

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
 Data File : BM041312.D
 Acq On : 07 Aug 2023 14:58
 Operator : MA/JU
 Sample : 03903-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-03W

Quant Time: Aug 07 17:30:40 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)

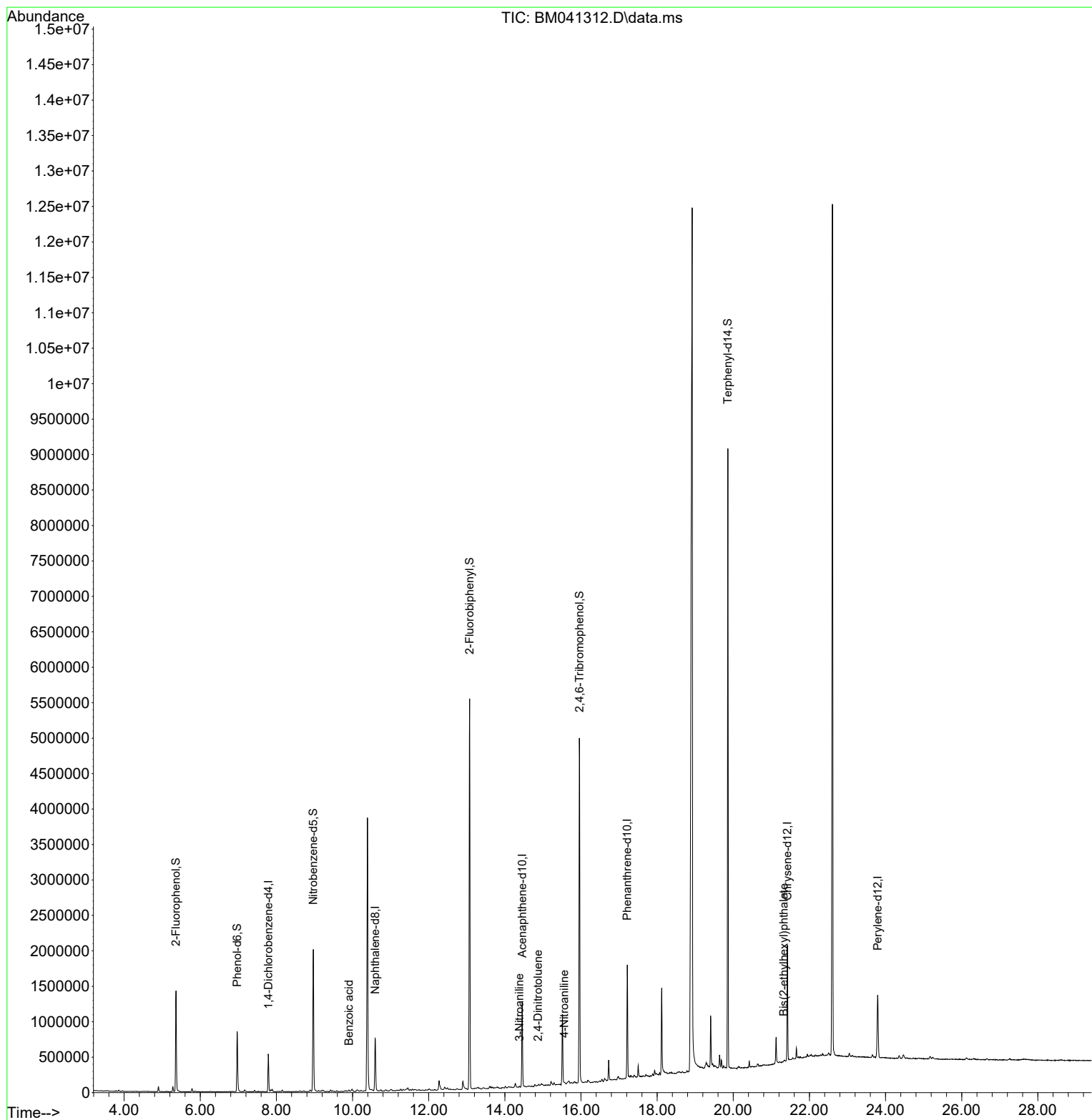
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	135599	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	591345	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	397939	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	885291	20.000	ng	0.00
76) Chrysene-d12	21.421	240	687879	20.000	ng	0.00
86) Perylene-d12	23.791	264	641898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	591382	65.183	ng	0.00
7) Phenol-d6	6.969	99	487937	41.490	ng	0.00
23) Nitrobenzene-d5	8.969	82	1113823	87.593	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	898375	159.608	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	2681466	85.123	ng	0.00
79) Terphenyl-d14	19.856	244	4075400	107.120	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.904	122	5188	7.820	ng	90
53) 3-Nitroaniline	14.380	138	174	2.600	ng	# 45
57) 2,4-Dinitrotoluene	14.868	165	782	2.754	ng	# 69
62) 4-Nitroaniline	15.562	138	229	4.179	ng	# 46
84) Bis(2-ethylhexyl)phtha...	21.327	149	4830	2.703	ng	# 85

