

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
 Data File : BM036199.D
 Acq On : 10 Aug 2022 19:23
 Operator : CG/JU
 Sample : N3971-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-14

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/11/2022
 Supervised By :Jagrut Upadhyay 08/11/2022

Quant Time: Aug 10 22:27:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 22:19:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	222717	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	898226	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	510131	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	1019747	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1034169	20.000	ng	0.00
86) Perylene-d12	23.739	264	1081799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1226867	89.309	ng	0.00
7) Phenol-d6	7.028	99	1040786	59.543	ng	0.00
23) Nitrobenzene-d5	9.004	82	1486144	92.616	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	859227	143.575	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	3211019	92.937	ng	0.00
79) Terphenyl-d14	19.839	244	5015248	95.654	ng	0.00
Target Compounds						Qvalue
25) Isophorone	9.569	82	63037	2.415	ng	97
31) Naphthalene	10.686	128	1850325	41.434	ng	99
35) Caprolactam	11.598	113	31654	8.291	ng	97
37) 2-Methylnaphthalene	12.298	142	154487	5.199	ng	98
38) 1-Methylnaphthalene	12.516	142	93716m	3.220	ng	

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

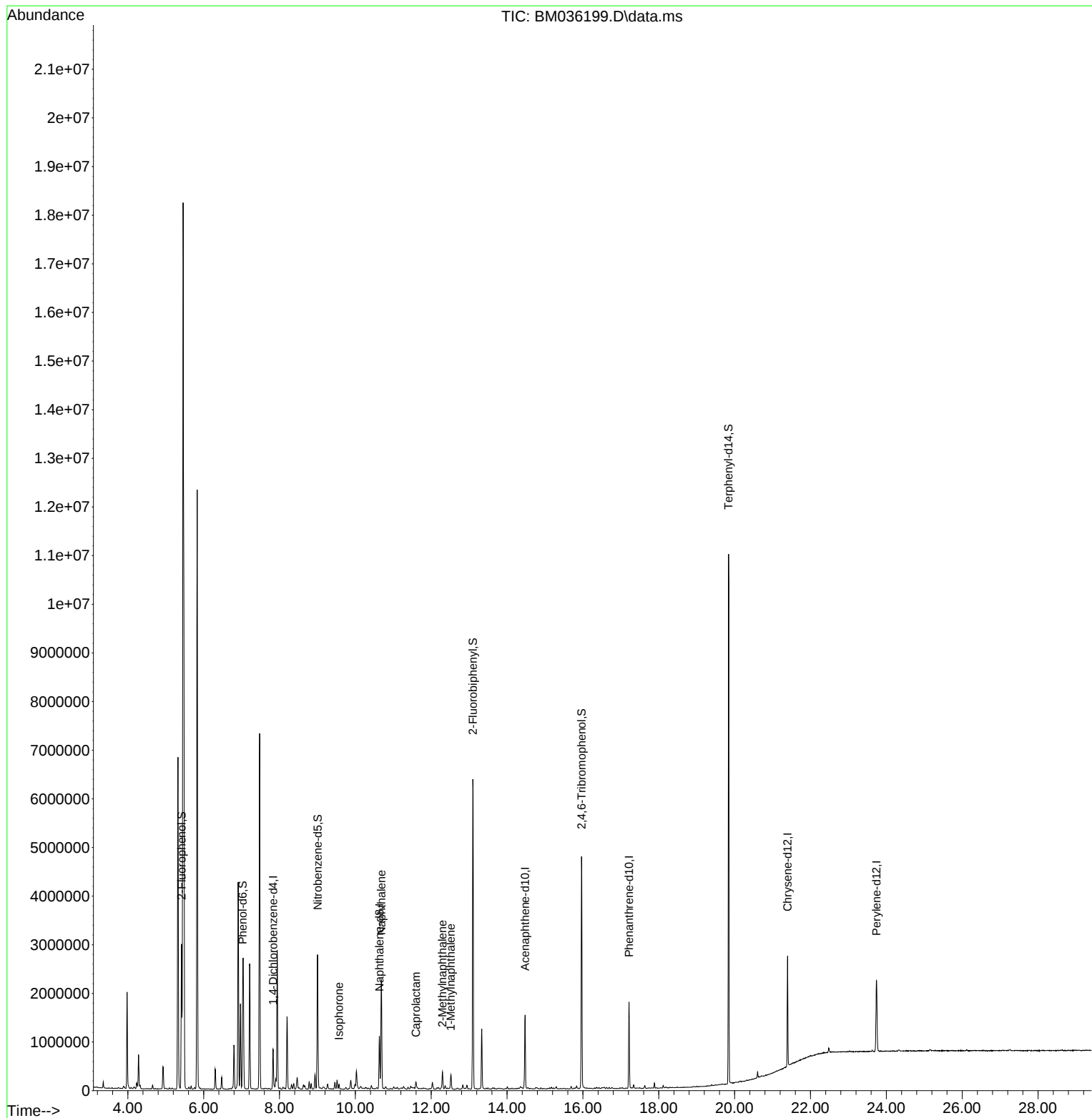
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
Data File : BM036199.D
Acq On : 10 Aug 2022 19:23
Operator : CG/JU
Sample : N3971-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

