

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
 Data File : BM036201.D
 Acq On : 10 Aug 2022 20:36
 Operator : CG/JU
 Sample : N3971-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-19

Quant Time: Aug 10 22:28:46 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)

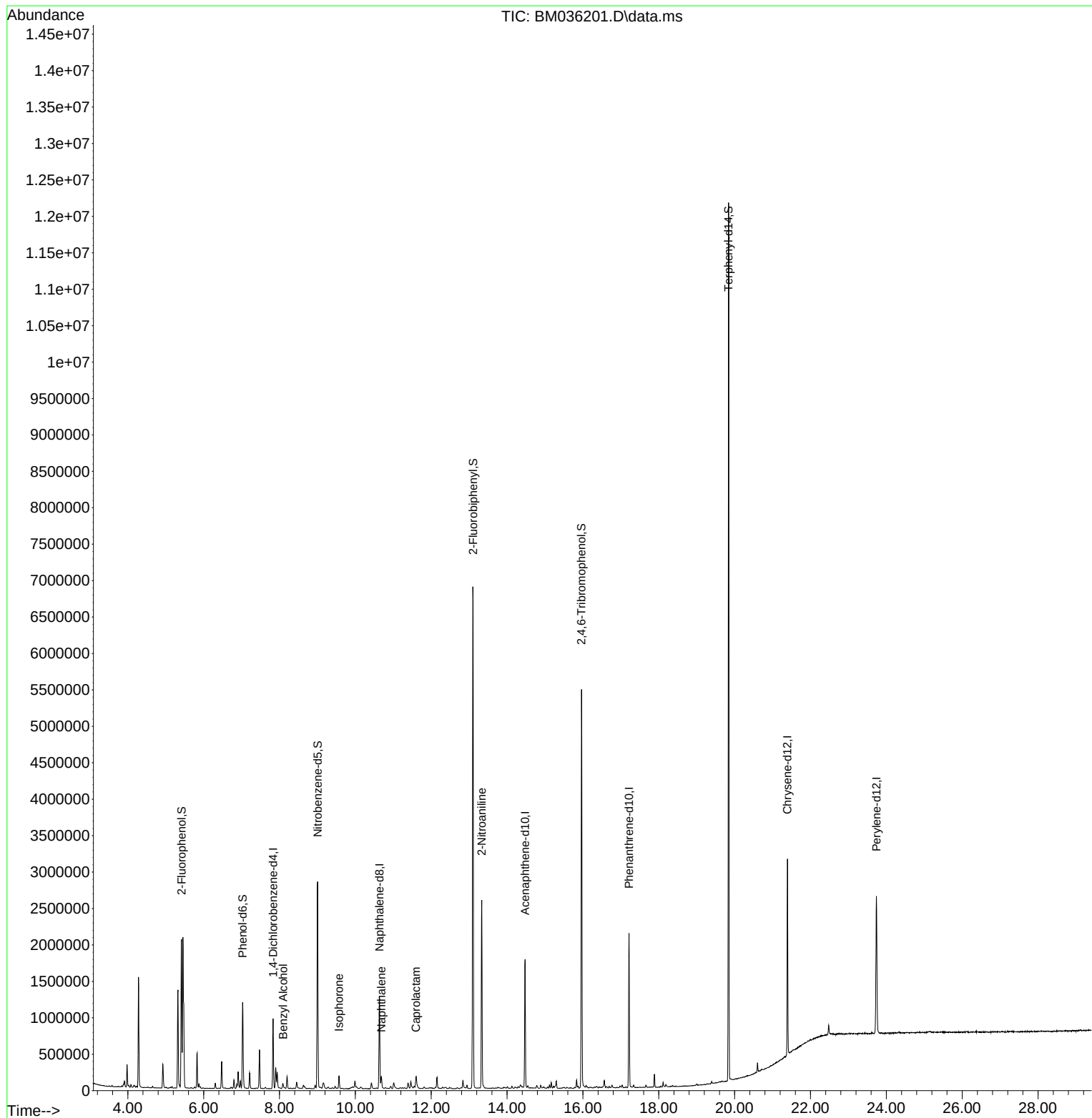
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	257856	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	1043313	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	598114	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	1215529	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1239933	20.000	ng	0.00
86) Perylene-d12	23.739	264	1307276	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	906166	56.975	ng	0.00
7) Phenol-d6	7.028	99	674638	33.336	ng	0.00
23) Nitrobenzene-d5	9.004	82	1588270	85.216	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	953859	135.942	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	3465755	85.554	ng	0.00
79) Terphenyl-d14	19.839	244	5518323	87.784	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.093	79	28054	2.066	ng	94
25) Isophorone	9.569	82	116310	3.836	ng	99
31) Naphthalene	10.686	128	123768	2.386	ng	100
35) Caprolactam	11.598	113	36820	8.303	ng	95
48) 2-Nitroaniline	13.333	65	64149	7.056	ng	# 15