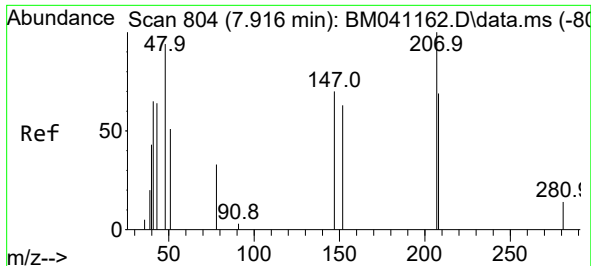
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041312.D
Acq On : 07 Aug 2023 14:58
Operator : MA/JU
Sample : 03903-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 07 17:30:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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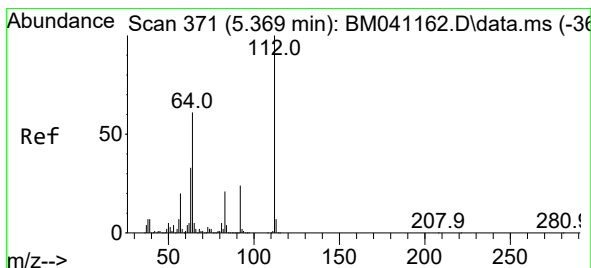
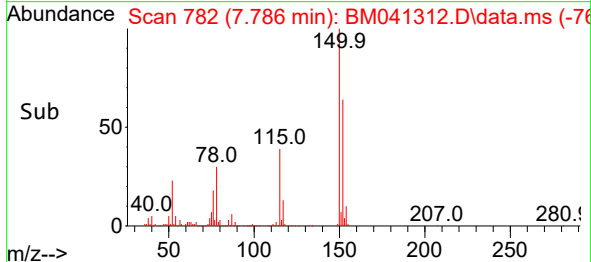
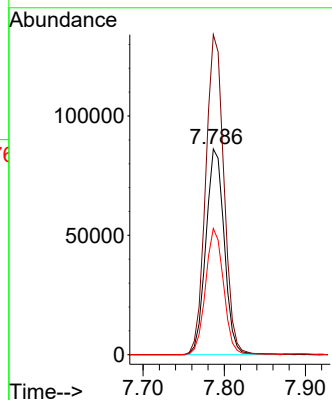
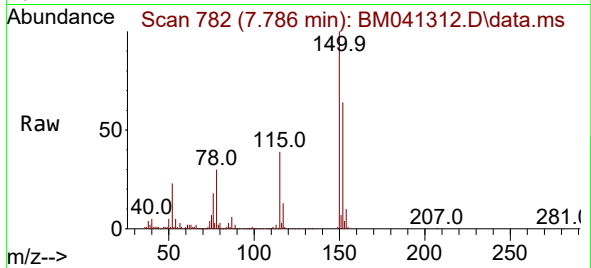




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.786 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: BM041312.D
 Acq: 07 Aug 2023 14:58

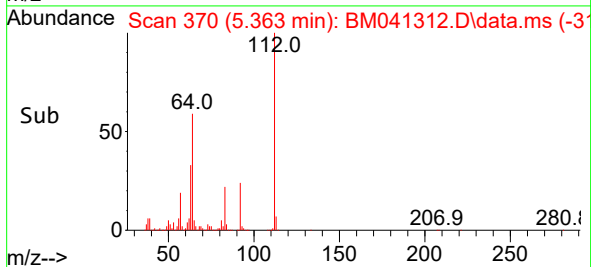
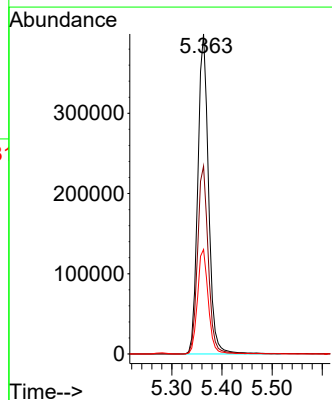
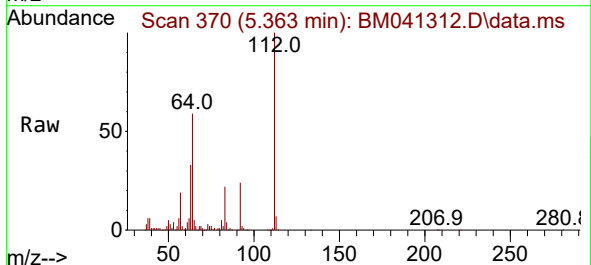
Instrument :
 BNA_M
 ClientSampleId :
 MW-03W

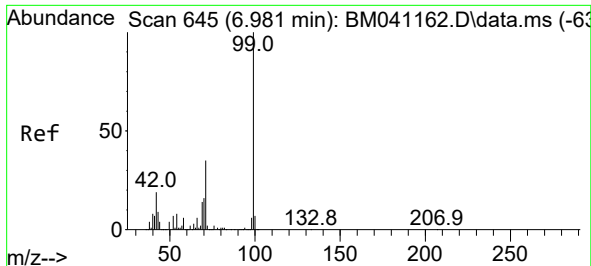
Tgt Ion:152 Resp: 135599
 Ion Ratio Lower Upper
 152 100
 150 155.5 125.5 188.3
 115 61.3 48.0 72.0



#5
 2-Fluorophenol
 Concen: 65.183 ng
 RT: 5.363 min Scan# 370
 Delta R.T. 0.006 min
 Lab File: BM041312.D
 Acq: 07 Aug 2023 14:58

Tgt Ion:112 Resp: 591382
 Ion Ratio Lower Upper
 112 100
 64 58.7 48.5 72.7
 63 32.6 26.5 39.7

