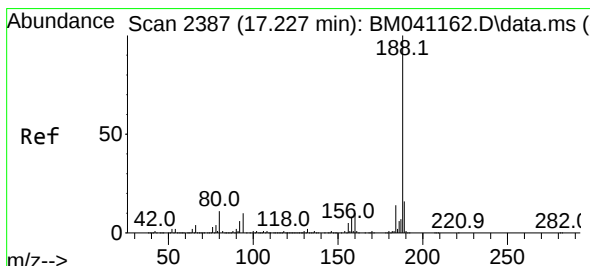
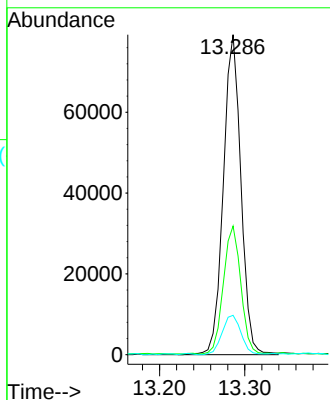
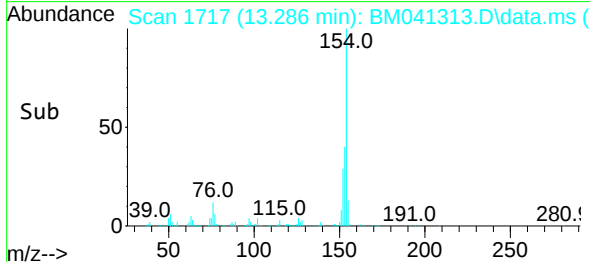
Instrument :
BNA_M
ClientSampleId :
MW-09



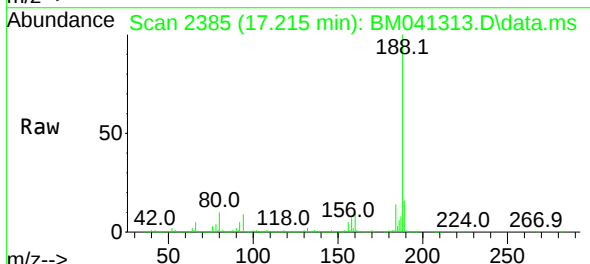
Tgt Ion:154 Resp: 11343
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 12.3 0.0 34.1

Manual Integrations
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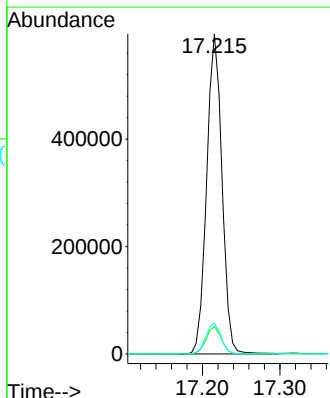
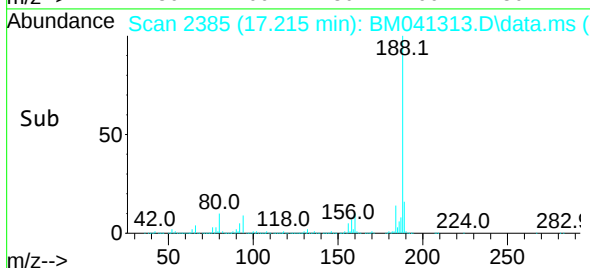
Reviewed By :Yogesh Patel 08/08/2023
Supervised By :mohammad ahmed 08/08/2023

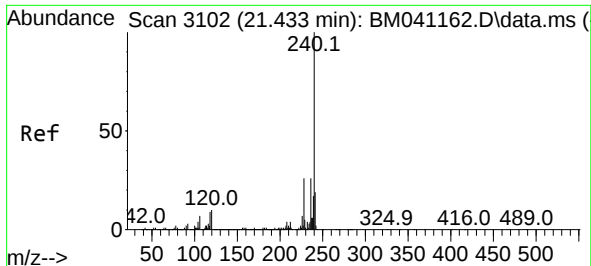


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2385
Delta R.T. 0.000 min
Lab File: BM041313.D
Acq: 07 Aug 2023 15:35