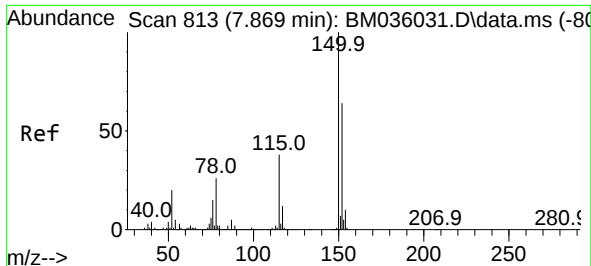
Instrument :
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QLast Update : Wed Aug 10 22:19:26 2022
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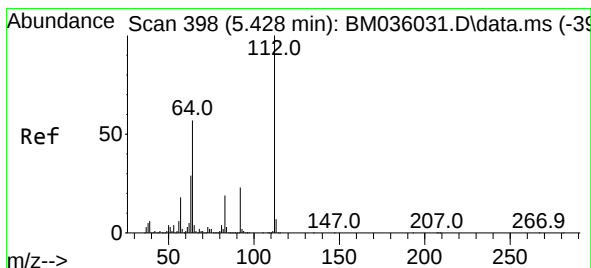
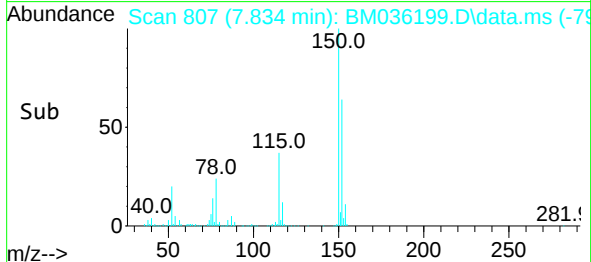
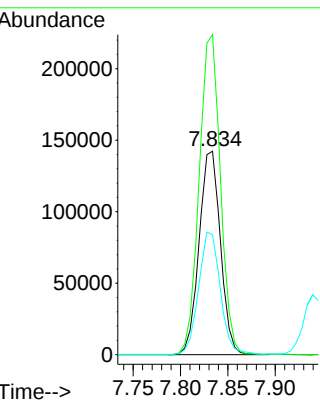
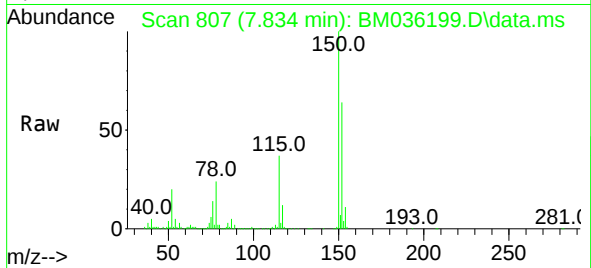
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

Instrument :
BNA_M
ClientSampleId :
MW-14

Tgt Ion:152 Resp: 222717
Ion Ratio Lower Upper
152 100
150 157.2 124.9 187.3
115 58.9 47.9 71.9

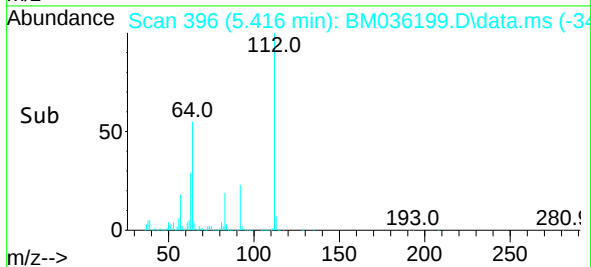
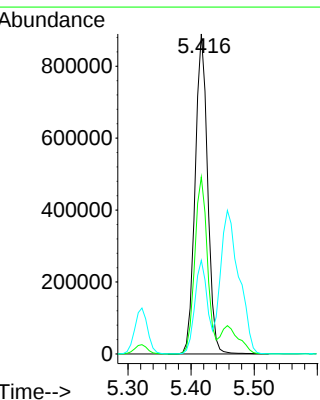
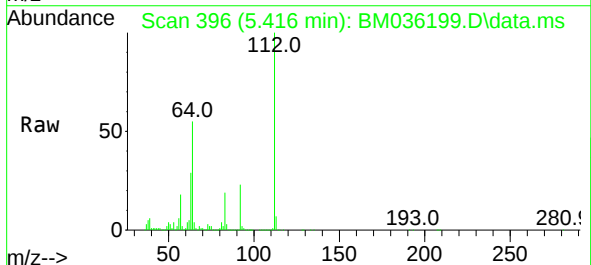
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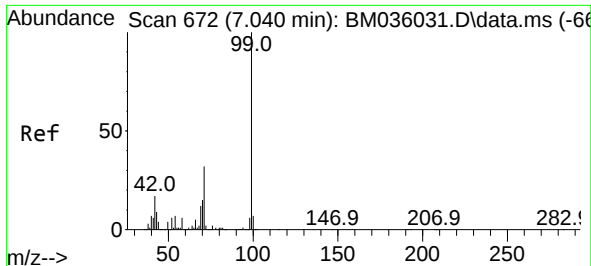
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#5
2-Fluorophenol
Concen: 89.309 ng
RT: 5.416 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

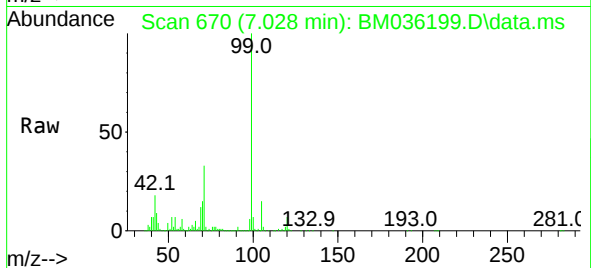
Tgt Ion:112 Resp: 1226867
Ion Ratio Lower Upper
112 100
64 55.3 47.8 71.6
63 29.3 26.6 40.0