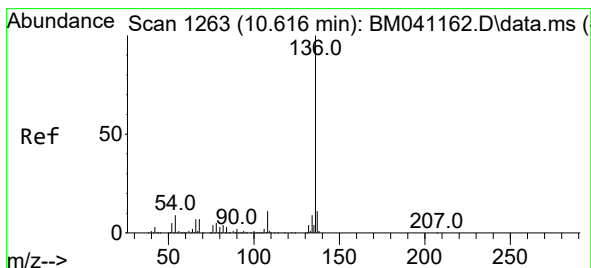
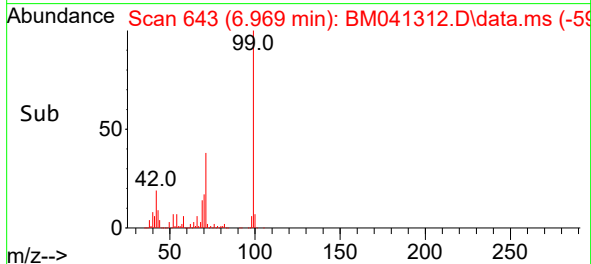
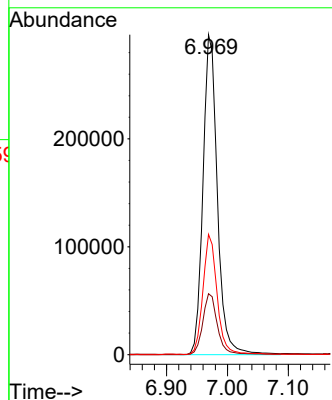
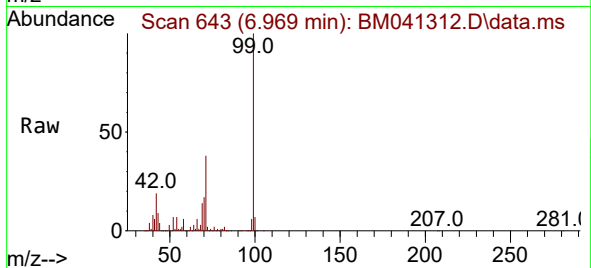




#7
Phenol-d6
Concen: 41.490 ng
RT: 6.969 min Scan# 64
Delta R.T. -0.000 min
Lab File: BM041312.D
Acq: 07 Aug 2023 14:58

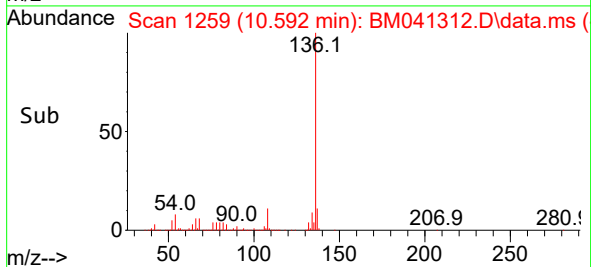
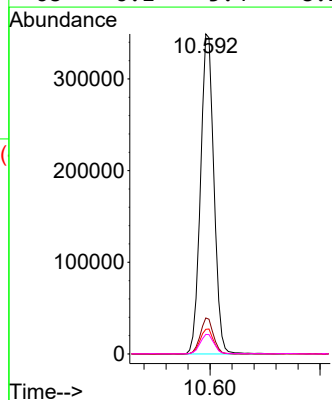
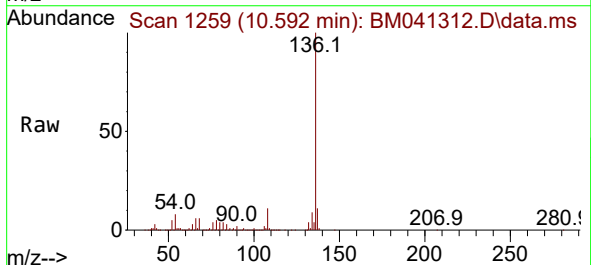
Instrument :
BNA_M
ClientSampleId :
MW-03W

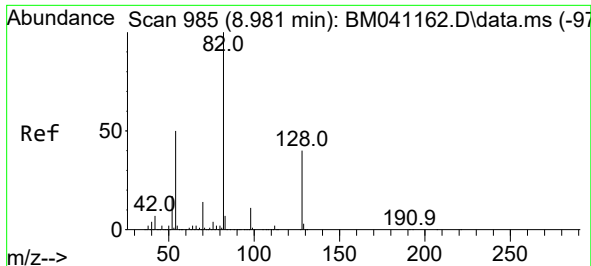
Tgt Ion: 99 Resp: 487937
Ion Ratio Lower Upper
99 100
42 19.0 15.4 23.0
71 37.6 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BM041312.D
Acq: 07 Aug 2023 14:58

Tgt Ion:136 Resp: 591345
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.7 6.9 10.3
68 6.1 5.4 8.2

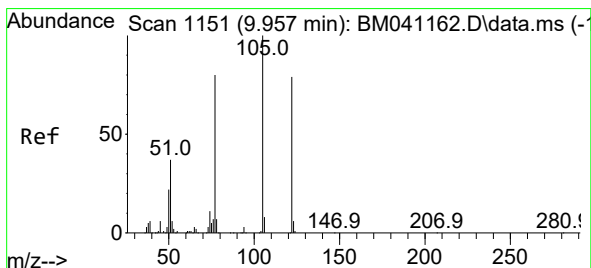
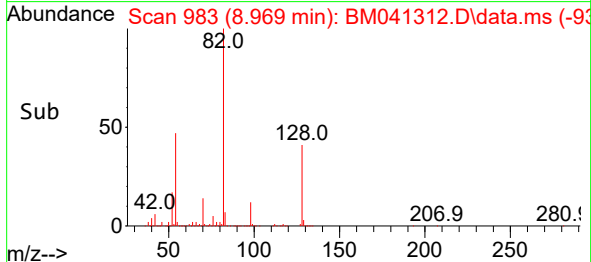
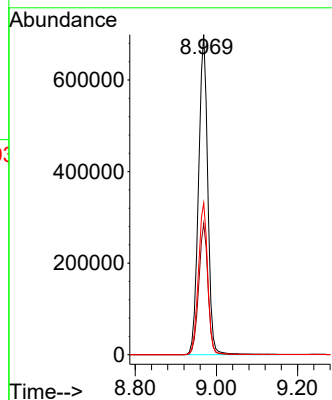
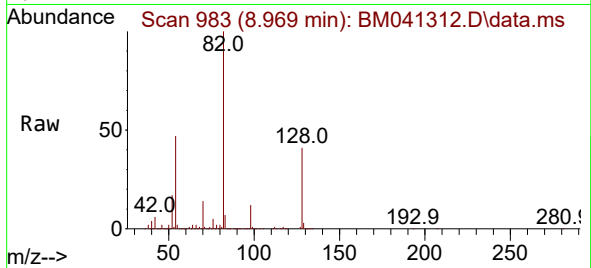