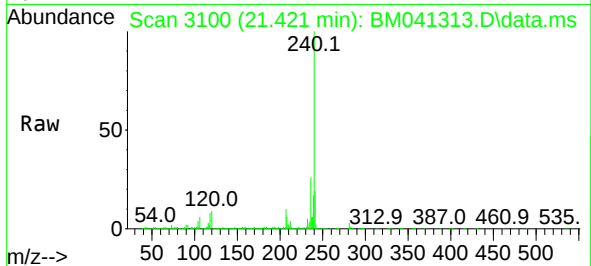
Tgt Ion:188 Resp: 817172
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.2
80 9.7 8.6 13.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM041313.D
Acq: 07 Aug 2023 15:35

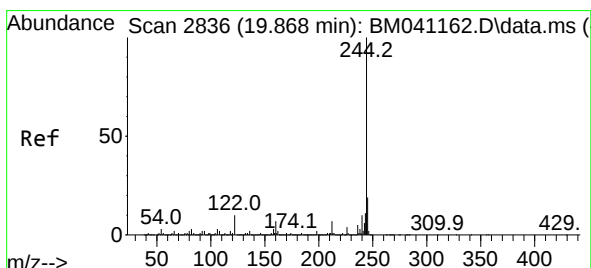
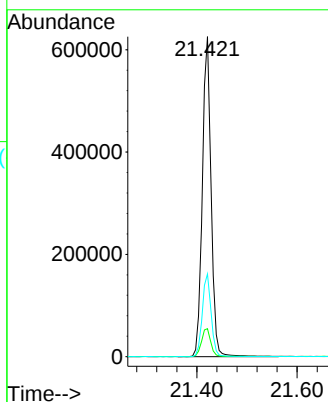
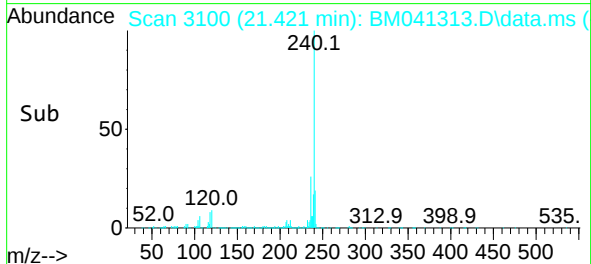
Instrument :
BNA_M
ClientSampleId :
MW-09



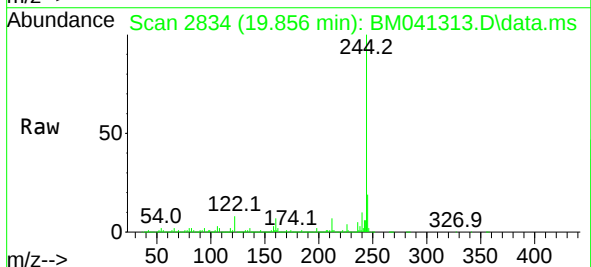
Tgt Ion:240 Resp: 75887
Ion Ratio Lower Upper
240 100
120 8.7 8.3 12.5
236 25.9 20.6 30.8

Manual Integrations
APPROVED

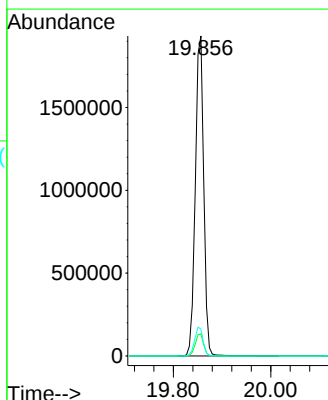
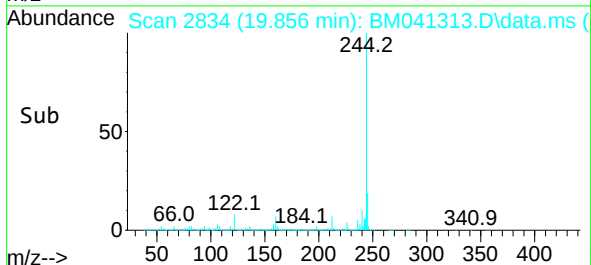
Reviewed By :Yogesh Patel 08/08/2023
Supervised By :mohammad ahmed 08/08/2023