#7
Phenol-d6
Concen: 59.543 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

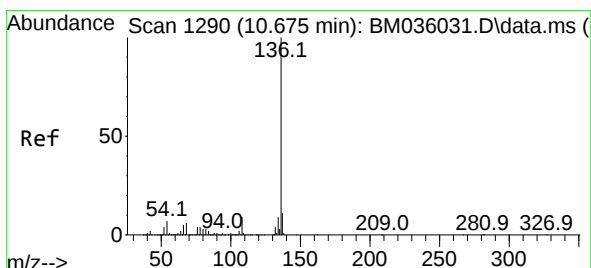
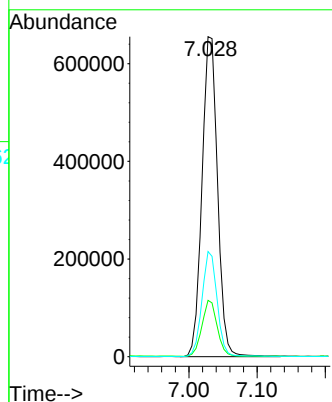
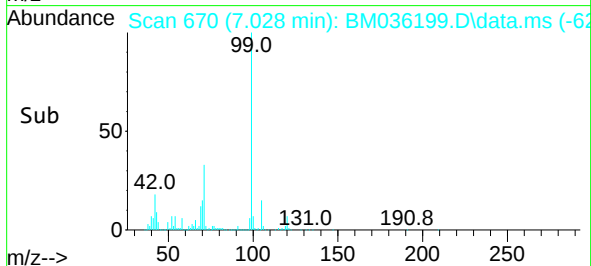
Instrument :
BNA_M
ClientSampleId :
MW-14



Tgt Ion: 99 Resp: 1040780
Ion Ratio Lower Upper
99 100
42 17.6 18.8 28.2
71 32.8 30.2 45.2

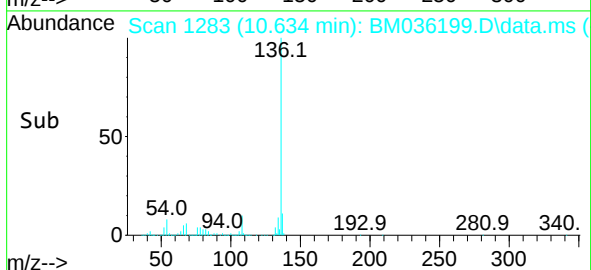
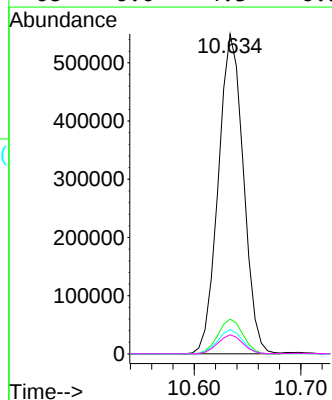
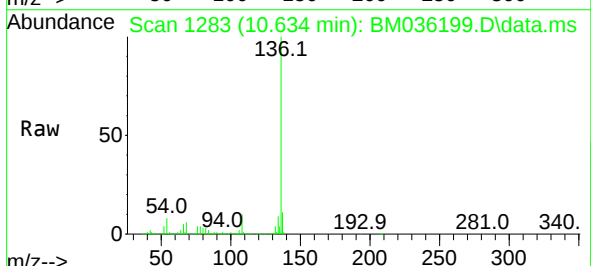
Manual Integrations
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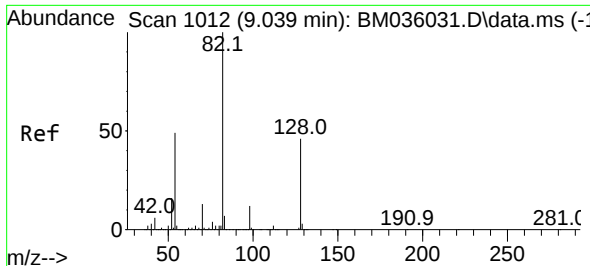
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

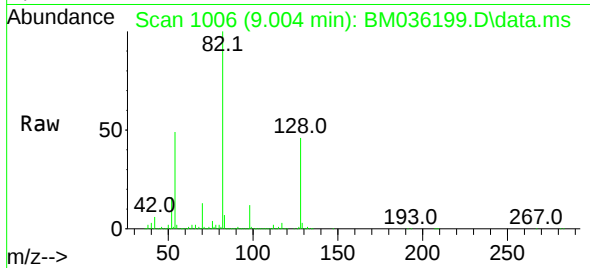
Tgt Ion:136 Resp: 898226
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.5 7.0 10.4
68 6.0 4.3 6.5





#23
Nitrobenzene-d5
Concen: 92.616 ng
RT: 9.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