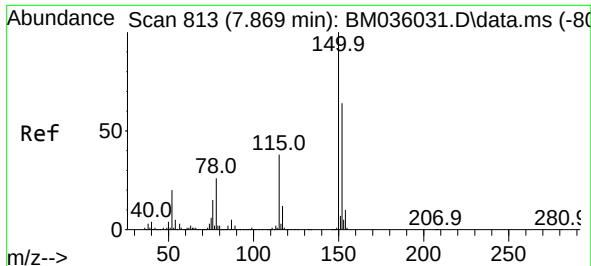
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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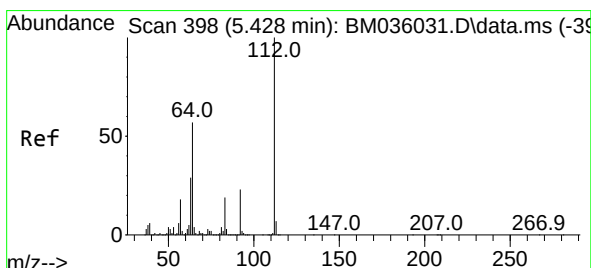
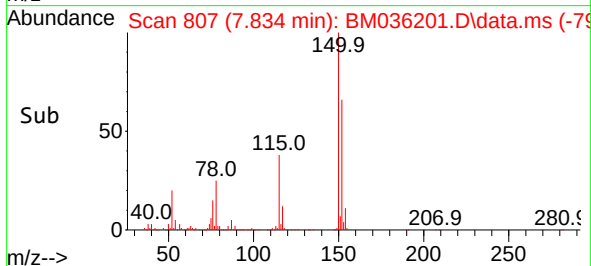
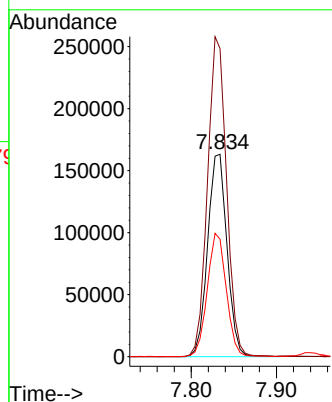
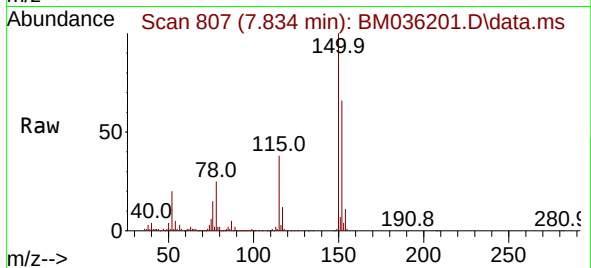




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM036201.D
Acq: 10 Aug 2022 20:36

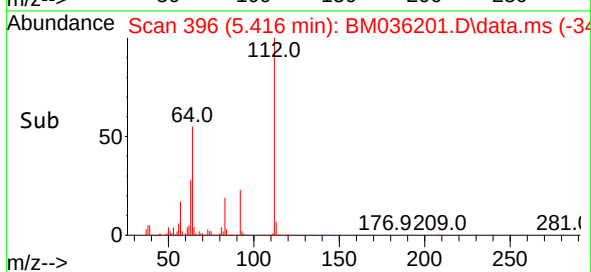
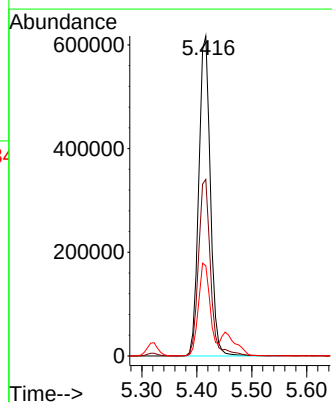
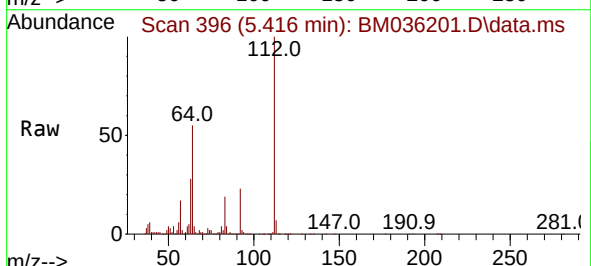
Instrument :
BNA_M
ClientSampleId :
MW-19

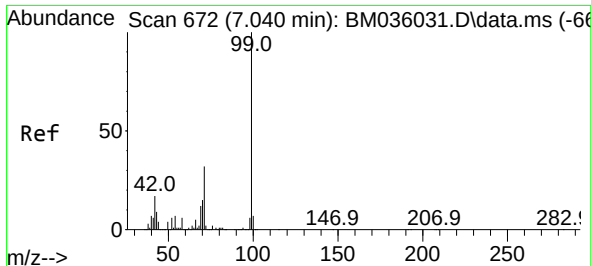
Tgt Ion:152 Resp: 257856
Ion Ratio Lower Upper
152 100
150 152.1 124.9 187.3
115 58.0 47.9 71.9



#5
2-Fluorophenol
Concen: 56.975 ng
RT: 5.416 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM036201.D
Acq: 10 Aug 2022 20:36

Tgt Ion:112 Resp: 906166
Ion Ratio Lower Upper
112 100
64 55.2 47.8 71.6
63 28.2 26.6 40.0

