

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
 Data File : BM035836.D
 Acq On : 15 Jul 2022 18:50
 Operator : CG/JU
 Sample : N3726-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AWOM-12-12.5

Quant Time: Jul 15 23:47:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 01:21:21 2022
 Response via : Initial Calibration

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

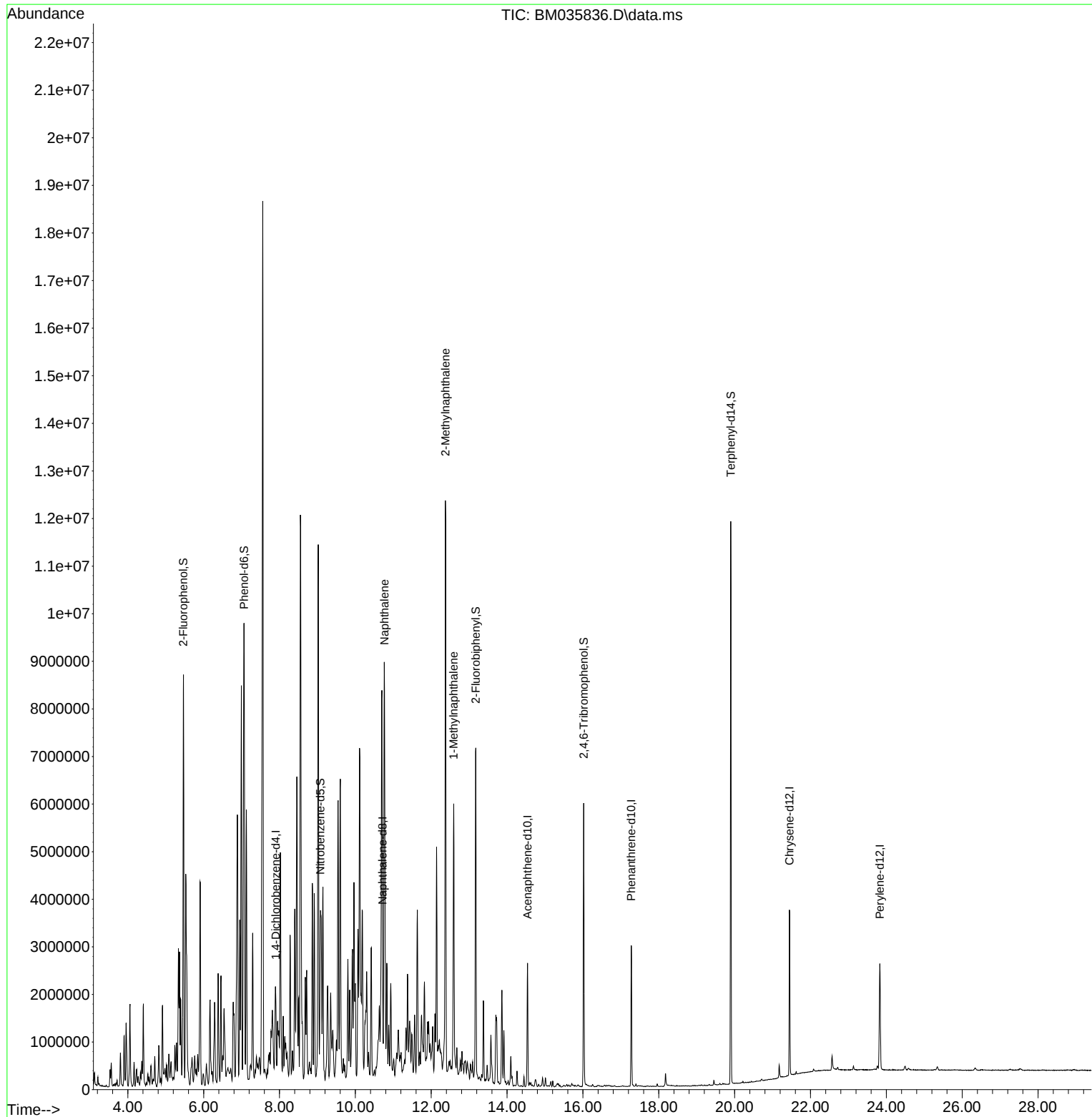
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	324341	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1367974	20.000	ng	# 0.00
39) Acenaphthene-d10	14.539	164	848113	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	1734510	20.000	ng	0.00
76) Chrysene-d12	21.444	240	1612258	20.000	ng	-0.01
86) Perylene-d12	23.827	264	1588178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	2304781	115.422	ng	0.00
7) Phenol-d6	7.069	99	2851374	114.159	ng	0.00
23) Nitrobenzene-d5	9.075	82	1663195	69.505	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	1083811	125.839	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	3553319	58.430	ng	0.00
79) Terphenyl-d14	19.898	244	5422959	65.293	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.769	128	4397635	63.654	ng	97
37) 2-Methylnaphthalene	12.374	142	5724636	125.979	ng	97
38) 1-Methylnaphthalene	12.592	142	2534418	57.255	ng	98

