

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
 Data File : BM039400.D
 Acq On : 11 Apr 2023 19:15
 Operator : CG/JU
 Sample : 02257-03 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ELI-WATER-0407

Quant Time: Apr 12 01:40:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 11 16:05:42 2023
 Response via : Initial Calibration

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

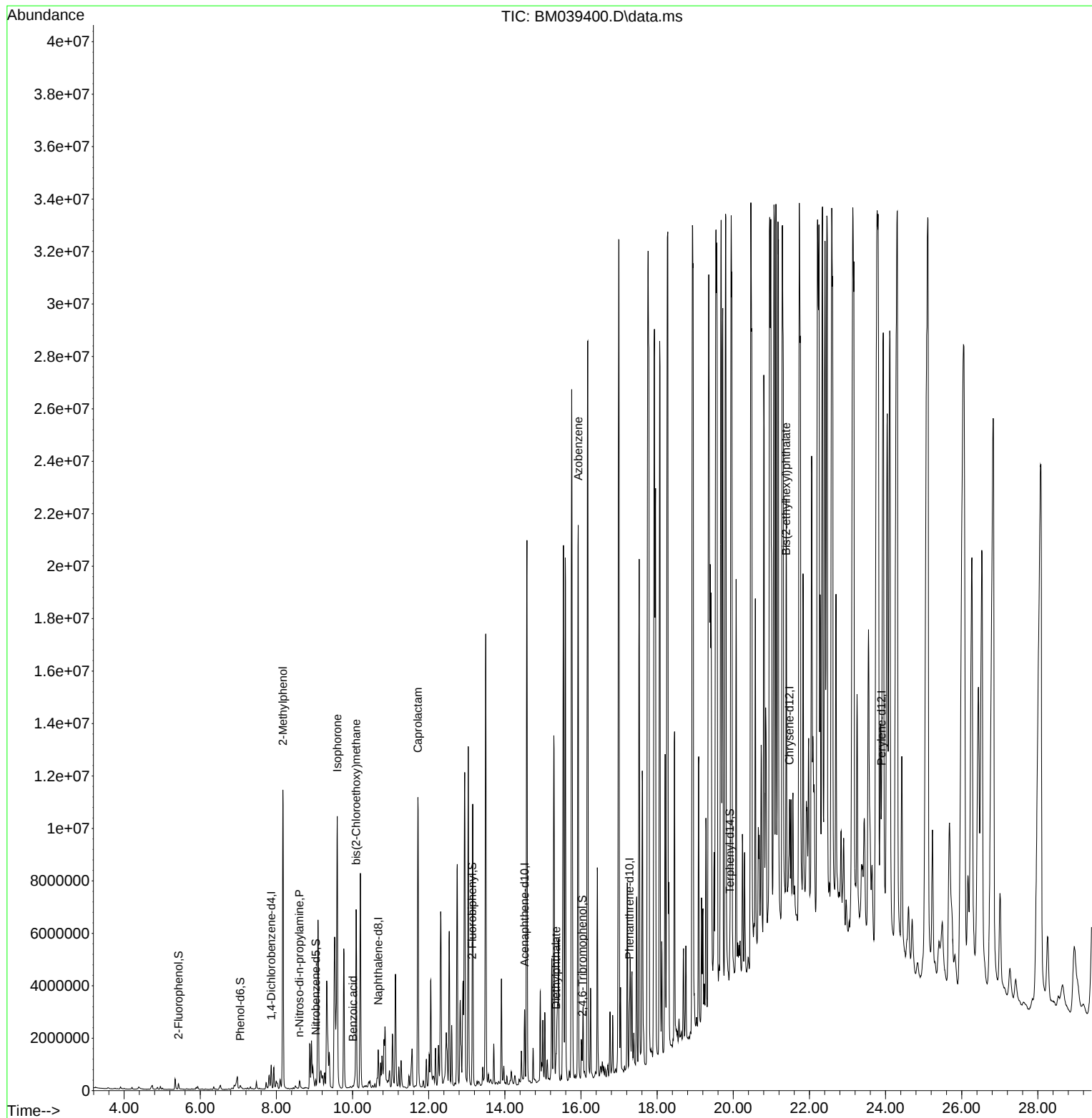
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	257330	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1087038	20.000	ng	0.00
39) Acenaphthene-d10	14.521	164	654553	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	1351589	20.000	ng	0.00
76) Chrysene-d12	21.474	240	1107565	20.000	ng	0.01
86) Perylene-d12	23.891	264	1212012	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	114391	6.697	ng	0.00
7) Phenol-d6	7.051	99	96613	4.373	ng	0.02
23) Nitrobenzene-d5	9.034	82	186889	8.356	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	103513	12.458	ng	0.02
45) 2-Fluorobiphenyl	13.139	172	505919	10.472	ng	0.00
79) Terphenyl-d14	19.909	244	692452	11.551	ng	0.01
Target Compounds						Qvalue
17) 2-Methylphenol	8.169	107	92355	5.962	ng	# 1
19) n-Nitroso-di-n-propyla...	8.604	70	36751	2.602	ng	# 60
25) Isophorone	9.598	82	121806	2.919	ng	# 71
28) bis(2-Chloroethoxy)met...	10.092	93	256447	10.153	ng	# 1
32) Benzoic acid	10.010	122	36296	2.725	ng	# 98
35) Caprolactam	11.716	113	25950	4.483	ng	# 1
60) Diethylphthalate	15.345	149	156917	3.091	ng	# 99
63) Azobenzene	15.927	77	922791	18.140	ng	# 52
84) Bis(2-ethylhexyl)phtha...	21.386	149	421329	7.898	ng	# 97