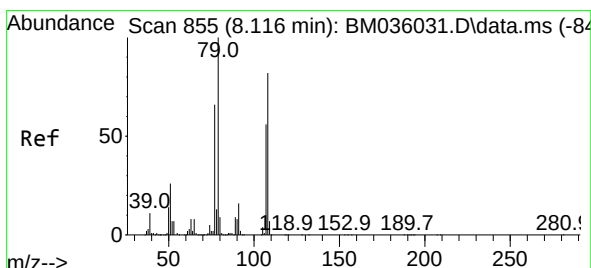
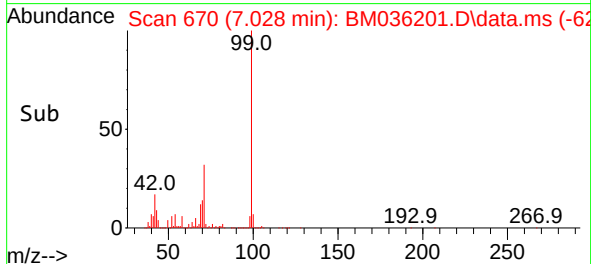
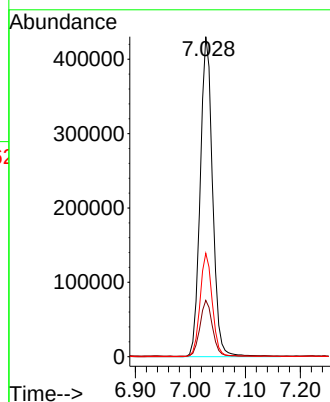
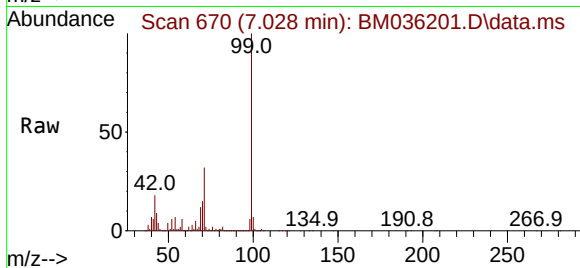




#7
Phenol-d6
Concen: 33.336 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036201.D
Acq: 10 Aug 2022 20:36

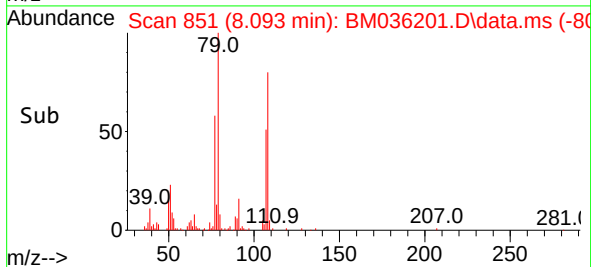
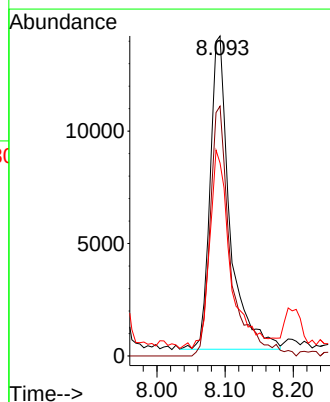
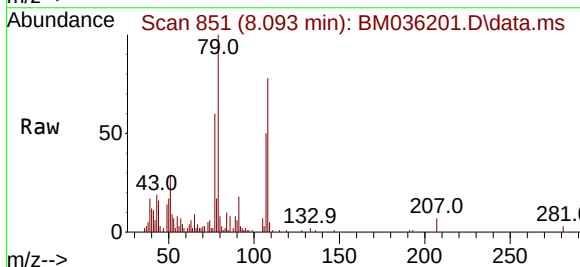
Instrument :
BNA_M
ClientSampleId :
MW-19

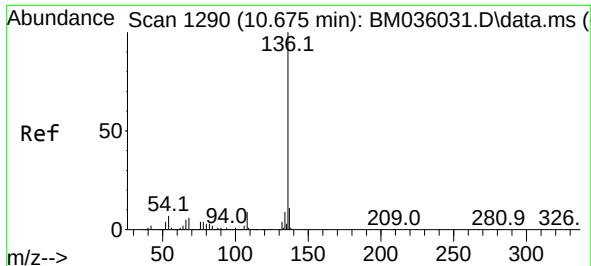
Tgt Ion: 99 Resp: 674638
Ion Ratio Lower Upper
99 100
42 17.6 18.8 28.2#
71 32.3 30.2 45.2



#15
Benzyl Alcohol
Concen: 2.066 ng
RT: 8.093 min Scan# 851
Delta R.T. 0.000 min
Lab File: BM036201.D
Acq: 10 Aug 2022 20:36

Tgt Ion: 79 Resp: 28054
Ion Ratio Lower Upper
79 100
108 78.1 59.0 88.4
77 60.3 52.2 78.4

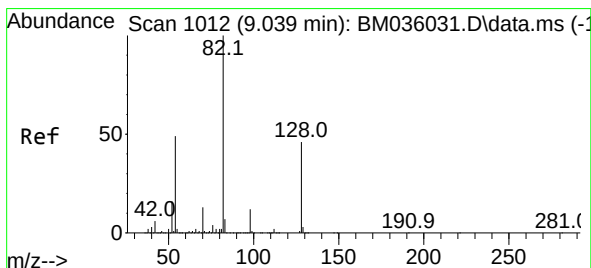
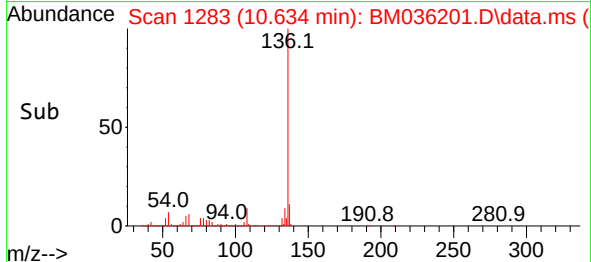
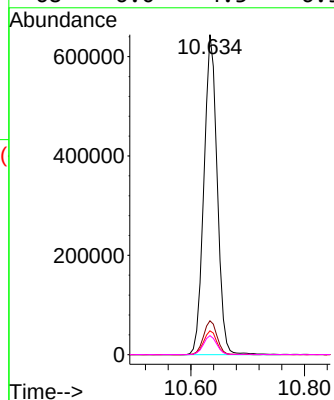
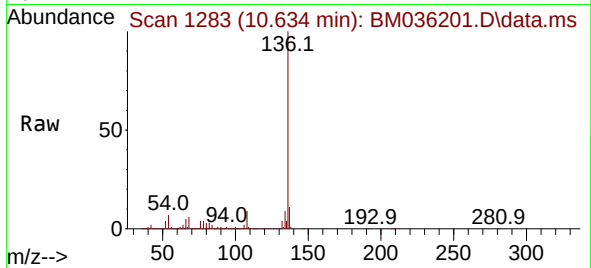