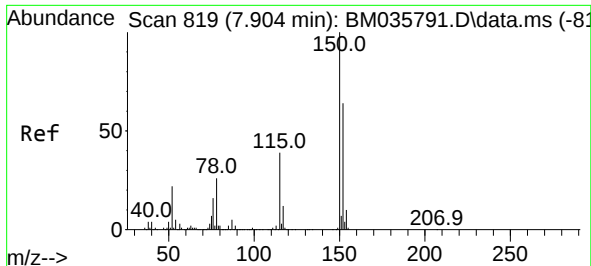
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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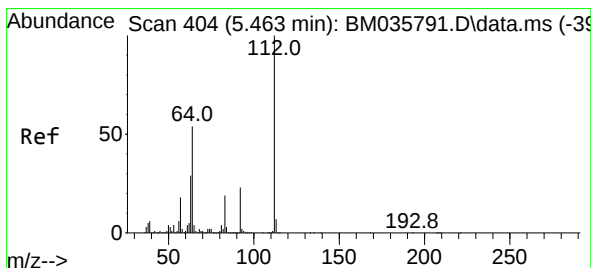
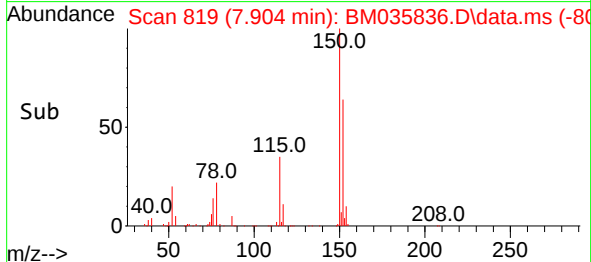
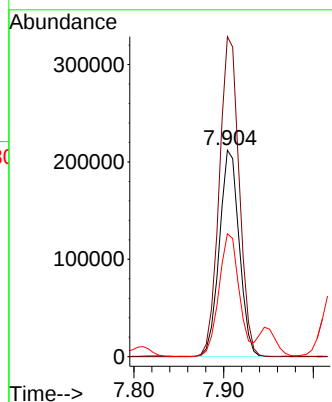
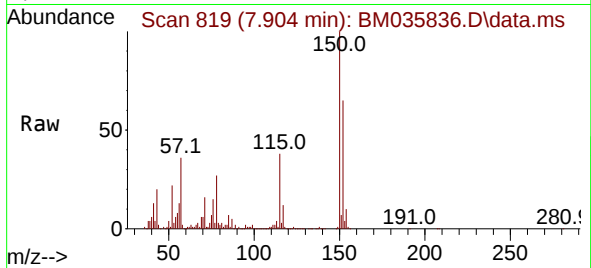




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. 0.000 min
 Lab File: BM035836.D
 Acq: 15 Jul 2022 18:50

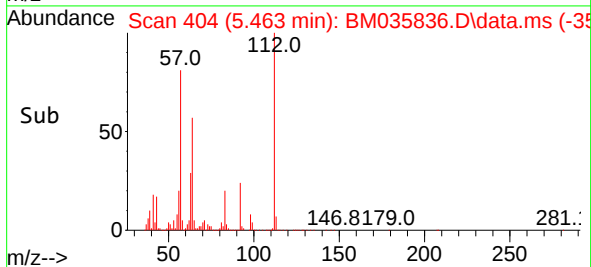
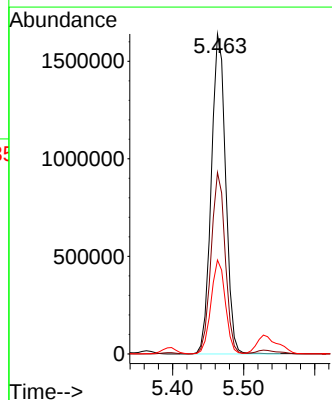
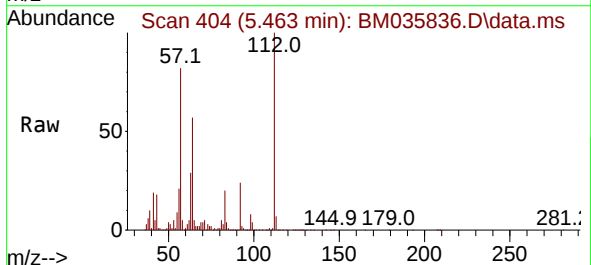
Instrument :
 BNA_M
 ClientSampleId :
 AWOM-12-12.5

Tgt Ion:152 Resp: 324341
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.9 187.3
 115 59.4 47.9 71.9



#5
 2-Fluorophenol
 Concen: 115.422 ng
 RT: 5.463 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: BM035836.D
 Acq: 15 Jul 2022 18:50