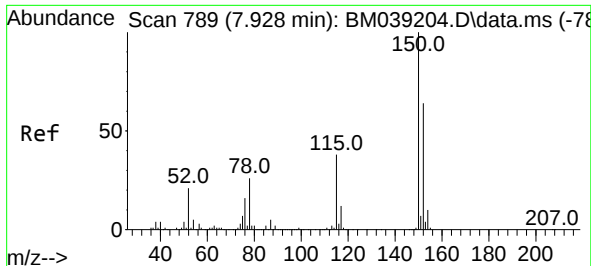
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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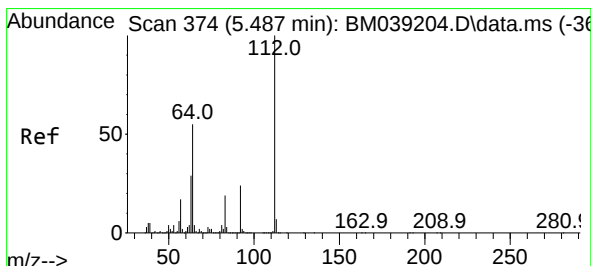
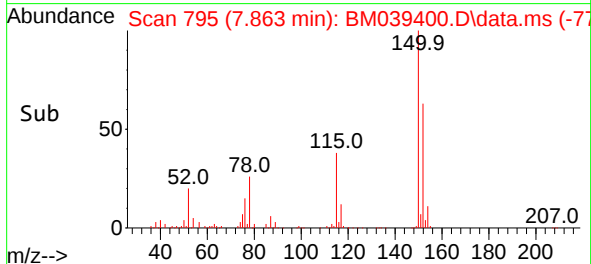
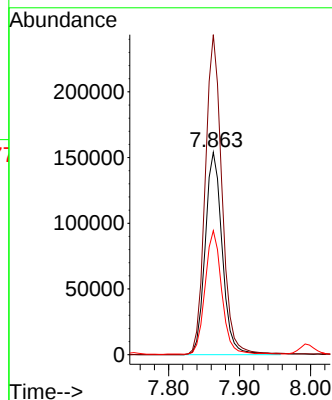
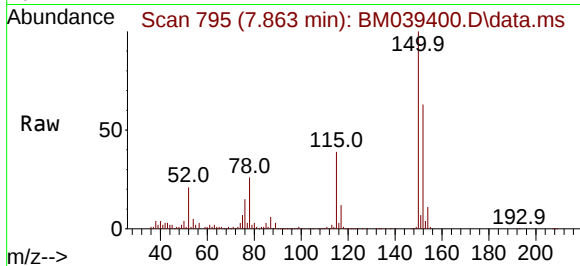




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 795
Delta R.T. 0.000 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

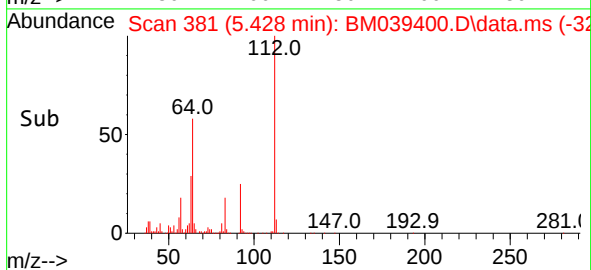
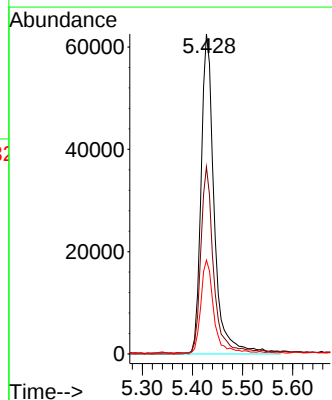
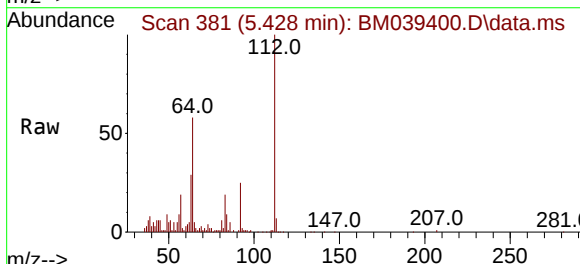
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BNA_M
ClientSampleId :
ELI-WATER-0407

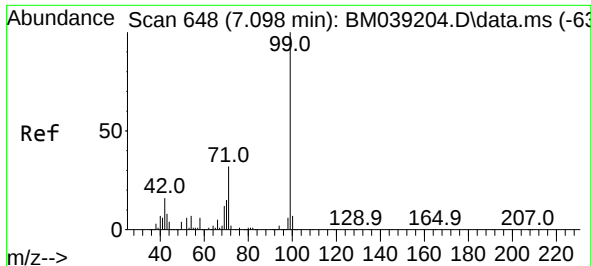
Tgt Ion:152 Resp: 257330
Ion Ratio Lower Upper
152 100
150 158.1 125.5 188.3
115 61.3 48.1 72.1



#5
2-Fluorophenol
Concen: 6.697 ng
RT: 5.428 min Scan# 381
Delta R.T. 0.006 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

Tgt Ion:112 Resp: 114391
Ion Ratio Lower Upper
112 100
64 58.5 44.3 66.5
63 29.3 23.0 34.6

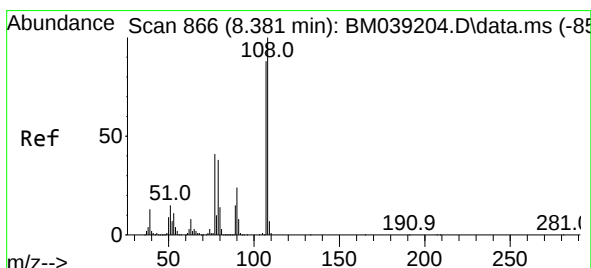
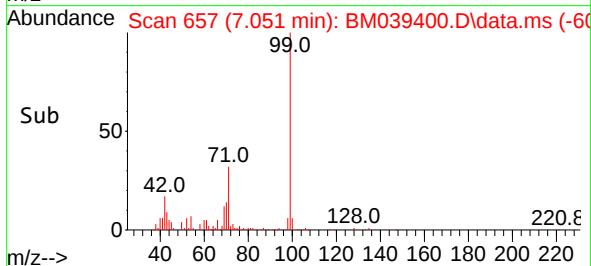
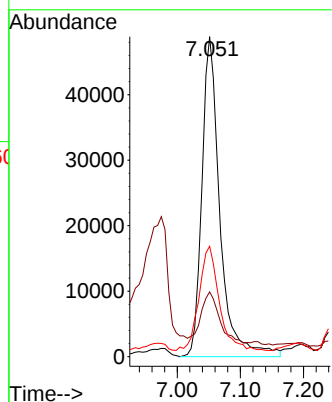
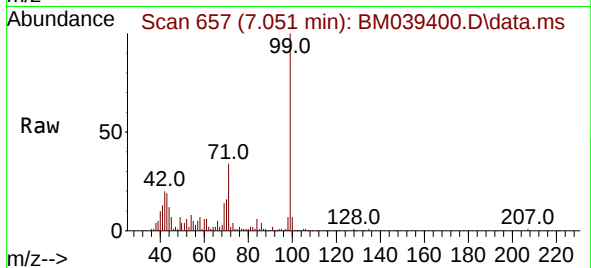




#7
Phenol-d6
Concen: 4.373 ng
RT: 7.051 min Scan# 61
Delta R.T. 0.018 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