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM036201.D
Acq: 10 Aug 2022 20:36

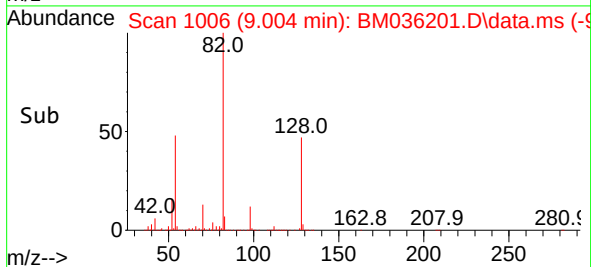
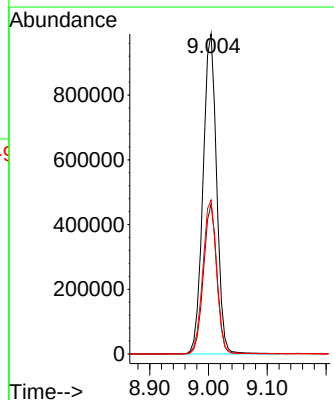
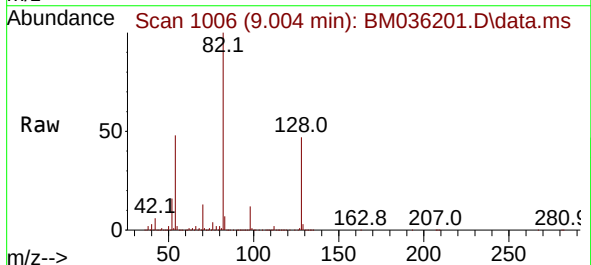
Instrument :
BNA_M
ClientSampleId :
MW-19

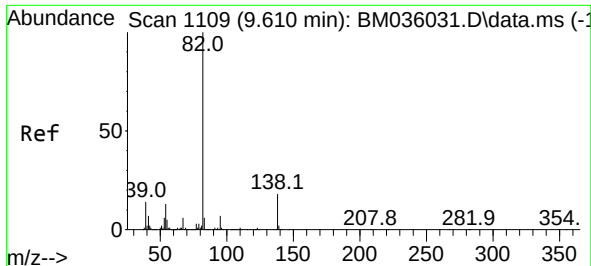
Tgt Ion:136 Resp: 1043313
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.4 7.0 10.4
68 6.0 4.3 6.5



#23
Nitrobenzene-d5
Concen: 85.216 ng
RT: 9.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM036201.D
Acq: 10 Aug 2022 20:36

Tgt Ion: 82 Resp: 1588270
Ion Ratio Lower Upper
82 100
128 46.8 33.7 50.5
54 48.1 43.2 64.8

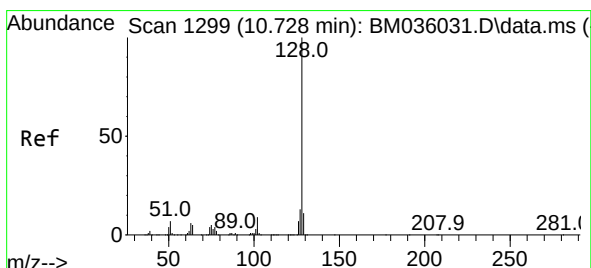
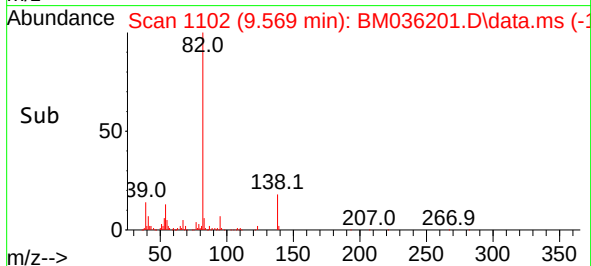
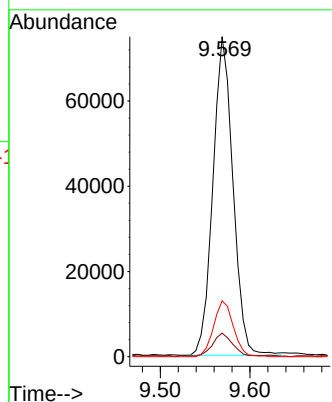
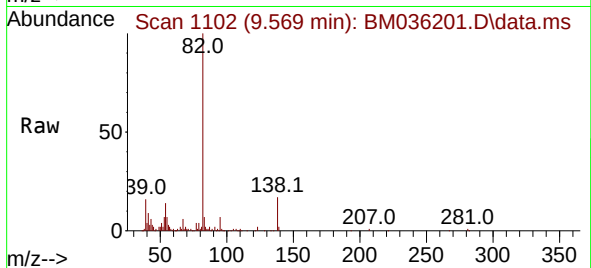




