

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
 Data File : BM038797.D
 Acq On : 20 Feb 2023 21:27
 Operator : CG/JU
 Sample : 01597-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NYE-WATER-0217

Quant Time: Feb 21 02:10:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 21 02:04:34 2023
 Response via : Initial Calibration

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

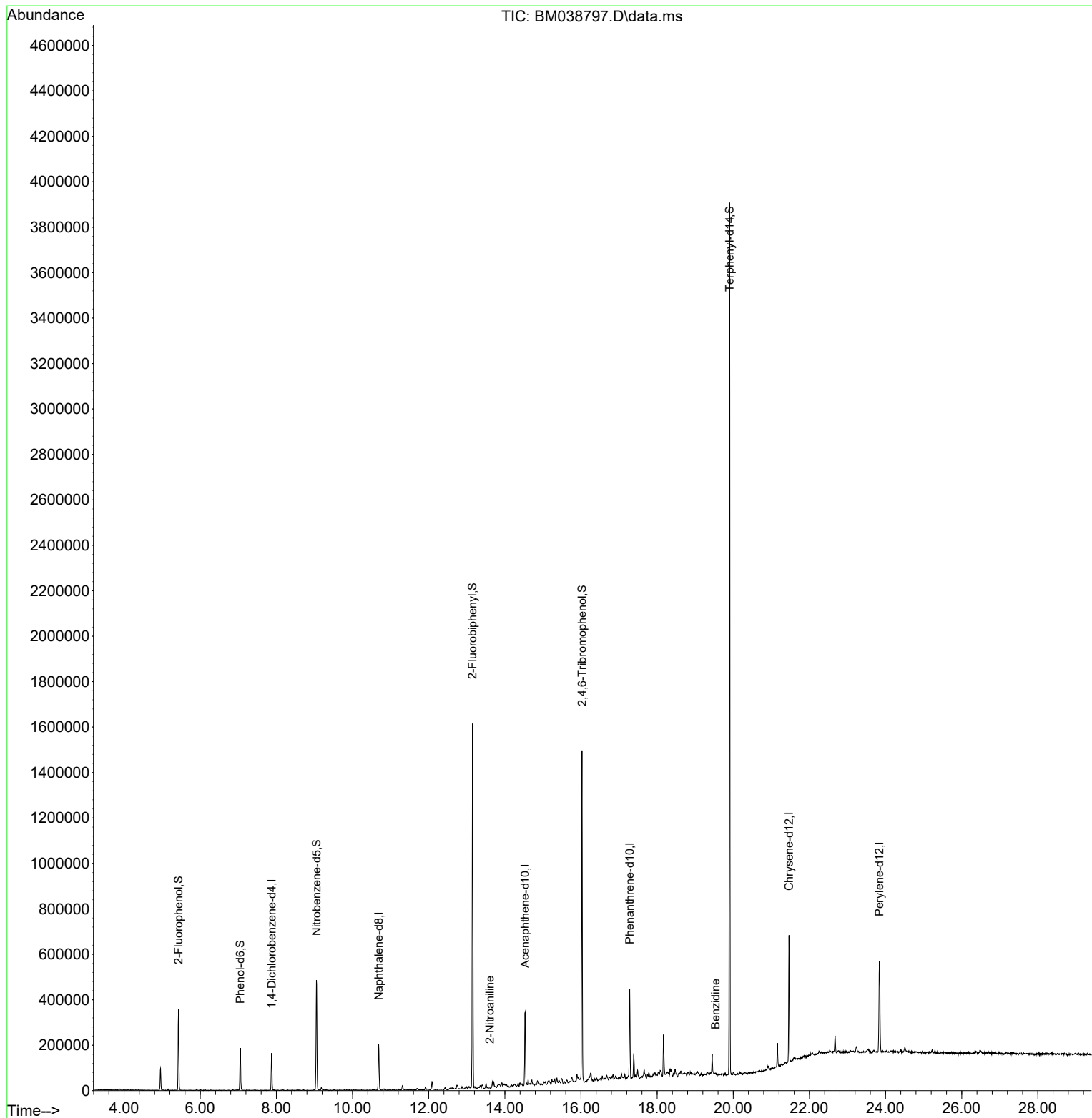
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	44497	20.000	ng	0.00
21) Naphthalene-d8	10.687	136	163530	20.000	ng	# 0.00
39) Acenaphthene-d10	14.533	164	103496	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	217500	20.000	ng	# 0.00
76) Chrysene-d12	21.462	240	222542	20.000	ng	0.00
86) Perylene-d12	23.839	264	279225	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	154500	68.016	ng	0.00
7) Phenol-d6	7.051	99	108604	41.920	ng	0.00
23) Nitrobenzene-d5	9.051	82	269468	93.597	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	233702	166.130	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	755506	92.934	ng	0.00
79) Terphenyl-d14	19.904	244	1488291	118.016	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.610	65	204	2.304	ng	# 1
77) Benzidine	19.539	184	131	3.132	ng	# 1