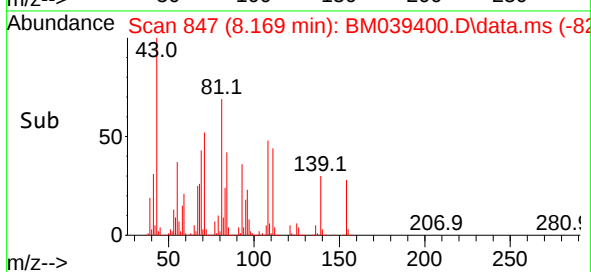
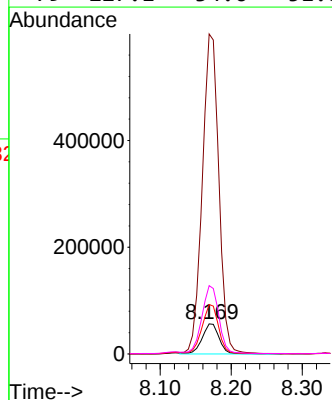
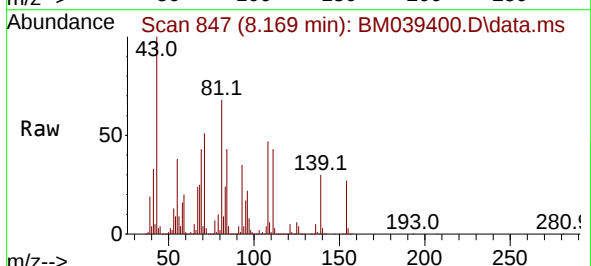
Instrument :
BNA_M
ClientSampleId :
ELI-WATER-0407

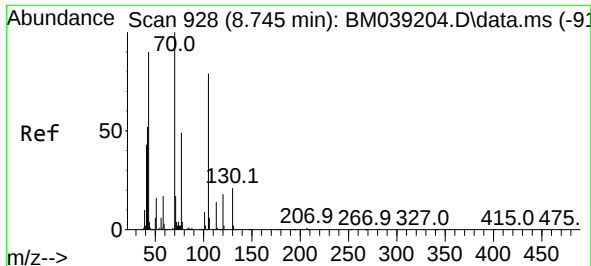
Tgt Ion: 99 Resp: 96613
Ion Ratio Lower Upper
99 100
42 20.3 13.0 19.6#
71 34.5 25.5 38.3



#17
2-Methylphenol
Concen: 5.962 ng
RT: 8.169 min Scan# 847
Delta R.T. -0.147 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

Tgt Ion: 107 Resp: 92355
Ion Ratio Lower Upper
107 100
108 1063.6 90.6 136.0#
77 164.2 37.0 55.4#
79 227.1 34.6 51.8#

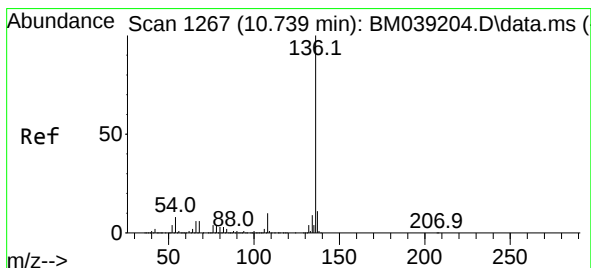
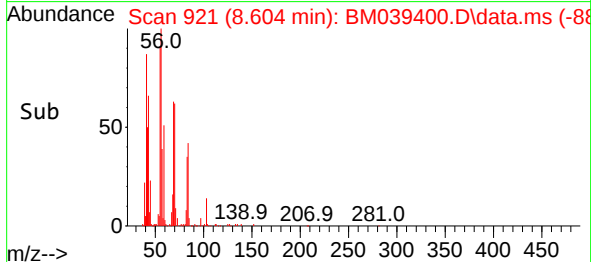
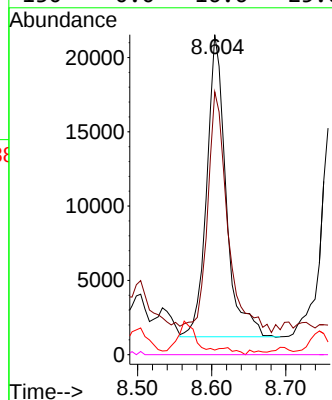
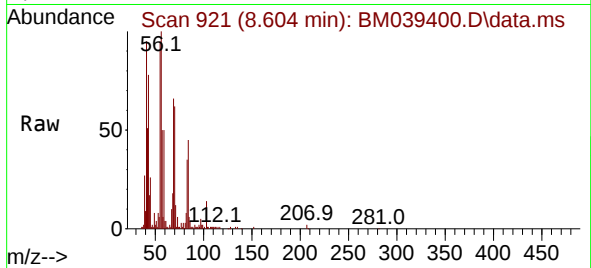




#19
n-Nitroso-di-n-propylamine
Concen: 2.602 ng
RT: 8.604 min Scan# 91
Delta R.T. -0.076 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

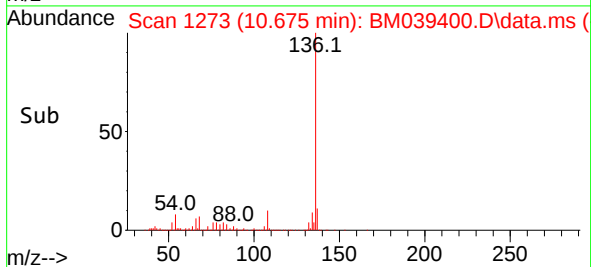
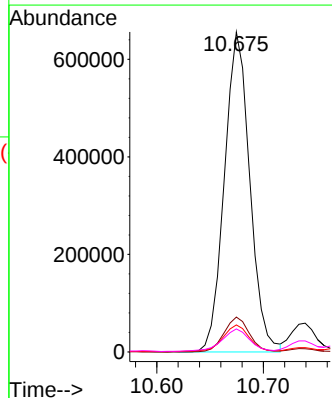
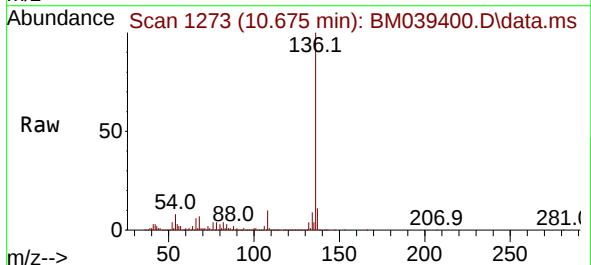
Instrument :
BNA_M
ClientSampleId :
ELI-WATER-0407

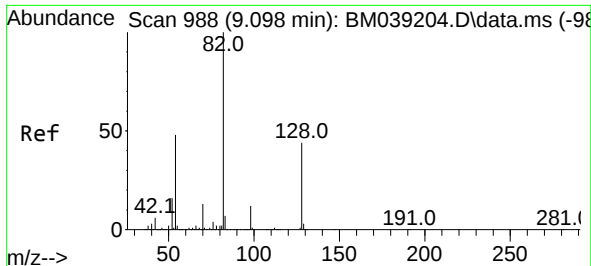
Tgt Ion: 70 Resp: 36751
Ion Ratio Lower Upper
70 100
42 82.2 42.2 63.2#
101 1.4 7.6 11.4#
130 0.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

