

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)

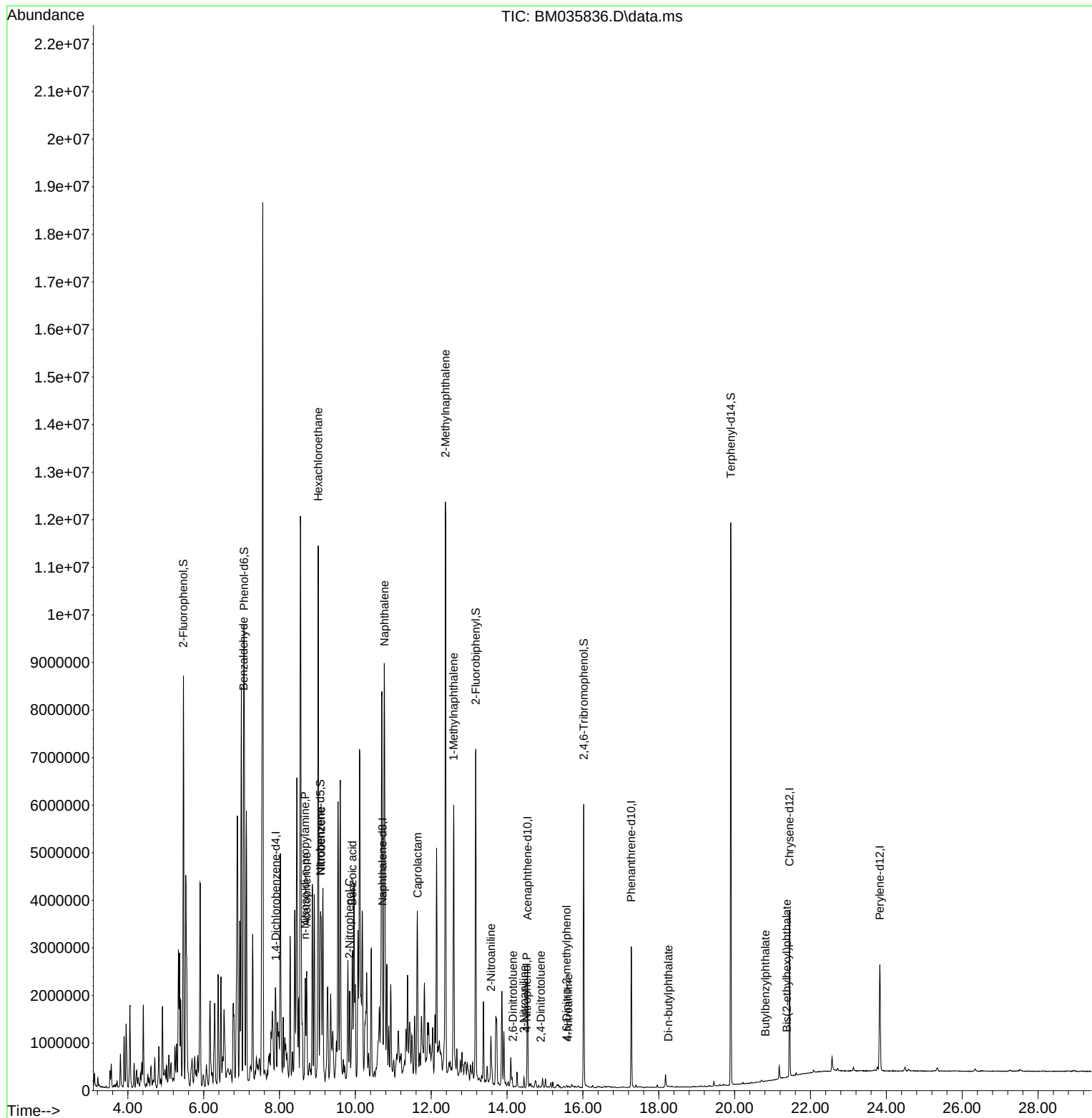
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	324341	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1367974	20.000	ng	# 0.00
39) Acenaphthene-d10	14.539	164	848113	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	1734510	20.000	ng	0.00
76) Chrysene-d12	21.444	240	1612258	20.000	ng	-0.01
86) 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
9) Benzaldehyde	7.051	77	320505	23.510	ng	# 1
18) Hexachloroethane	9.022	117	1021638	119.592	ng	# 1
19) n-Nitroso-di-n-propyla...	8.675	70	62552	4.361	ng	# 58
22) Acetophenone	8.716	105	1483424	44.920	ng	# 55
24) Nitrobenzene	9.098	77	108699	4.821	ng	# 5
26) 2-Nitrophenol	9.845	139	3670	4.917	ng	# 1
31) Naphthalene	10.769	128	4397635	63.654	ng	97
32) Benzoic acid	9.922	122	13844	9.087	ng	# 1
35) Caprolactam	11.639	113	15455	7.641	ng	# 1
37) 2-Methylnaphthalene	12.374	142	5724636	125.979	ng	97
38) 1-Methylnaphthalene	12.592	142	2534418	57.255	ng	98
48) 2-Nitroaniline	13.574	65	8060	4.174	ng	# 35
51) 2,6-Dinitrotoluene	14.157	165	665	2.349	ng	# 90
53) 3-Nitroaniline	14.445	138	115	2.677	ng	# 48
56) 4-Nitrophenol	14.516	139	1917	4.214	ng	90
57) 2,4-Dinitrotoluene	14.892	165	3458	3.541	ng	# 61
62) 4-Nitroaniline	15.615	138	61	2.804	ng	# 8
65) 4,6-Dinitro-2-methylph...	15.568	198	127	6.602	ng	# 1
74) Di-n-butylphthalate	18.251	149	10308	2.367	ng	99
80) Butylbenzylphthalate	20.809	149	278	4.168	ng	90
84) Bis(2-ethylhexyl)phtha...	21.374	149	4740	3.316	ng	98

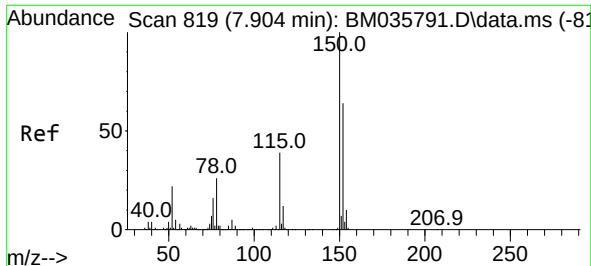
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 14 01:21:21 2022
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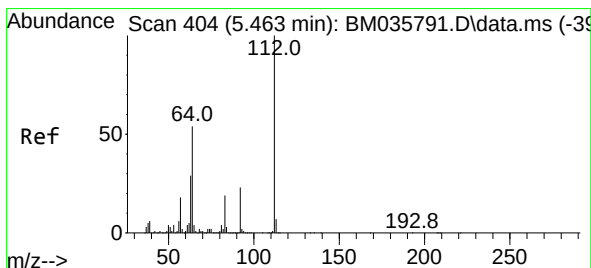
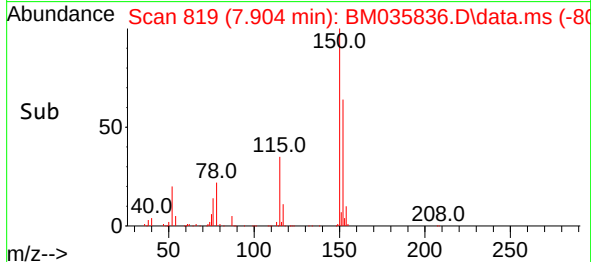
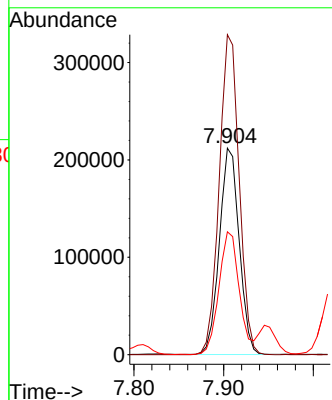
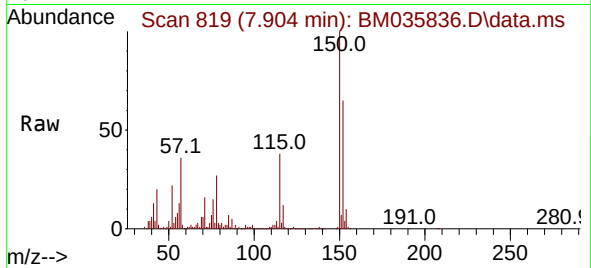




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. 0.000 min
 Lab File: BM035836.D
 Acq: 15 Jul 2022 18:50

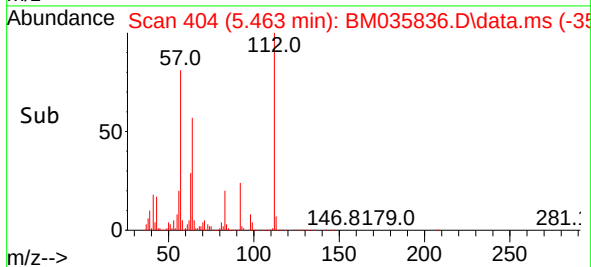
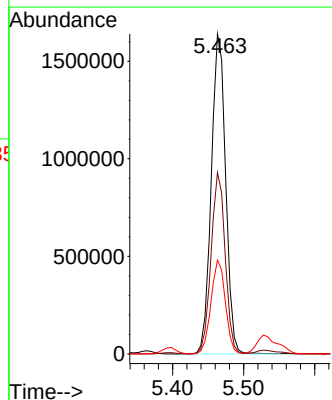
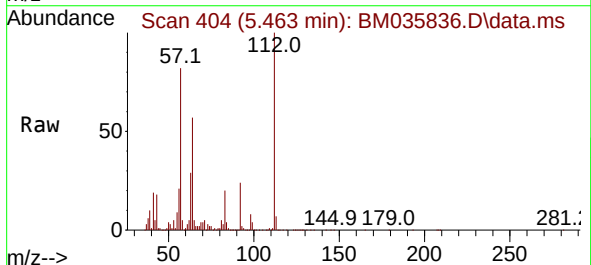
Instrument :
 BNA_M
 ClientSampleId :
 AWOM-12-12.5

