

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

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)

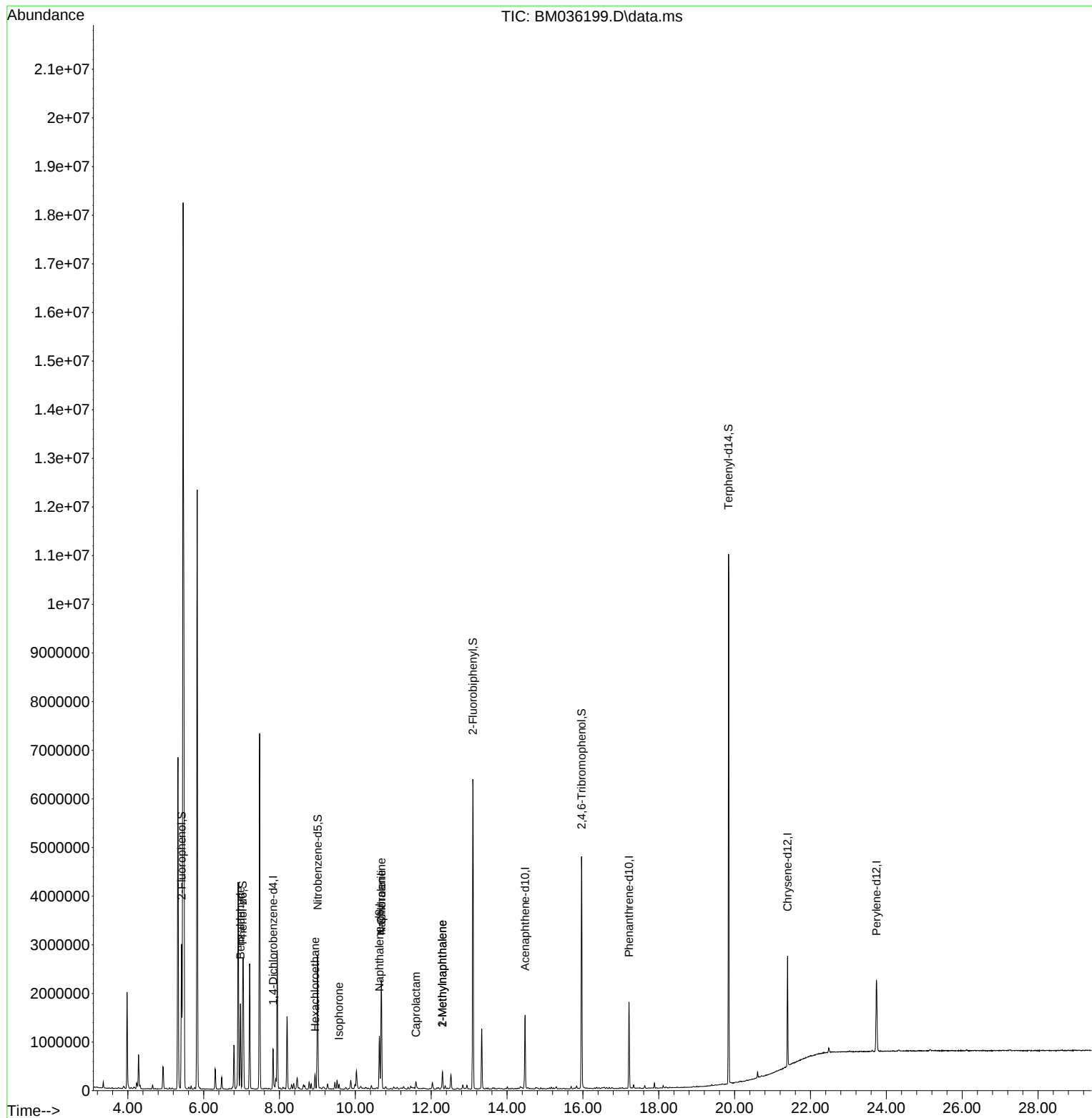
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	222717	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	898226	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	510131	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	1019747	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1034169	20.000	ng	0.00
86) Perylene-d12	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
9) Benzaldehyde	6.969	77	120035	12.971	ng	# 1
18) Hexachloroethane	8.940	117	30251	5.077	ng	# 1
25) Isophorone	9.569	82	63037	2.415	ng	97
31) Naphthalene	10.686	128	1850325	41.434	ng	99
33) 4-Chloroaniline	10.686	127	240894	13.385	ng	# 32
35) Caprolactam	11.598	113	31654	8.291	ng	97
37) 2-Methylnaphthalene	12.298	142	154487	5.199	ng	98
38) 1-Methylnaphthalene	12.298	142	154487	5.308	ng	95

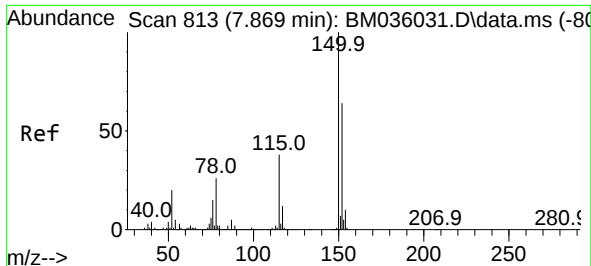
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
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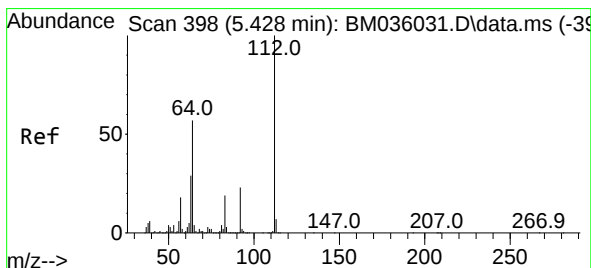
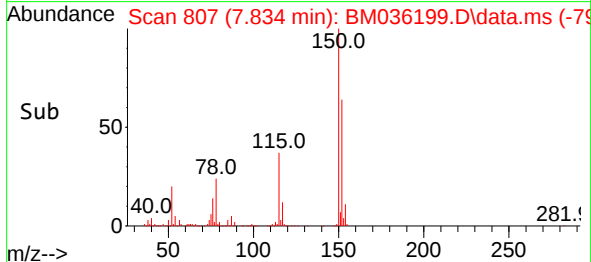
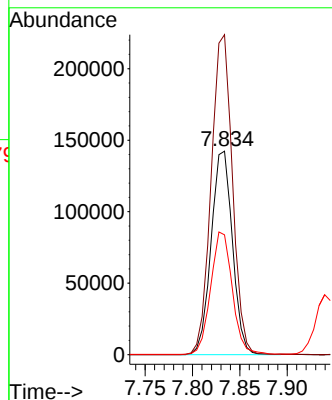
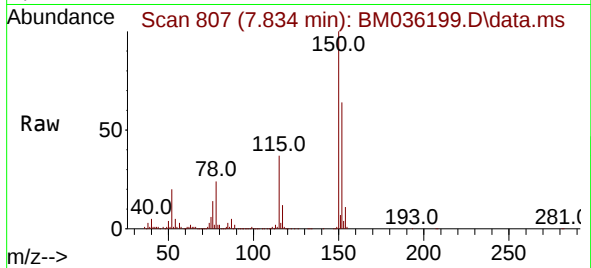