Tgt Ion: 136 Resp: 1087038
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.4 6.2 9.4
68 7.2 4.9 7.3

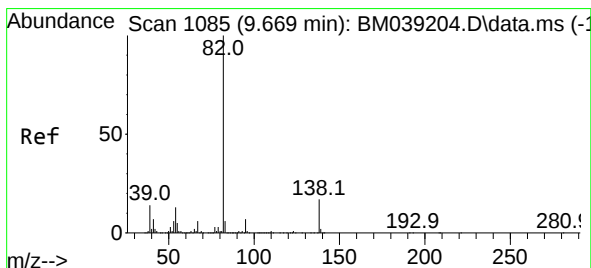
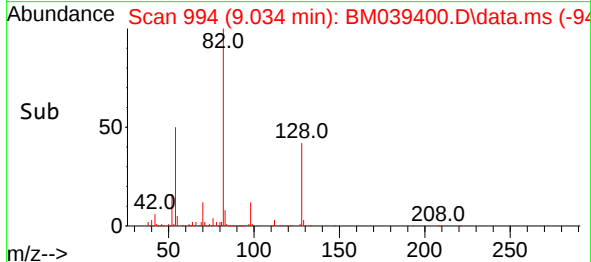
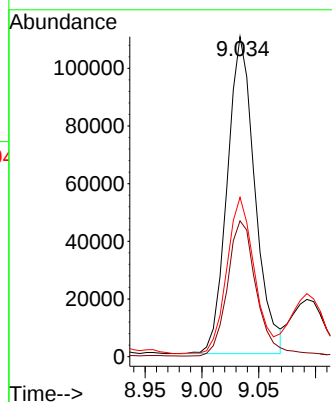
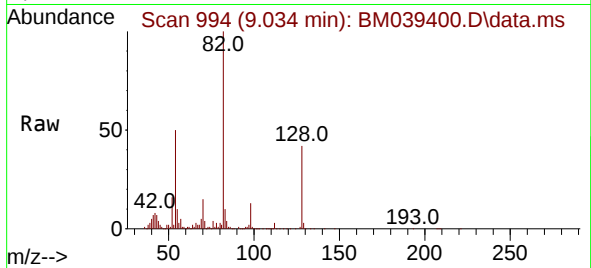




#23
Nitrobenzene-d5
Concen: 8.356 ng
RT: 9.034 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

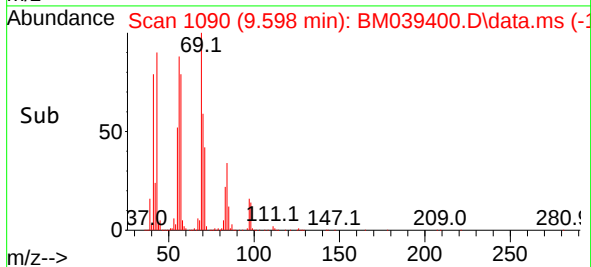
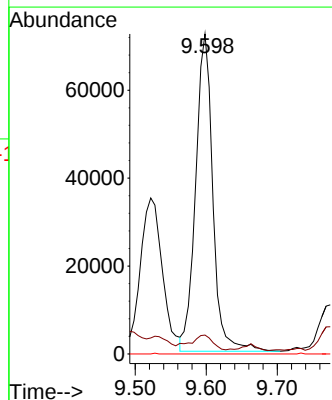
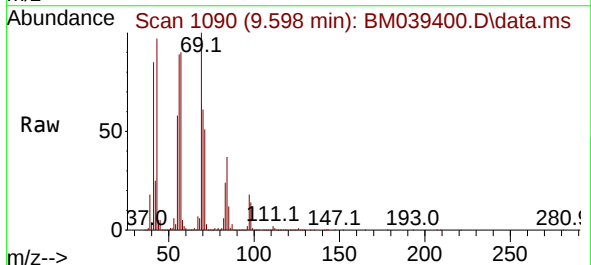
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ClientSampleId :
ELI-WATER-0407

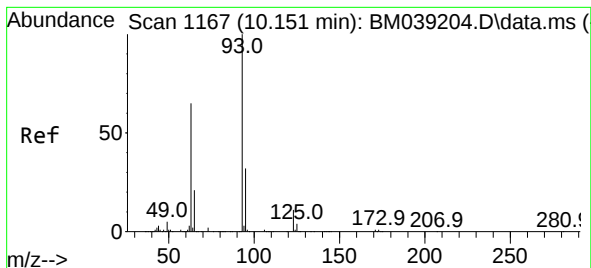
Tgt Ion: 82 Resp: 186889
Ion Ratio Lower Upper
82 100
128 42.4 35.1 52.7
54 49.8 38.5 57.7



#25
Isophorone
Concen: 2.919 ng
RT: 9.598 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

Tgt Ion: 82 Resp: 121806
Ion Ratio Lower Upper
82 100
95 5.9 5.2 7.8
138 0.0 13.5 20.3

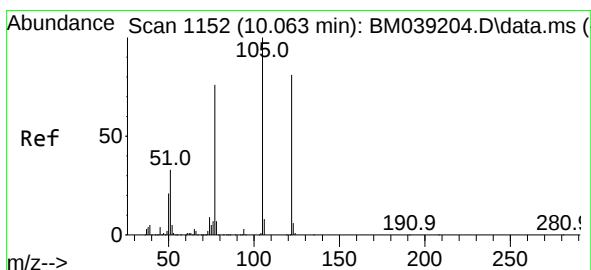
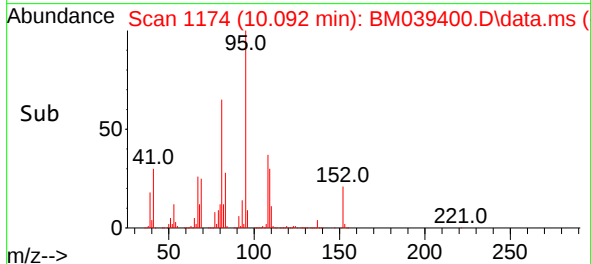
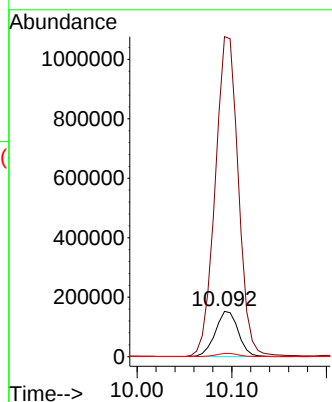
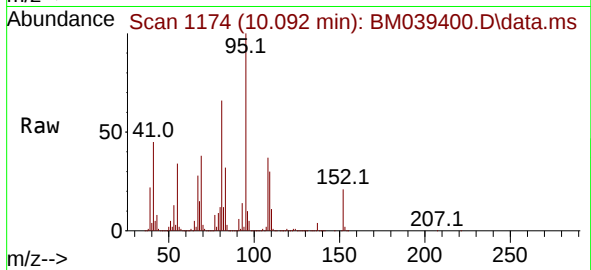