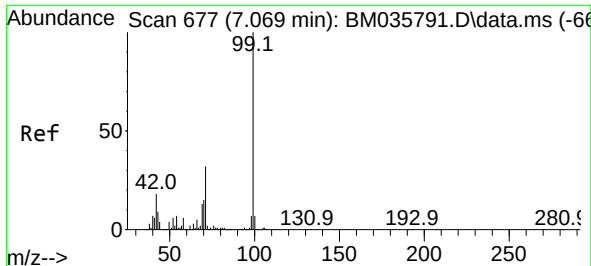
Tgt Ion:152 Resp: 324341
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.9 187.3
 115 59.4 47.9 71.9



#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

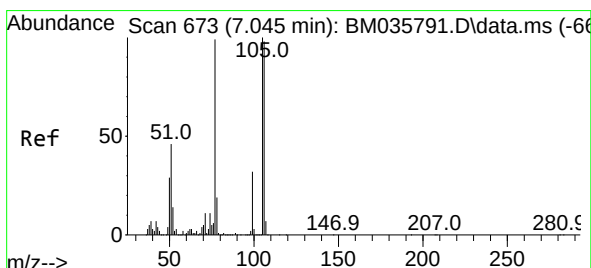
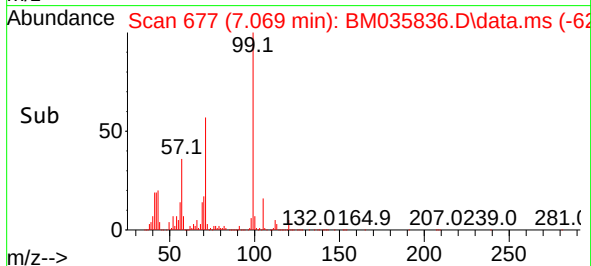
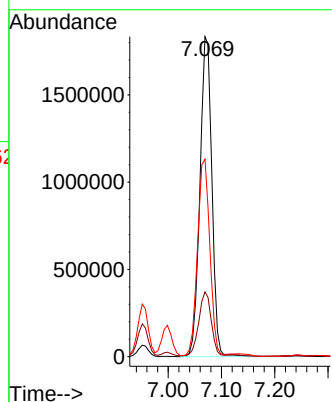
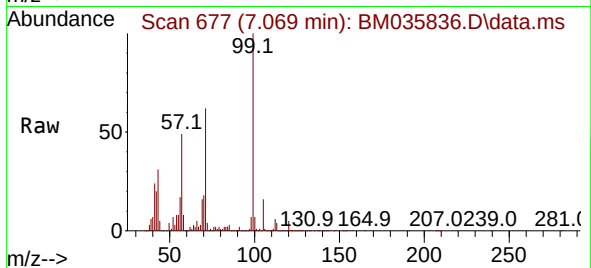




#7
Phenol-d6
Concen: 114.159 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

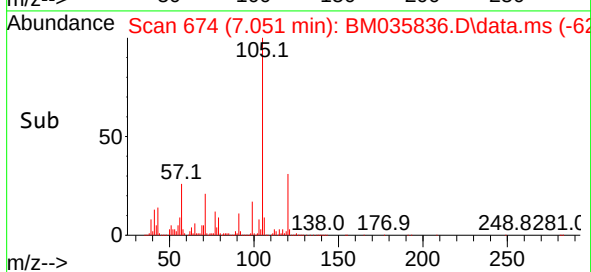
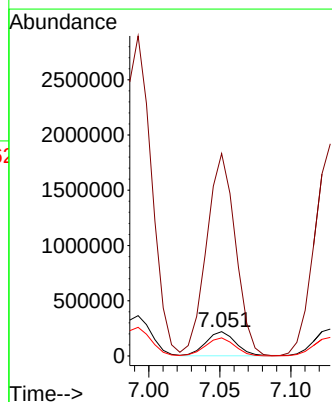
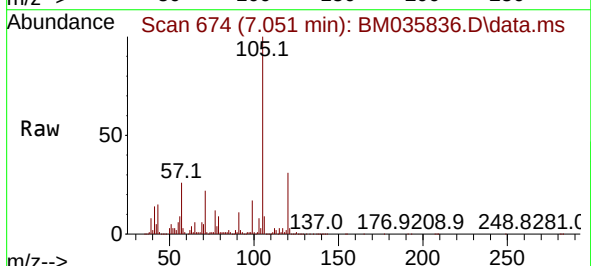
Instrument :
BNA_M
ClientSampleId :
AWOM-12-12.5

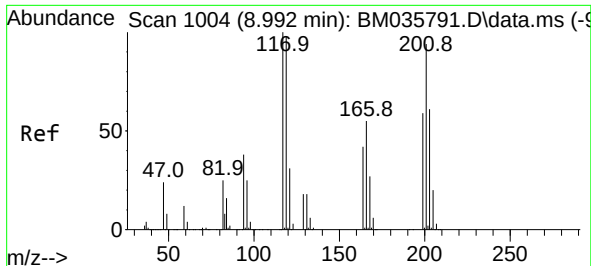
Tgt Ion: 99 Resp: 2851374
Ion Ratio Lower Upper
99 100
42 20.3 18.8 28.2
71 61.7 30.2 45.2#



#9
Benzaldehyde
Concen: 23.510 ng
RT: 7.051 min Scan# 674
Delta R.T. 0.006 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

Tgt Ion: 77 Resp: 320505
Ion Ratio Lower Upper
77 100
105 831.6 76.3 116.3#
106 74.5 69.0 109.0

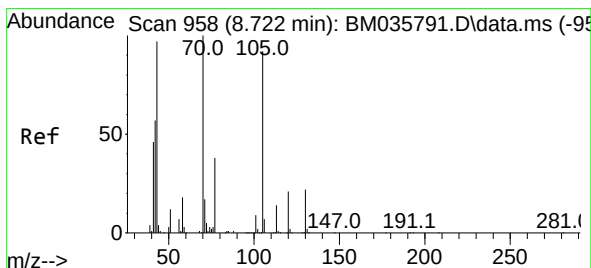
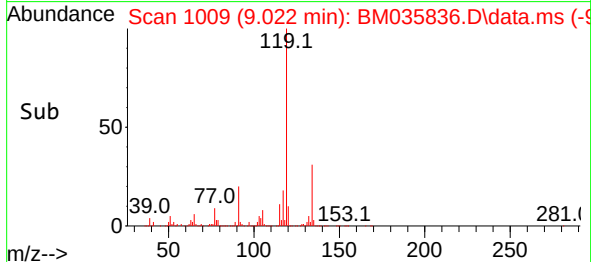
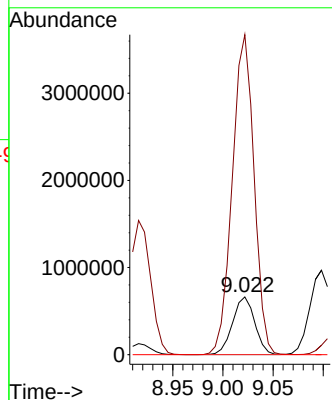
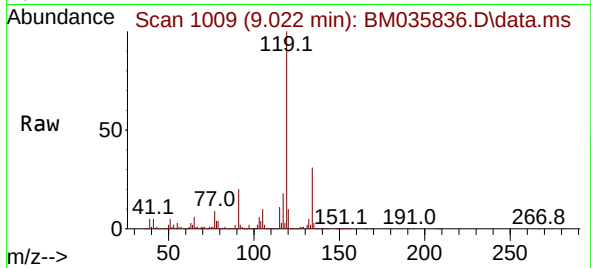




#18
Hexachloroethane
Concen: 119.592 ng
RT: 9.022 min Scan# 1009
Delta R.T. 0.029 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

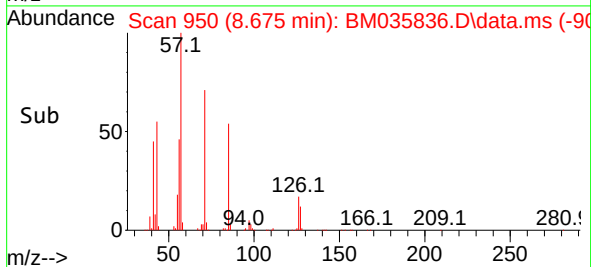
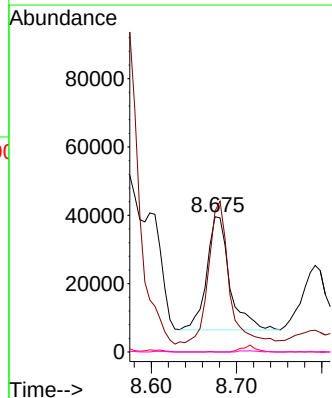
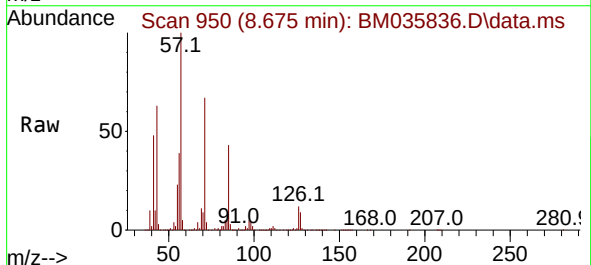
Instrument :
BNA_M
ClientSampleId :
AWOM-12-12.5

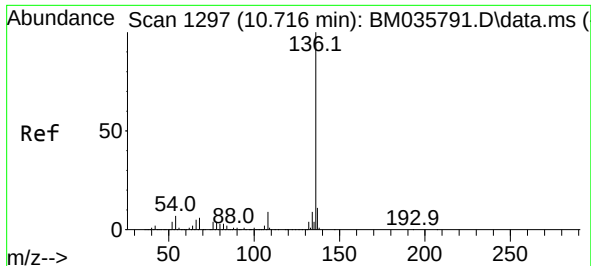
Tgt Ion:117 Resp: 1021638
Ion Ratio Lower Upper
117 100
119 553.5 75.8 113.6#
201 0.0 81.0 121.4#



#19
n-Nitroso-di-n-propylamine
Concen: 4.361 ng
RT: 8.675 min Scan# 950
Delta R.T. -0.047 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