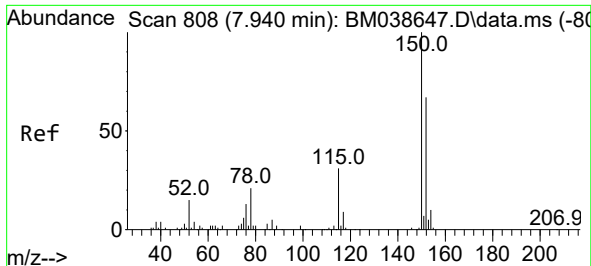
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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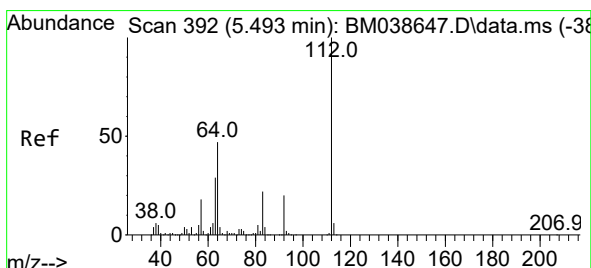
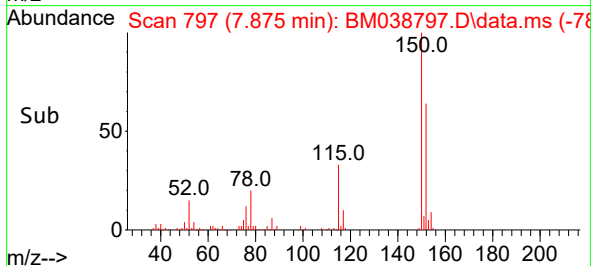
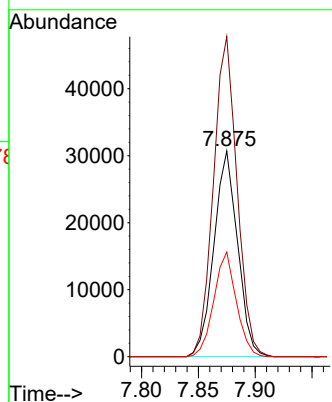
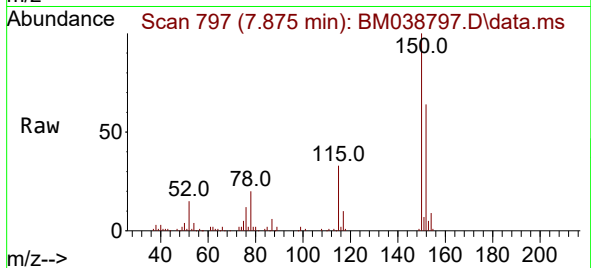




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM038797.D
Acq: 20 Feb 2023 21:27

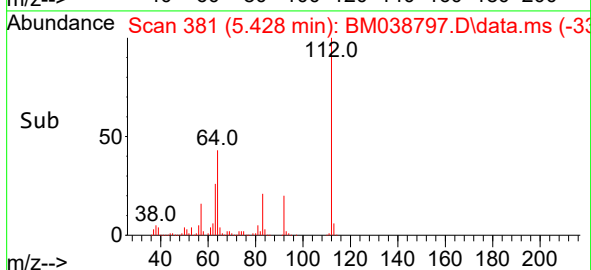
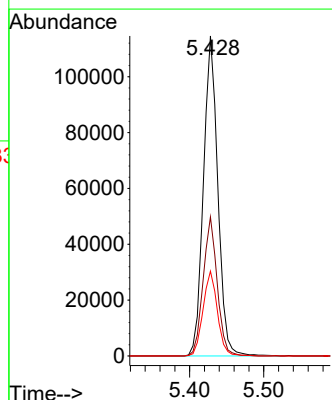
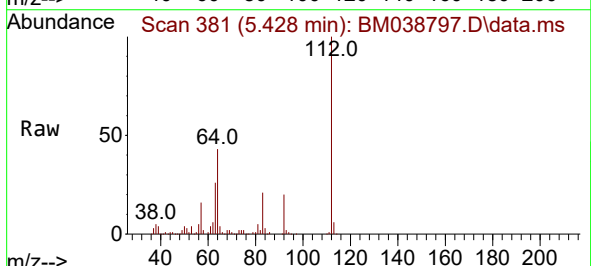
Instrument :
BNA_M
ClientSampleId :
NYE-WATER-0217