#23
Nitrobenzene-d5
Concen: 87.593 ng
RT: 8.969 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM041312.D
Acq: 07 Aug 2023 14:58

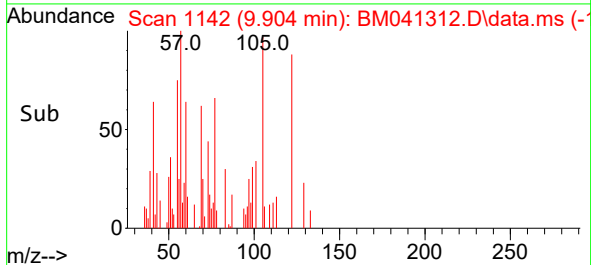
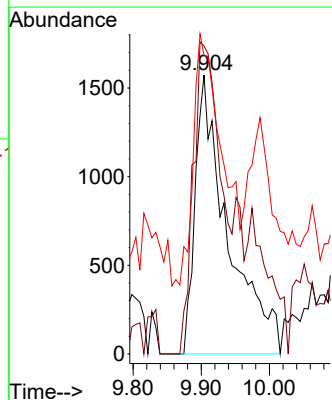
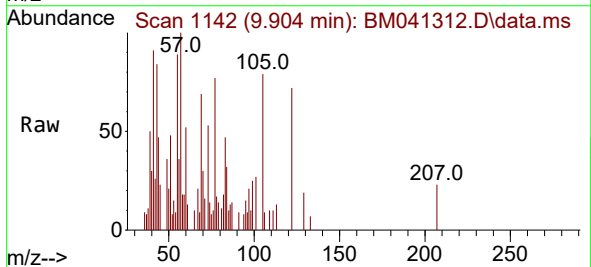
Instrument :
BNA_M
ClientSampleId :
MW-03W

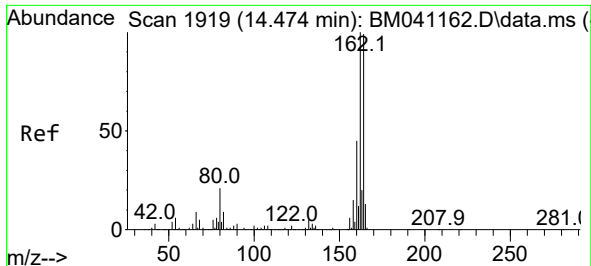
Tgt Ion: 82 Resp: 1113823
Ion Ratio Lower Upper
82 100
128 41.0 31.8 47.6
54 47.4 40.1 60.1



#32
Benzoic acid
Concen: 7.820 ng
RT: 9.904 min Scan# 1142
Delta R.T. -0.053 min
Lab File: BM041312.D
Acq: 07 Aug 2023 14:58

Tgt Ion: 122 Resp: 5188
Ion Ratio Lower Upper
122 100
105 110.4 104.0 144.0
77 106.9 79.9 119.9

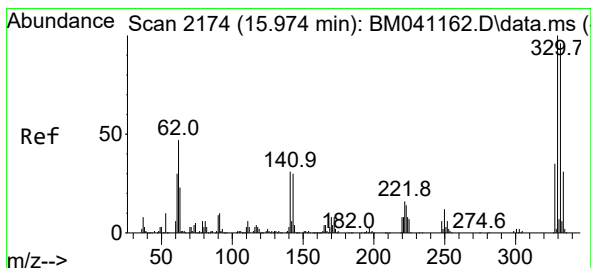
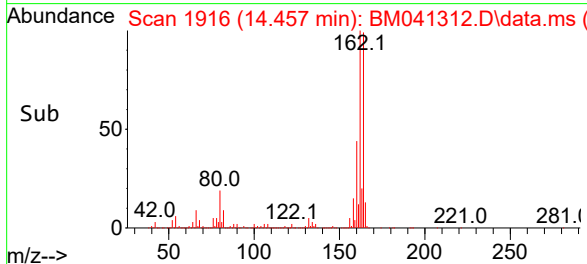
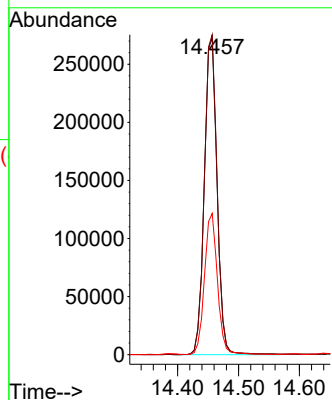
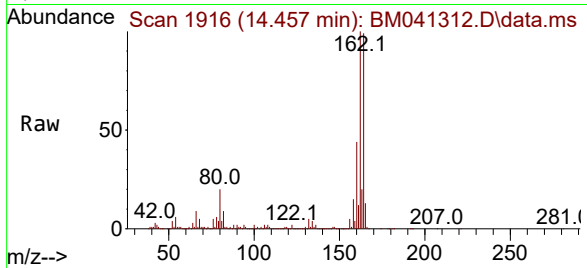




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BM041312.D
Acq: 07 Aug 2023 14:58