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

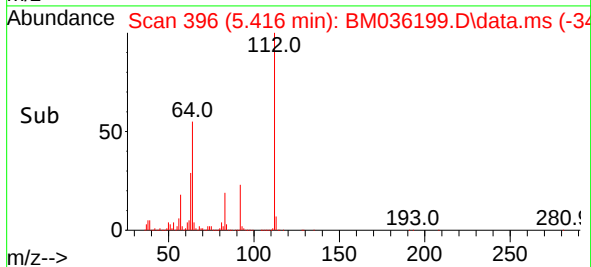
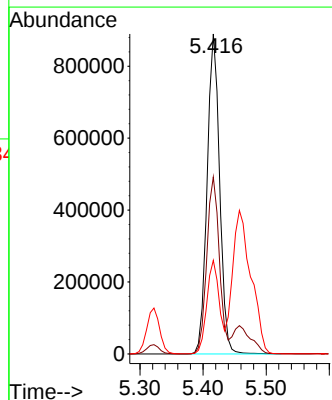
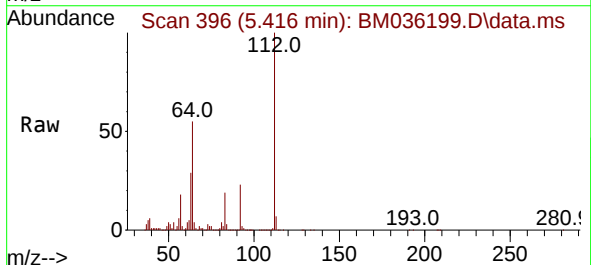
Instrument :
BNA_M
ClientSampleId :
MW-14

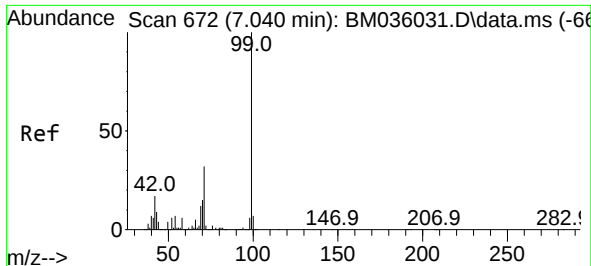
Tgt Ion:152 Resp: 222717
Ion Ratio Lower Upper
152 100
150 157.2 124.9 187.3
115 58.9 47.9 71.9



#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

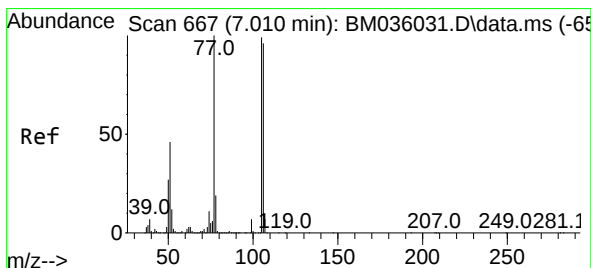
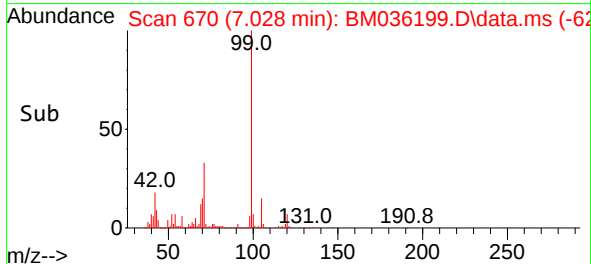
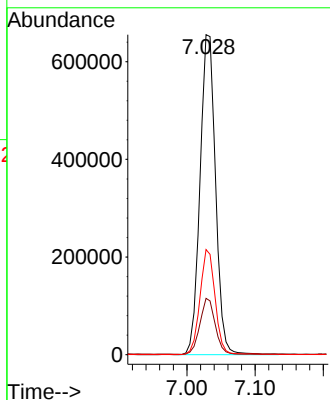
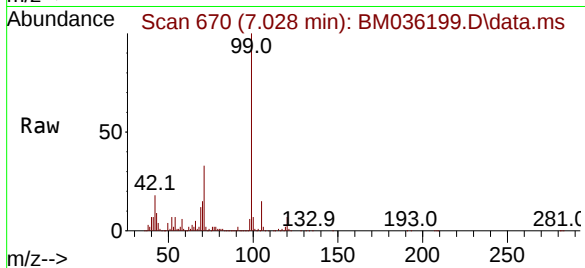




#7
Phenol-d6
Concen: 59.543 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