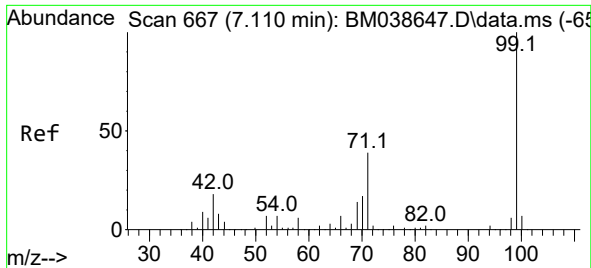
Tgt Ion:152 Resp: 44497
Ion Ratio Lower Upper
152 100
150 155.5 119.5 179.3
115 50.9 37.6 56.4



#5
2-Fluorophenol
Concen: 68.016 ng
RT: 5.428 min Scan# 381
Delta R.T. -0.006 min
Lab File: BM038797.D
Acq: 20 Feb 2023 21:27

Tgt Ion:112 Resp: 154500
Ion Ratio Lower Upper
112 100
64 43.5 37.9 56.9
63 26.5 23.3 34.9

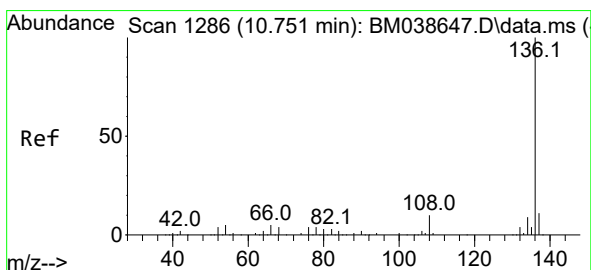
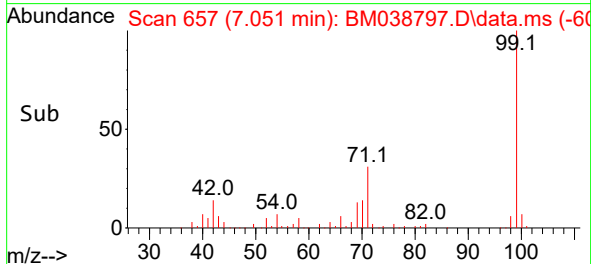
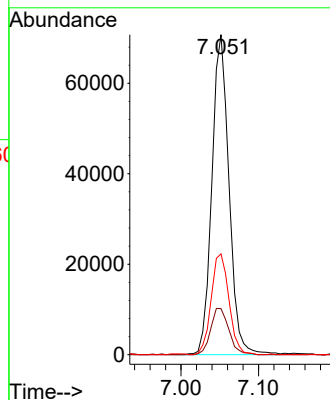
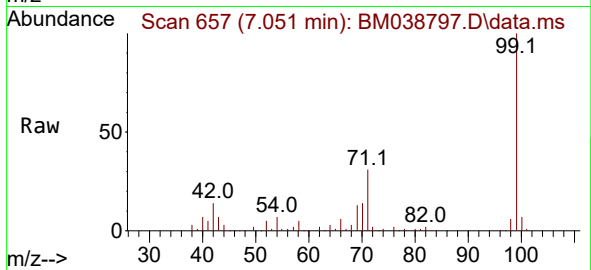




#7
Phenol-d6
Concen: 41.920 ng
RT: 7.051 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038797.D
Acq: 20 Feb 2023 21:27

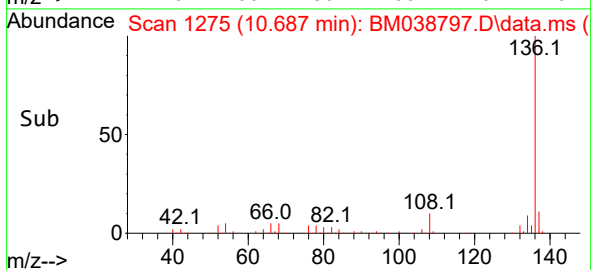
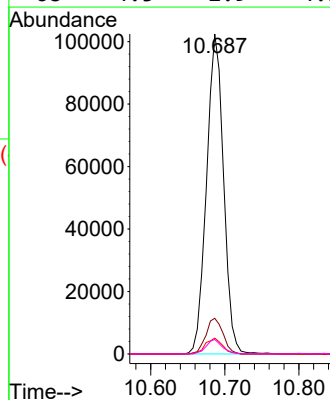
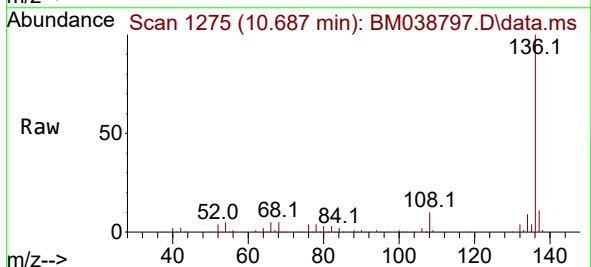
Instrument :
BNA_M
ClientSampleId :
NYE-WATER-0217

