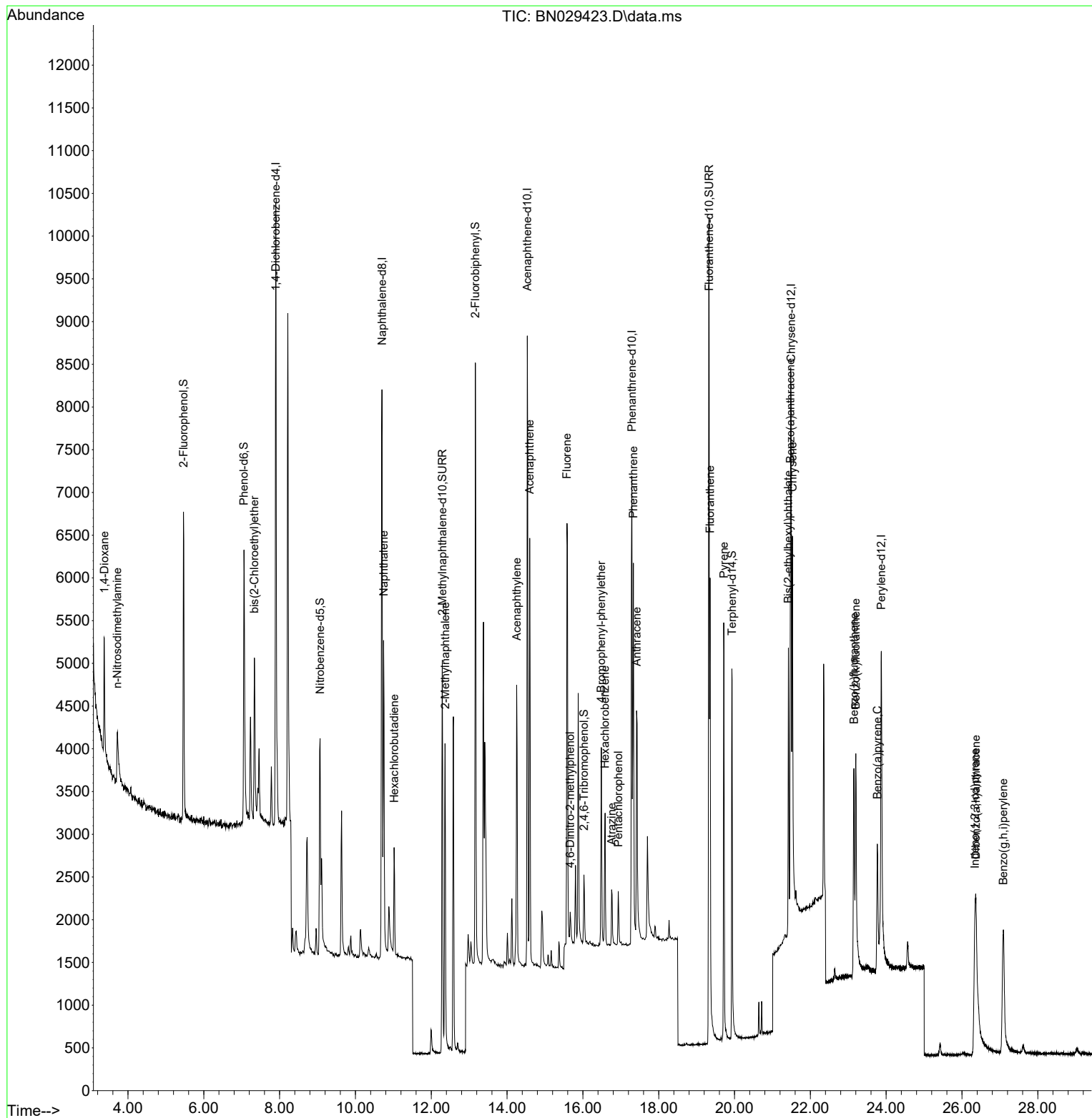
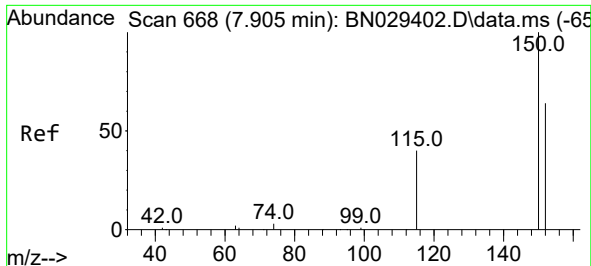


Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
 Data File : BN029423.D
 Acq On : 30 Jan 2024 21:56
 Operator : MA/JU
 Sample : 03572-07
 Misc : LOD-MDL-WATER-0.2NG
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Quant Time: Jan 31 02:33:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 03:38:24 2024
 Response via : Initial Calibration