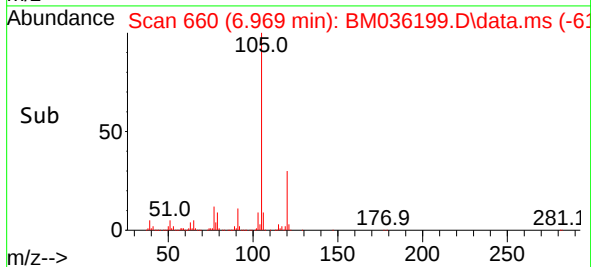
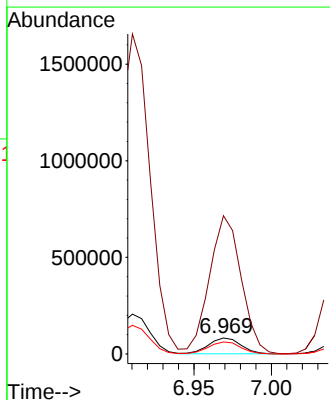
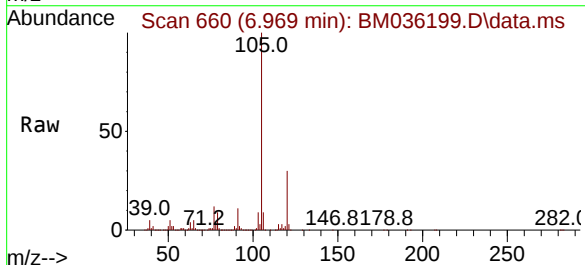
Instrument :
BNA_M
ClientSampleId :
MW-14

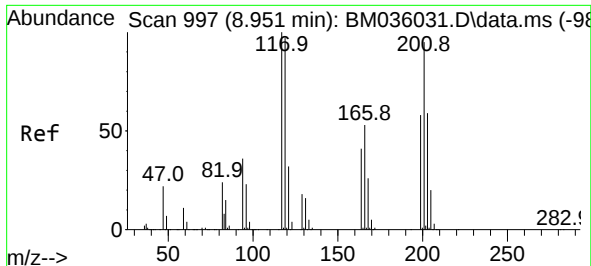
Tgt Ion: 99 Resp: 1040786
Ion Ratio Lower Upper
99 100
42 17.6 18.8 28.2#
71 32.8 30.2 45.2



#9
Benzaldehyde
Concen: 12.971 ng
RT: 6.969 min Scan# 660
Delta R.T. -0.006 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

Tgt Ion: 77 Resp: 120035
Ion Ratio Lower Upper
77 100
105 861.5 76.3 116.3#
106 75.2 69.0 109.0

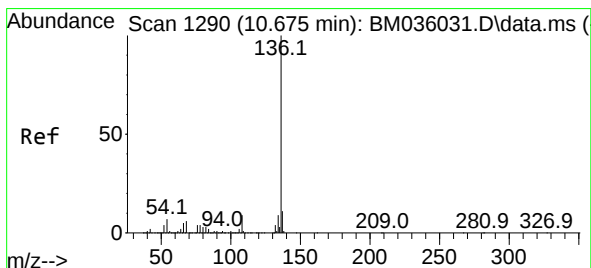
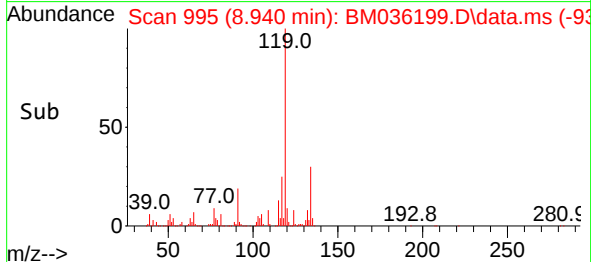
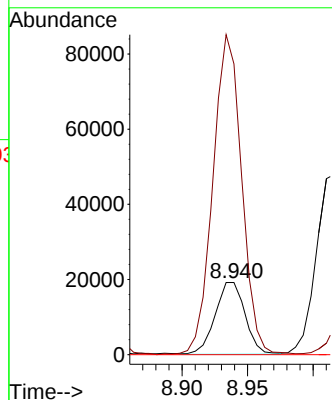
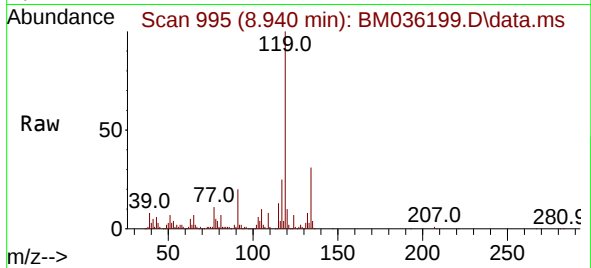




#18
Hexachloroethane
Concen: 5.077 ng
RT: 8.940 min Scan# 997
Delta R.T. 0.029 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

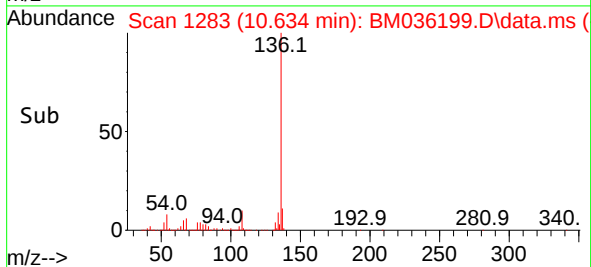
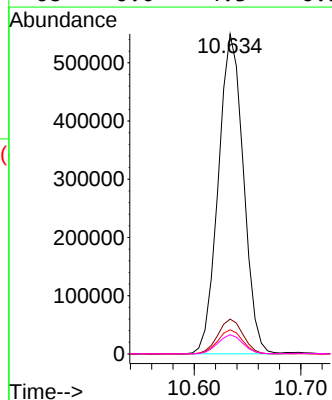
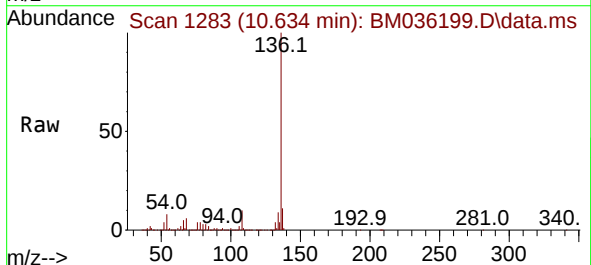
Instrument :
BNA_M
ClientSampleId :
MW-14