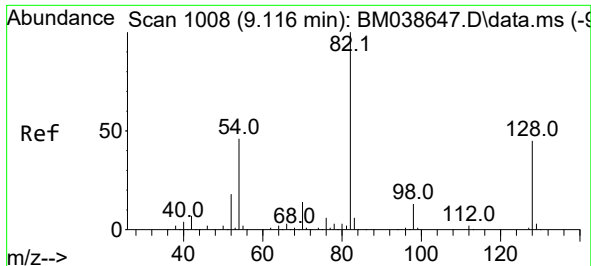
Tgt Ion: 99 Resp: 108604
Ion Ratio Lower Upper
99 100
42 14.4 14.6 22.0#
71 31.5 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BM038797.D
Acq: 20 Feb 2023 21:27

Tgt Ion:136 Resp: 163530
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 4.9 4.2 6.4
68 4.5 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 93.597 ng

RT: 9.051 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM038797.D

Acq: 20 Feb 2023 21:27

Instrument :

BNA_M

ClientSampleId :

NYE-WATER-0217

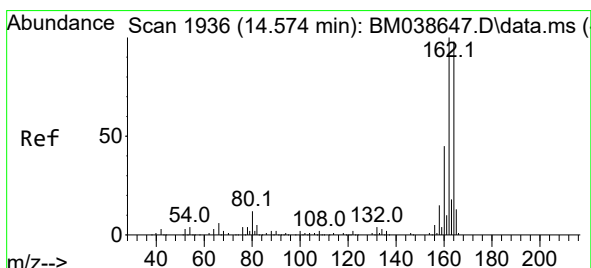
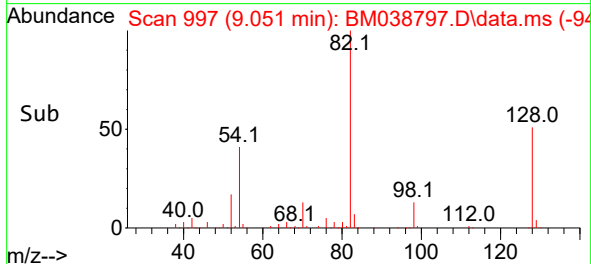
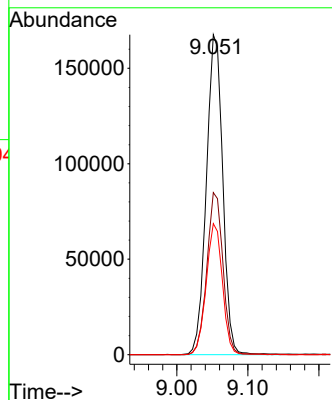
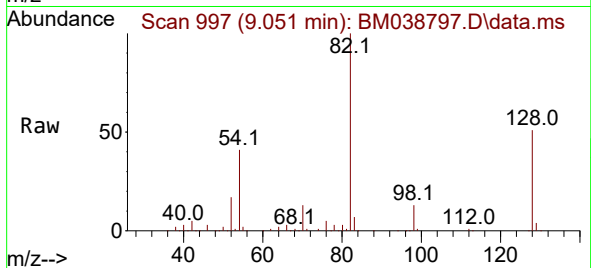
Tgt Ion: 82 Resp: 269468

Ion Ratio Lower Upper

82 100

128 50.7 36.0 54.0

54 41.0 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.533 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BM038797.D