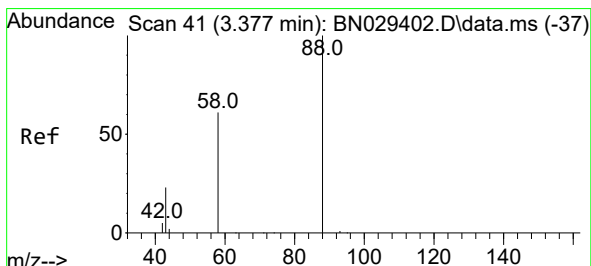
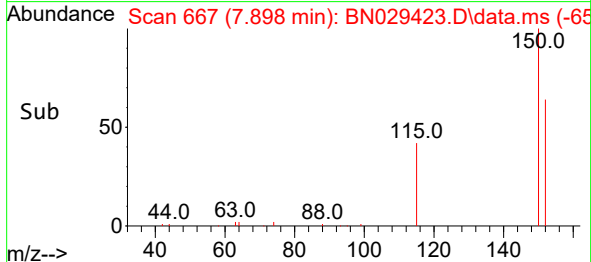
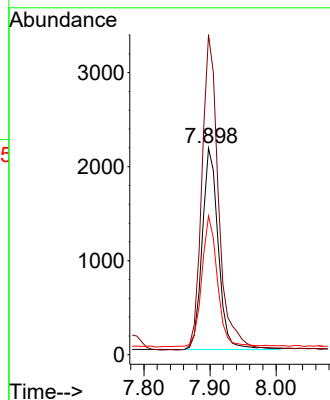
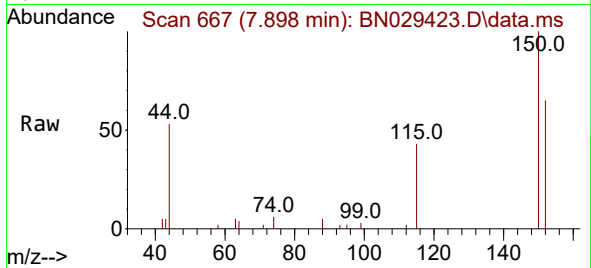




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.898 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

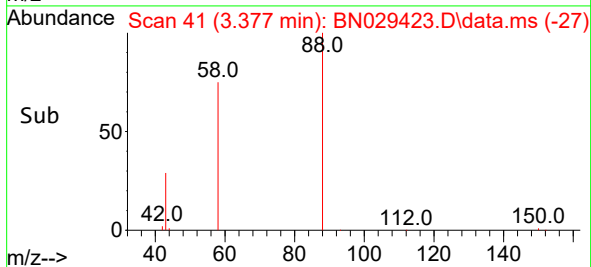
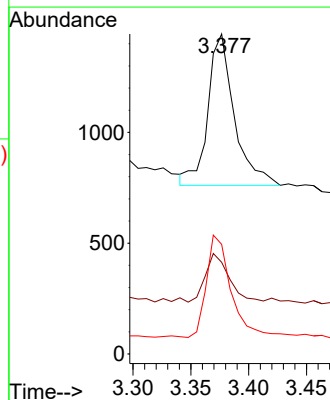
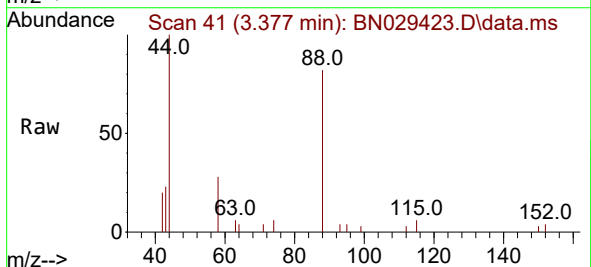
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

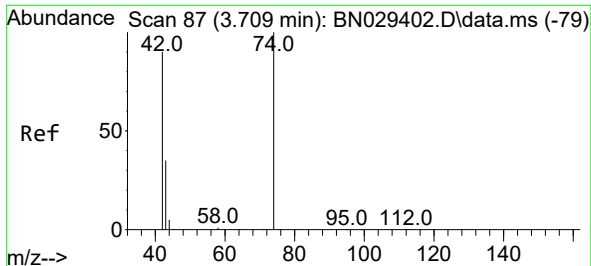
Tgt Ion:152 Resp: 3612
Ion Ratio Lower Upper
152 100
150 154.9 123.0 184.4
115 67.1 51.4 77.0



#2
1,4-Dioxane
Concen: 0.213 ng
RT: 3.377 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

Tgt Ion: 88 Resp: 1084
Ion Ratio Lower Upper
88 100
43 28.3 23.3 34.9
58 63.2 53.8 80.6

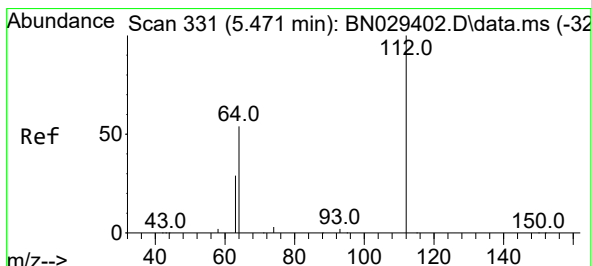
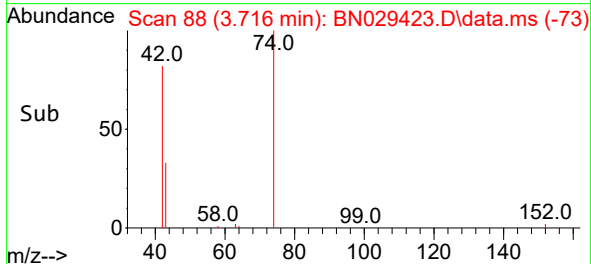
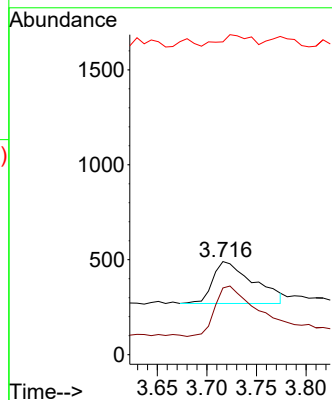
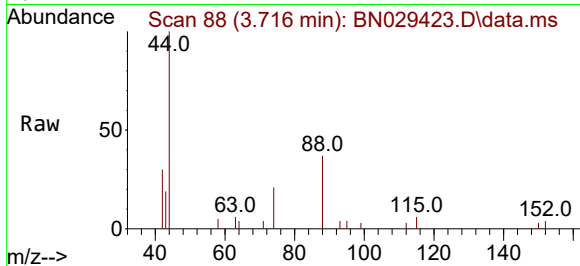