Tgt Ion: 70 Resp: 62552
Ion Ratio Lower Upper
70 100
42 104.3 55.4 83.2#
101 0.0 7.8 11.6#
130 0.0 17.0 25.6#

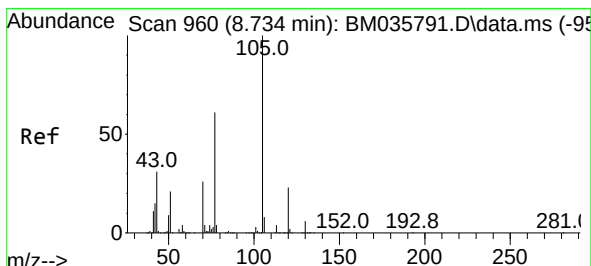
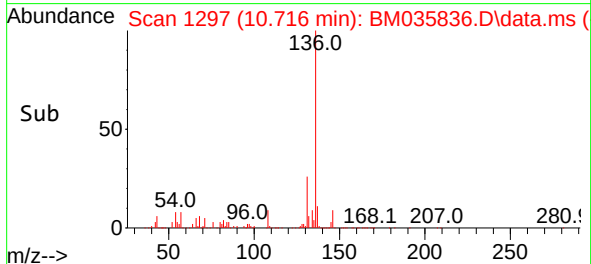
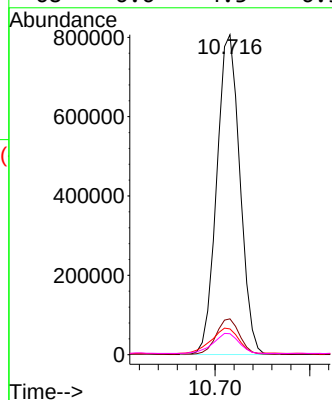
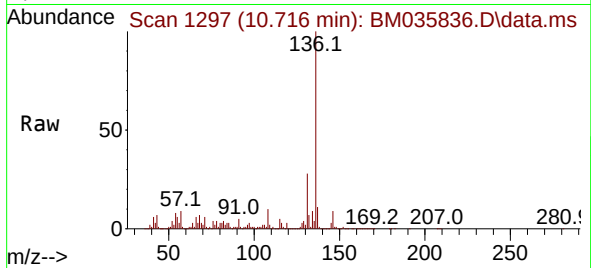




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

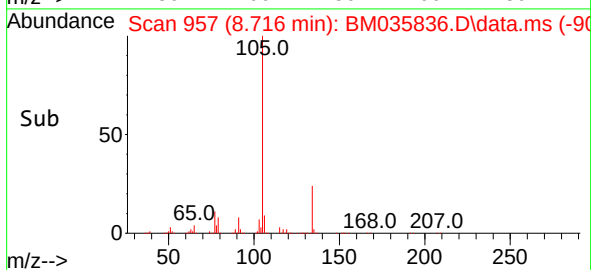
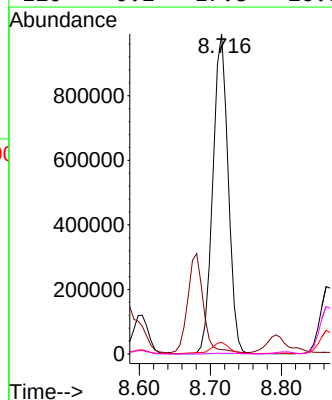
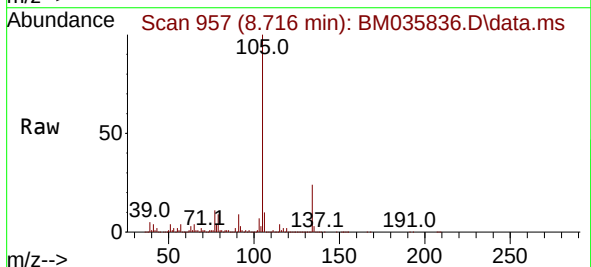
Instrument :
BNA_M
ClientSampleId :
AWOM-12-12.5

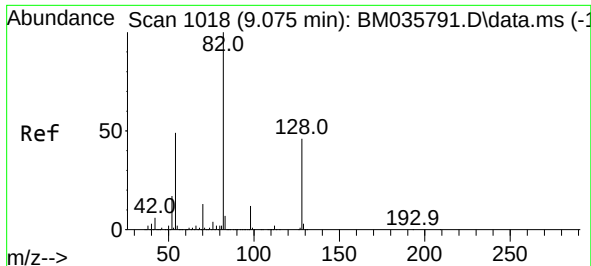
Tgt Ion:136 Resp: 1367974
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.1 7.0 10.4
68 6.6 4.3 6.5#



#22
Acetophenone
Concen: 44.920 ng
RT: 8.716 min Scan# 957
Delta R.T. -0.018 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

Tgt Ion:105 Resp: 1483424
Ion Ratio Lower Upper
105 100
71 1.4 5.0 7.4#
51 3.7 25.6 38.4#
120 0.2 17.8 26.8#

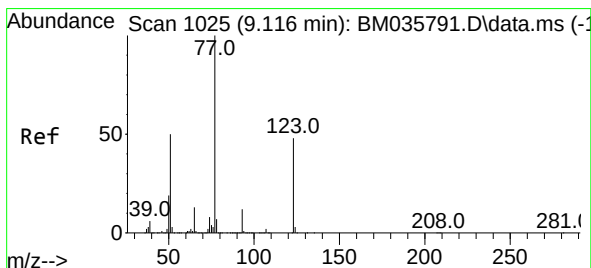
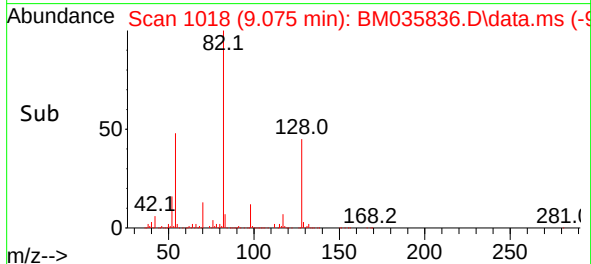
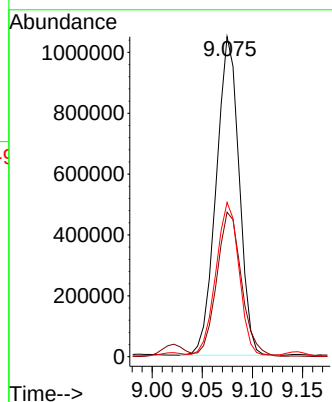
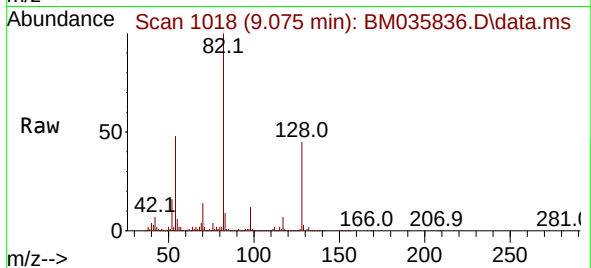




#23
Nitrobenzene-d5
Concen: 69.505 ng
RT: 9.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

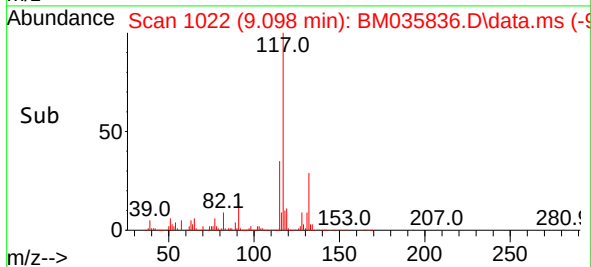
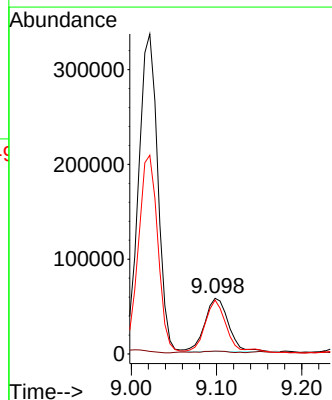
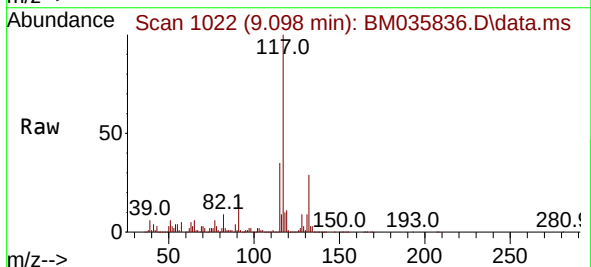
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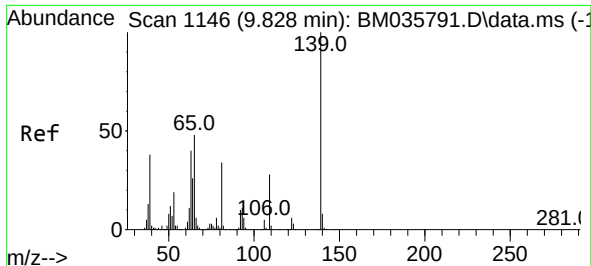
Tgt Ion: 82 Resp: 1663195
Ion Ratio Lower Upper
82 100
128 45.2 33.7 50.5
54 48.2 43.2 64.8



#24
Nitrobenzene
Concen: 4.821 ng
RT: 9.098 min Scan# 1022
Delta R.T. -0.018 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

Tgt Ion: 77 Resp: 108699
Ion Ratio Lower Upper
77 100
123 5.3 36.2 54.4#
65 96.7 11.4 17.0#