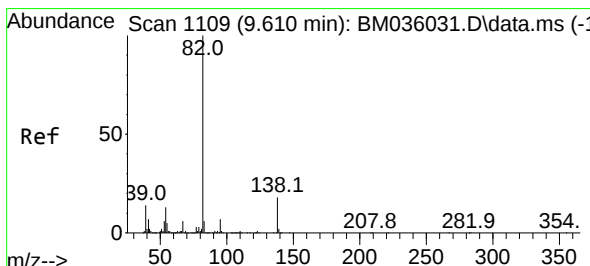
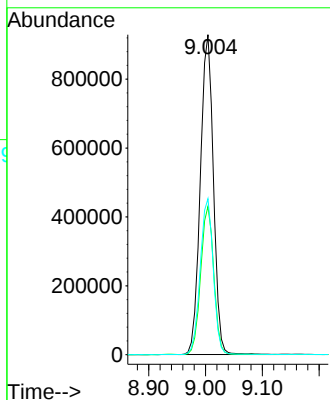
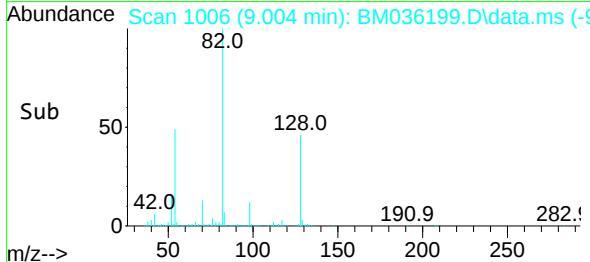
Instrument :
BNA_M
ClientSampleId :
MW-14



Tgt Ion: 82 Resp: 148614
Ion Ratio Lower Upper
82 100
128 46.3 33.7 50.5
54 48.7 43.2 64.8

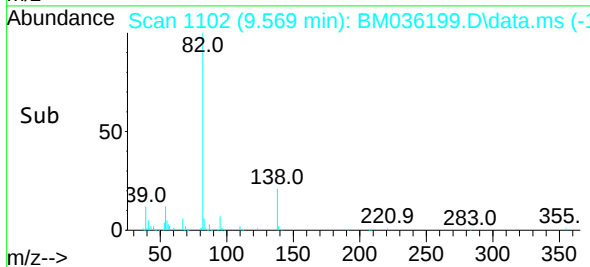
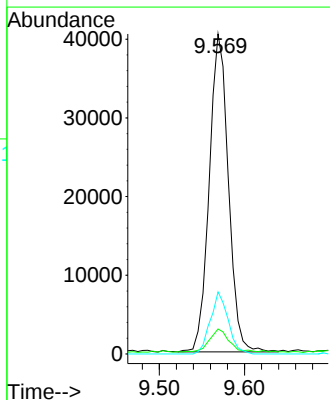
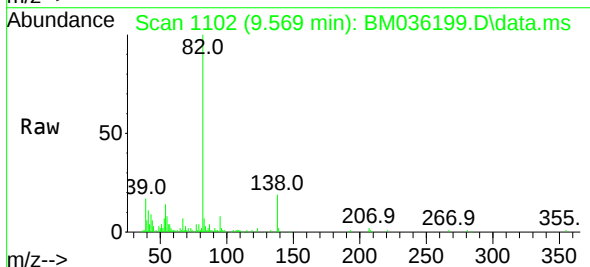
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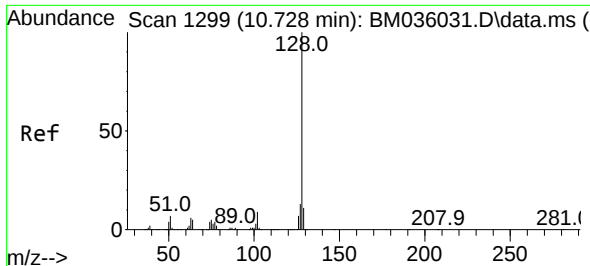
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#25
Isophorone
Concen: 2.415 ng
RT: 9.569 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

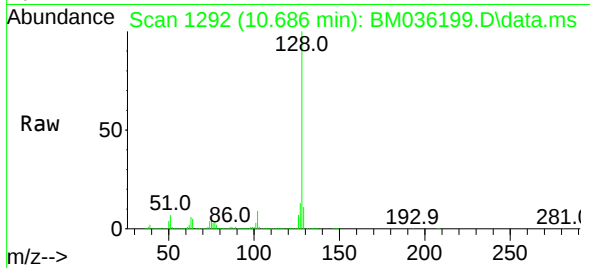
Tgt Ion: 82 Resp: 63037
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 19.4 14.2 21.4





#31
Naphthalene
Concen: 41.434 ng
RT: 10.686 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

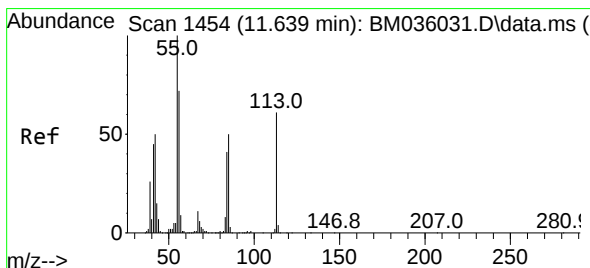
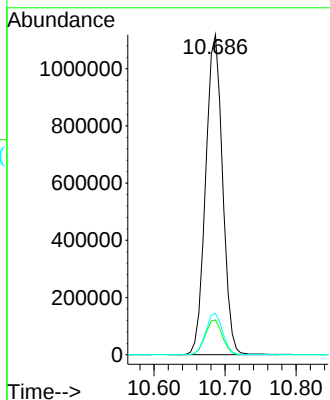
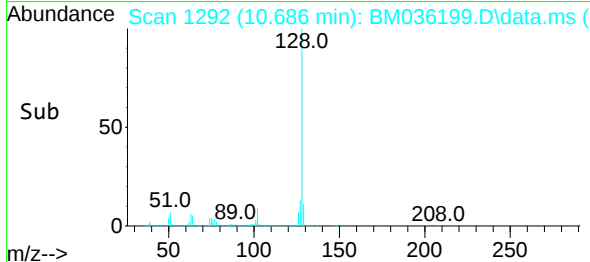
Instrument :
BNA_M
ClientSampleId :
MW-14