#3
n-Nitrosodimethylamine
Concen: 0.152 ng
RT: 3.716 min Scan# 81
Delta R.T. 0.007 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

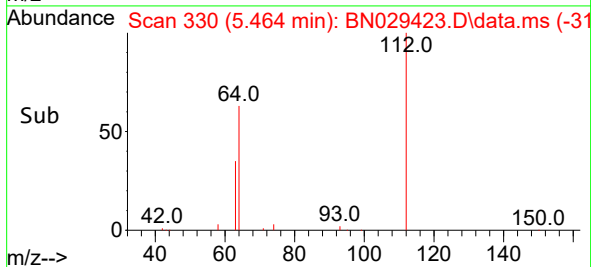
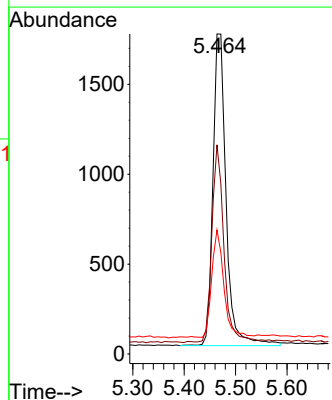
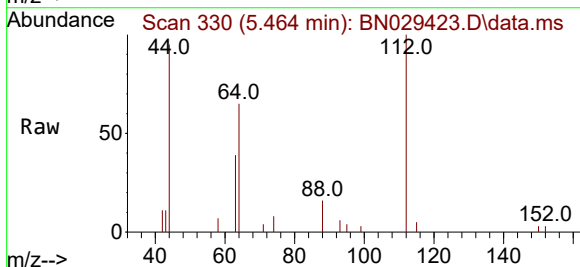
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

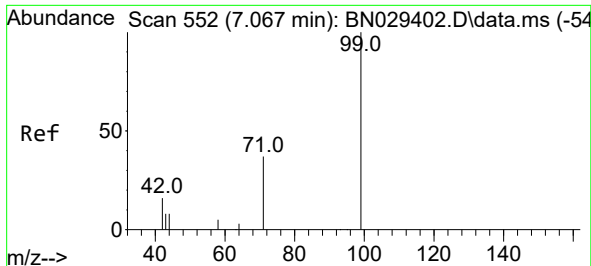
Tgt Ion: 42 Resp: 630
Ion Ratio Lower Upper
42 100
74 122.7 93.7 140.5
44 19.4 13.0 19.4



#4
2-Fluorophenol
Concen: 0.354 ng
RT: 5.464 min Scan# 330
Delta R.T. -0.007 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

Tgt Ion: 112 Resp: 3070
Ion Ratio Lower Upper
112 100
64 57.9 47.2 70.8
63 31.4 25.8 38.6

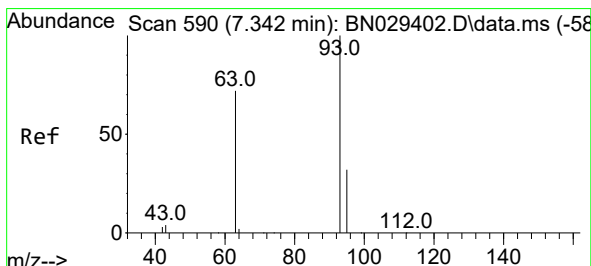
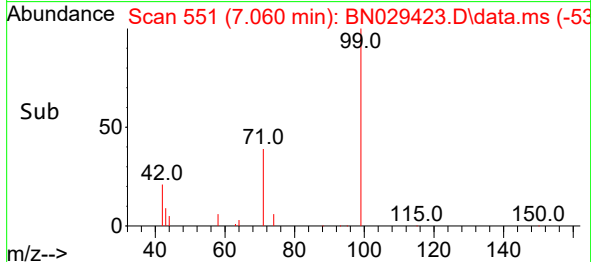
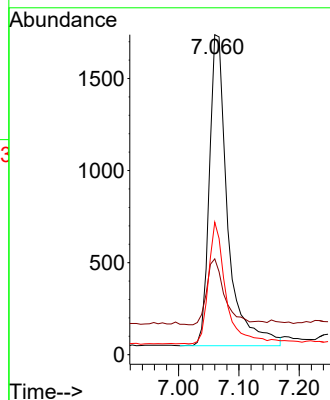
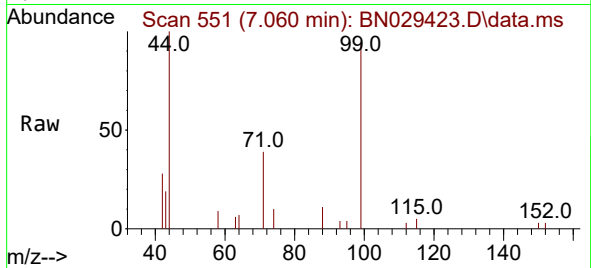