#28
bis(2-Chloroethoxy)methane
Concen: 10.153 ng
RT: 10.092 min Scan# 1160
Delta R.T. 0.006 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

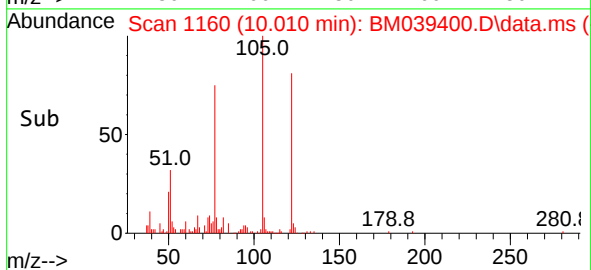
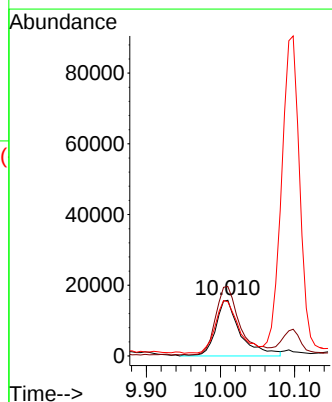
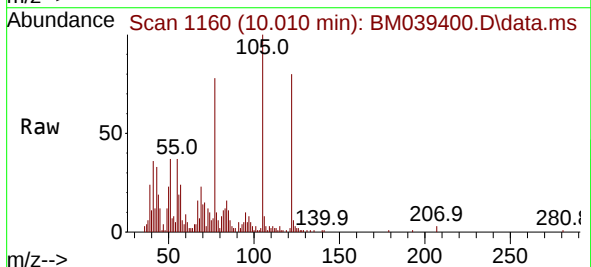
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ClientSampleId :
ELI-WATER-0407

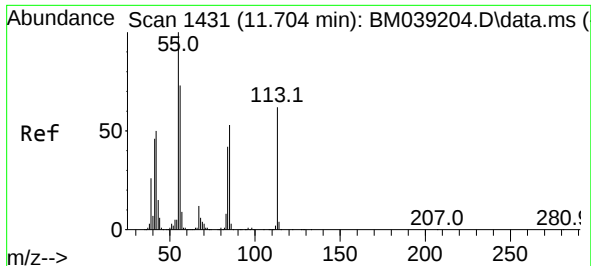
Tgt Ion: 93 Resp: 256447
Ion Ratio Lower Upper
93 100
95 706.6 25.8 38.8#
123 7.3 9.1 13.7#



#32
Benzoic acid
Concen: 2.725 ng
RT: 10.010 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

Tgt Ion:122 Resp: 36296
Ion Ratio Lower Upper
122 100
105 124.6 103.1 143.1
77 97.2 74.6 114.6

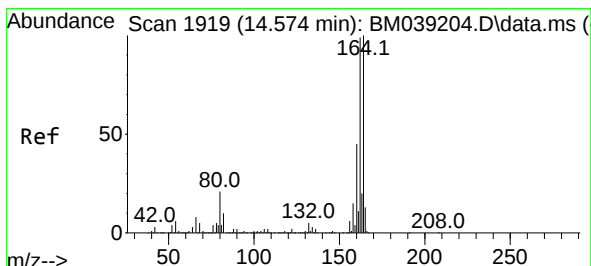
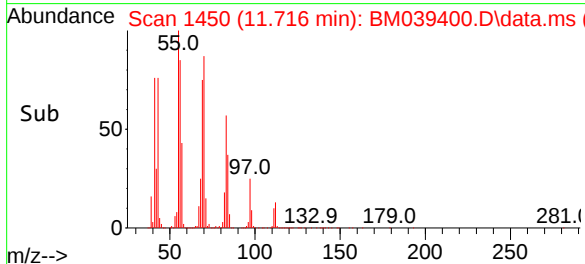
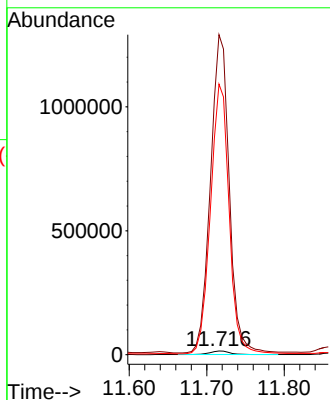
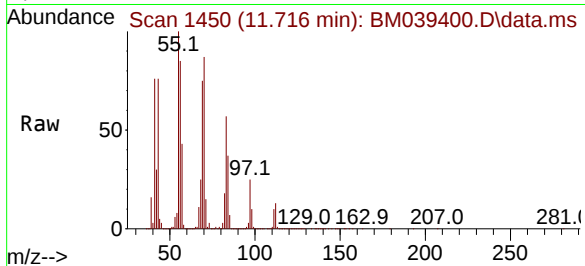




#35
Caprolactam
Concen: 4.483 ng
RT: 11.716 min Scan# 1431
Delta R.T. 0.065 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

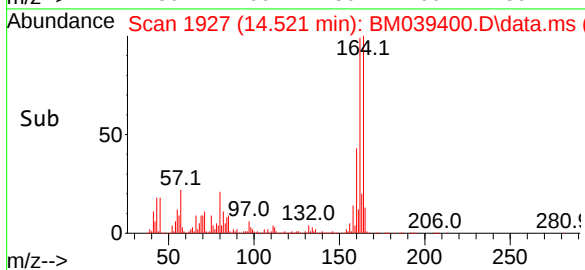
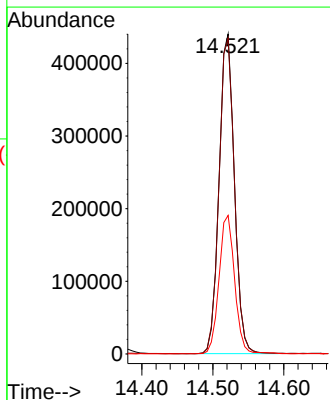
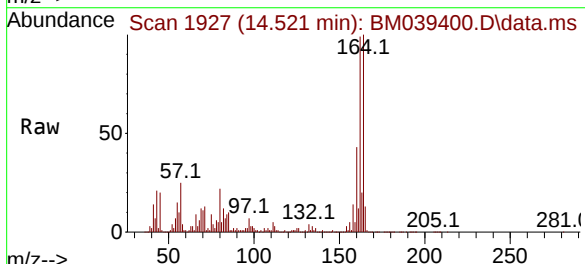
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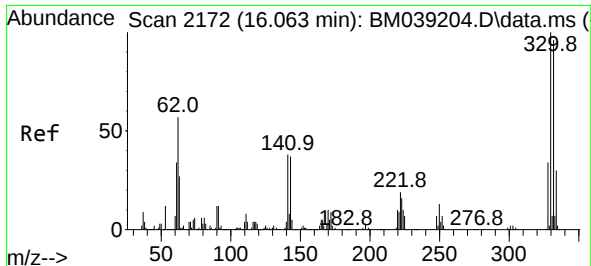
Tgt Ion:113 Resp: 25950
Ion Ratio Lower Upper
113 100
55 8814.1 141.8 181.8#
56 7451.1 98.3 138.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.521 min Scan# 1927
Delta R.T. 0.006 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