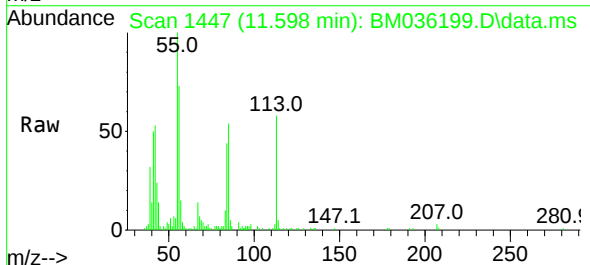
Tgt Ion:128 Resp: 185032
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.9 10.6 16.0

Manual Integrations
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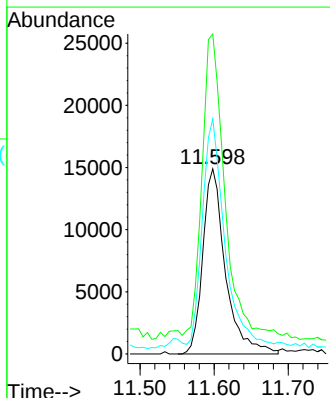
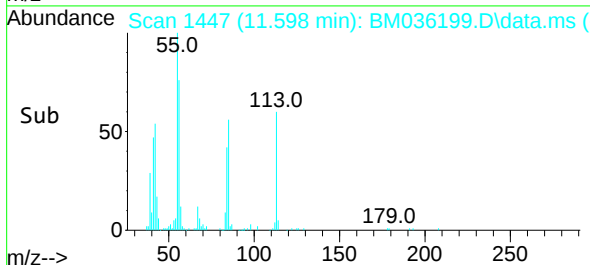
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

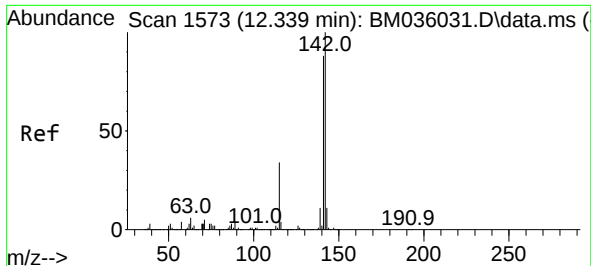


#35
Caprolactam
Concen: 8.291 ng
RT: 11.598 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23



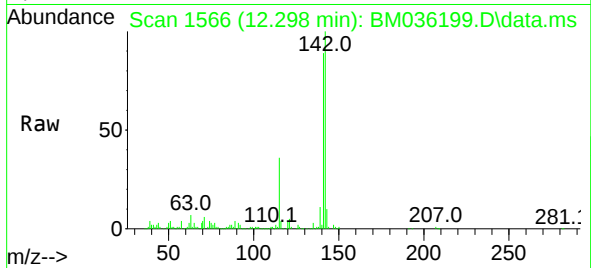
Tgt Ion:113 Resp: 31654
Ion Ratio Lower Upper
113 100
55 172.9 150.1 190.1
56 127.0 111.7 151.7





#37
2-Methylnaphthalene
Concen: 5.199 ng
RT: 12.298 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

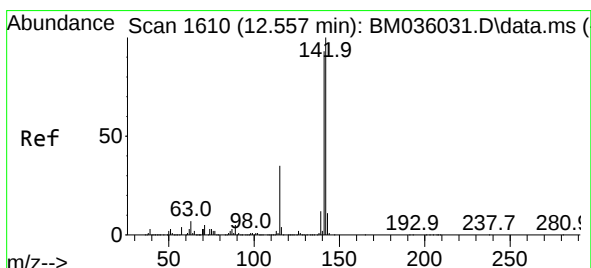
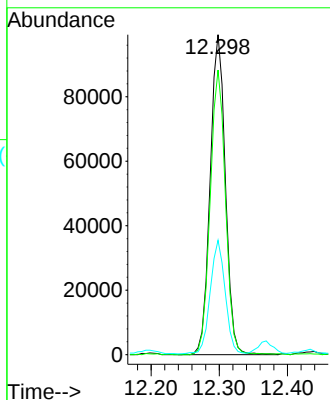
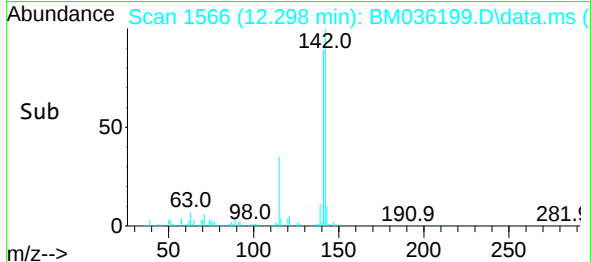
Instrument :
BNA_M
ClientSampleId :
MW-14



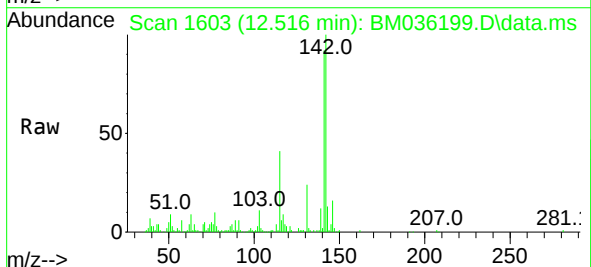
Tgt Ion:142 Resp: 15448
Ion Ratio Lower Upper
142 100
141 89.0 72.4 108.6
115 35.7 29.6 44.4