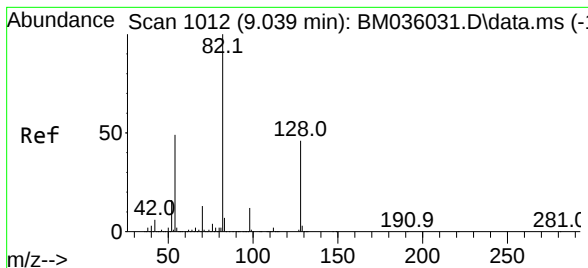
Tgt Ion:117 Resp: 30251
Ion Ratio Lower Upper
117 100
119 402.6 75.8 113.6#
201 0.0 81.0 121.4#



#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

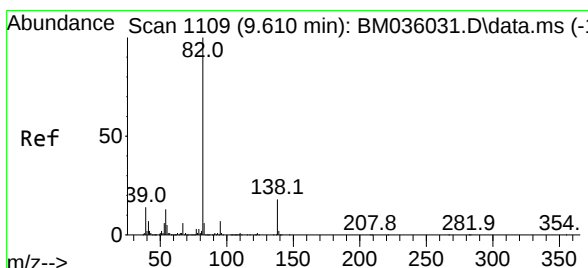
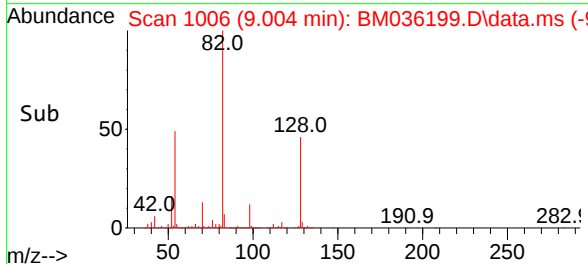
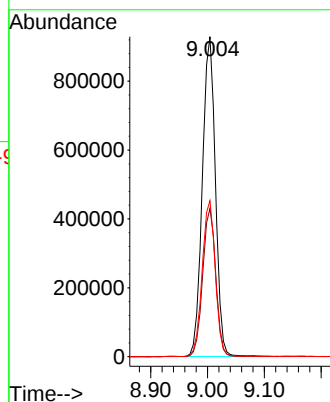
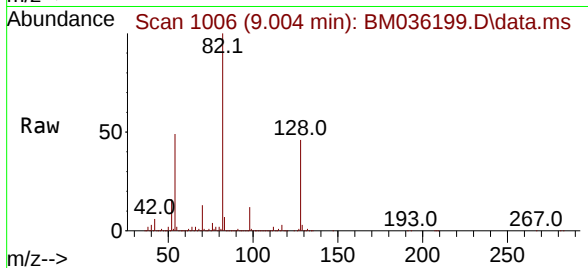
Tgt Ion: 82 Resp: 1486144

Ion Ratio Lower Upper

82 100

128 46.3 33.7 50.5

54 48.7 43.2 64.8



#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

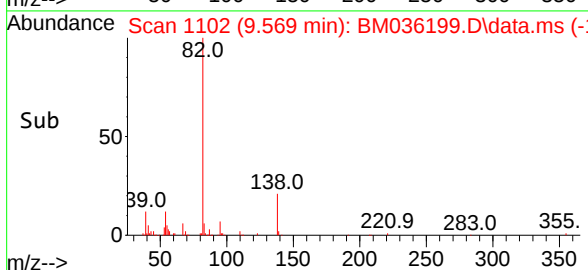
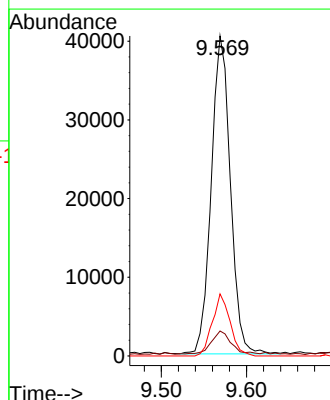
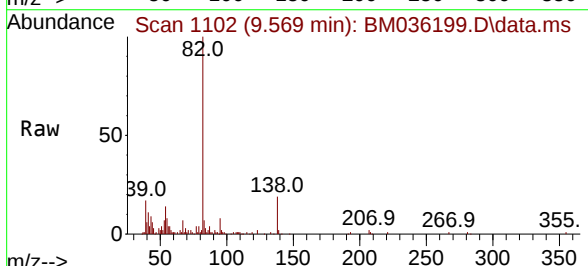
Tgt Ion: 82 Resp: 63037

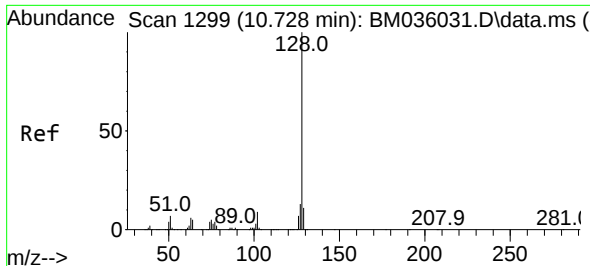
Ion Ratio Lower Upper

82 100

95 7.8 6.4 9.6

138 19.4 14.2 21.4

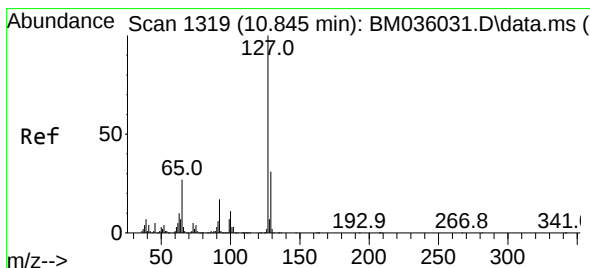
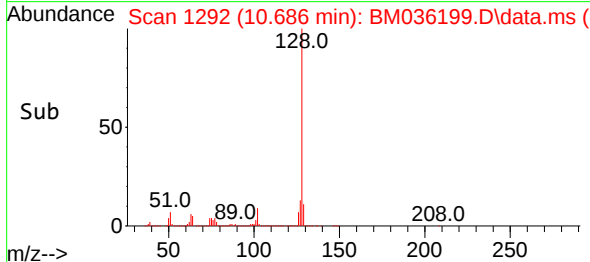
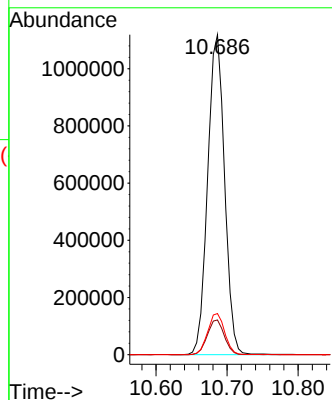
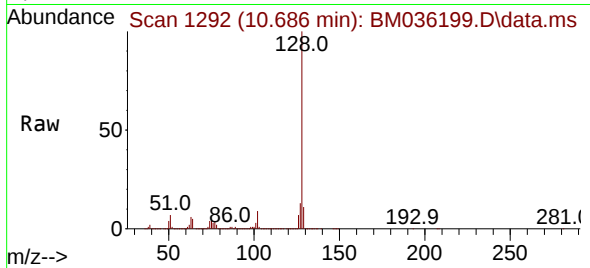