Tgt Ion:112 Resp: 2304781
 Ion Ratio Lower Upper
 112 100
 64 56.7 47.8 71.6
 63 29.4 26.6 40.0

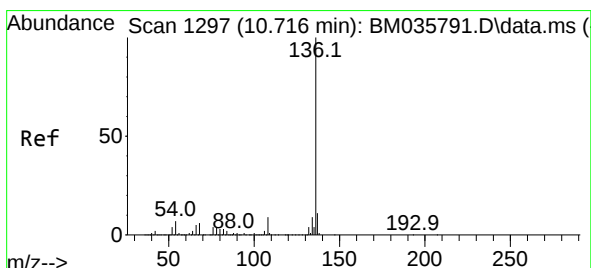
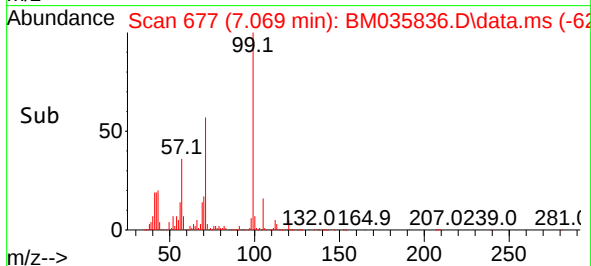
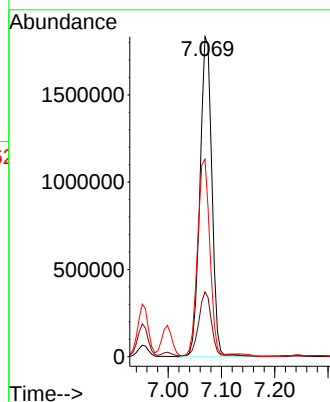
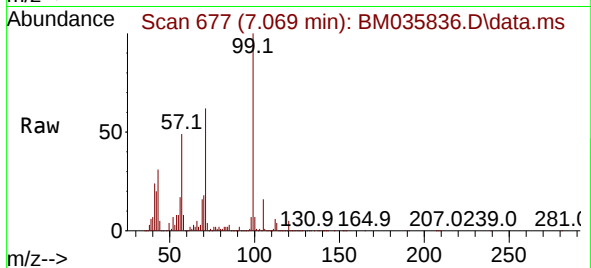




#7
Phenol-d6
Concen: 114.159 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

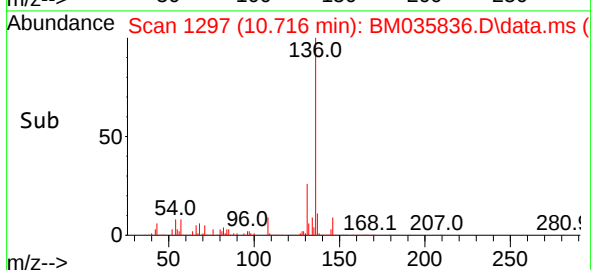
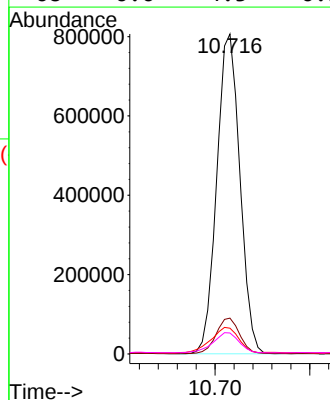
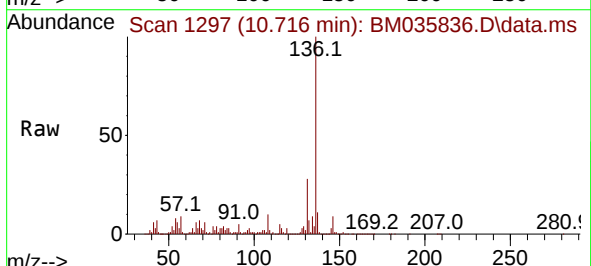
Instrument :
BNA_M
ClientSampleId :
AWOM-12-12.5

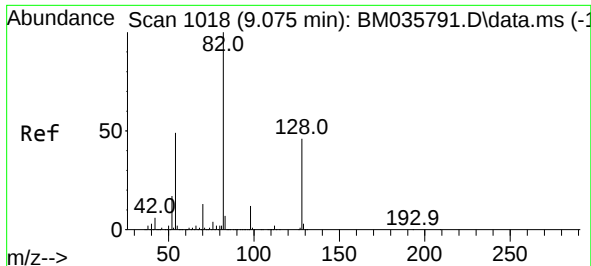
Tgt Ion: 99 Resp: 2851374
Ion Ratio Lower Upper
99 100
42 20.3 18.8 28.2
71 61.7 30.2 45.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

Tgt Ion:136 Resp: 1367974
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.1 7.0 10.4
68 6.6 4.3 6.5#