Manual Integrations
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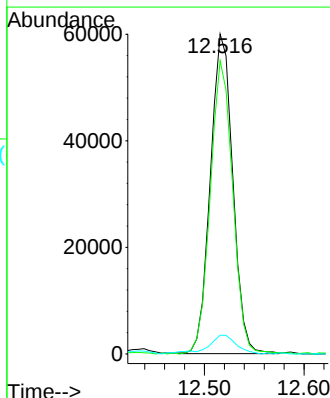
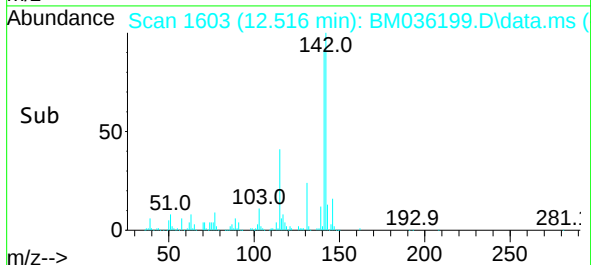
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

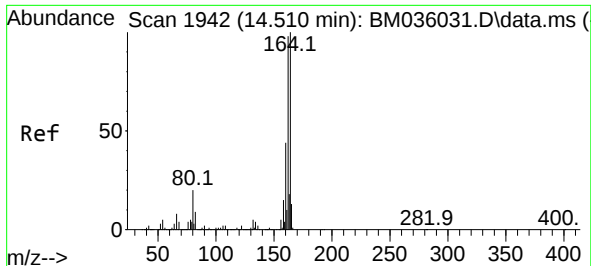


#38
1-Methylnaphthalene
Concen: 3.220 ng m
RT: 12.516 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23



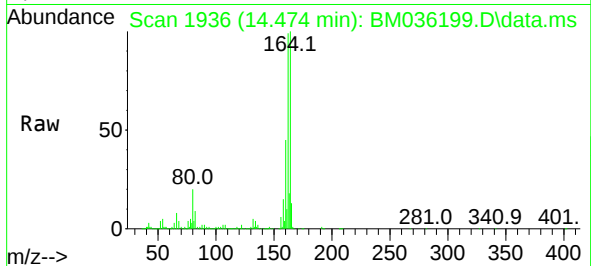
Tgt Ion:142 Resp: 93716
Ion Ratio Lower Upper
142 100
141 91.6 75.0 112.4
116 5.8 3.4 5.2#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

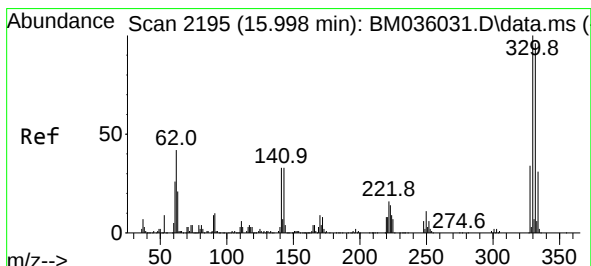
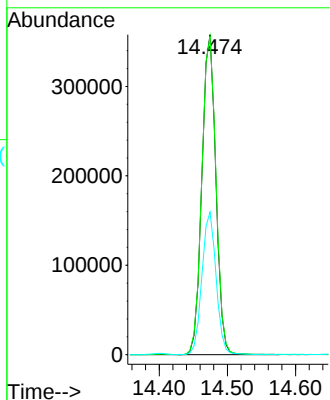
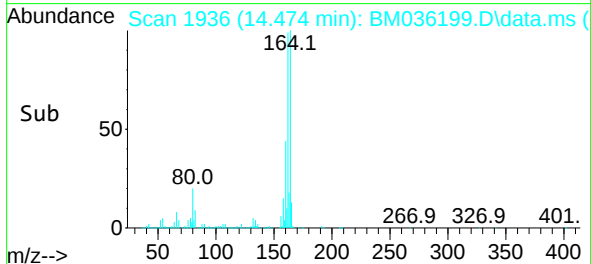
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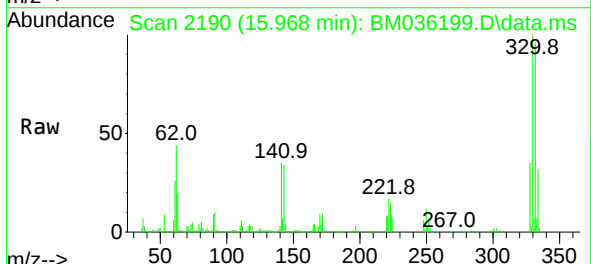
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Ion Ratio Lower Upper
164 100
162 99.4 83.0 124.6
160 44.5 37.0 55.4