#25
Isophorone
Concen: 3.836 ng
RT: 9.569 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM036201.D
Acq: 10 Aug 2022 20:36

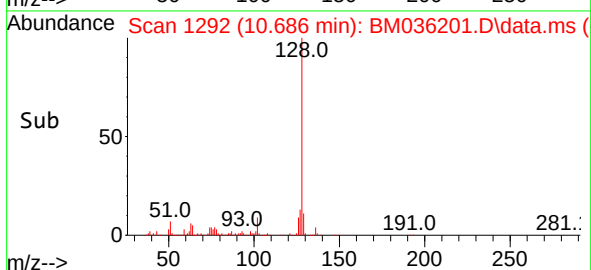
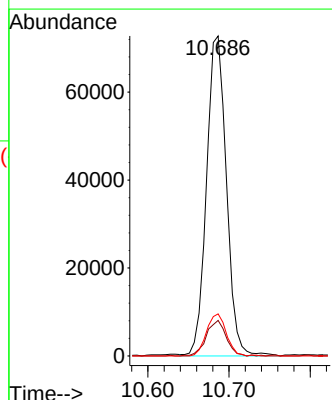
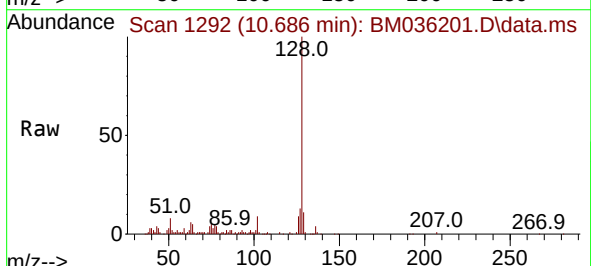
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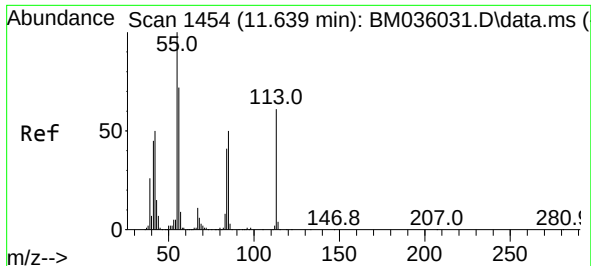
Tgt Ion: 82 Resp: 116310
Ion Ratio Lower Upper
82 100
95 7.4 6.4 9.6
138 17.5 14.2 21.4



#31
Naphthalene
Concen: 2.386 ng
RT: 10.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BM036201.D
Acq: 10 Aug 2022 20:36

Tgt Ion: 128 Resp: 123768
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.2 10.6 16.0

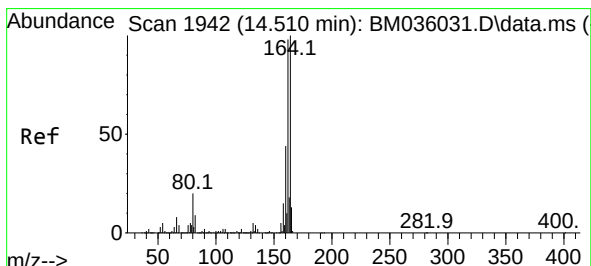
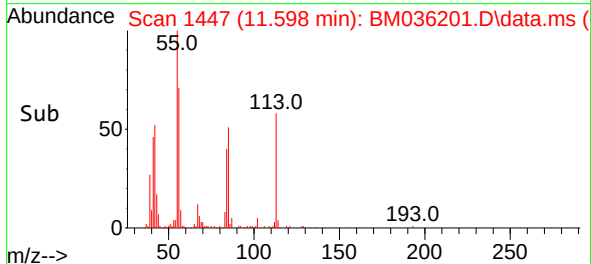
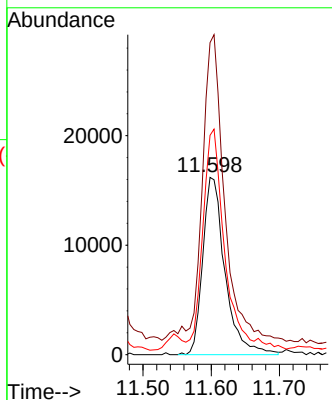
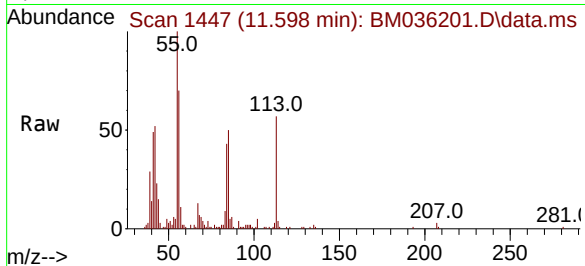




#35
Caprolactam
Concen: 8.303 ng
RT: 11.598 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BM036201.D
Acq: 10 Aug 2022 20:36