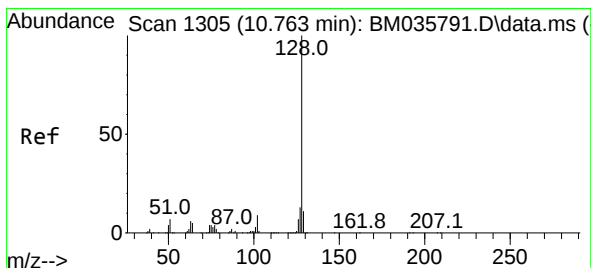
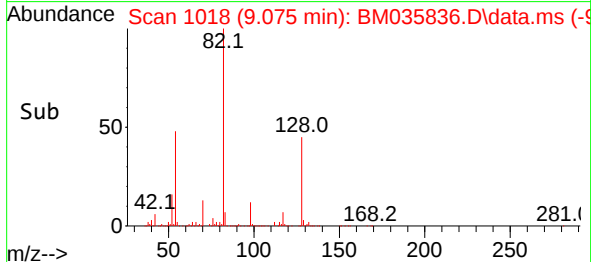
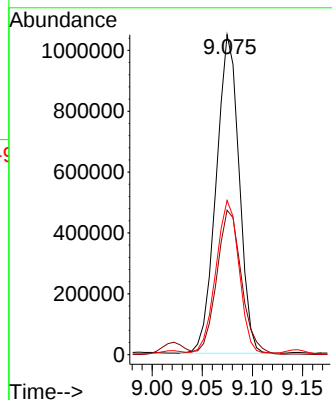
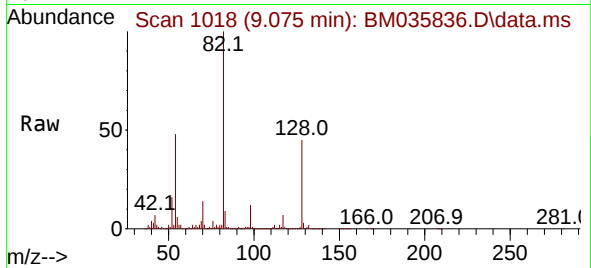




#23
Nitrobenzene-d5
Concen: 69.505 ng
RT: 9.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

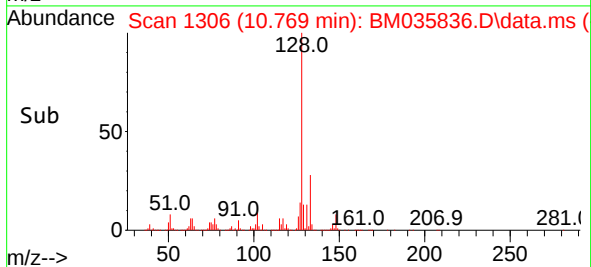
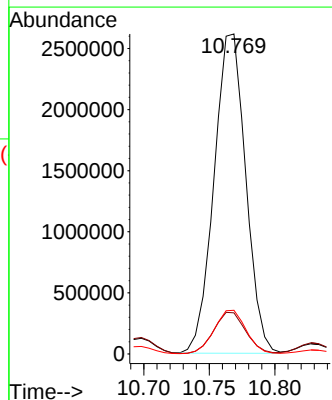
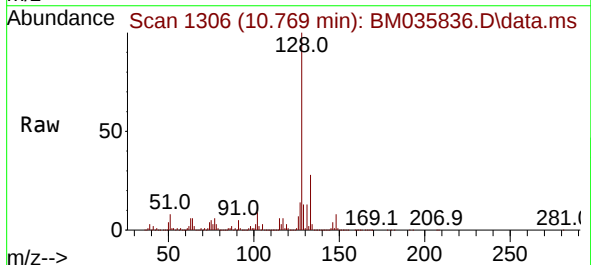
Instrument :
BNA_M
ClientSampleId :
AWOM-12-12.5

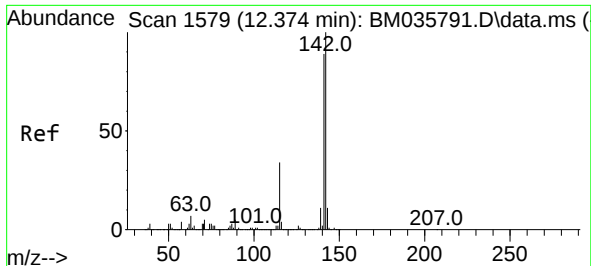
Tgt Ion: 82 Resp: 1663195
Ion Ratio Lower Upper
82 100
128 45.2 33.7 50.5
54 48.2 43.2 64.8



#31
Naphthalene
Concen: 63.654 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

Tgt Ion:128 Resp: 4397635
Ion Ratio Lower Upper
128 100
129 12.8 8.7 13.1
127 13.6 10.6 16.0