Acq: 20 Feb 2023 21:27

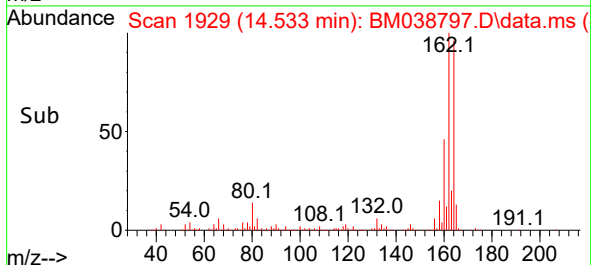
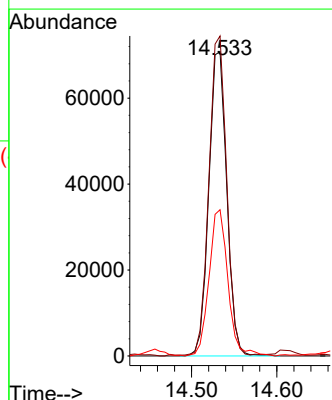
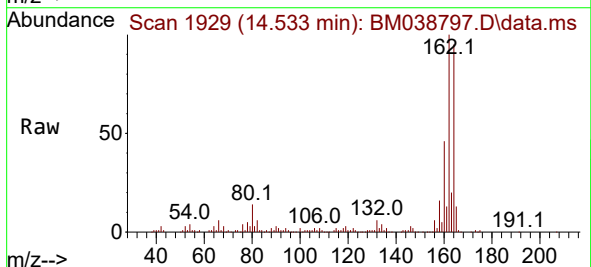
Tgt Ion: 164 Resp: 103496

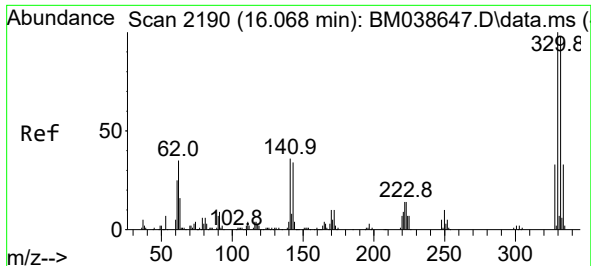
Ion Ratio Lower Upper

164 100

162 105.2 81.4 122.0

160 48.1 36.5 54.7

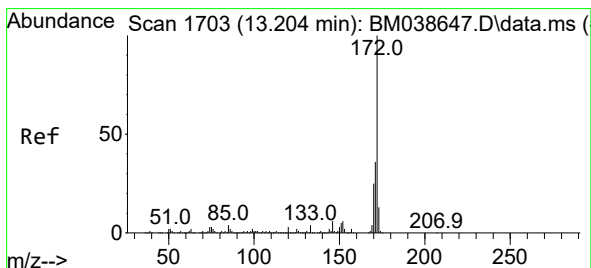
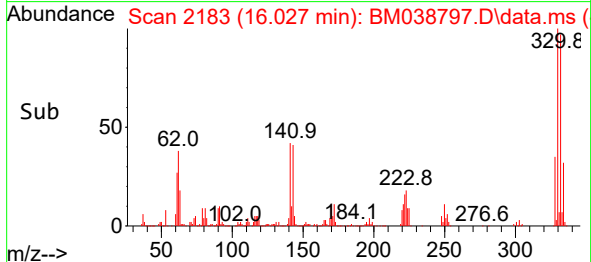
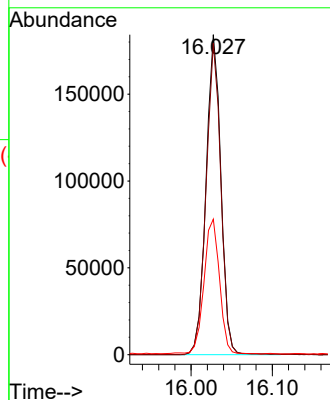
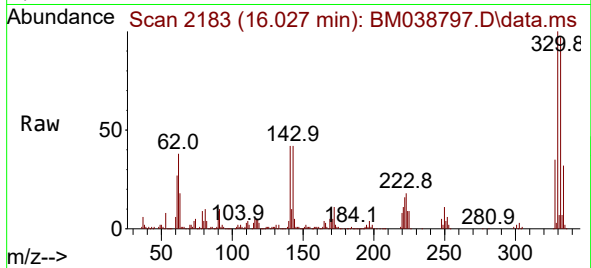




#42
2,4,6-Tribromophenol
Concen: 166.130 ng
RT: 16.027 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM038797.D
Acq: 20 Feb 2023 21:27