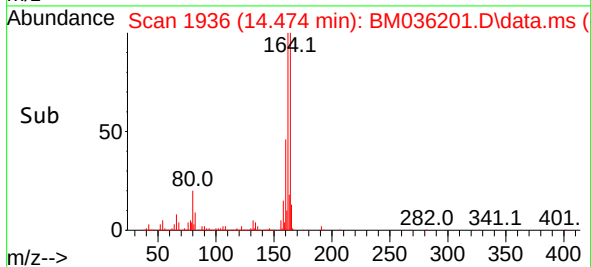
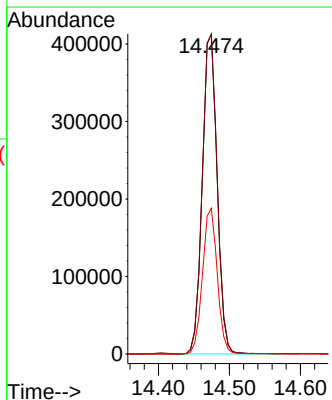
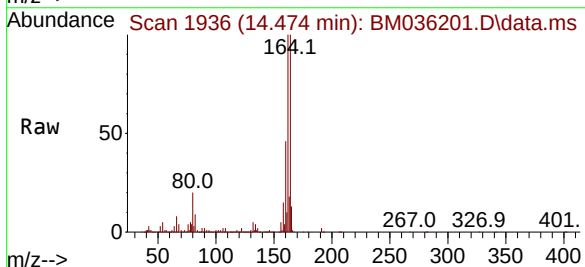
Instrument :
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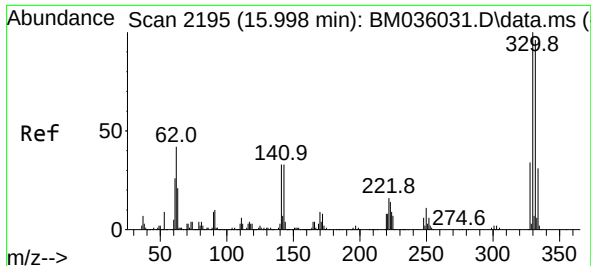
Tgt Ion:113 Resp: 36820
Ion Ratio Lower Upper
113 100
55 175.9 150.1 190.1
56 123.8 111.7 151.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM036201.D
Acq: 10 Aug 2022 20:36

Tgt Ion:164 Resp: 598114
Ion Ratio Lower Upper
164 100
162 100.1 83.0 124.6
160 45.6 37.0 55.4

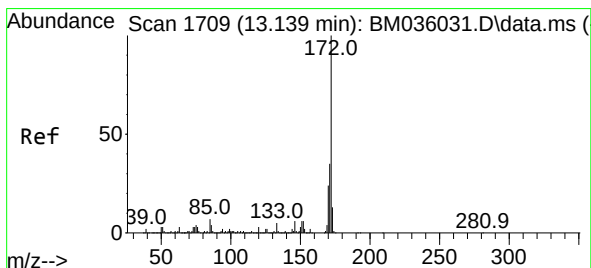
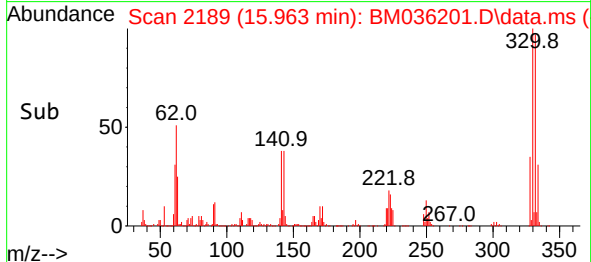
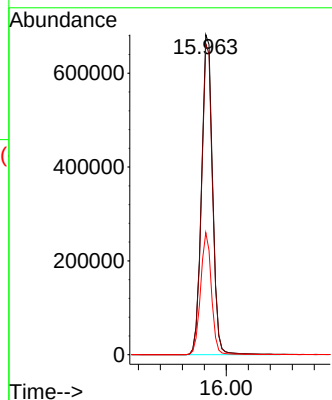
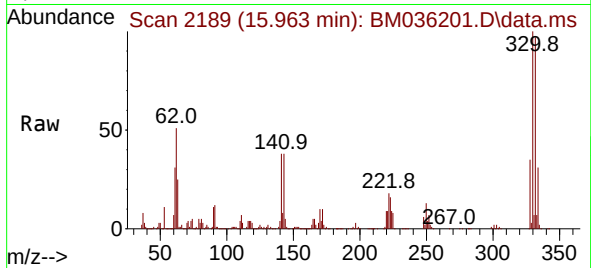




#42
2,4,6-Tribromophenol
Concen: 135.942 ng
RT: 15.963 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036201.D
Acq: 10 Aug 2022 20:36