Tgt Ion:164 Resp: 654553
Ion Ratio Lower Upper
164 100
162 98.7 79.1 118.7
160 43.3 35.8 53.8

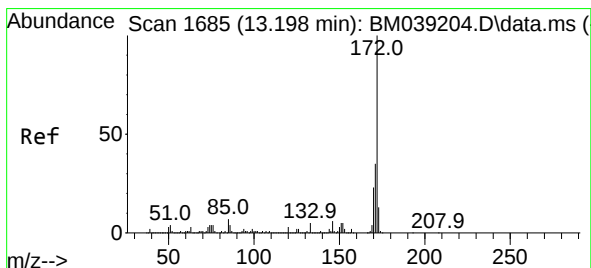
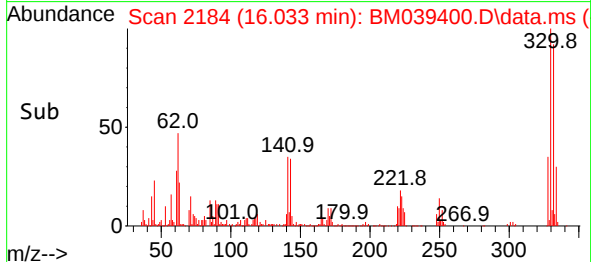
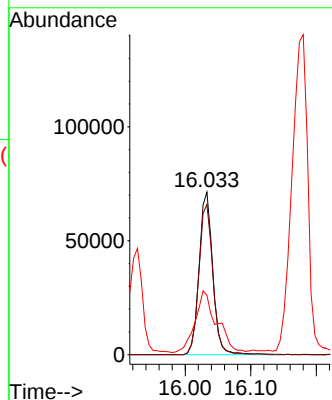
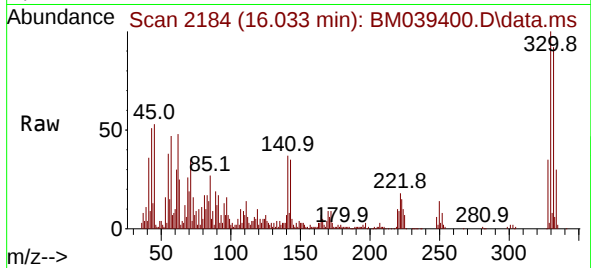




#42
2,4,6-Tribromophenol
Concen: 12.458 ng
RT: 16.033 min Scan# 2172
Delta R.T. 0.018 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

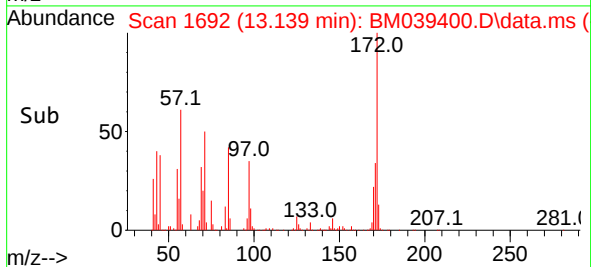
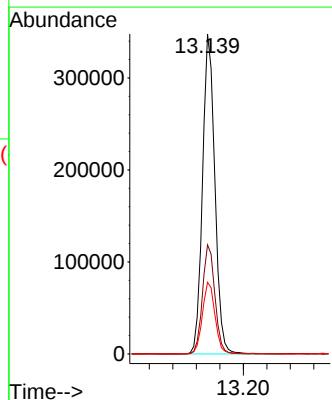
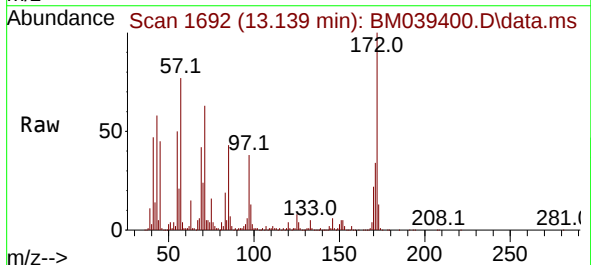
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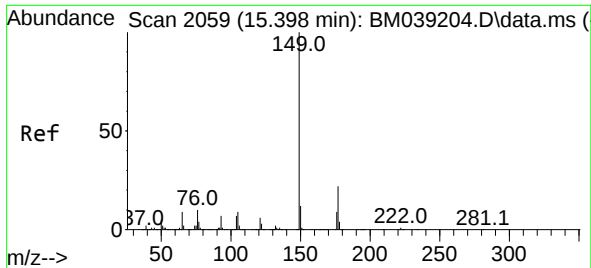
Tgt Ion:330 Resp: 103513
Ion Ratio Lower Upper
330 100
332 95.0 77.4 116.0
141 59.5 29.8 44.6#



#45
2-Fluorobiphenyl
Concen: 10.472 ng
RT: 13.139 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

Tgt Ion:172 Resp: 505919
Ion Ratio Lower Upper
172 100
171 34.1 28.0 42.0
170 22.4 18.7 28.1