#5
Phenol-d6
Concen: 0.357 ng
RT: 7.060 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

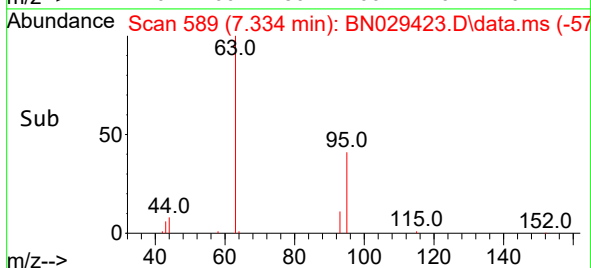
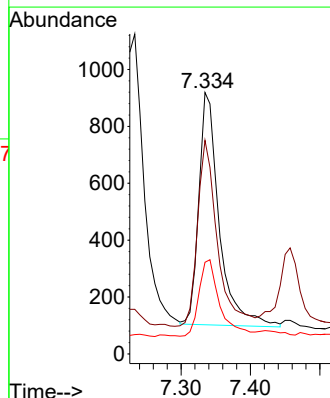
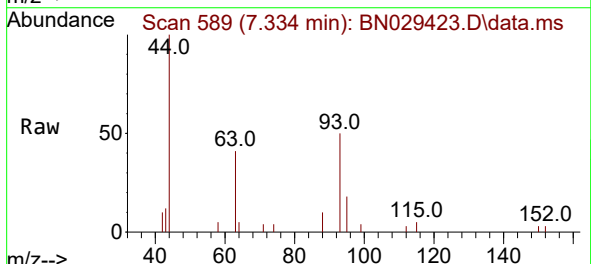
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

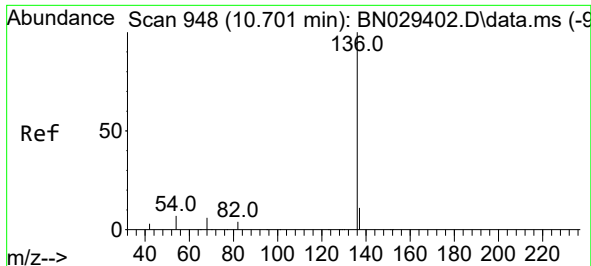
Tgt Ion:	99	Resp:	3571
Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.9	25.3
71	37.8	30.0	45.0



#6
bis(2-Chloroethyl)ether
Concen: 0.174 ng
RT: 7.334 min Scan# 589
Delta R.T. -0.007 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

Tgt Ion:	93	Resp:	1664
Ion	Ratio	Lower	Upper
93	100		
63	78.4	63.1	94.7
95	33.8	27.1	40.7

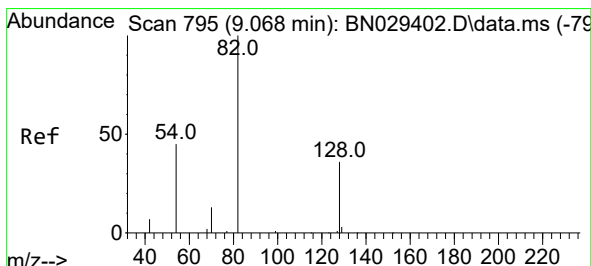
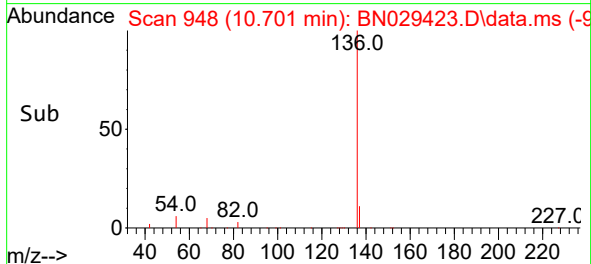
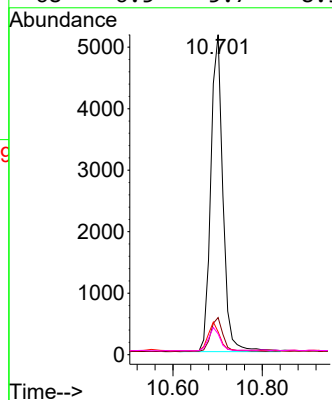
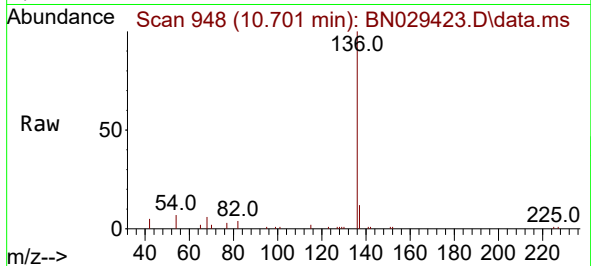




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.701 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