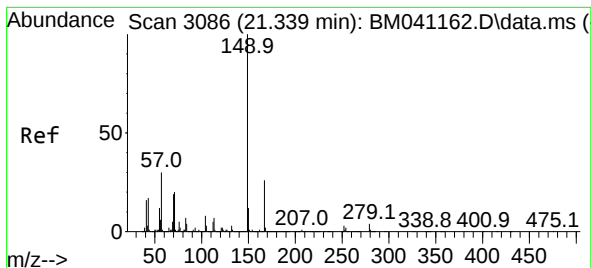


#79
Terphenyl-d14
Concen: 55.533 ng
RT: 19.856 min Scan# 2834
Delta R.T. 0.006 min
Lab File: BM041313.D
Acq: 07 Aug 2023 15:35



Tgt Ion:244 Resp: 2330825
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 8.4 7.8 11.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.661 ng

RT: 21.327 min Scan# 3084

Delta R.T. 0.000 min

Lab File: BM041313.D

Acq: 07 Aug 2023 15:35

Instrument :

BNA_M

ClientSampleId :

MW-09

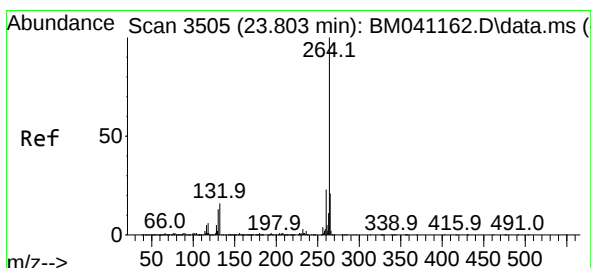
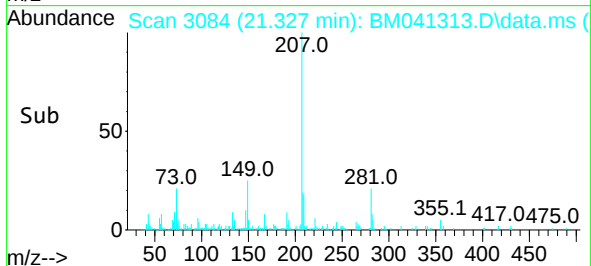
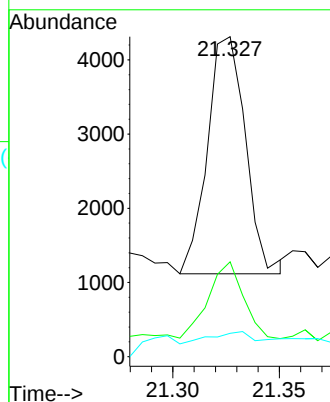
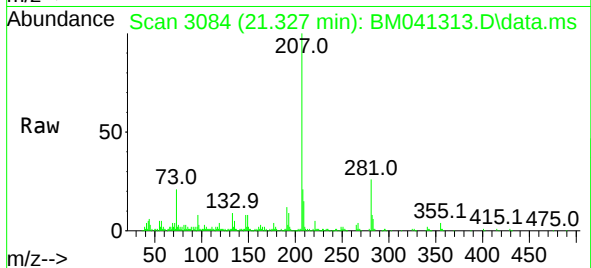
Tgt Ion:	149	Resp:	397
Ion Ratio	Lower	Upper	
149	100		
167	29.7	21.0	31.6
279	7.3	3.1	4.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.791 min Scan# 3503

Delta R.T. 0.006 min

Lab File: BM041313.D

Acq: 07 Aug 2023 15:35

Tgt Ion:	264	Resp:	755427
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.5	27.7
265	21.8	17.4	26.0