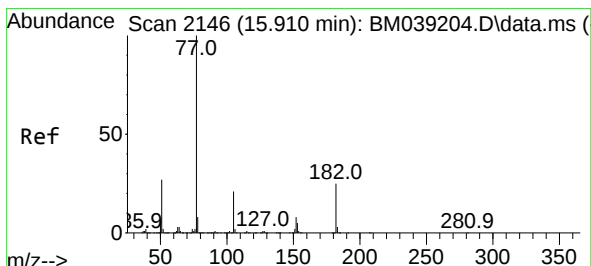
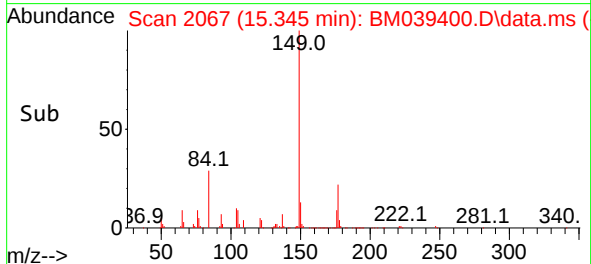
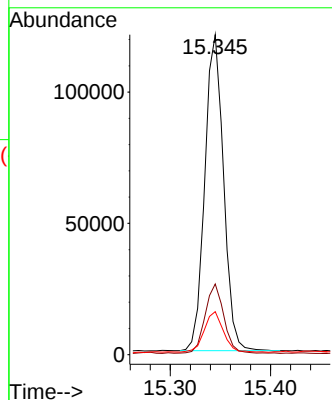
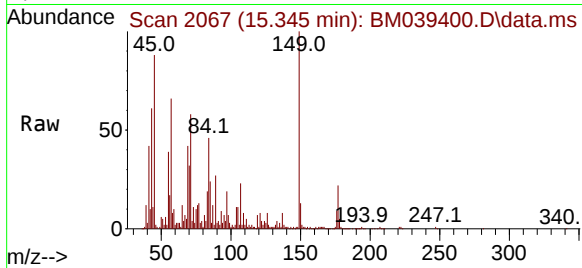




#60
Diethylphthalate
Concen: 3.091 ng
RT: 15.345 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

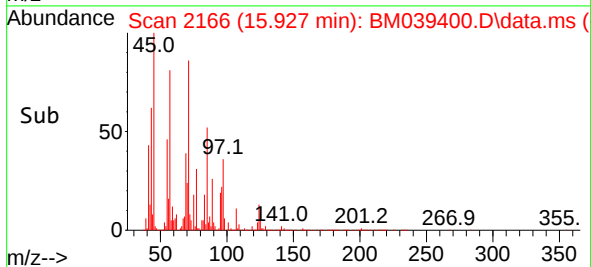
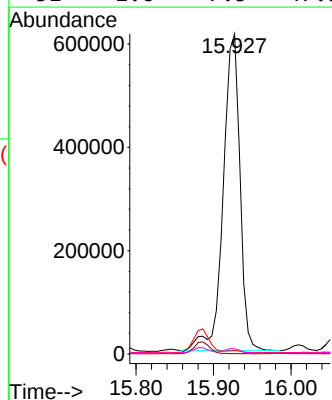
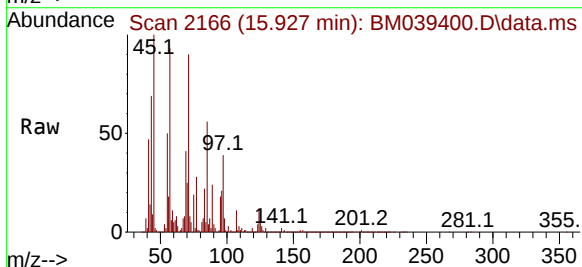
Instrument :
BNA_M
ClientSampleId :
ELI-WATER-0407

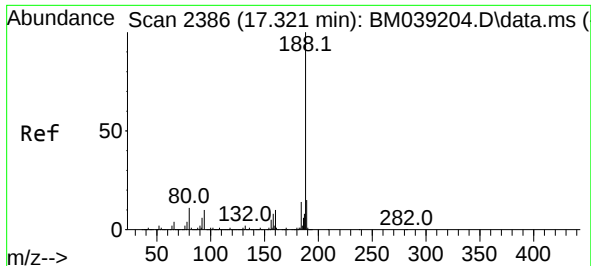
Tgt Ion:149 Resp: 156917
Ion Ratio Lower Upper
149 100
177 22.1 17.7 26.5
150 13.4 9.8 14.6



#63
Azobenzene
Concen: 18.140 ng
RT: 15.927 min Scan# 2166
Delta R.T. 0.071 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

Tgt Ion: 77 Resp: 922791
Ion Ratio Lower Upper
77 100
182 0.1 4.8 44.8#
105 1.1 1.4 41.4#
51 1.6 7.5 47.5#

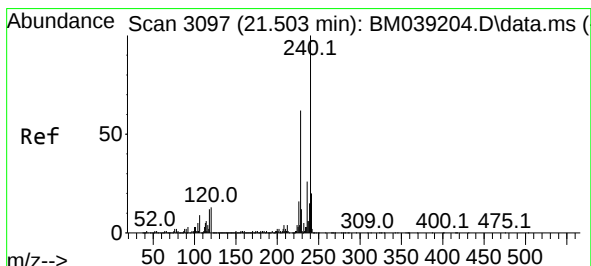
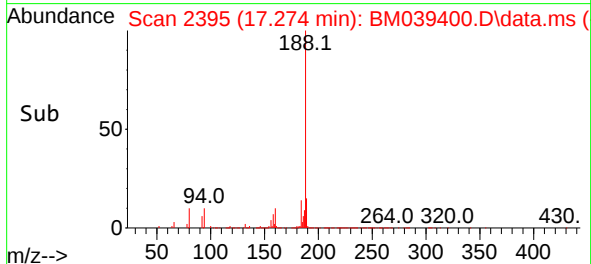
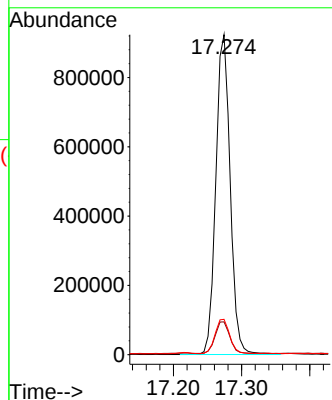
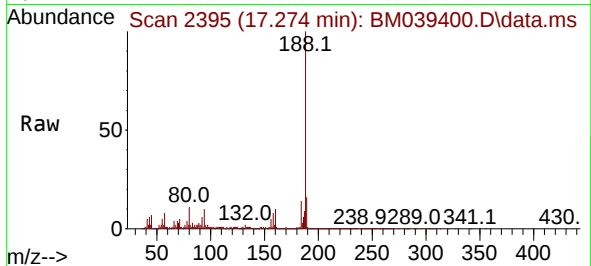




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.274 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