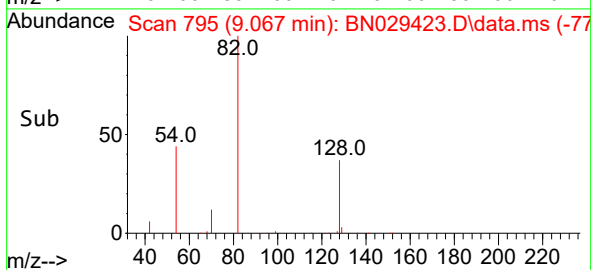
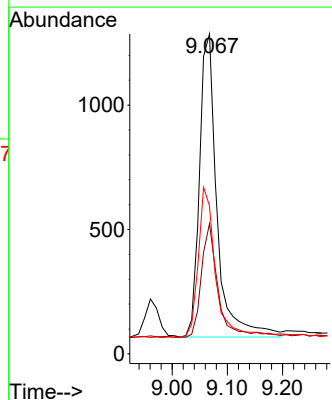
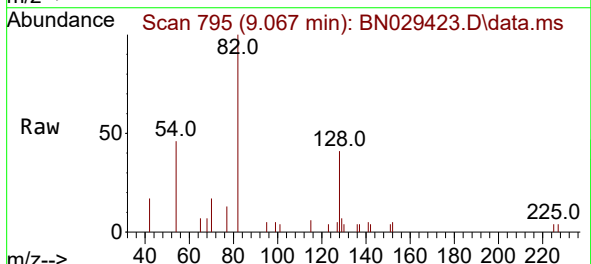
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

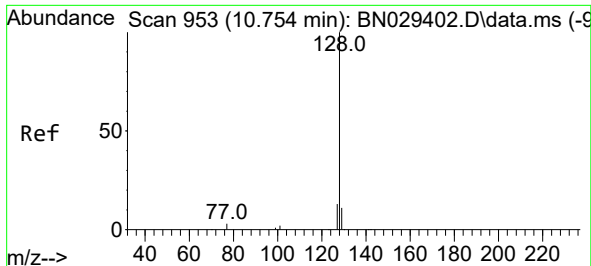
Tgt Ion:	136	Resp:	9669
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.7	14.5
54	7.1	6.6	10.0
68	6.5	5.7	8.5



#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 9.067 min Scan# 795
Delta R.T. -0.000 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

Tgt Ion:	82	Resp:	2698
Ion	Ratio	Lower	Upper
82	100		
128	40.7	31.6	47.4
54	46.3	38.2	57.4

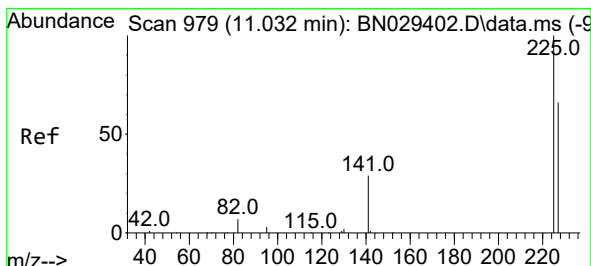
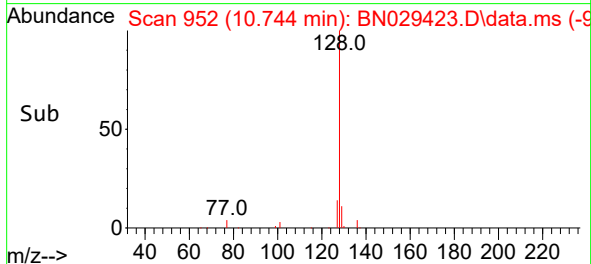
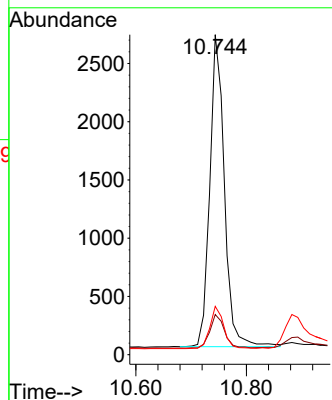
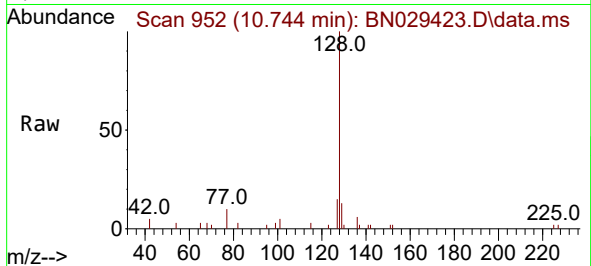




#9
Naphthalene
Concen: 0.179 ng
RT: 10.744 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

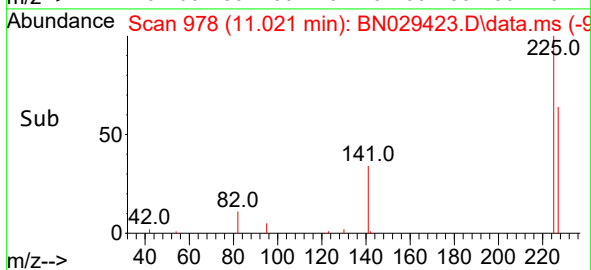
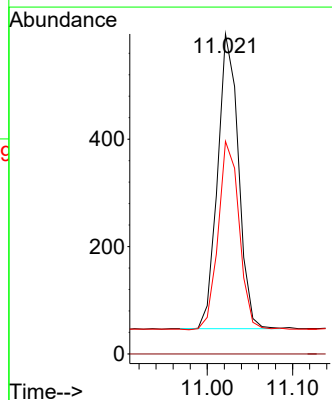
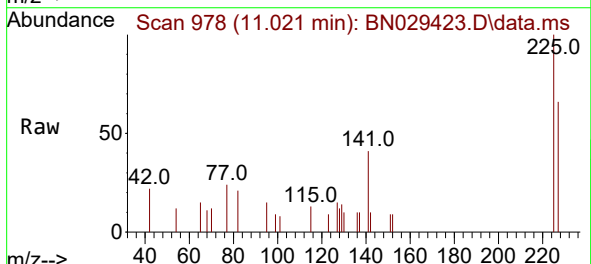
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