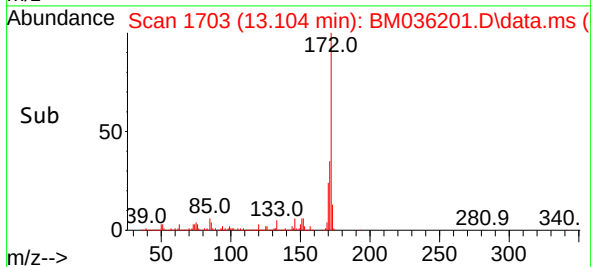
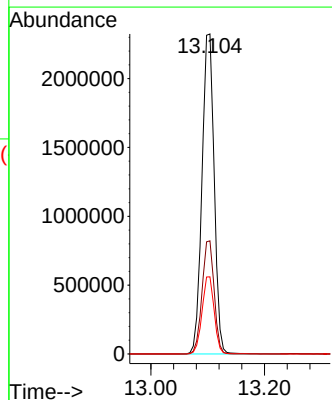
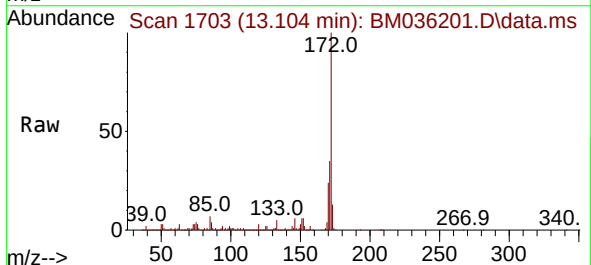
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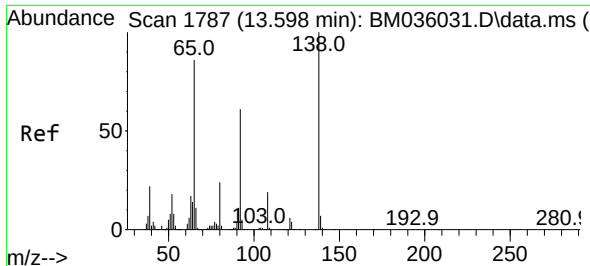
Tgt Ion:330 Resp: 953859
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 37.5 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 85.554 ng
RT: 13.104 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BM036201.D
Acq: 10 Aug 2022 20:36

Tgt Ion:172 Resp: 3465755
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.1 18.7 28.1

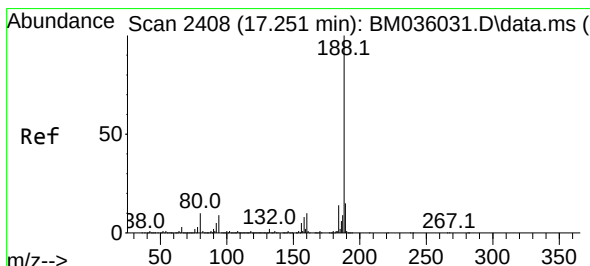
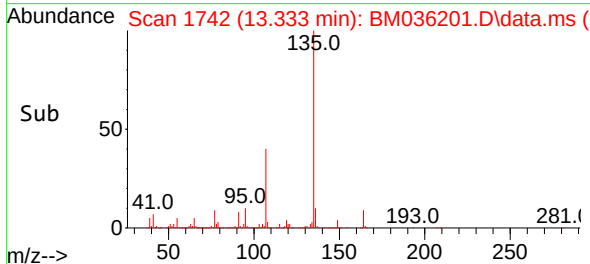
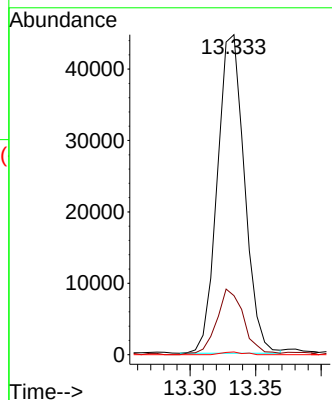
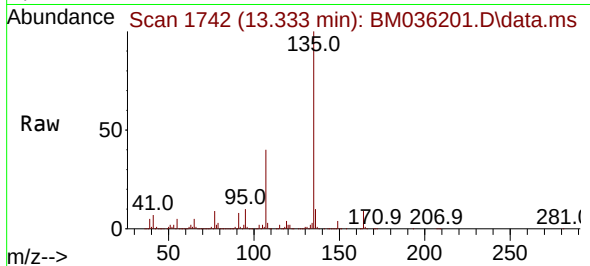




#48
2-Nitroaniline
Concen: 7.056 ng
RT: 13.333 min Scan# 1
Delta R.T. -0.241 min
Lab File: BM036201.D
Acq: 10 Aug 2022 20:36

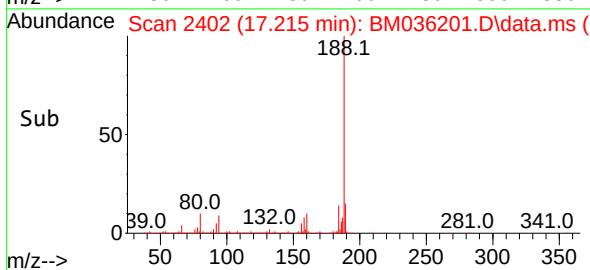
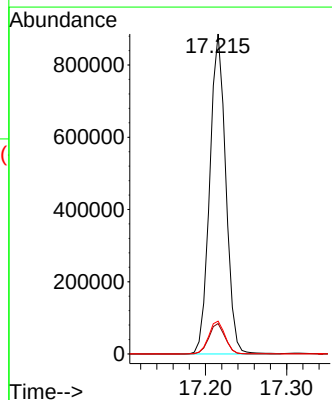
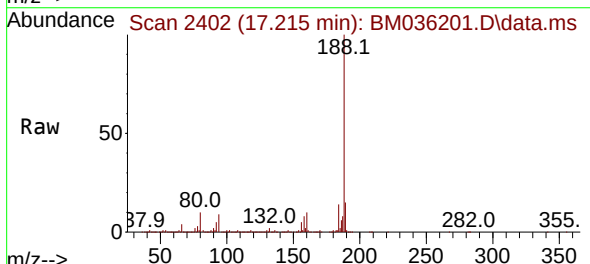
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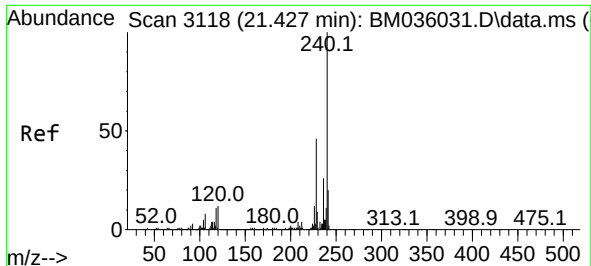
Tgt Ion: 65 Resp: 64149
Ion Ratio Lower Upper
65 100
92 18.4 53.7 80.5#
138 0.9 83.9 125.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM036201.D
Acq: 10 Aug 2022 20:36