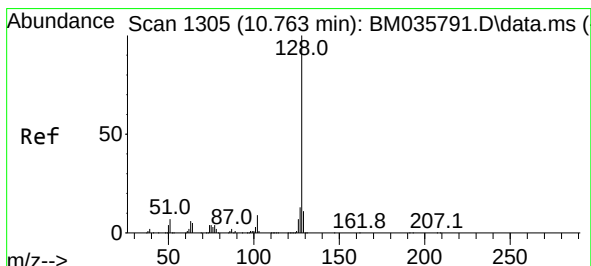
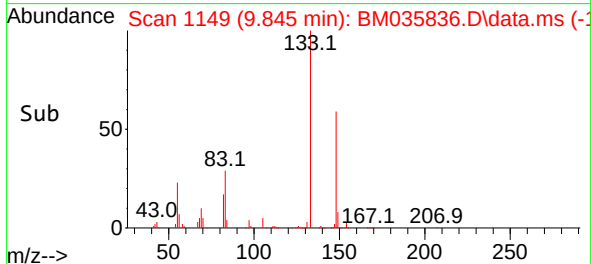
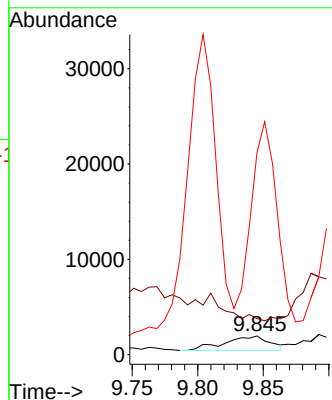
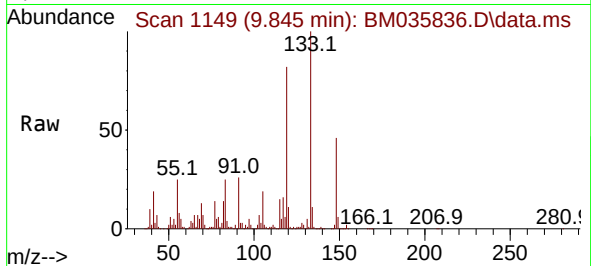




#26
2-Nitrophenol
Concen: 4.917 ng
RT: 9.845 min Scan# 1146
Delta R.T. 0.017 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

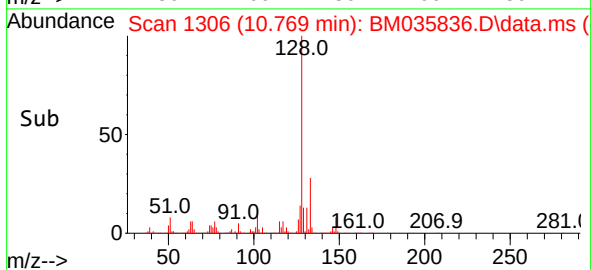
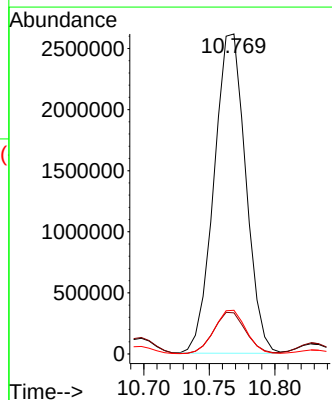
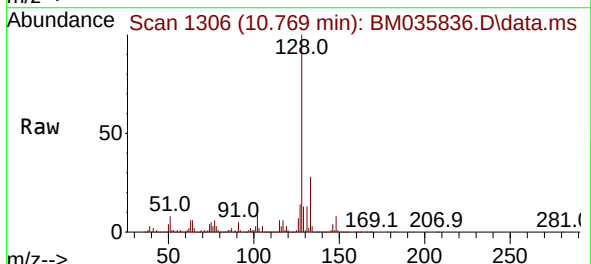
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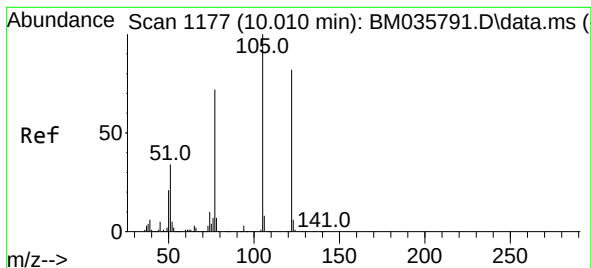
Tgt Ion:139 Resp: 3670
Ion Ratio Lower Upper
139 100
109 193.2 25.6 38.4#
65 1079.0 43.2 64.8#



#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





#32

Benzoic acid

Concen: 9.087 ng

RT: 9.922 min Scan# 1177

Delta R.T. -0.088 min

Lab File: BM035836.D

Acq: 15 Jul 2022 18:50

Instrument :

BNA_M

ClientSampleId :

AWOM-12-12.5

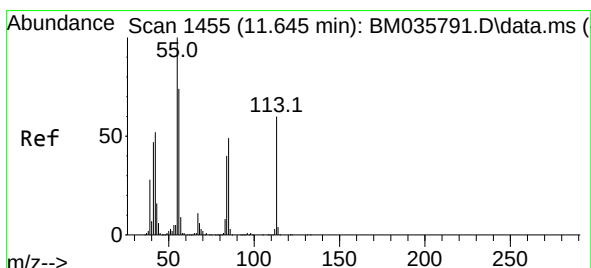
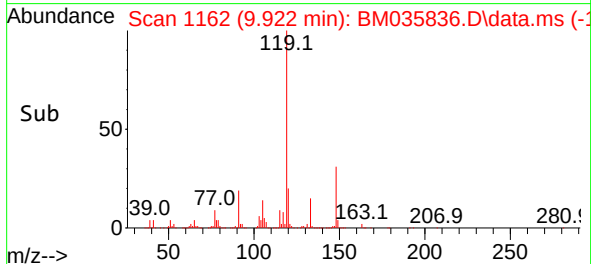
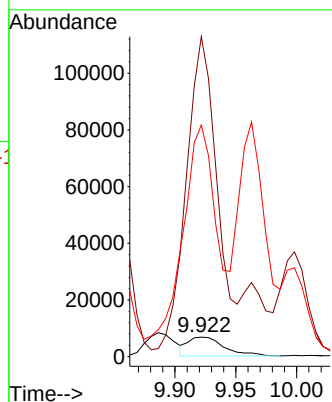
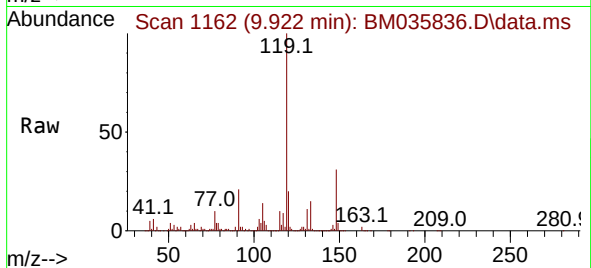
Tgt Ion:122 Resp: 13844

Ion Ratio Lower Upper

122 100

105 1636.5 105.7 145.7#

77 1184.6 80.0 120.0#



#35

Caprolactam

Concen: 7.641 ng

RT: 11.639 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BM035836.D

Acq: 15 Jul 2022 18:50

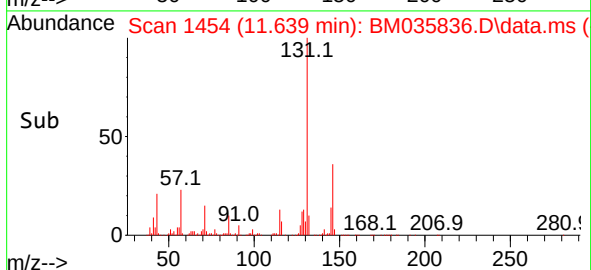
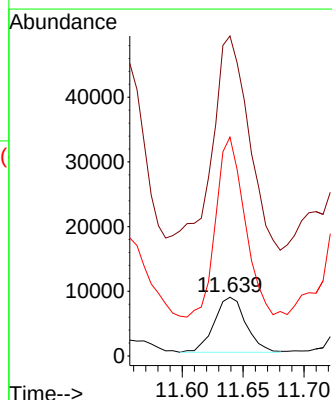
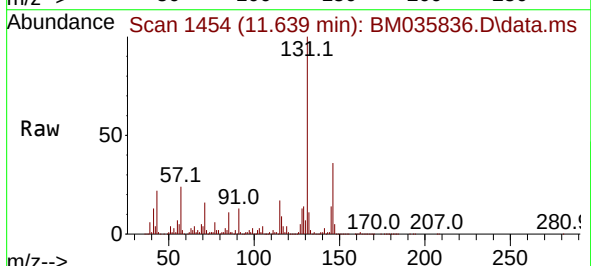
Tgt Ion:113 Resp: 15455

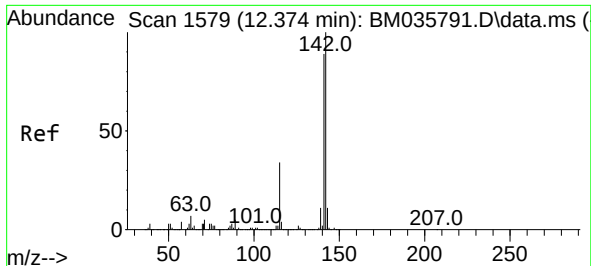
Ion Ratio Lower Upper

113 100

55 544.6 150.1 190.1#

56 372.6 111.7 151.7#

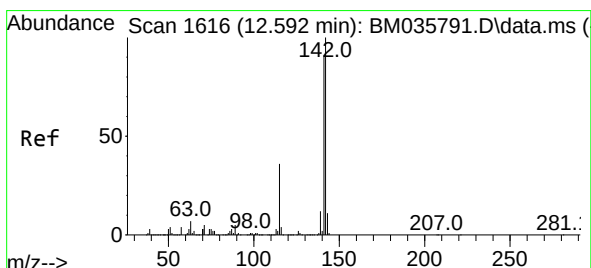
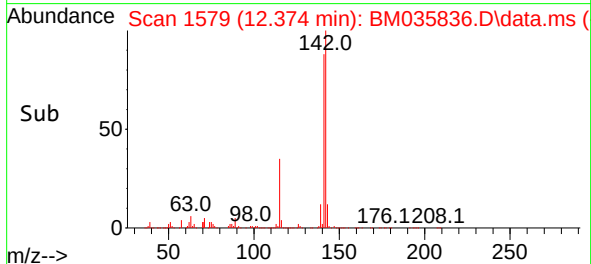
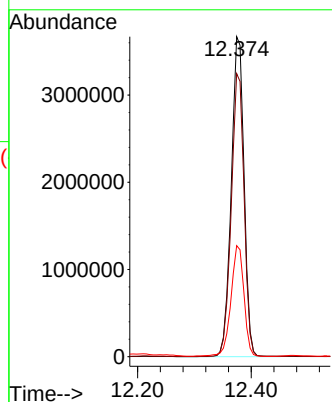
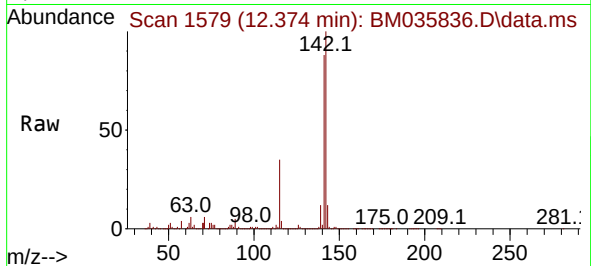