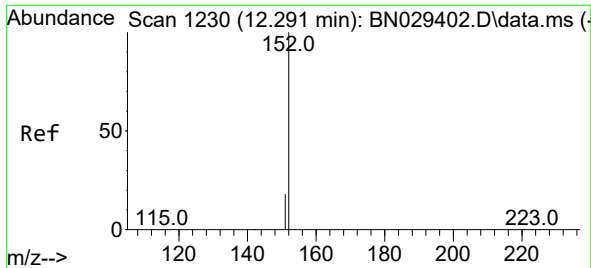
Tgt Ion:	128	Resp:	4936
Ion Ratio	Lower	Upper	
128	100		
129	12.6	9.5	14.3
127	15.1	10.8	16.2



#10
Hexachlorobutadiene
Concen: 0.178 ng
RT: 11.021 min Scan# 978
Delta R.T. -0.011 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

Tgt Ion:	225	Resp:	929
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	64.5	51.1	76.7

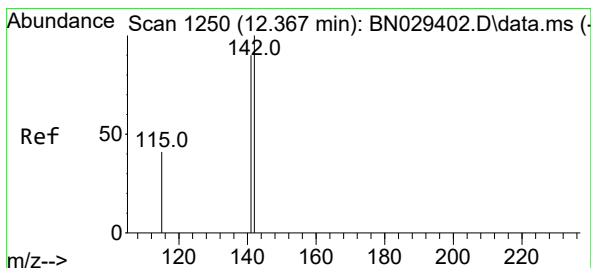
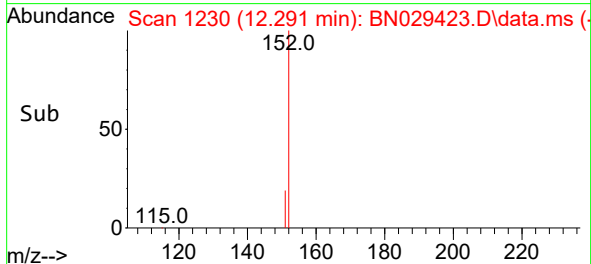
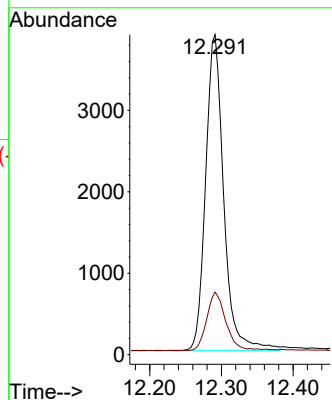
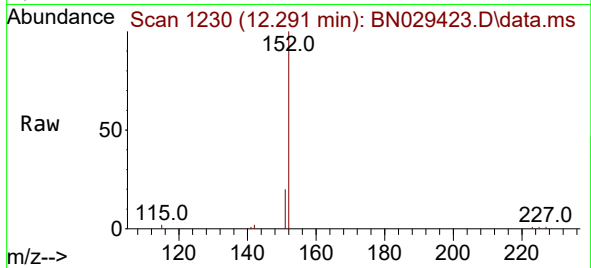




#11
2-Methylnaphthalene-d10
Concen: 0.517 ng
RT: 12.291 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

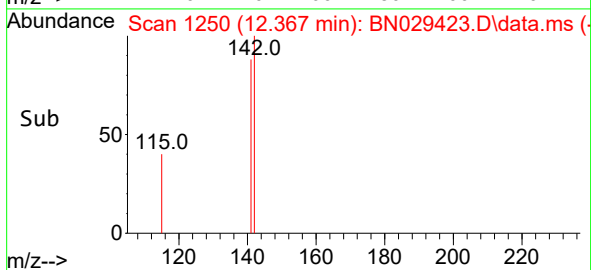
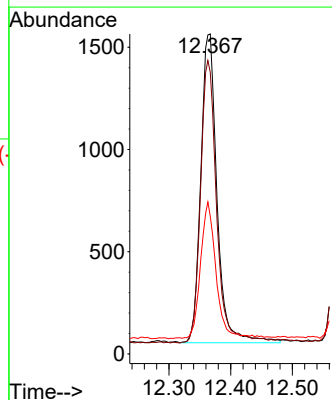
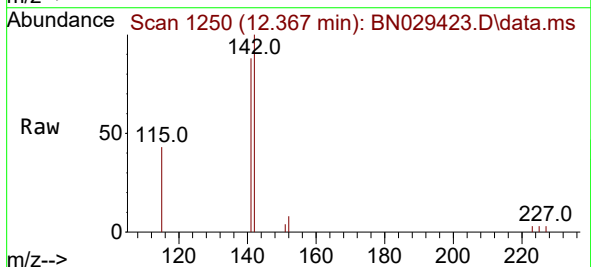
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