#37

2-Methylnaphthalene

Concen: 125.979 ng

RT: 12.374 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035836.D

Acq: 15 Jul 2022 18:50

Instrument :

BNA_M

ClientSampleId :

AWOM-12-12.5

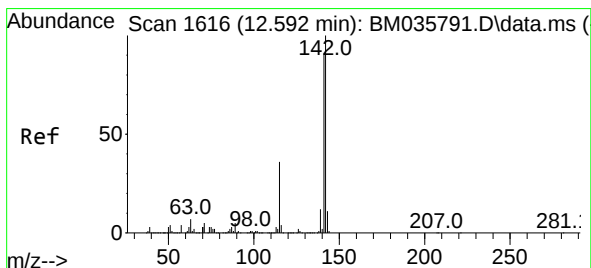
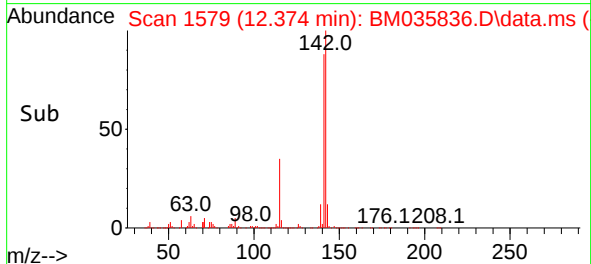
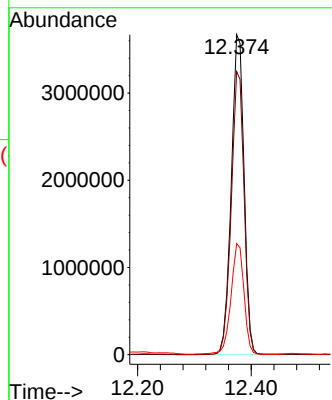
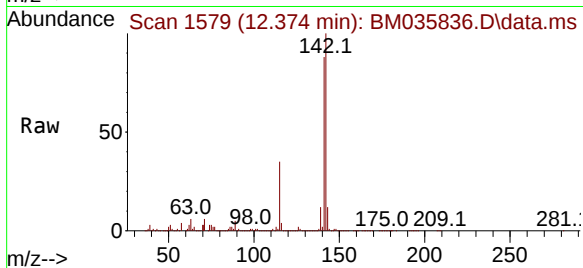
Tgt Ion:142 Resp: 5724636

Ion Ratio Lower Upper

142 100

141 88.5 72.4 108.6

115 34.7 29.6 44.4



#38

1-Methylnaphthalene

Concen: 57.255 ng

RT: 12.592 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BM035836.D

Acq: 15 Jul 2022 18:50

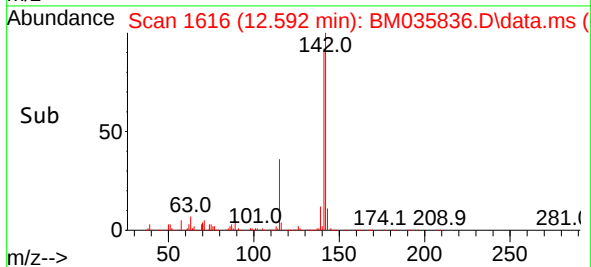
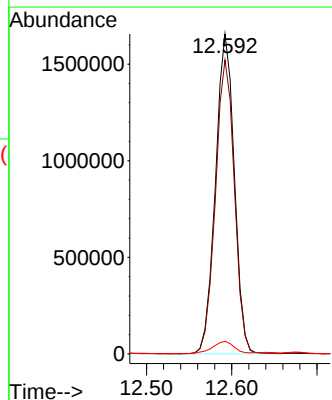
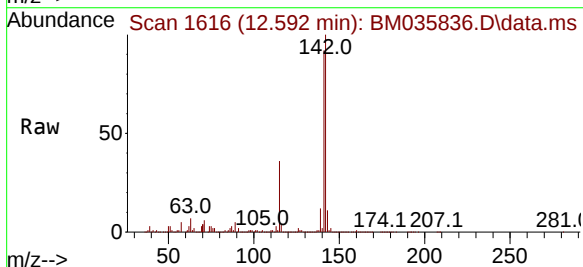
Tgt Ion:142 Resp: 2534418