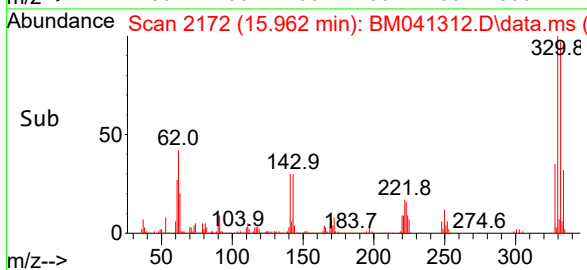
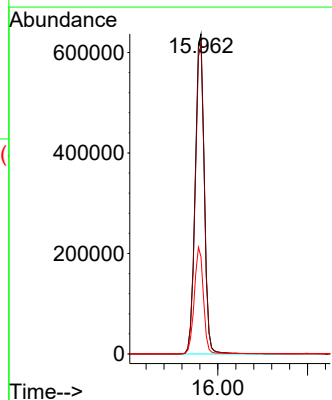
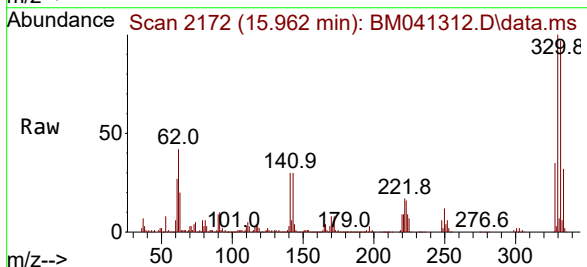
Instrument :
BNA_M
ClientSampleId :
MW-03W

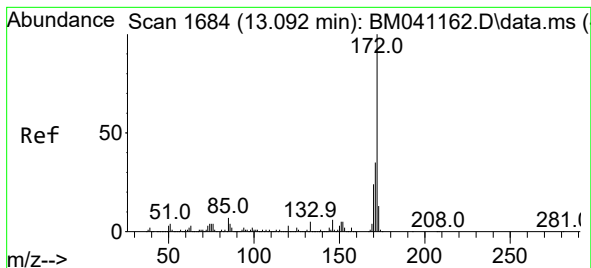
Tgt Ion:164 Resp: 397939
Ion Ratio Lower Upper
164 100
162 101.0 80.4 120.6
160 44.6 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 159.608 ng
RT: 15.962 min Scan# 2172
Delta R.T. 0.006 min
Lab File: BM041312.D
Acq: 07 Aug 2023 14:58

Tgt Ion:330 Resp: 898375
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 33.1 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 85.123 ng

RT: 13.074 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM041312.D

Acq: 07 Aug 2023 14:58

Instrument :

BNA_M

ClientSampleId :

MW-03W

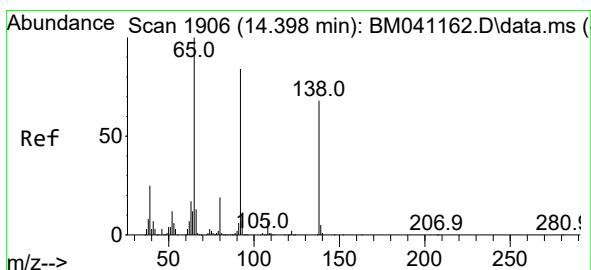
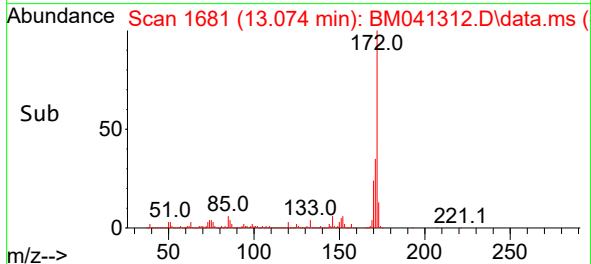
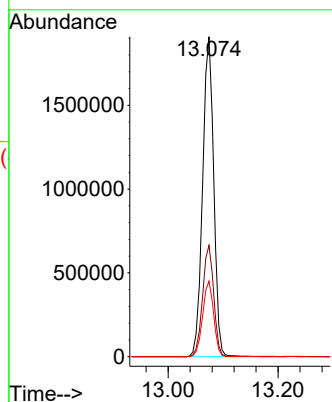
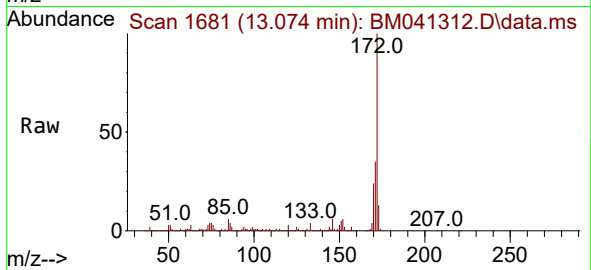
Tgt Ion:172 Resp: 2681466

Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.6 18.9 28.3



#53

3-Nitroaniline

Concen: 2.600 ng

RT: 14.380 min Scan# 1903

Delta R.T. -0.006 min

Lab File: BM041312.D

Acq: 07 Aug 2023 14:58

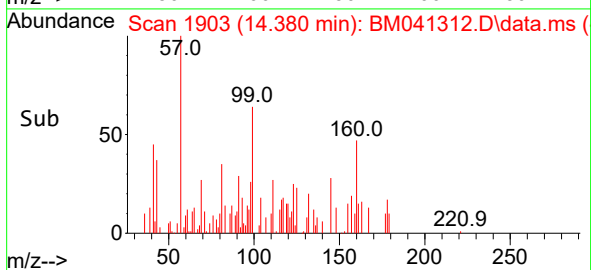
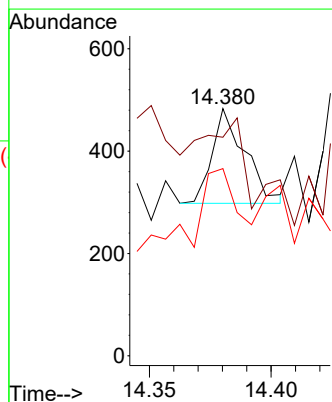
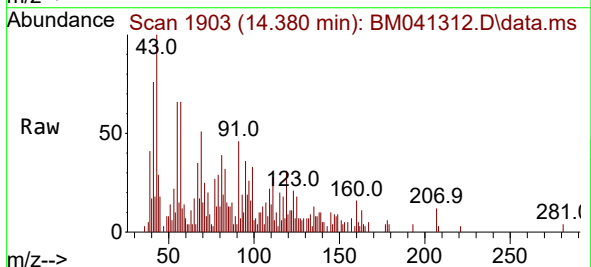
Tgt Ion:138 Resp: 174

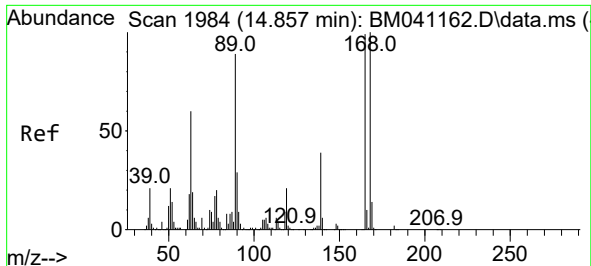
Ion Ratio Lower Upper

138 100

108 88.4 7.6 11.4#

92 75.8 98.9 148.3#





#57

2,4-Dinitrotoluene

Concen: 2.754 ng

RT: 14.868 min Scan# 1984

Delta R.T. 0.018 min

Lab File: BM041312.D

Acq: 07 Aug 2023 14:58

Instrument :

BNA_M

ClientSampleId :

MW-03W

Tgt Ion:165 Resp: 782

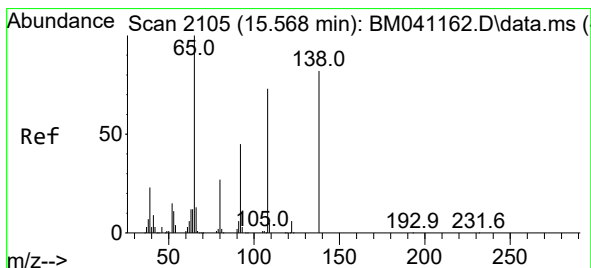
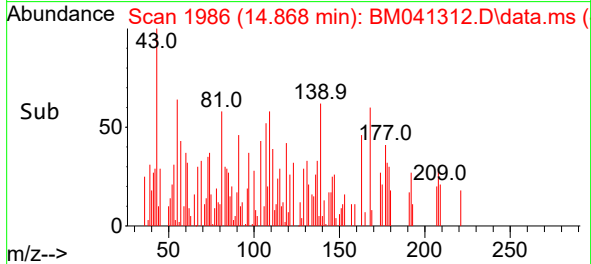
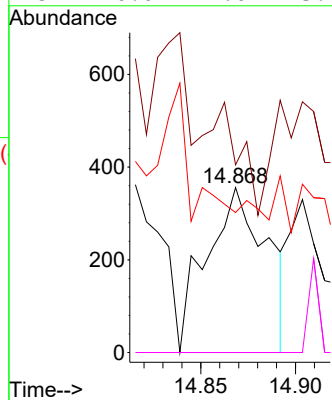
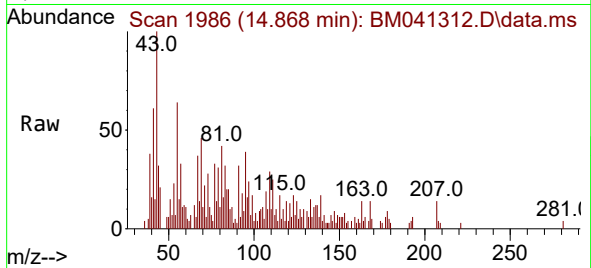
Ion Ratio Lower Upper

165 100

63 113.8 48.3 72.5#

89 84.8 71.8 107.8

182 0.0 2.0 3.0#



#62

4-Nitroaniline

Concen: 4.179 ng

RT: 15.562 min Scan# 2104

Delta R.T. 0.006 min

Lab File: BM041312.D

Acq: 07 Aug 2023 14:58

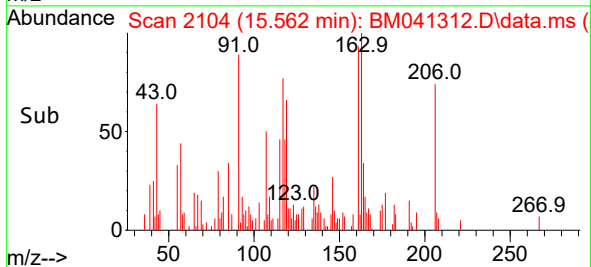
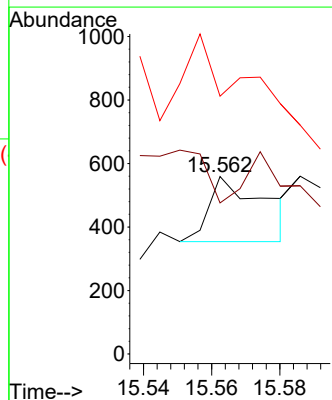
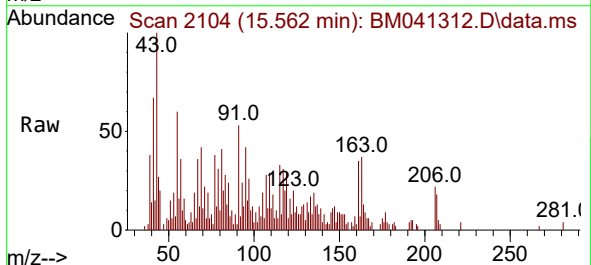
Tgt Ion:138 Resp: 229