#31
Naphthalene
Concen: 41.434 ng
RT: 10.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

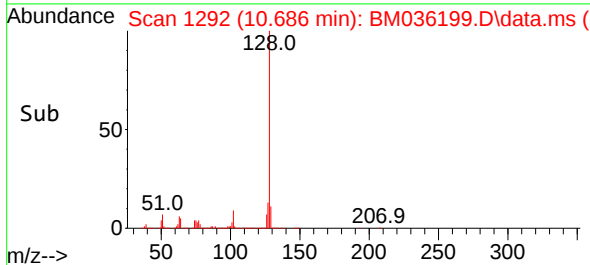
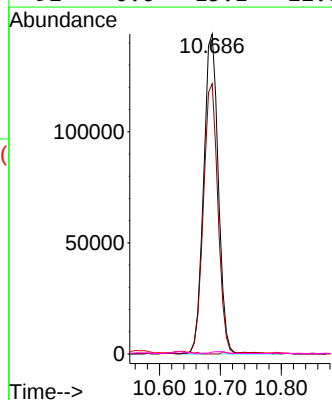
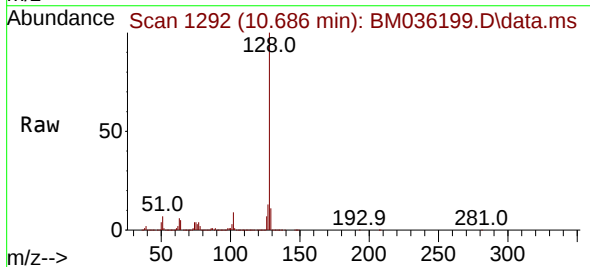
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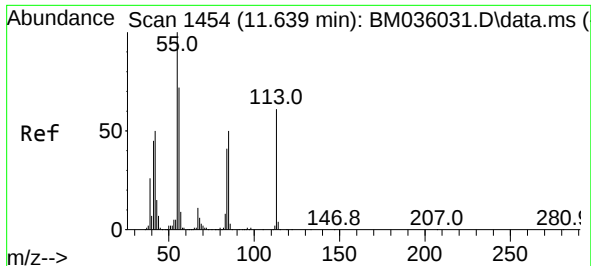
Tgt Ion:128 Resp: 1850325
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.9 10.6 16.0



#33
4-Chloroaniline
Concen: 13.385 ng
RT: 10.686 min Scan# 1292
Delta R.T. -0.123 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

Tgt Ion:127 Resp: 240894
Ion Ratio Lower Upper
127 100
129 84.4 25.7 38.5#
65 0.0 26.6 40.0#
92 0.6 15.1 22.7#

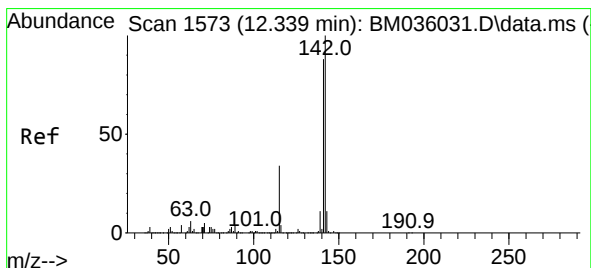
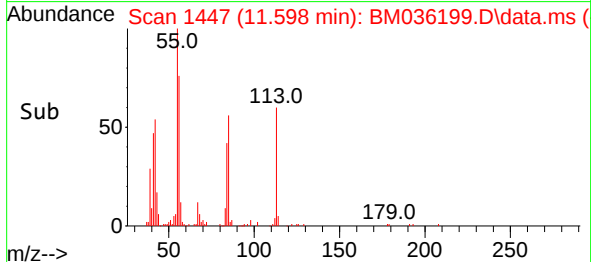
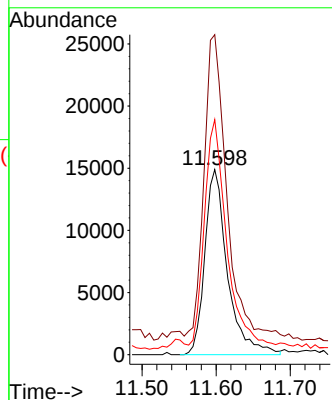
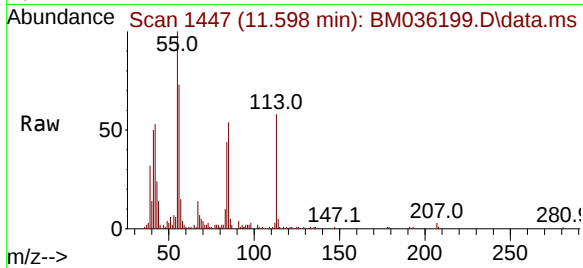




#35
Caprolactam
Concen: 8.291 ng
RT: 11.598 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