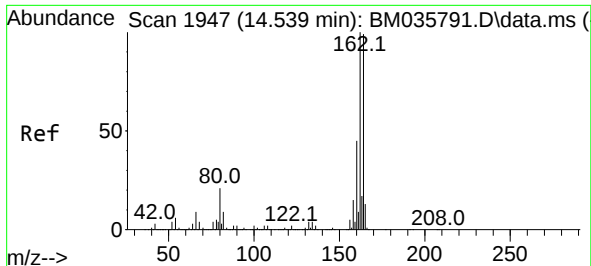
Ion Ratio Lower Upper

142 100

141 91.9 75.0 112.4

116 4.0 3.4 5.2

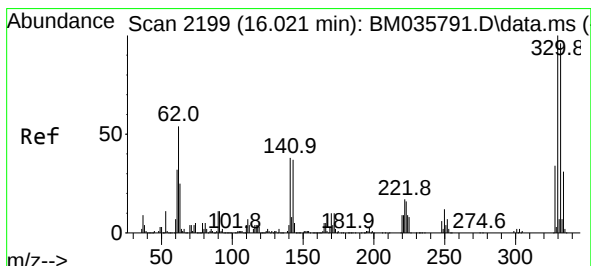
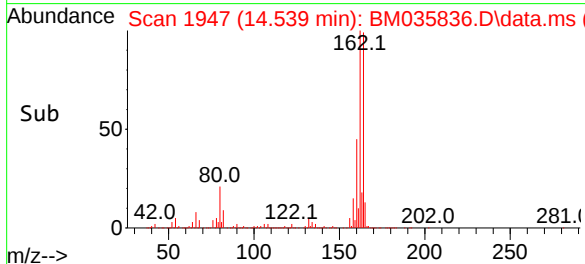
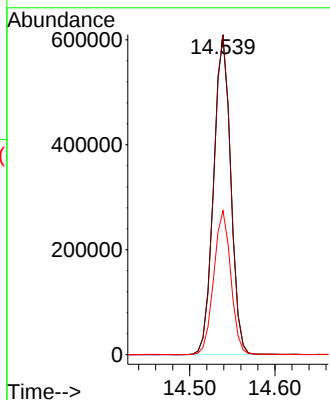
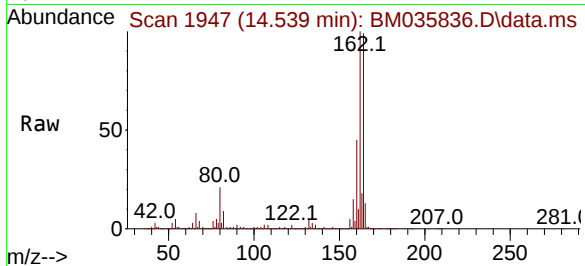




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

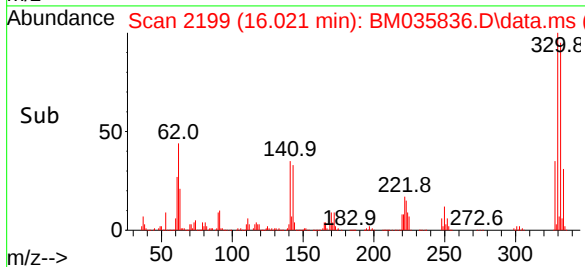
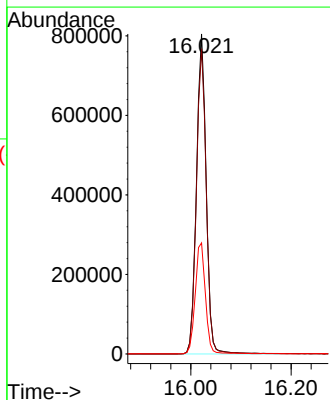
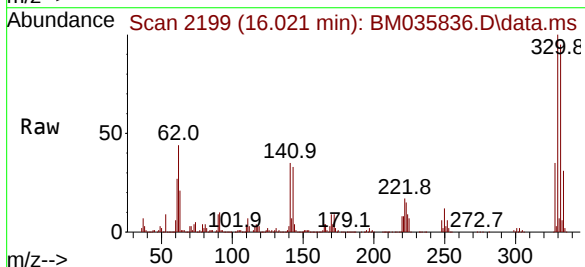
Instrument :
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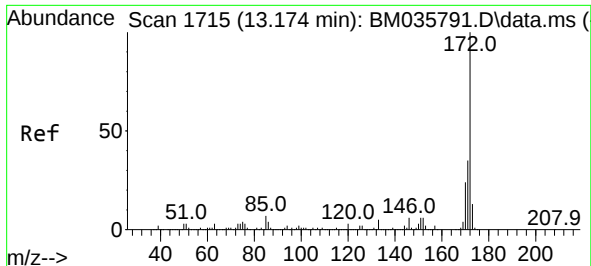
Tgt Ion:164 Resp: 848113
Ion Ratio Lower Upper
164 100
162 101.1 83.0 124.6
160 45.5 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 125.839 ng
RT: 16.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

Tgt Ion:330 Resp: 1083811
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 36.3 35.3 52.9