#37
2-Methylnaphthalene
Concen: 125.979 ng
RT: 12.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

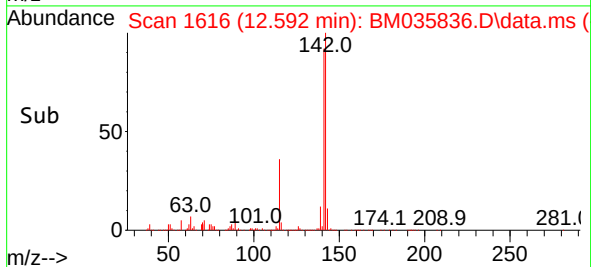
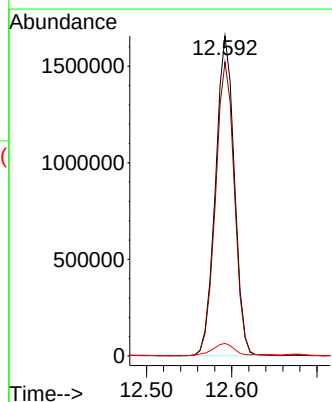
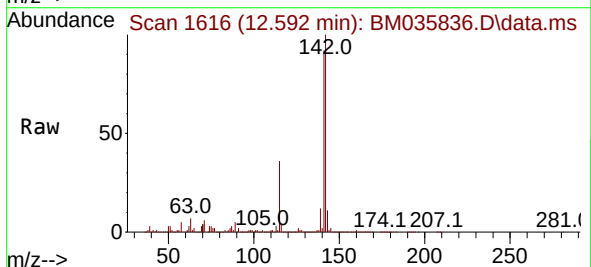
Instrument :
BNA_M
ClientSampleId :
AWOM-12-12.5

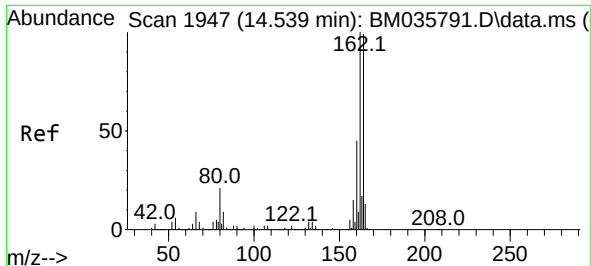
Tgt Ion:142 Resp: 5724636
Ion Ratio Lower Upper
142 100
141 88.5 72.4 108.6
115 34.7 29.6 44.4



#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

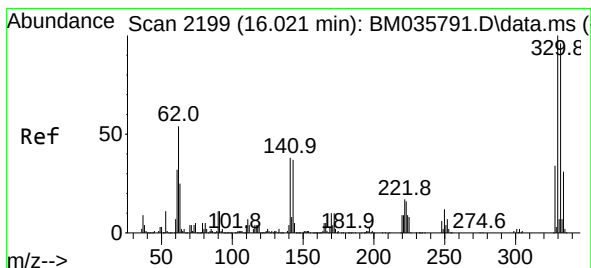
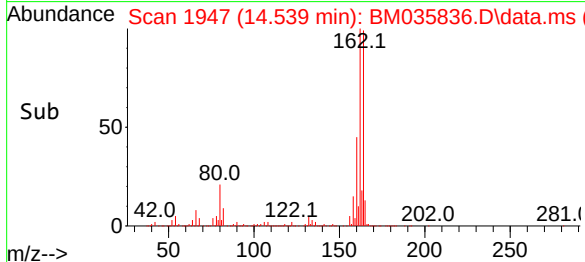
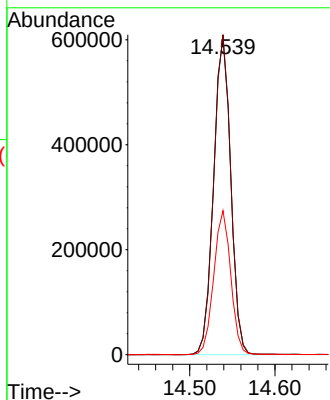
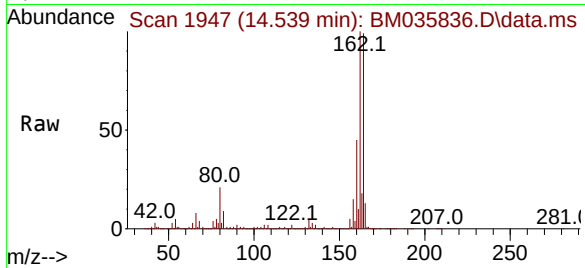




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

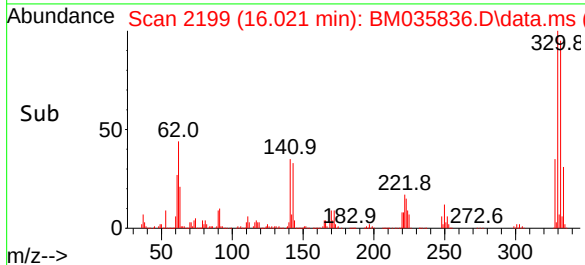
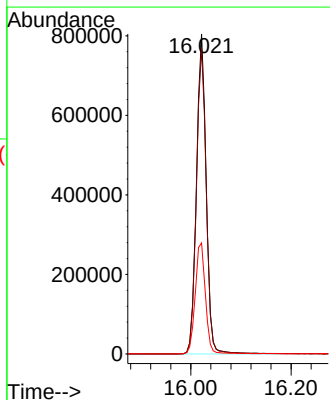
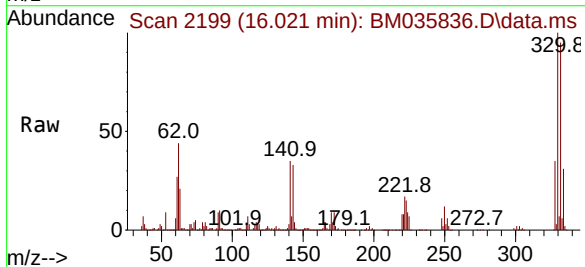
Instrument :
BNA_M
ClientSampleId :
AWOM-12-12.5

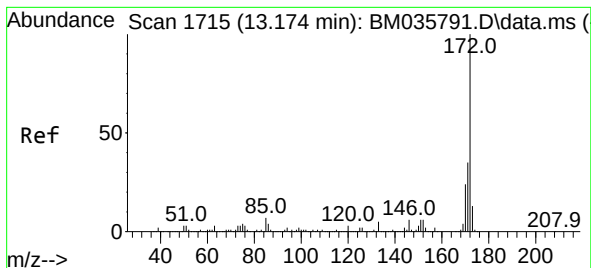
Tgt Ion:164 Resp: 848113
Ion Ratio Lower Upper
164 100
162 101.1 83.0 124.6
160 45.5 37.0 55.4



#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

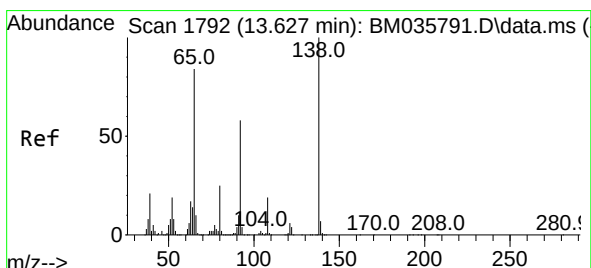
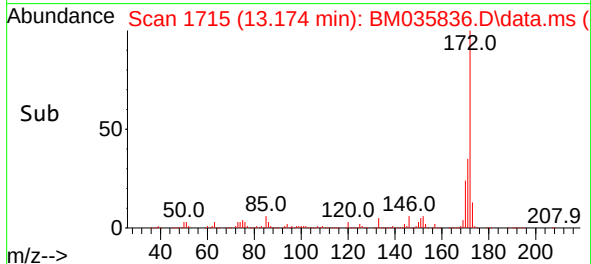
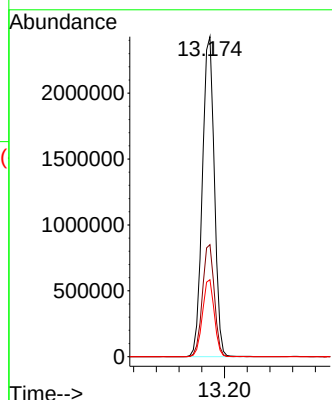
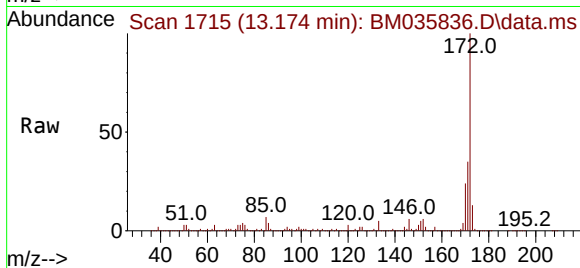




#45
2-Fluorobiphenyl
Concen: 58.430 ng
RT: 13.174 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