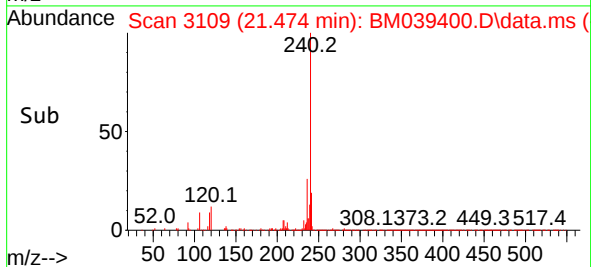
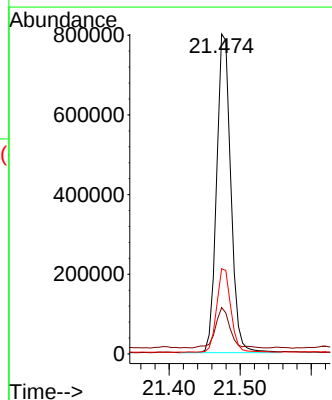
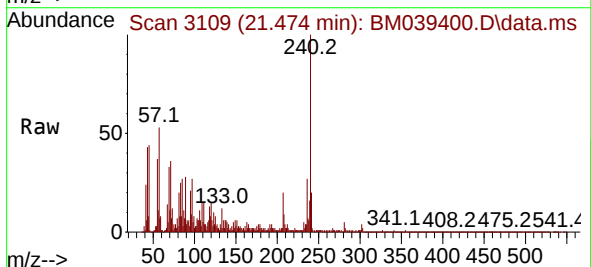
Instrument :
BNA_M
ClientSampleId :
ELI-WATER-0407

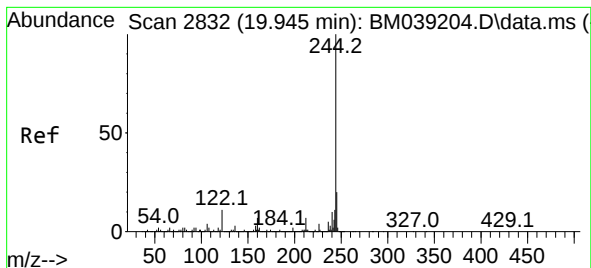
Tgt Ion:188 Resp: 1351589
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.4
80 11.0 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.474 min Scan# 3109
Delta R.T. 0.012 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

Tgt Ion:240 Resp: 1107565
Ion Ratio Lower Upper
240 100
120 14.5 10.2 15.2
236 26.6 20.9 31.3





#79

Terphenyl-d14

Concen: 11.551 ng

RT: 19.909 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM039400.D

Acq: 11 Apr 2023 19:15

Instrument :

BNA_M

ClientSampleId :

ELI-WATER-0407

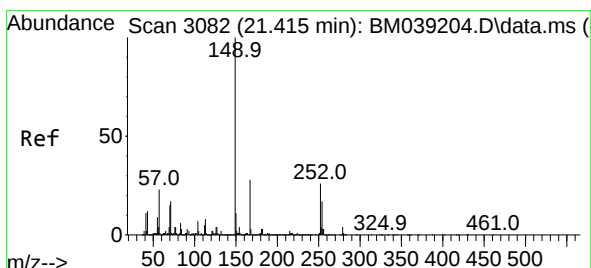
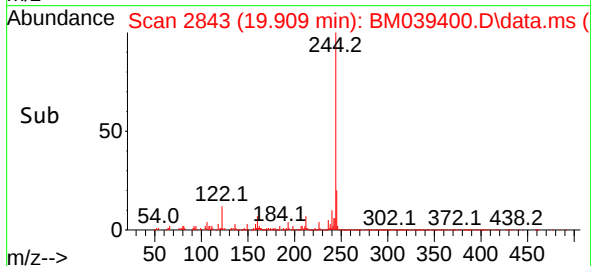
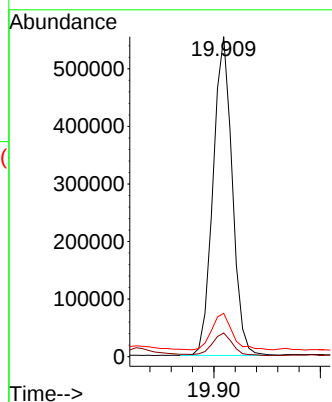
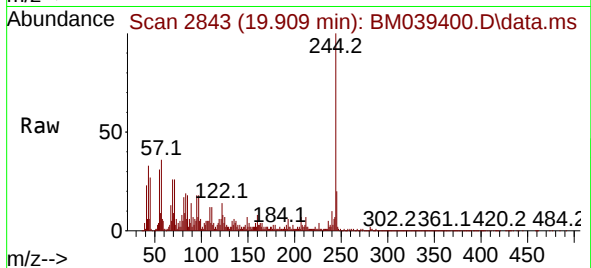
Tgt Ion:244 Resp: 692452

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 13.6 9.1 13.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.898 ng

RT: 21.386 min Scan# 3094

Delta R.T. 0.012 min

Lab File: BM039400.D

Acq: 11 Apr 2023 19:15

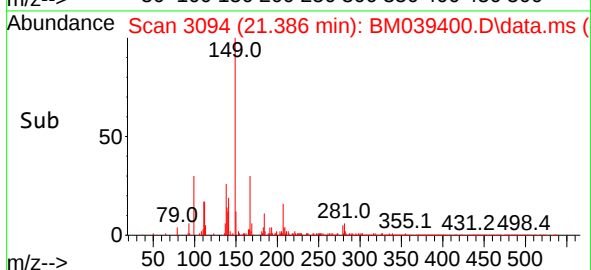
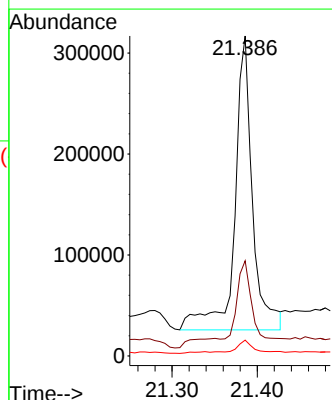
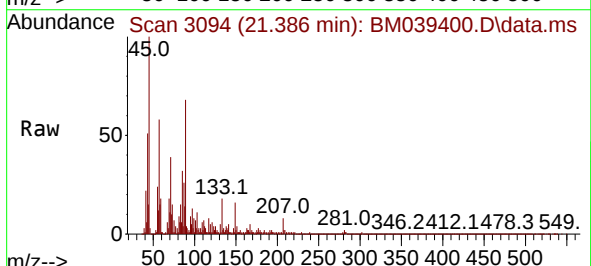
Tgt Ion:149 Resp: 421329

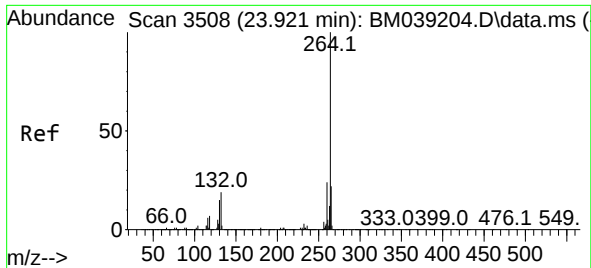
Ion Ratio Lower Upper

149 100

167 29.8 22.3 33.5

279 4.9 3.4 5.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.891 min Scan# 31
Delta R.T. 0.041 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

Instrument :
BNA_M
ClientSampleId :
ELI-WATER-0407

Tgt Ion:264 Resp: 1212012

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	23.0	18.1	27.1