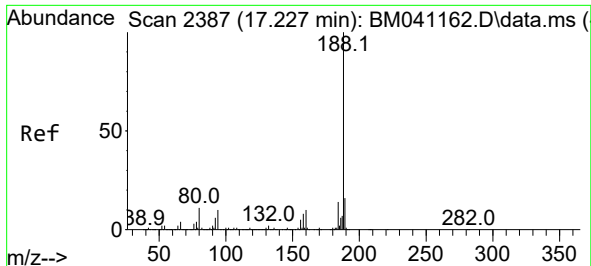
Ion Ratio Lower Upper

138 100

92 85.2 35.1 75.1#

108 145.3 67.8 107.8#

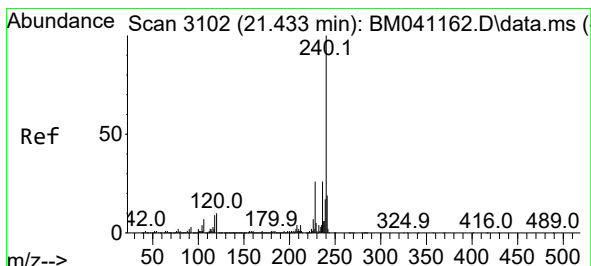
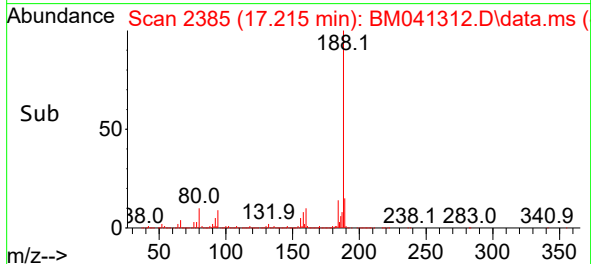
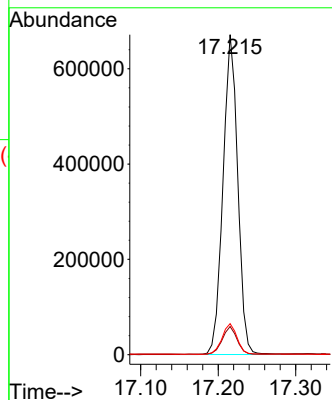
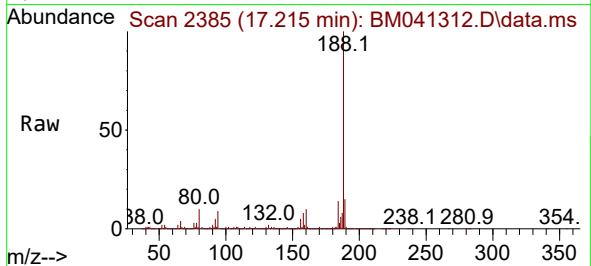




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041312.D
Acq: 07 Aug 2023 14:58

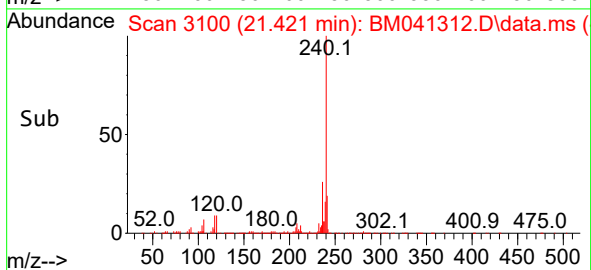
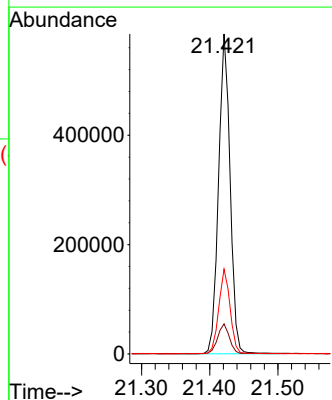
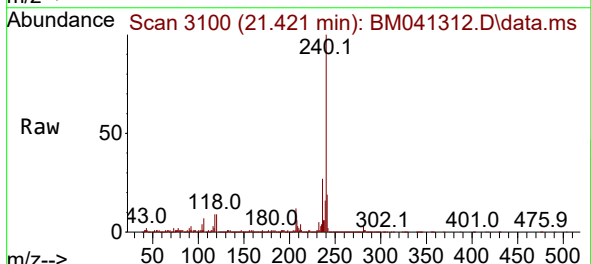
Instrument :
BNA_M
ClientSampleId :
MW-03W

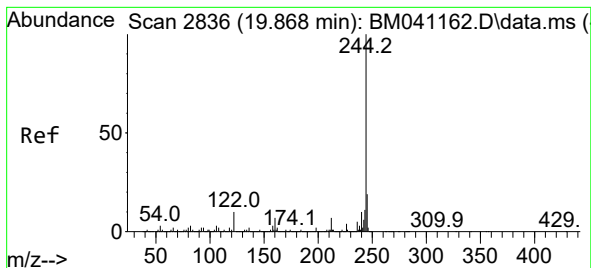
Tgt Ion:188 Resp: 885291
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 9.7 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BM041312.D
Acq: 07 Aug 2023 14:58