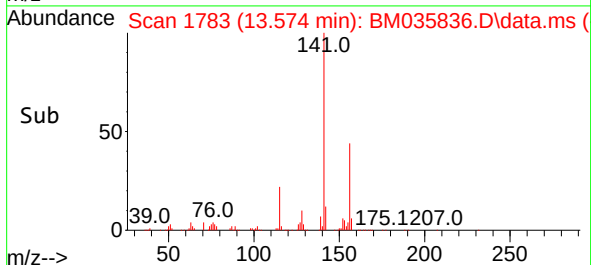
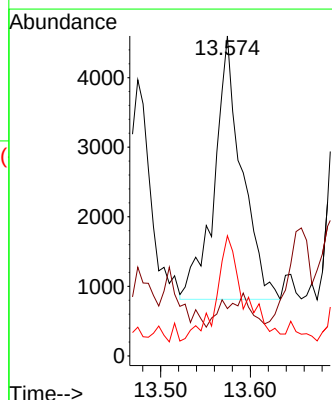
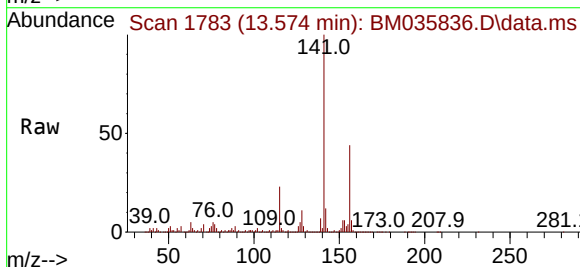
Instrument :
BNA_M
ClientSampleId :
AWOM-12-12.5

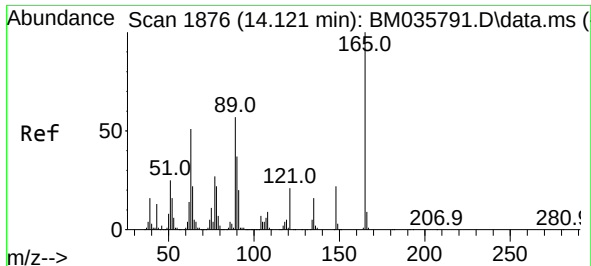
Tgt Ion:172 Resp: 3553319
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 24.1 18.7 28.1



#48
2-Nitroaniline
Concen: 4.174 ng
RT: 13.574 min Scan# 1783
Delta R.T. -0.053 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

Tgt Ion: 65 Resp: 8060
Ion Ratio Lower Upper
65 100
92 14.8 53.7 80.5#
138 37.5 83.9 125.9#

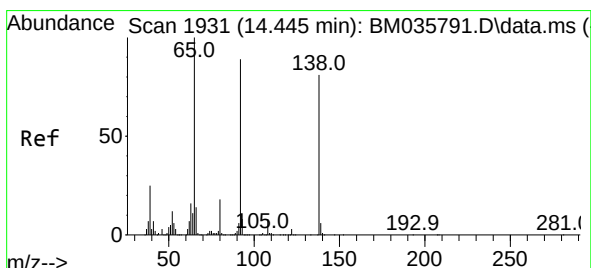
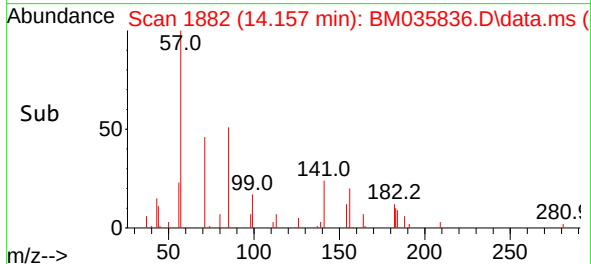
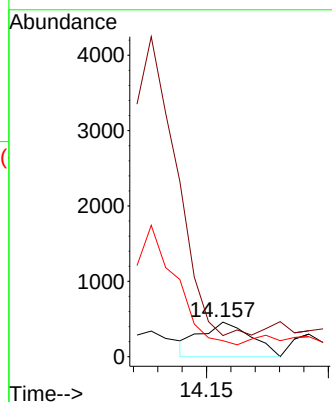
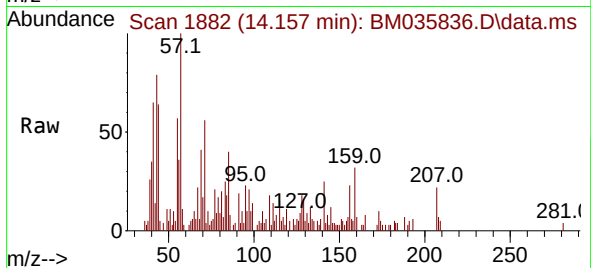




#51
2,6-Dinitrotoluene
Concen: 2.349 ng
RT: 14.157 min Scan# 1882
Delta R.T. 0.036 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

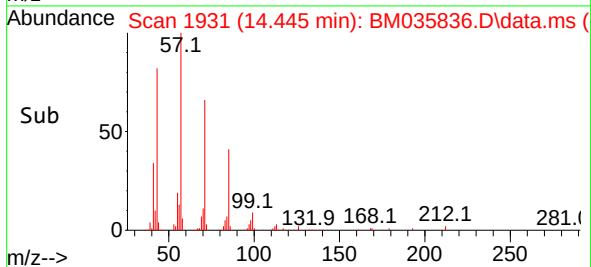
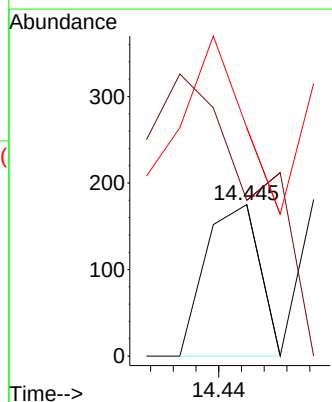
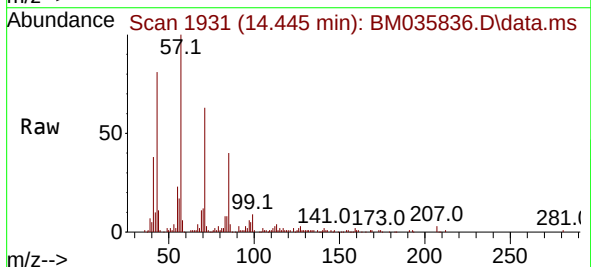
Instrument :
BNA_M
ClientSampleId :
AWOM-12-12.5

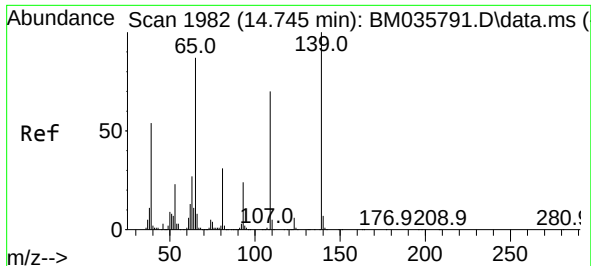
Tgt Ion:165 Resp: 665
Ion Ratio Lower Upper
165 100
63 61.1 50.2 75.2
89 46.3 48.4 72.6#



#53
3-Nitroaniline
Concen: 2.677 ng
RT: 14.445 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

Tgt Ion:138 Resp: 115
Ion Ratio Lower Upper
138 100
108 102.9 8.7 13.1#
92 150.9 91.5 137.3#

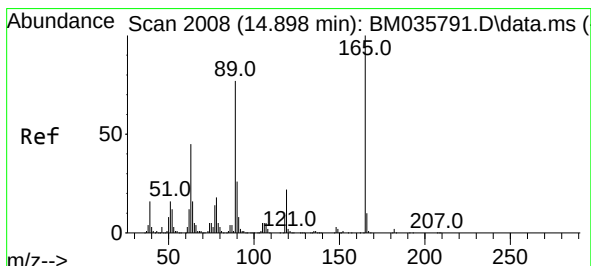
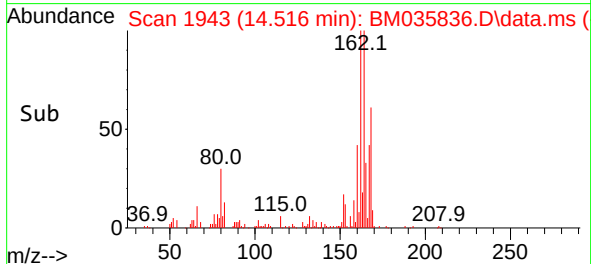
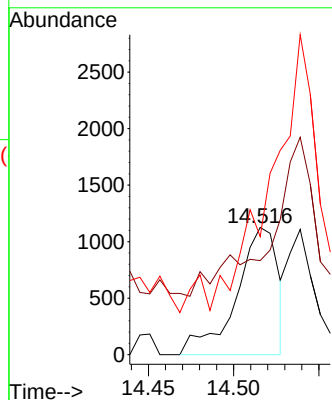
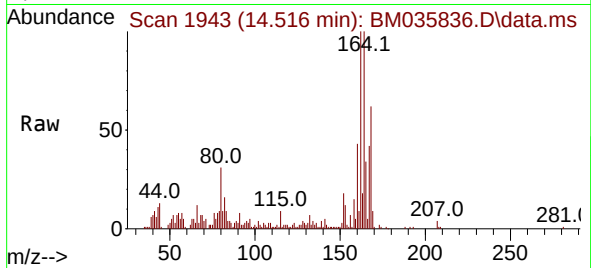




#56
4-Nitrophenol
Concen: 4.214 ng
RT: 14.516 min Scan# 1982
Delta R.T. -0.229 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

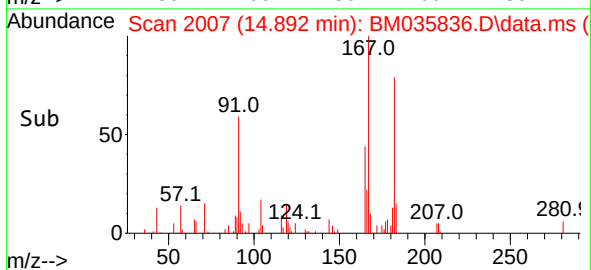
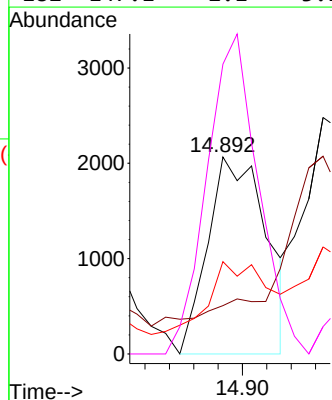
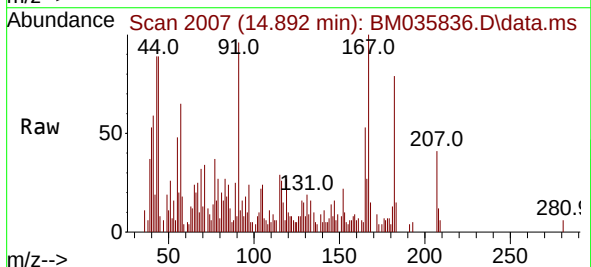
Instrument :
BNA_M
ClientSampleId :
AWOM-12-12.5