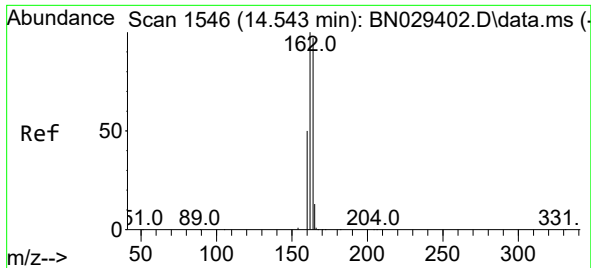
Tgt Ion:152 Resp: 6806
Ion Ratio Lower Upper
152 100
151 19.9 17.1 25.7



#12
2-Methylnaphthalene
Concen: 0.171 ng
RT: 12.367 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

Tgt Ion:142 Resp: 2765
Ion Ratio Lower Upper
142 100
141 88.0 71.9 107.9
115 43.0 33.9 50.9

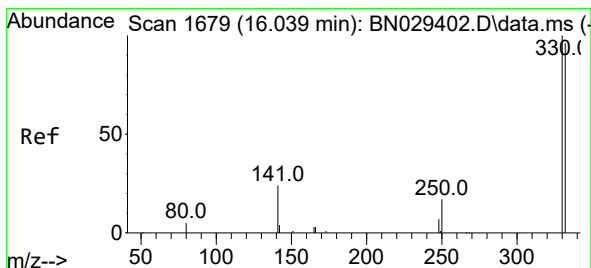
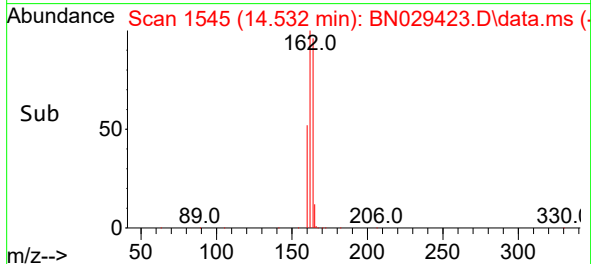
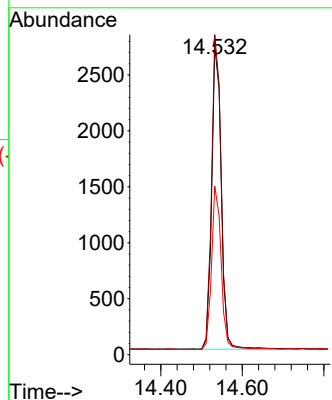
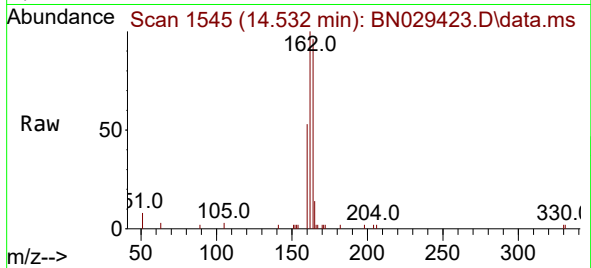




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.532 min Scan# 1545
 Delta R.T. -0.011 min
 Lab File: BN029423.D
 Acq: 30 Jan 2024 21:56

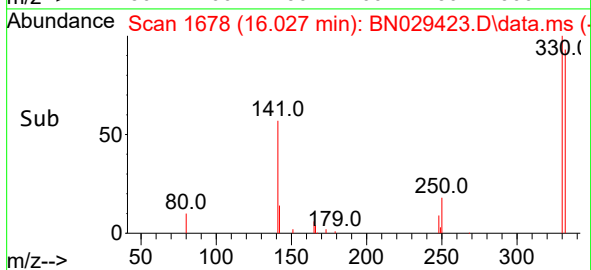
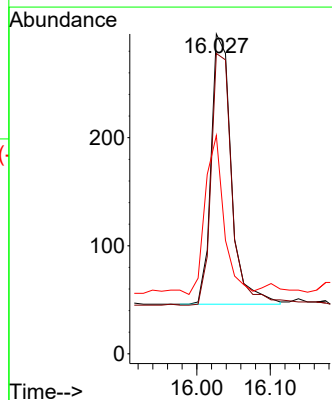
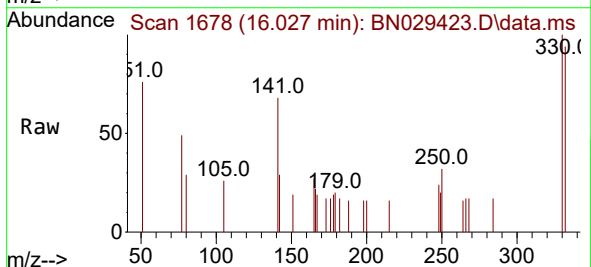
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

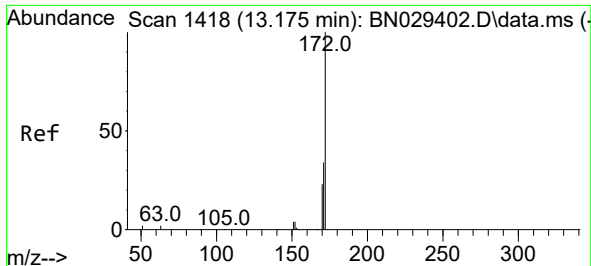
Tgt Ion:164 Resp: 4431
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.6 123.8
 160 54.6 41.5 62.3



#14
 2,4,6-Tribromophenol
 Concen: 0.336 ng
 RT: 16.027 min Scan# 1678
 Delta R.T. -0.012 min
 Lab File: BN029423.D
 Acq: 30 Jan 2024 21:56