Tgt Ion:240 Resp: 687879
Ion Ratio Lower Upper
240 100
120 9.4 8.3 12.5
236 26.5 20.6 30.8





#79

Terphenyl-d14

Concen: 107.120 ng

RT: 19.856 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM041312.D

Acq: 07 Aug 2023 14:58

Instrument :

BNA_M

ClientSampleId :

MW-03W

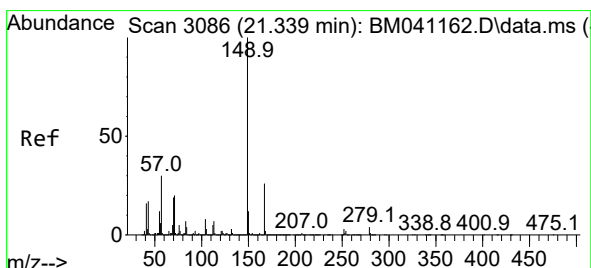
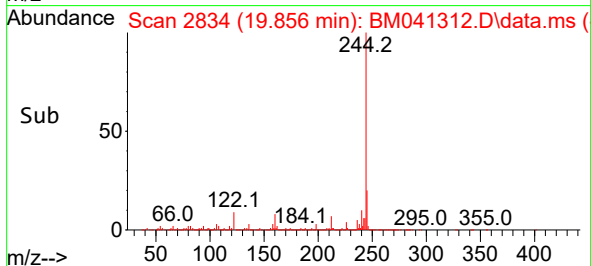
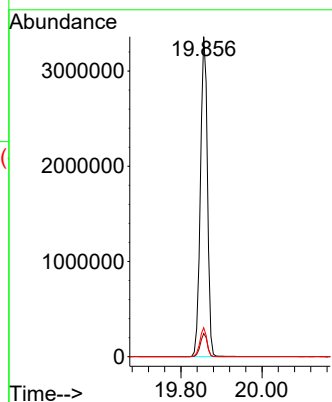
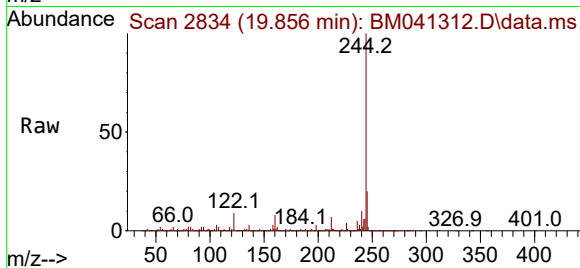
Tgt Ion:244 Resp: 4075400

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 9.0 7.8 11.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.703 ng

RT: 21.327 min Scan# 3084

Delta R.T. -0.000 min

Lab File: BM041312.D

Acq: 07 Aug 2023 14:58

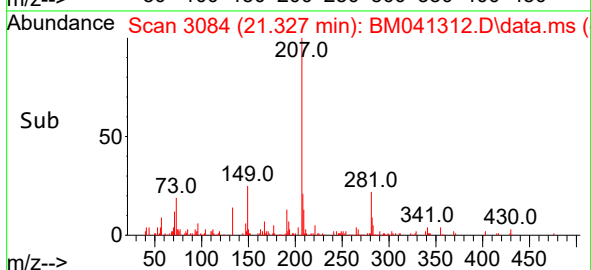
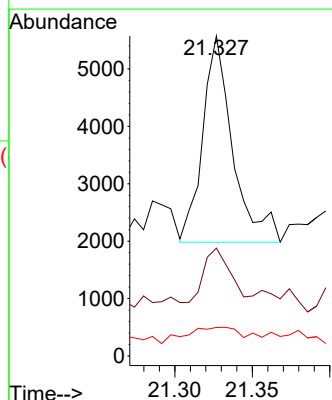
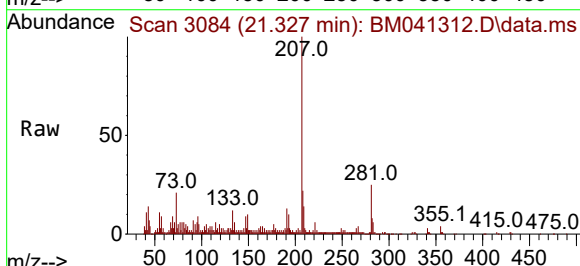
Tgt Ion:149 Resp: 4830

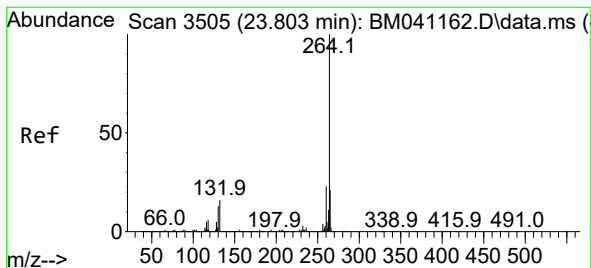
Ion Ratio Lower Upper

149 100

167 33.7 21.0 31.6#

279 8.9 3.1 4.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.791 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM041312.D

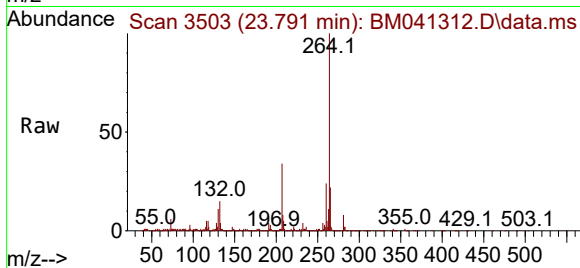
Acq: 07 Aug 2023 14:58

Instrument :

BNA_M

ClientSampleId :

MW-03W



Tgt Ion:264 Resp: 641898

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 22.5 17.4 26.0