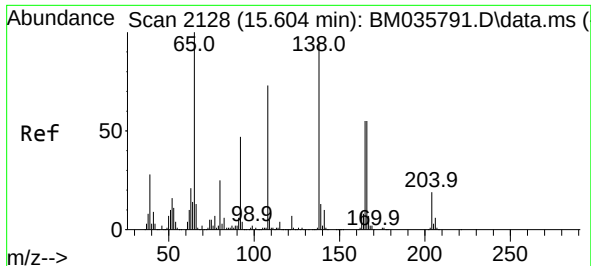
Tgt Ion:139 Resp: 1917
Ion Ratio Lower Upper
139 100
109 74.0 62.5 102.5
65 92.9 83.5 123.5



#57
2,4-Dinitrotoluene
Concen: 3.541 ng
RT: 14.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

Tgt Ion:165 Resp: 3458
Ion Ratio Lower Upper
165 100
63 24.5 35.6 53.4#
89 46.9 57.3 85.9#
182 147.1 2.1 3.1#

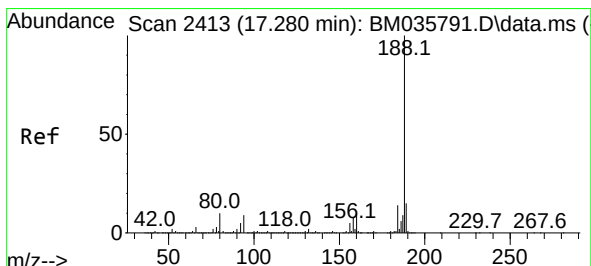
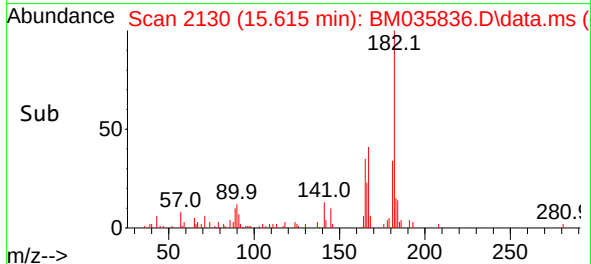
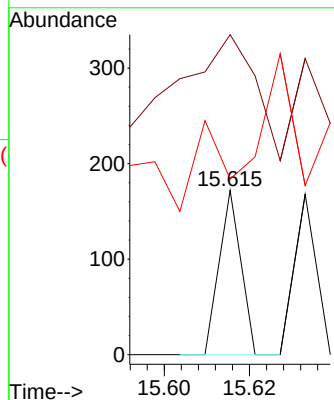
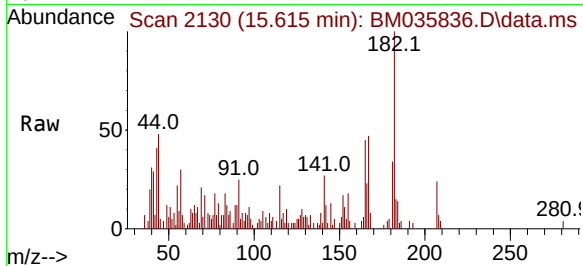




#62
4-Nitroaniline
Concen: 2.804 ng
RT: 15.615 min Scan# 2128
Delta R.T. 0.011 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

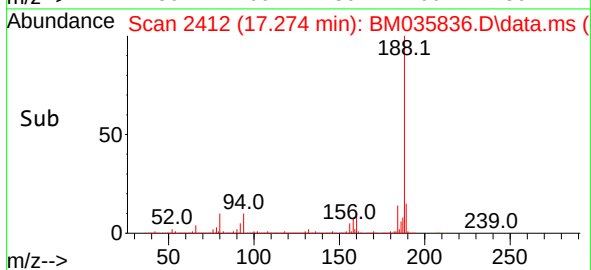
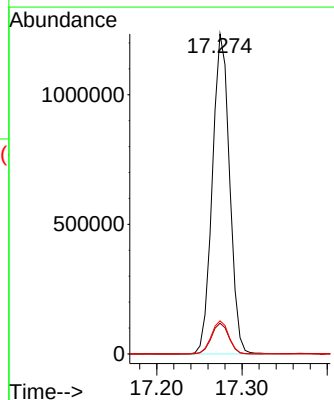
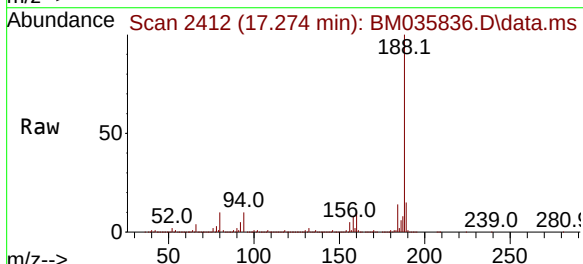
Instrument :
BNA_M
ClientSampleId :
AWOM-12-12.5

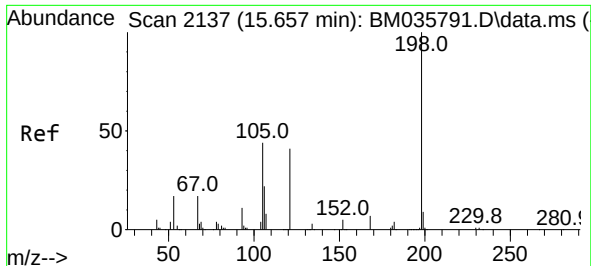
Tgt Ion:138 Resp: 61
Ion Ratio Lower Upper
138 100
92 194.8 30.8 70.8#
108 107.0 65.7 105.7#



#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

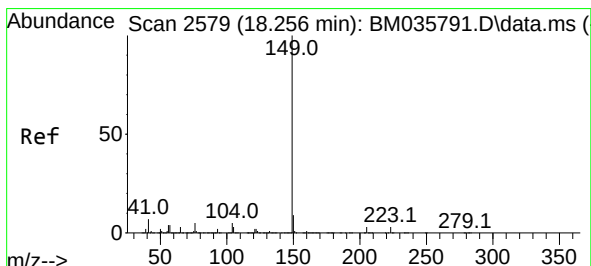
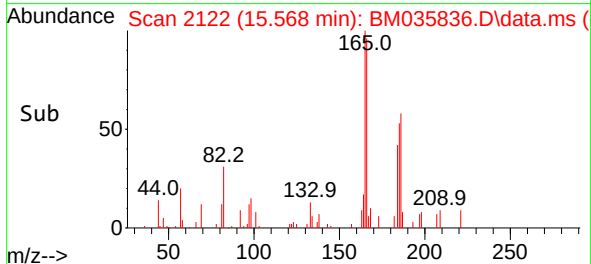
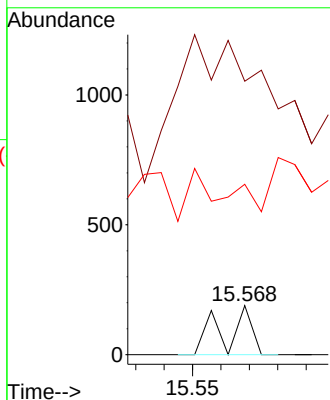
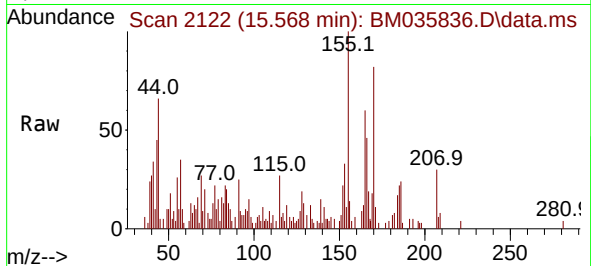




#65
4,6-Dinitro-2-methylphenol
Concen: 6.602 ng
RT: 15.568 min Scan# 2137
Delta R.T. -0.089 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

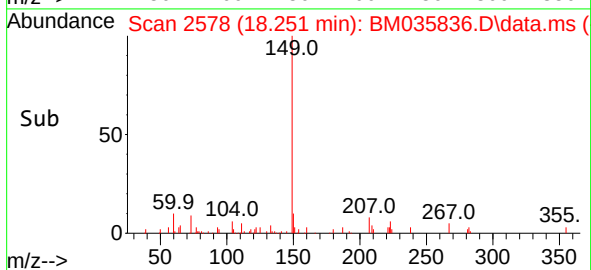
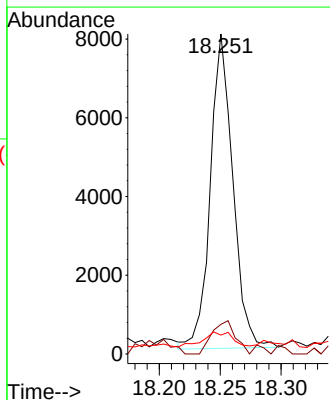
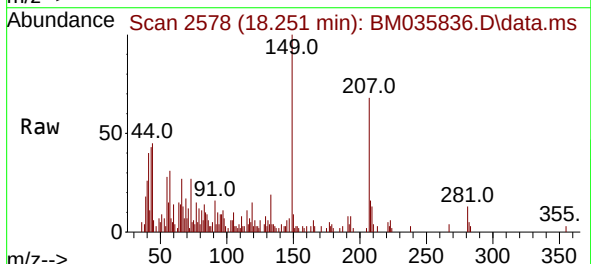
Instrument :
BNA_M
ClientSampleId :
AWOM-12-12.5

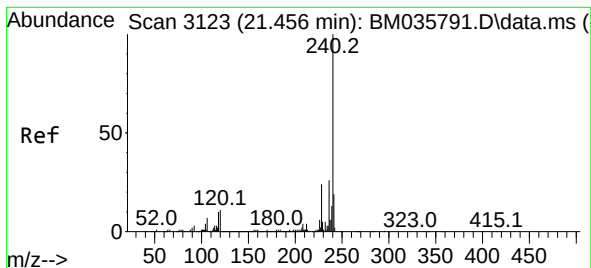
Tgt Ion:198 Resp: 127
Ion Ratio Lower Upper
198 100
51 557.1 29.0 69.0#
105 347.1 22.1 62.1#