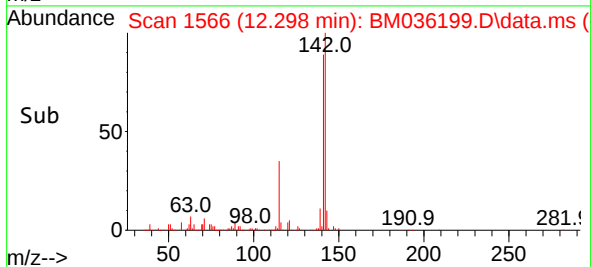
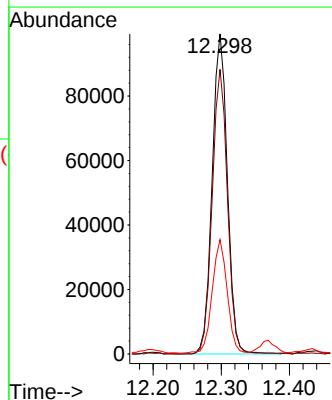
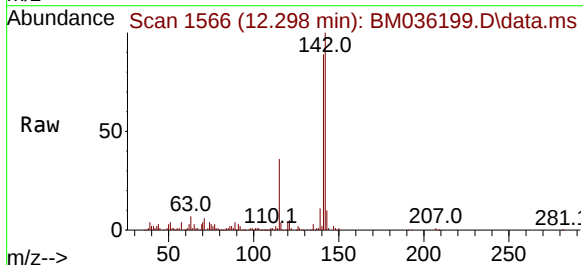
Instrument :
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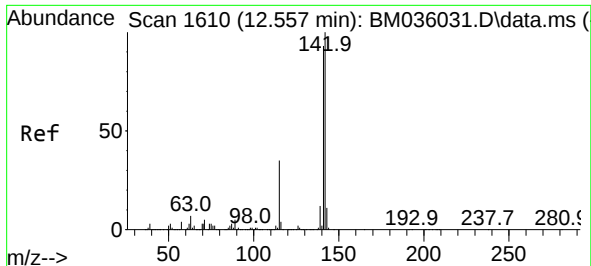
Tgt Ion:113 Resp: 31654
Ion Ratio Lower Upper
113 100
55 172.9 150.1 190.1
56 127.0 111.7 151.7



#37
2-Methylnaphthalene
Concen: 5.199 ng
RT: 12.298 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

Tgt Ion:142 Resp: 154487
Ion Ratio Lower Upper
142 100
141 89.0 72.4 108.6
115 35.7 29.6 44.4

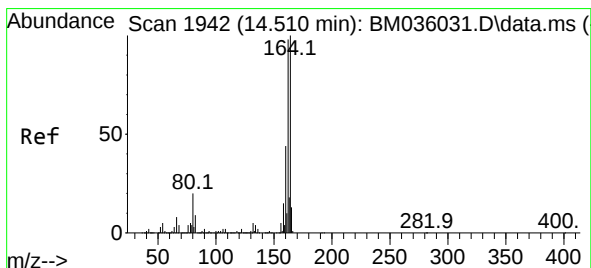
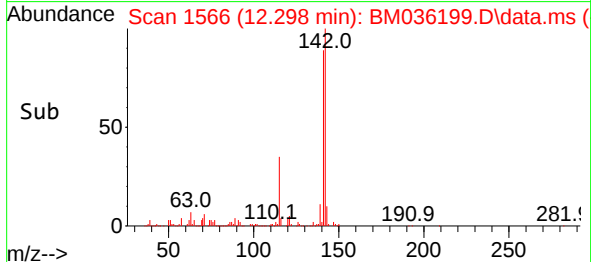
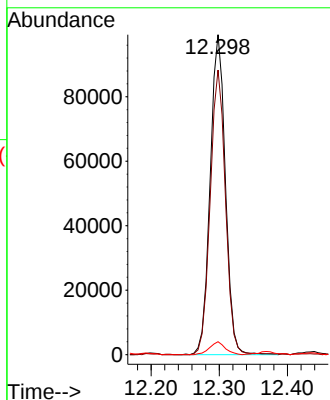
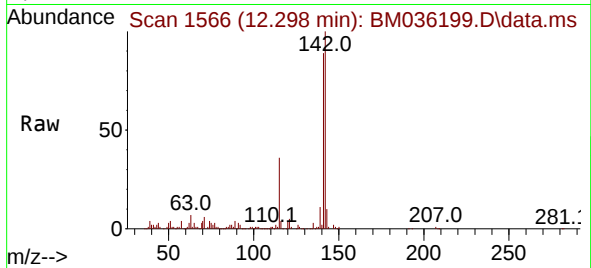




#38
1-Methylnaphthalene
Concen: 5.308 ng
RT: 12.298 min Scan# 1566
Delta R.T. -0.223 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

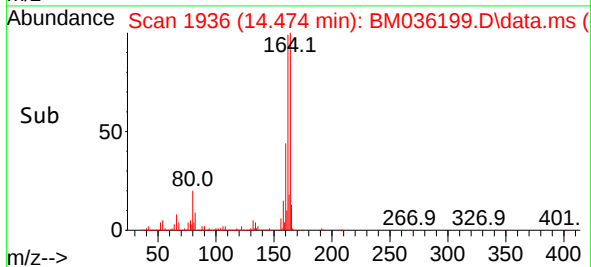
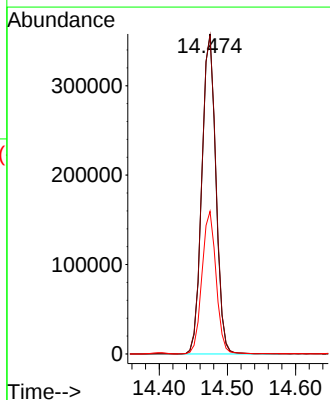
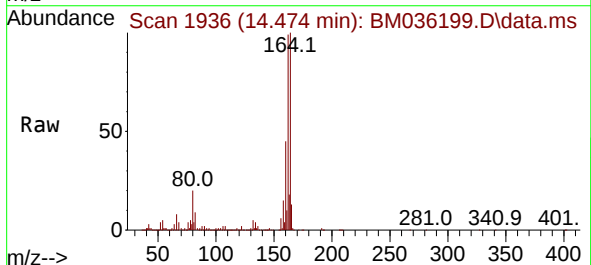
Instrument :
BNA_M
ClientSampleId :
MW-14