Manual Integrations
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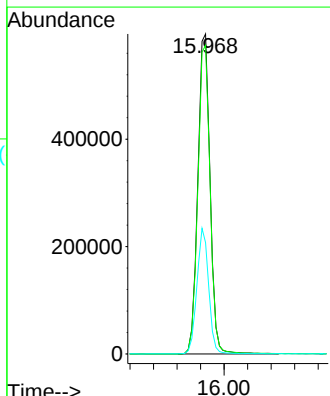
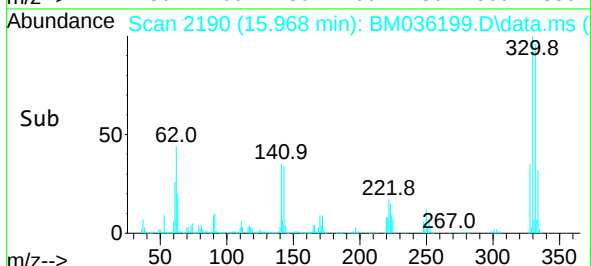
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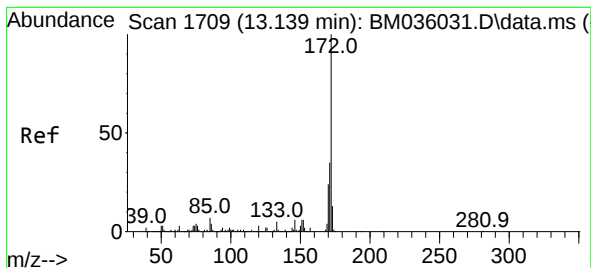


#42
2,4,6-Tribromophenol
Concen: 143.575 ng
RT: 15.968 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23



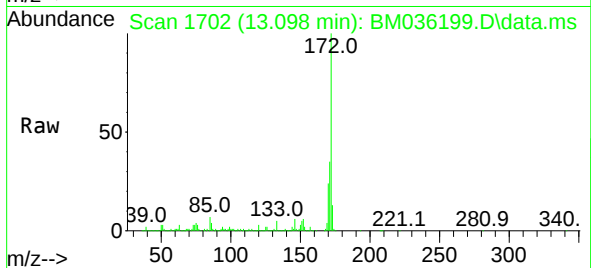
Tgt Ion:330 Resp: 859227
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 37.6 35.3 52.9





#45
2-Fluorobiphenyl
Concen: 92.937 ng
RT: 13.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

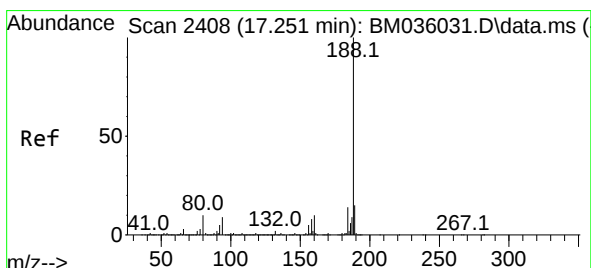
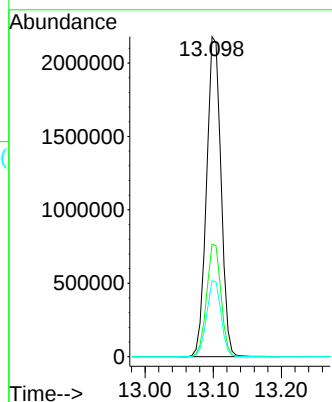
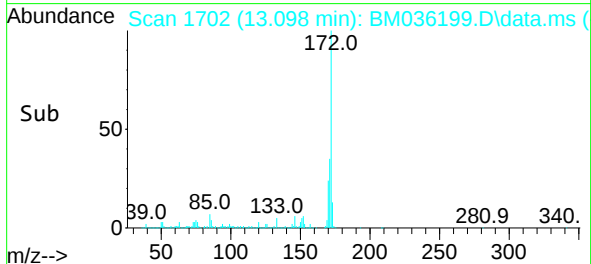
Instrument :
BNA_M
ClientSampleId :
MW-14



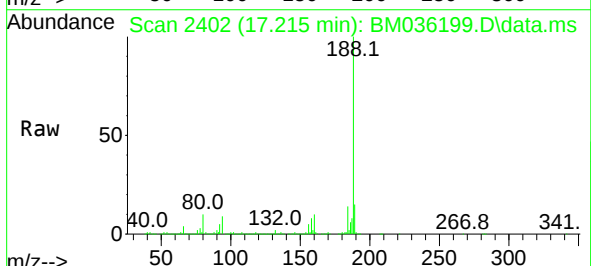
Tgt Ion:172 Resp: 3211019
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.7 18.7 28.1

Manual Integrations
APPROVED

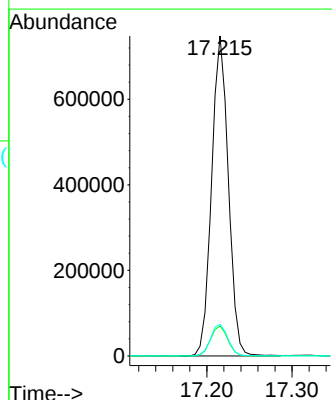
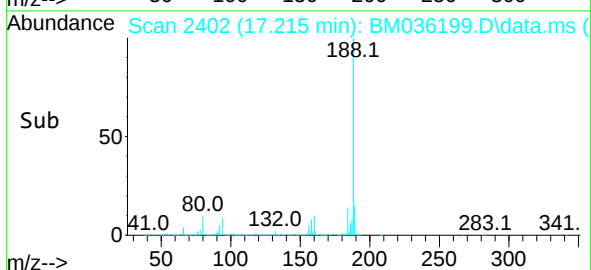
Reviewed By :Christian Giraldo 08/11/2022
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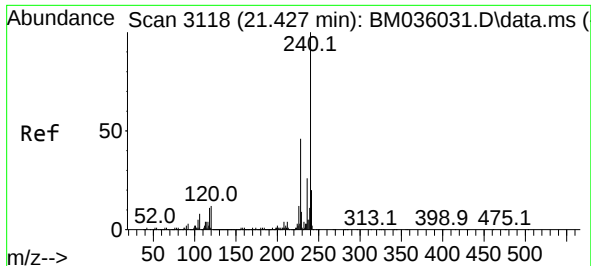