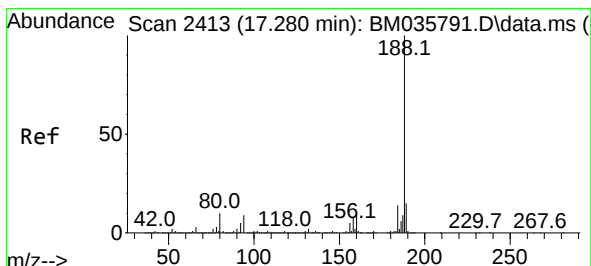
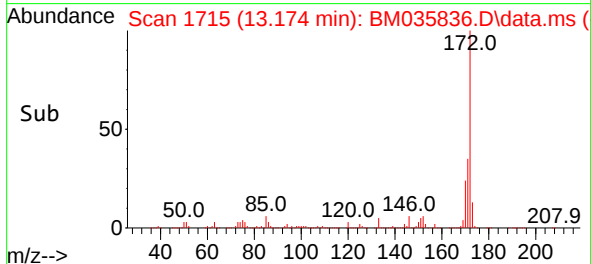
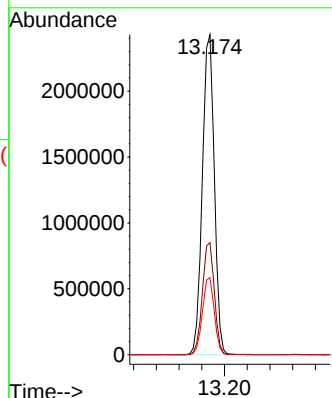
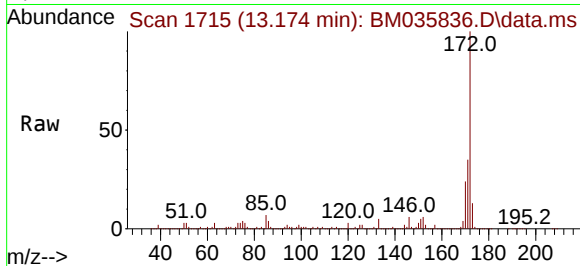




#45
2-Fluorobiphenyl
Concen: 58.430 ng
RT: 13.174 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

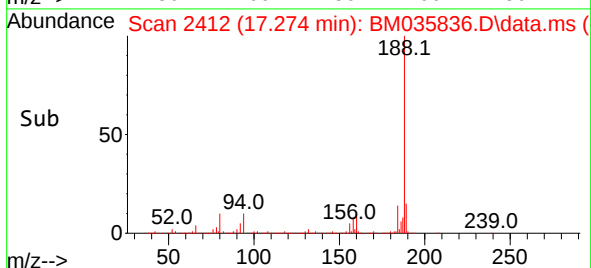
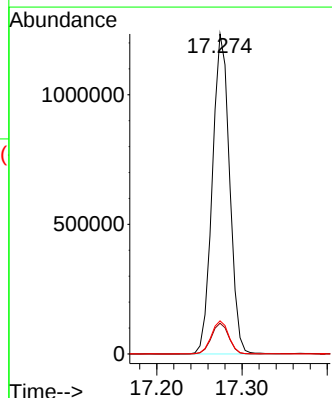
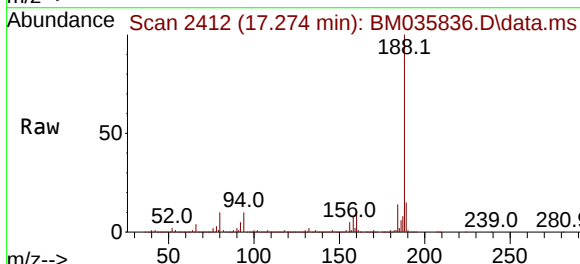
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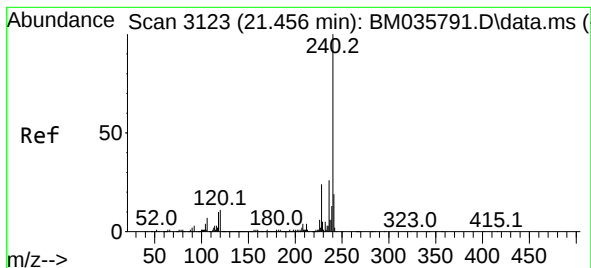
Tgt Ion:172 Resp: 3553319
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 24.1 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.274 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

Tgt Ion:188 Resp: 1734510
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.4
80 10.3 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.444 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM035836.D

Acq: 15 Jul 2022 18:50

Instrument :

BNA_M

ClientSampleId :