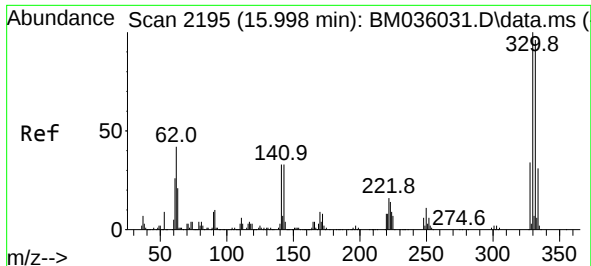
Tgt Ion:142 Resp: 154487
Ion Ratio Lower Upper
142 100
141 89.0 75.0 112.4
116 4.1 3.4 5.2



#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

Tgt Ion:164 Resp: 510131
Ion Ratio Lower Upper
164 100
162 99.4 83.0 124.6
160 44.5 37.0 55.4

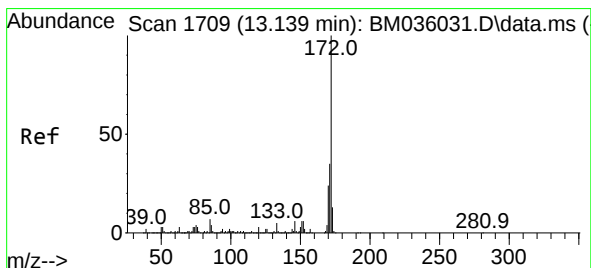
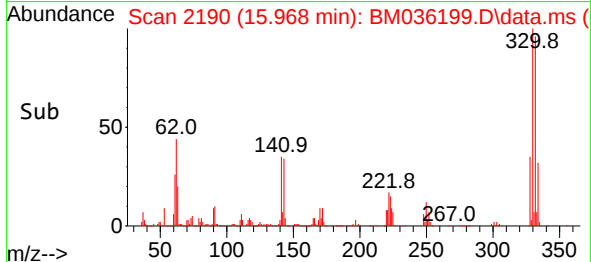
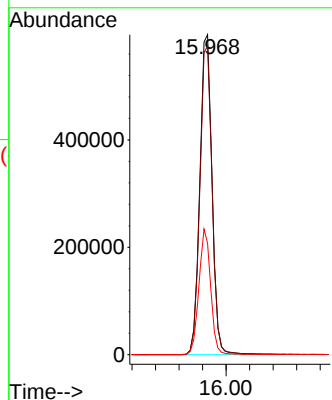
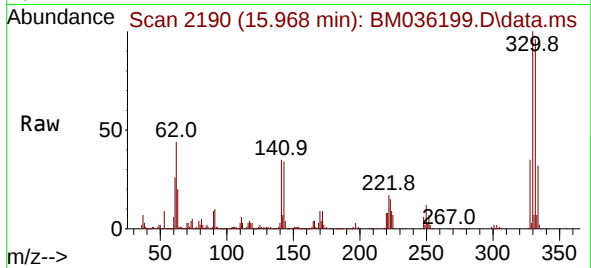




#42
2,4,6-Tribromophenol
Concen: 143.575 ng
RT: 15.968 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

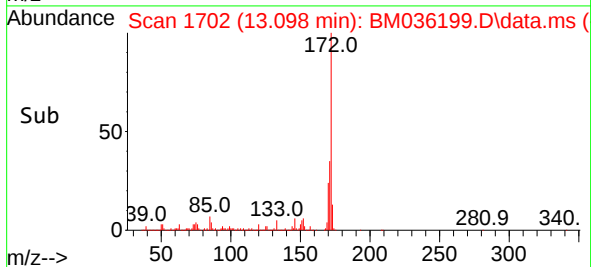
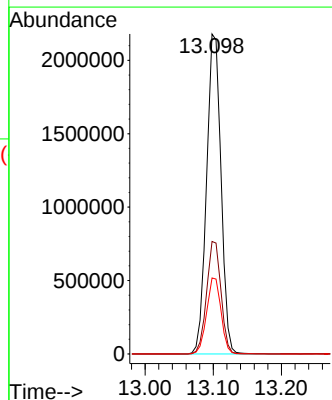
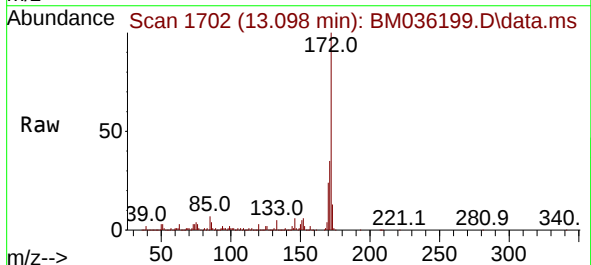
Instrument :
BNA_M
ClientSampleId :
MW-14

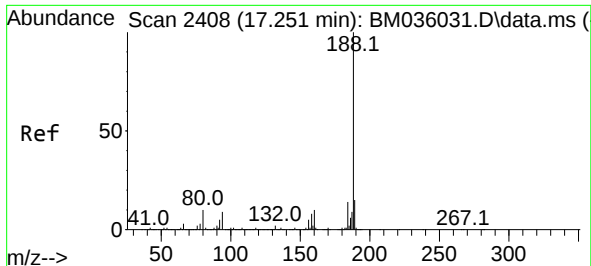
Tgt Ion:330 Resp: 859227
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 37.6 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 92.937 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