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23



Tgt Ion:188 Resp: 1019747
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.4
80 9.9 7.6 11.4





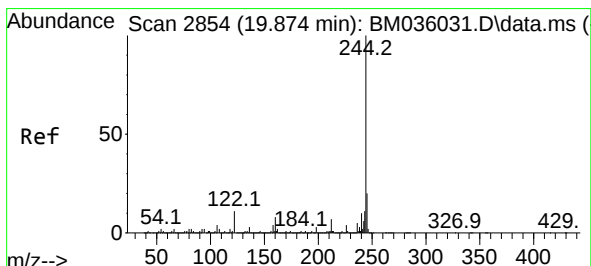
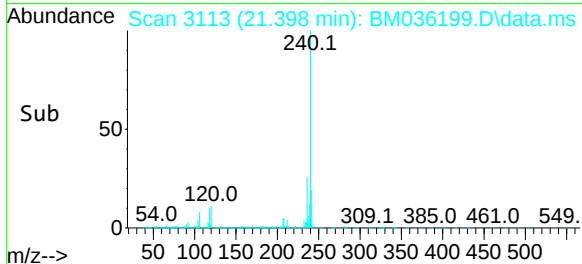
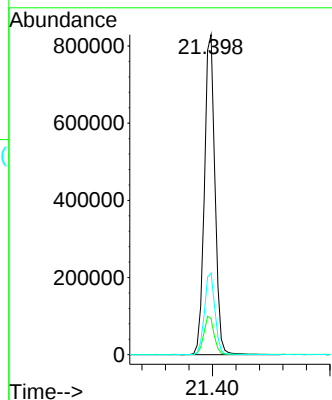
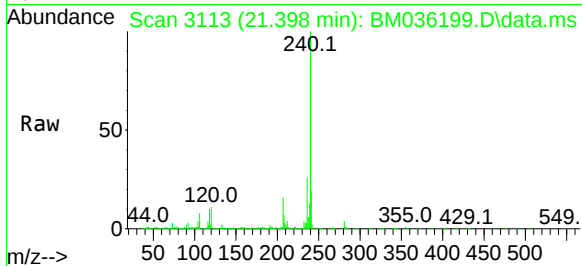
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

Instrument :
BNA_M
ClientSampleId :
MW-14

Tgt Ion:240 Resp: 1034169
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.0
236 25.5 20.6 30.8

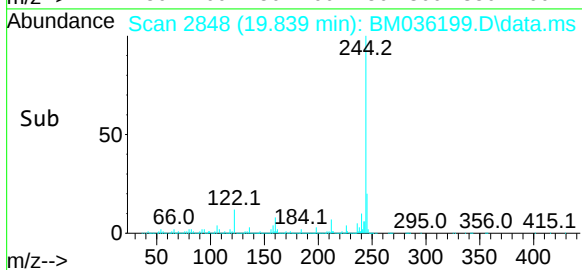
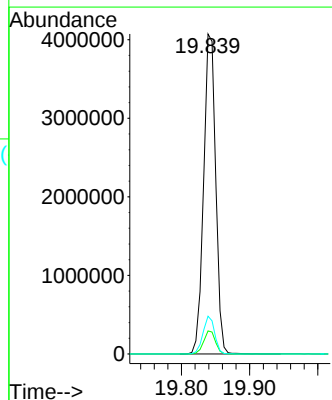
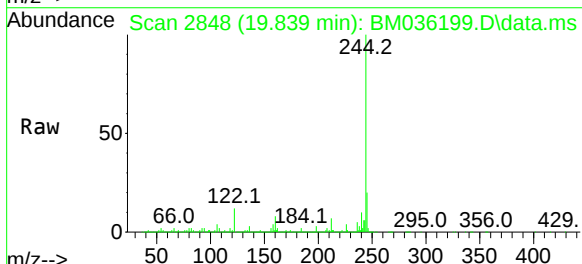
Manual Integrations
APPROVED

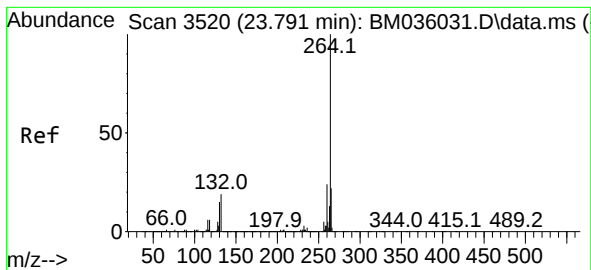
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022



#79
Terphenyl-d14
Concen: 95.654 ng
RT: 19.839 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

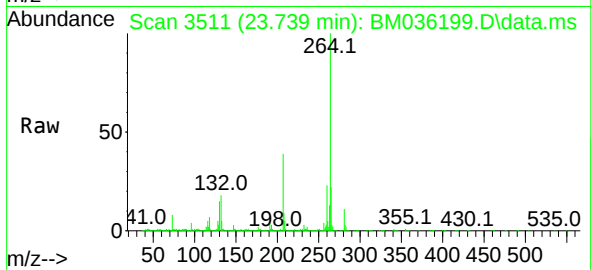
Tgt Ion:244 Resp: 5015248
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.4
122 11.8 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.739 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BM036199.D
 Acq: 10 Aug 2022 19:23

Instrument :
 BNA_M
 ClientSampleId :
 MW-14



Tgt Ion:264 Resp: 1081799
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 22.3 17.5 26.3

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/11/2022
 Supervised By :Jagrut Upadhyay 08/11/2022