Tgt Ion:188 Resp: 1215529
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 10.2 7.6 11.4

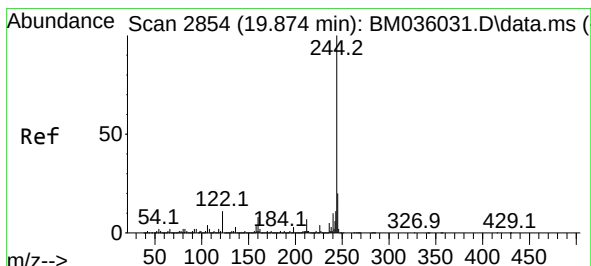
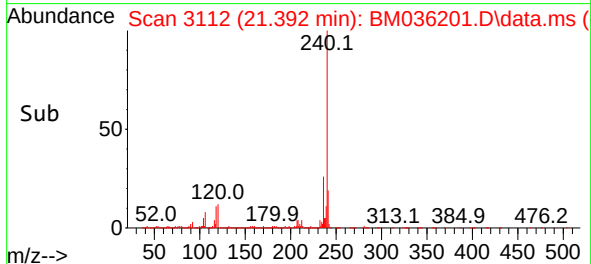
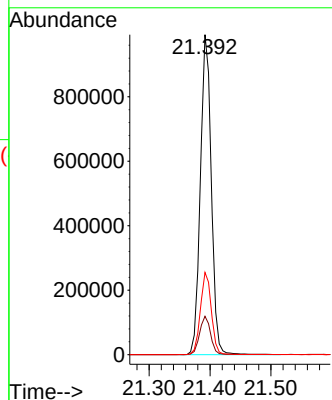
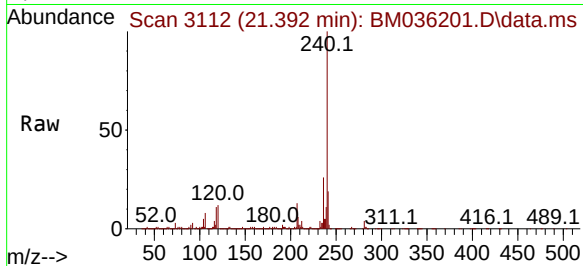




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM036201.D
Acq: 10 Aug 2022 20:36

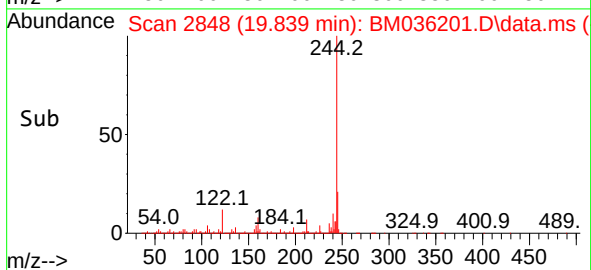
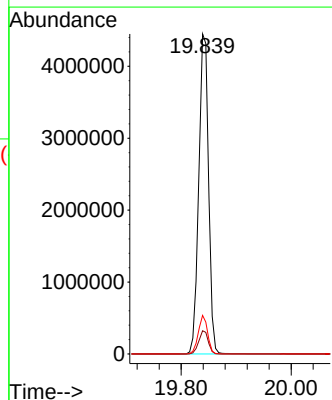
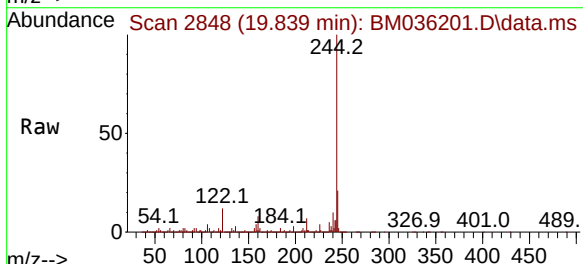
Instrument :
BNA_M
ClientSampleId :
MW-19

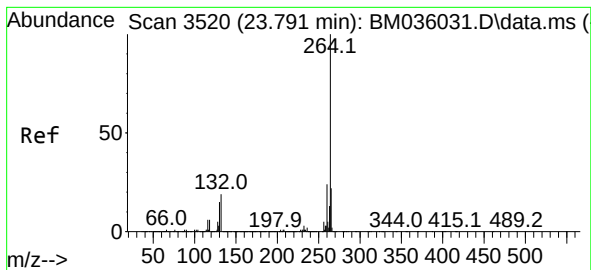
Tgt Ion:240 Resp: 1239933
Ion Ratio Lower Upper
240 100
120 12.0 9.4 14.0
236 25.7 20.6 30.8



#79
Terphenyl-d14
Concen: 87.784 ng
RT: 19.839 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BM036201.D
Acq: 10 Aug 2022 20:36

Tgt Ion:244 Resp: 5518323
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.4
122 12.1 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.739 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM036201.D

Acq: 10 Aug 2022 20:36

Instrument :

BNA_M

ClientSampleId :

MW-19

Tgt Ion:264 Resp: 1307276

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.3 17.5 26.3