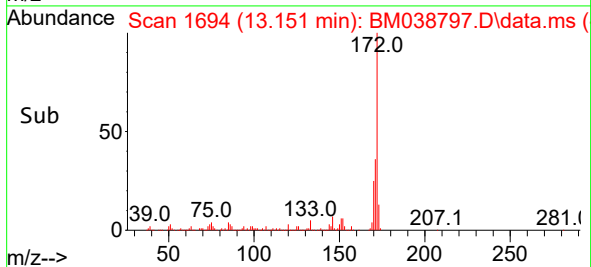
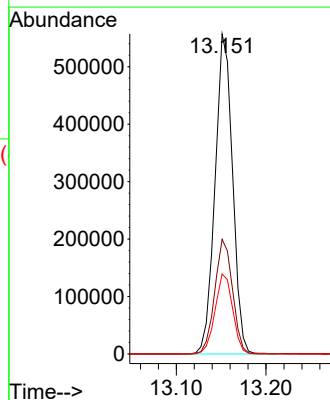
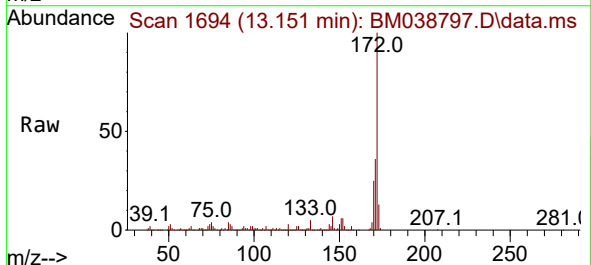
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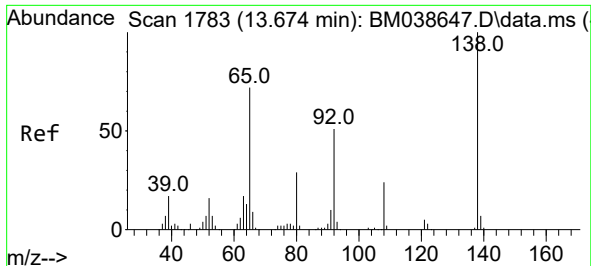
Tgt Ion:330 Resp: 233702
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.6
141 44.4 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 92.934 ng
RT: 13.151 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM038797.D
Acq: 20 Feb 2023 21:27

Tgt Ion:172 Resp: 755506
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 25.0 20.0 30.0

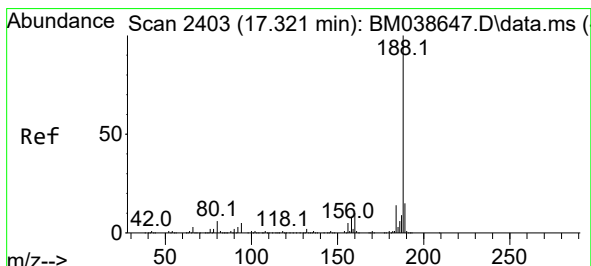
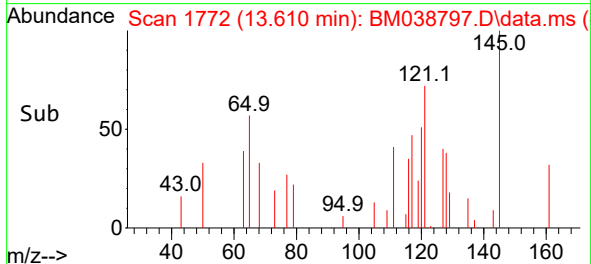
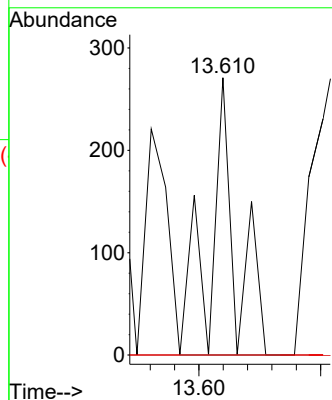
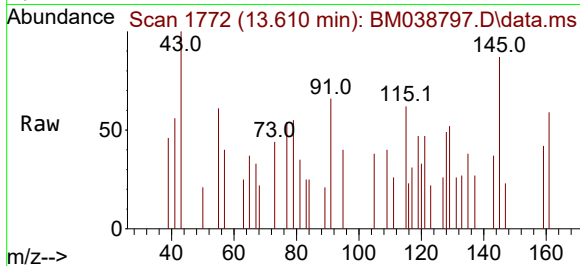




#48
2-Nitroaniline
Concen: 2.304 ng
RT: 13.610 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM038797.D
Acq: 20 Feb 2023 21:27