AWOM-12-12.5

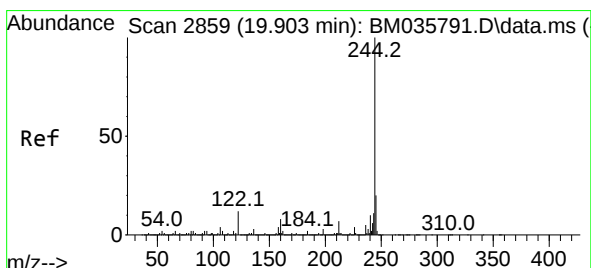
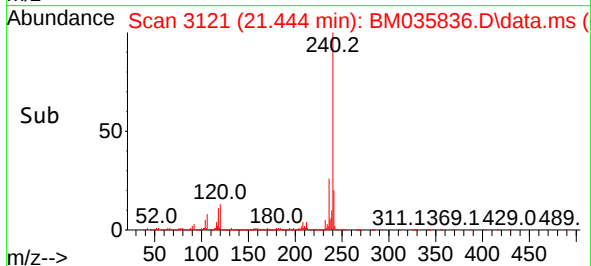
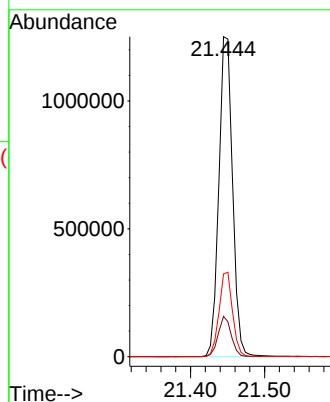
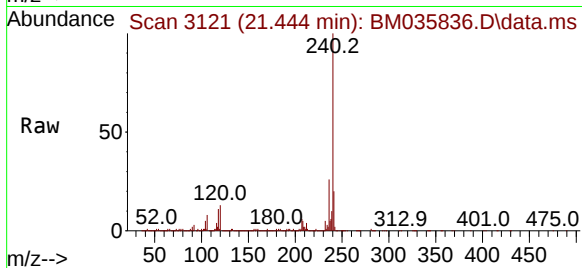
Tgt Ion:240 Resp: 1612258

Ion Ratio Lower Upper

240 100

120 12.6 9.4 14.0

236 25.8 20.6 30.8



#79

Terphenyl-d14

Concen: 65.293 ng

RT: 19.898 min Scan# 2858

Delta R.T. -0.005 min

Lab File: BM035836.D

Acq: 15 Jul 2022 18:50

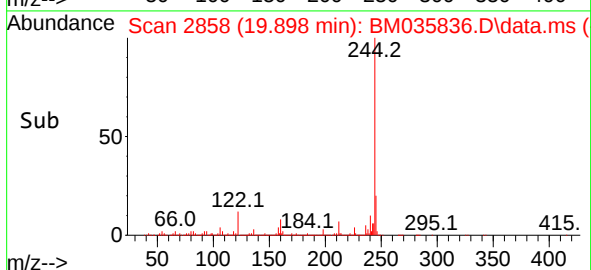
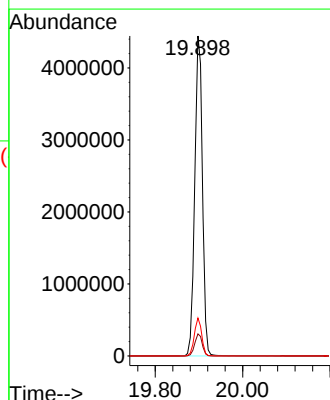
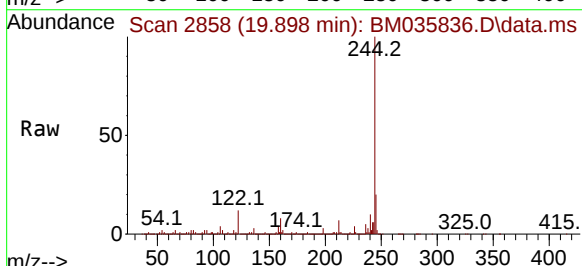
Tgt Ion:244 Resp: 5422959

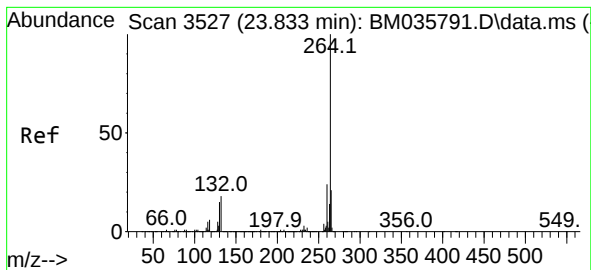
Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.4

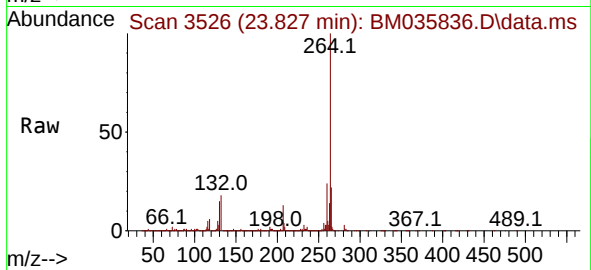
122 11.9 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.827 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

Instrument :
BNA_M
ClientSampleId :
AWOM-12-12.5



Tgt Ion:264 Resp: 1588178

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.7	17.5	26.3