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

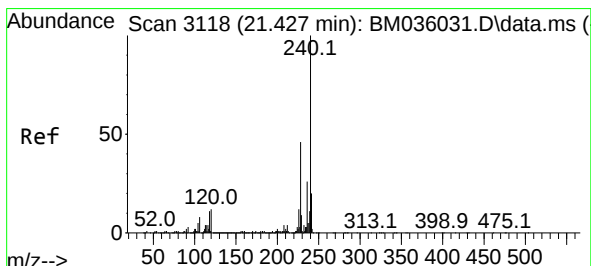
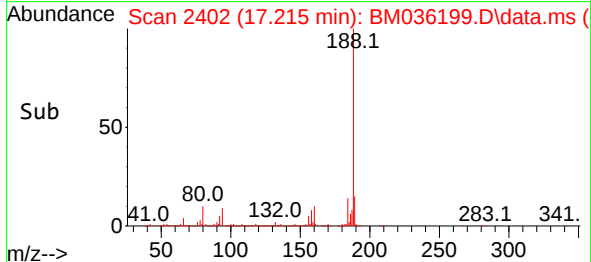
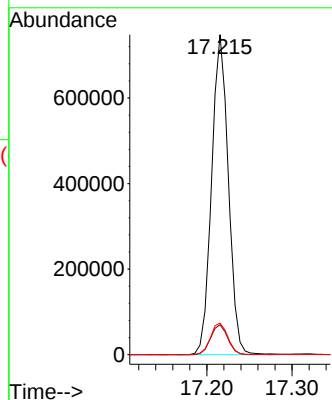
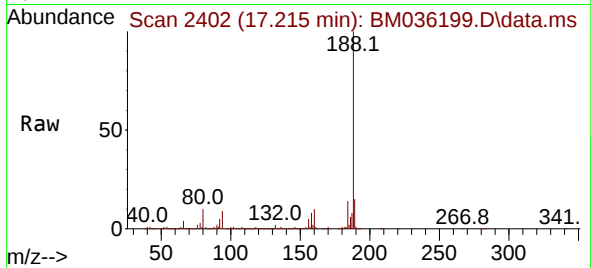




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM036199.D
Acq: 10 Aug 2022 19:23

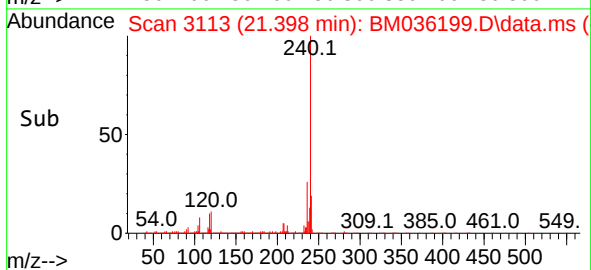
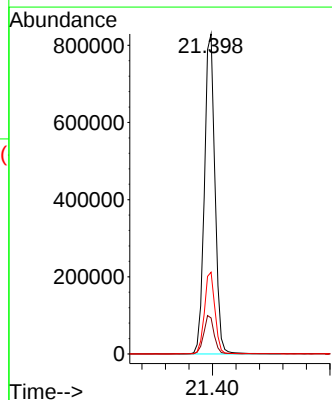
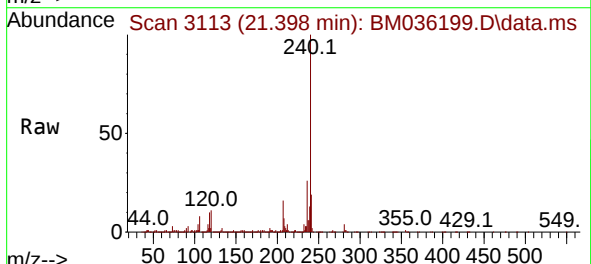
Instrument :
BNA_M
ClientSampleId :
MW-14

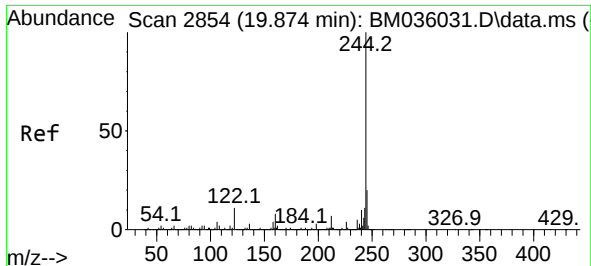
Tgt Ion:188 Resp: 1019747
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.4
80 9.9 7.6 11.4



#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

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

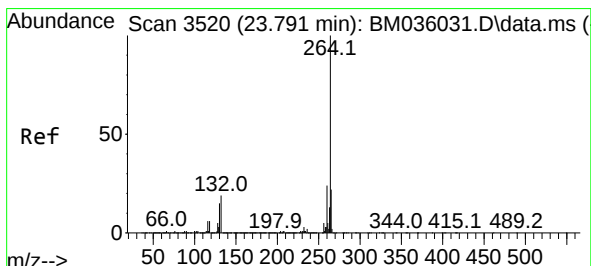
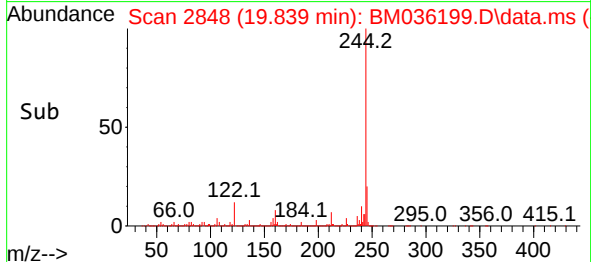
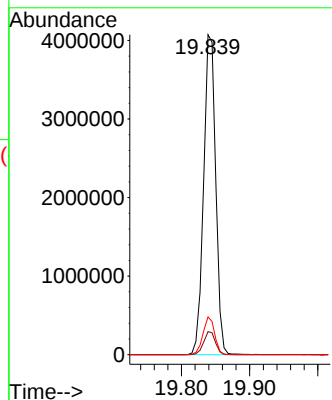
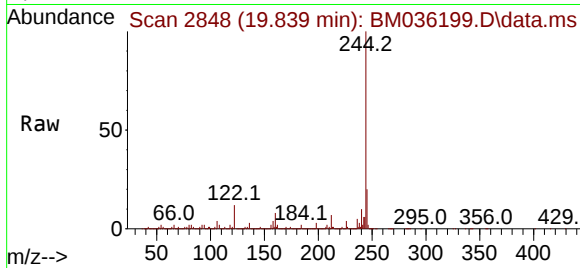




#79
 Terphenyl-d14
 Concen: 95.654 ng
 RT: 19.839 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036199.D
 Acq: 10 Aug 2022 19:23

Instrument :
 BNA_M
 ClientSampleId :
 MW-14

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# 3511
 Delta R.T. -0.006 min
 Lab File: BM036199.D
 Acq: 10 Aug 2022 19:23

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