#74
Di-n-butylphthalate
Concen: 2.367 ng
RT: 18.251 min Scan# 2578
Delta R.T. -0.005 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

Tgt Ion:149 Resp: 10308
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 5.9 4.3 6.5





#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

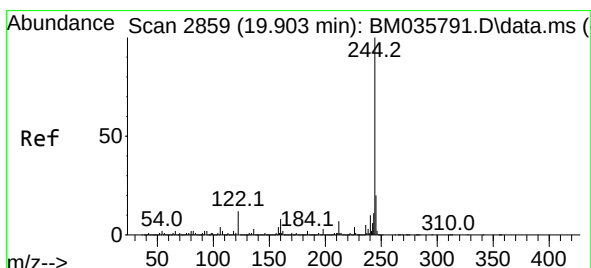
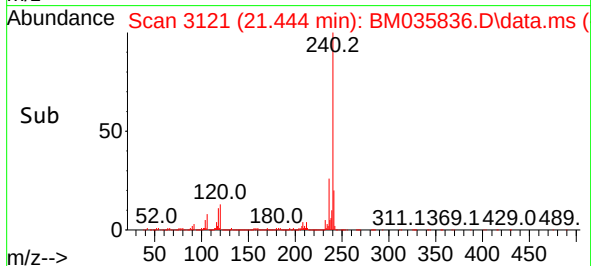
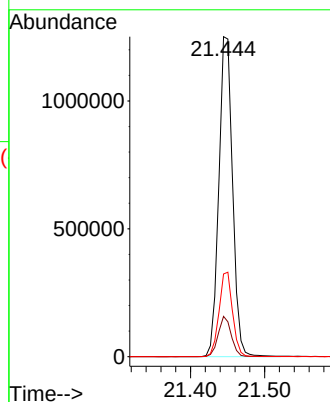
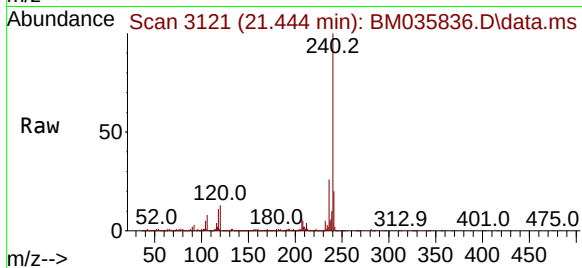
Tgt Ion:240 Resp: 1612258

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

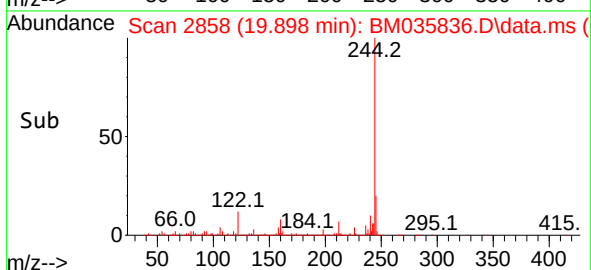
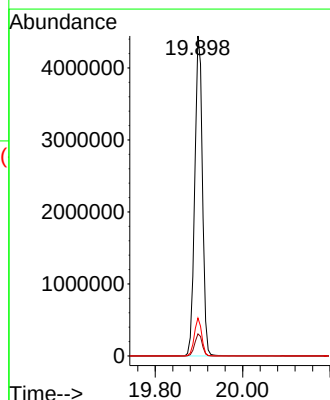
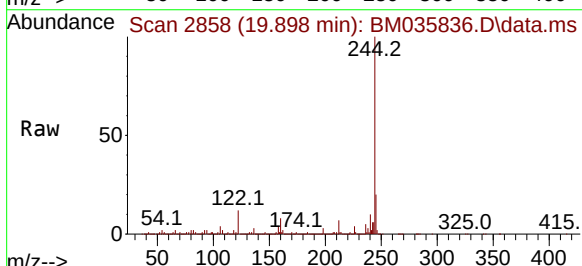
Tgt Ion:244 Resp: 5422959

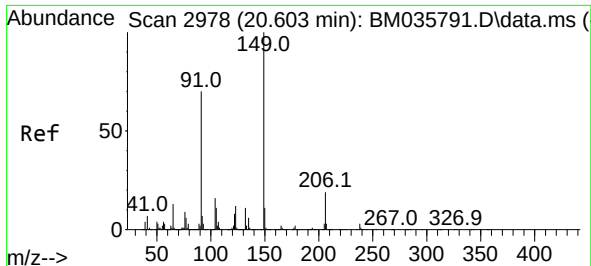
Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.4

122 11.9 8.3 12.5

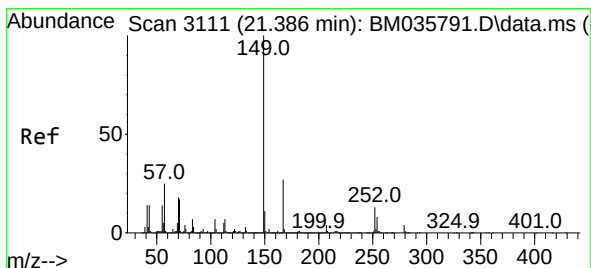
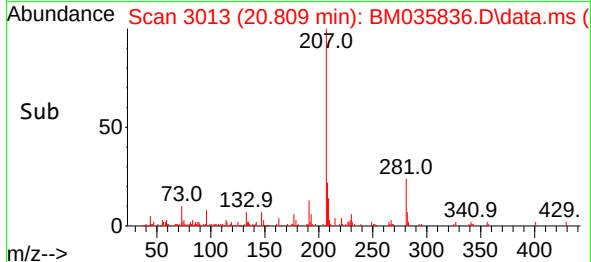
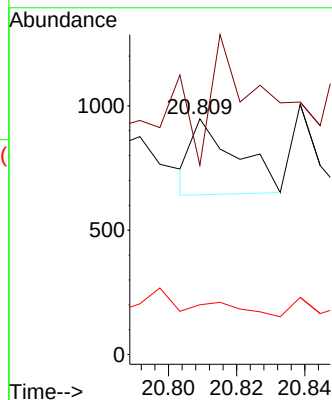
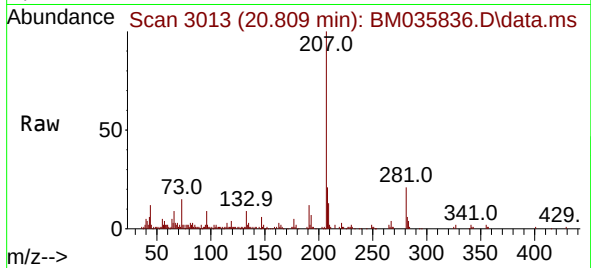




#80
Butylbenzylphthalate
Concen: 4.168 ng
RT: 20.809 min Scan# 3109
Delta R.T. 0.206 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

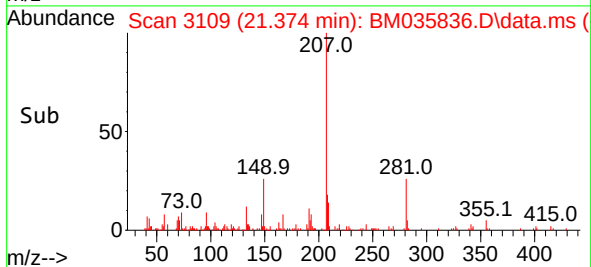
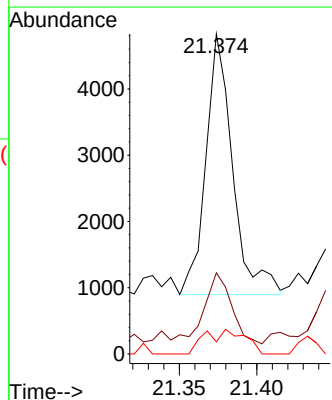
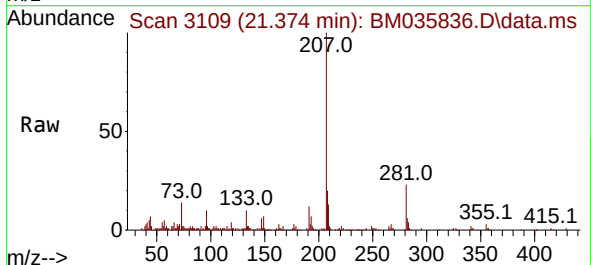
Instrument :
BNA_M
ClientSampleId :
AWOM-12-12.5

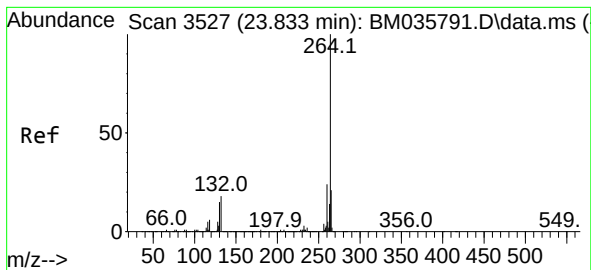
Tgt Ion:149 Resp: 278
Ion Ratio Lower Upper
149 100
91 80.3 56.6 85.0
206 21.1 15.4 23.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.316 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.012 min
Lab File: BM035836.D
Acq: 15 Jul 2022 18:50

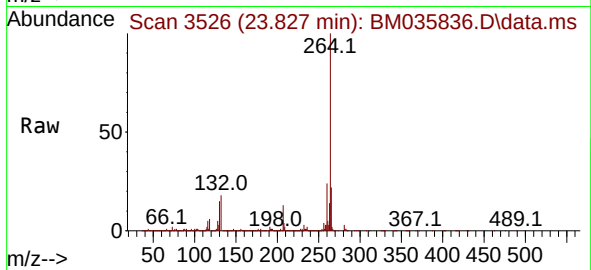
Tgt Ion:149 Resp: 4740
Ion Ratio Lower Upper
149 100
167 25.3 21.1 31.7
279 3.8 2.8 4.2





#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