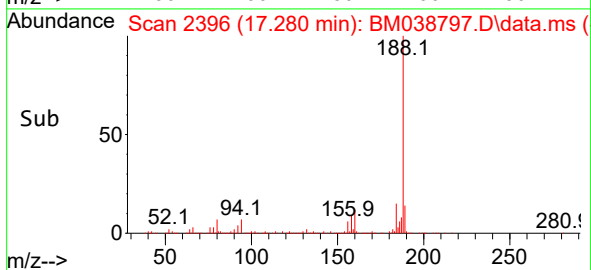
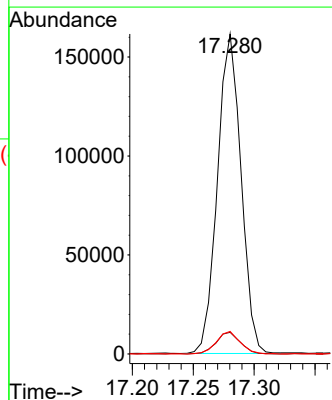
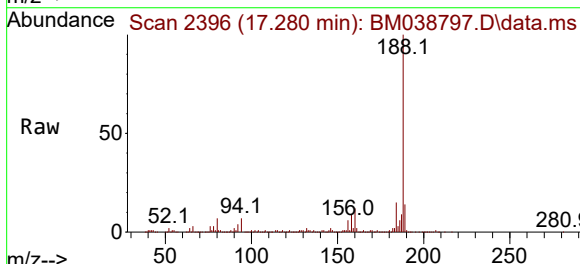
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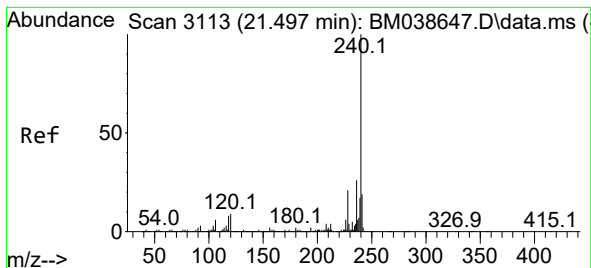
Tgt Ion: 65 Resp: 204
Ion Ratio Lower Upper
65 100
92 0.0 55.9 83.9#
138 0.0 110.6 166.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BM038797.D
Acq: 20 Feb 2023 21:27

Tgt Ion:188 Resp: 217500
Ion Ratio Lower Upper
188 100
94 6.8 4.2 6.4#
80 7.1 4.6 7.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.462 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM038797.D

Acq: 20 Feb 2023 21:27

Instrument :

BNA_M

ClientSampleId :

NYE-WATER-0217

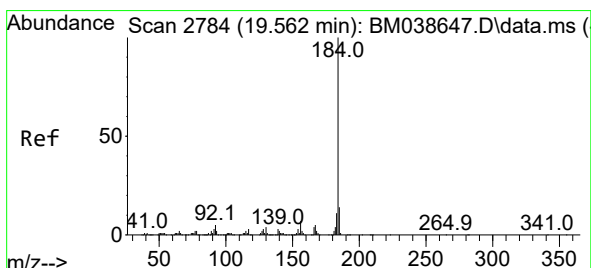
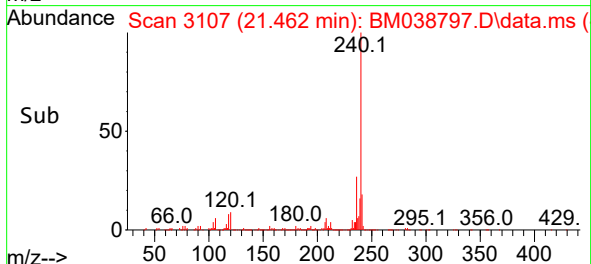
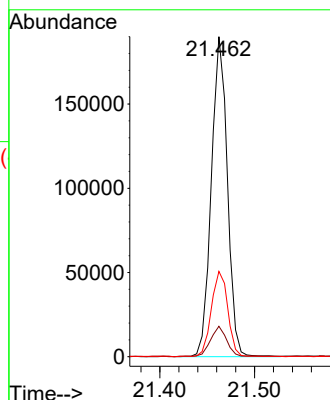
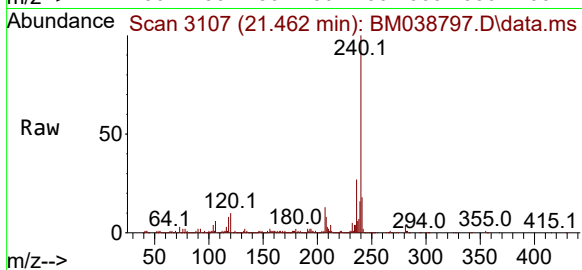
Tgt Ion:240 Resp: 222542

Ion Ratio Lower Upper

240 100

120 9.5 7.0 10.4

236 26.7 20.9 31.3



#77

Benzidine

Concen: 3.132 ng

RT: 19.539 min Scan# 2780

Delta R.T. 0.000 min

Lab File: BM038797.D

Acq: 20 Feb 2023 21:27

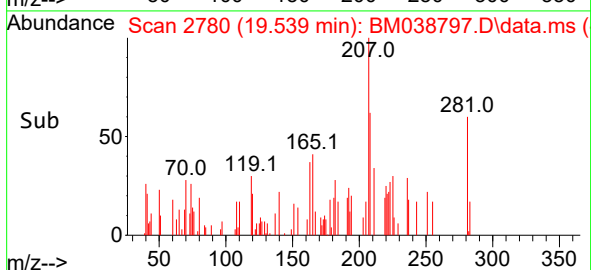
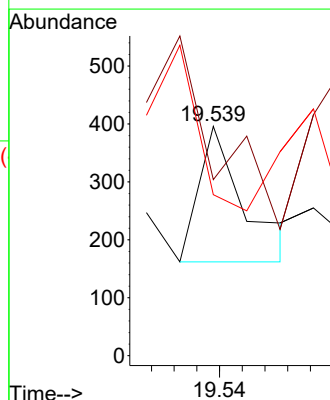
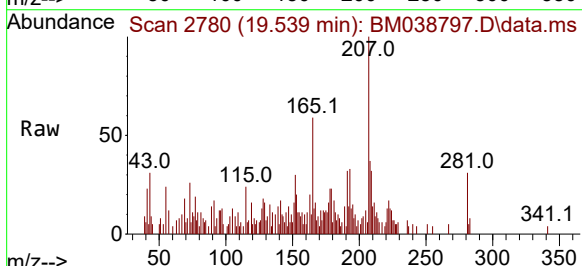
Tgt Ion:184 Resp: 131

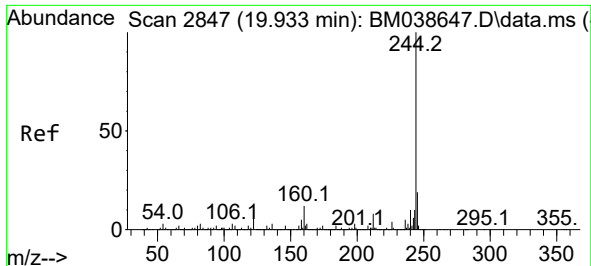
Ion Ratio Lower Upper

184 100

185 76.8 10.8 16.2#

183 70.2 8.8 13.2#

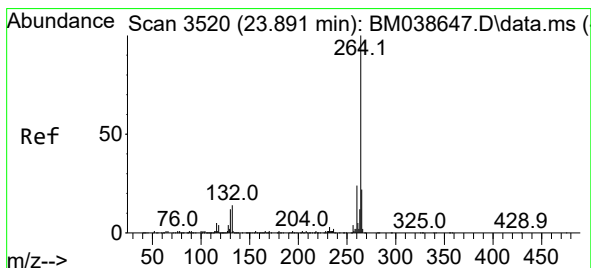
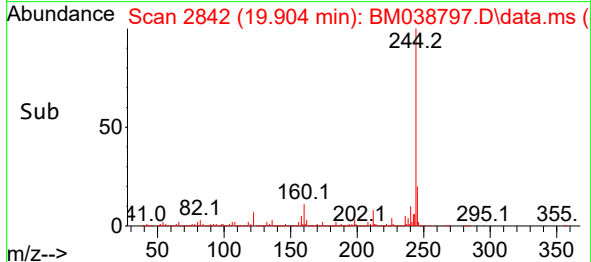
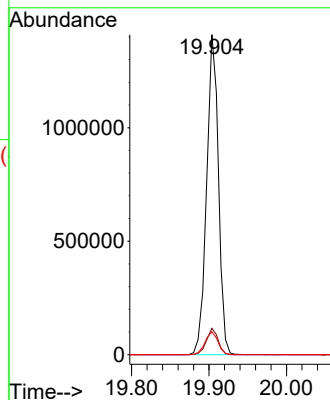
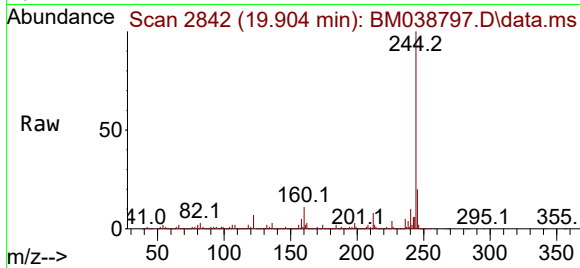




#79
 Terphenyl-d14
 Concen: 118.016 ng
 RT: 19.904 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM038797.D
 Acq: 20 Feb 2023 21:27

Instrument :
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Tgt Ion:244 Resp: 1488291
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 7.2 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.839 min Scan# 3511
 Delta R.T. -0.012 min
 Lab File: BM038797.D
 Acq: 20 Feb 2023 21:27

Tgt Ion:264 Resp: 279225
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.6 29.4
 265 22.7 17.9 26.9