Tgt Ion:330 Resp: 478
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.0 114.0
 141 51.0 43.4 65.2

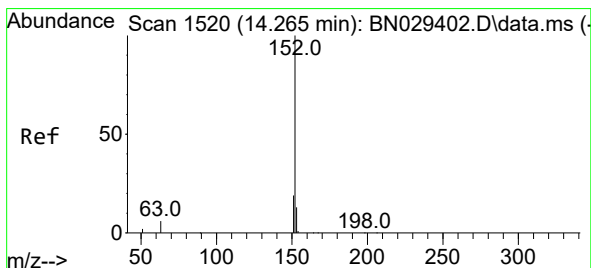
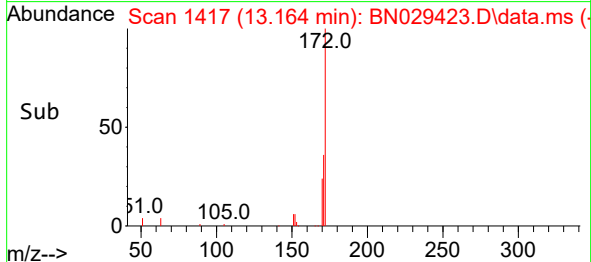
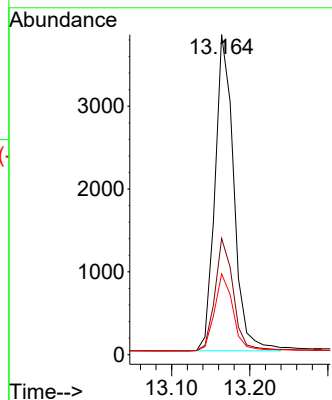
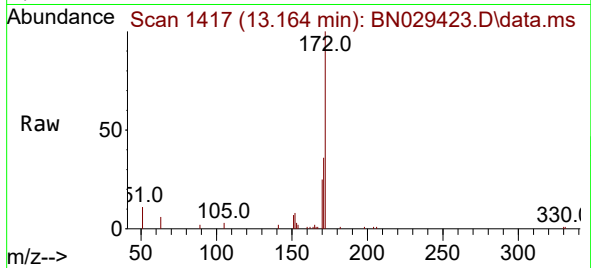




#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.164 min Scan# 1418
Delta R.T. -0.011 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

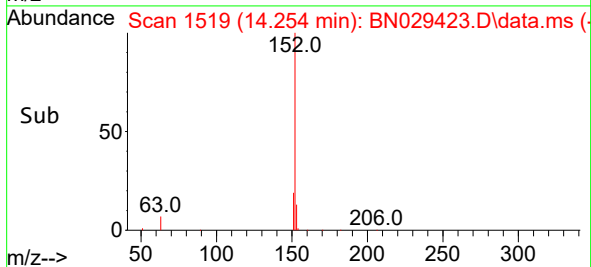
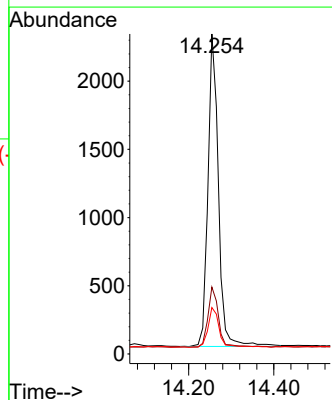
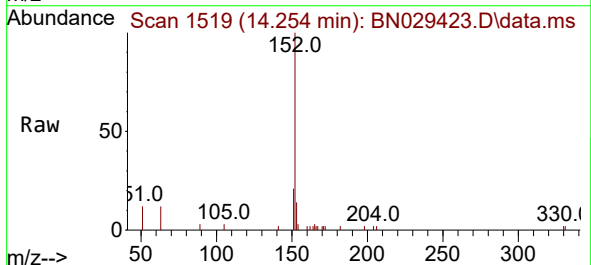
Instrument : BNA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

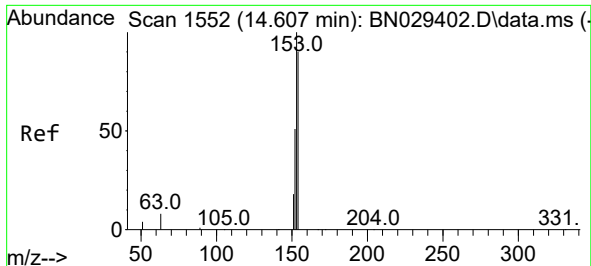
Tgt Ion:172 Resp: 6370
Ion Ratio Lower Upper
172 100
171 36.4 28.0 42.0
170 25.2 18.7 28.1



#16
Acenaphthylene
Concen: 0.185 ng
RT: 14.254 min Scan# 1519
Delta R.T. -0.011 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

Tgt Ion:152 Resp: 3894
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 13.5 10.5 15.7

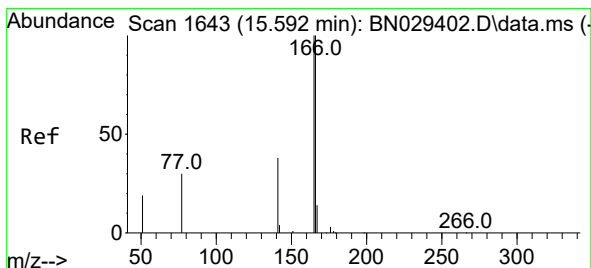
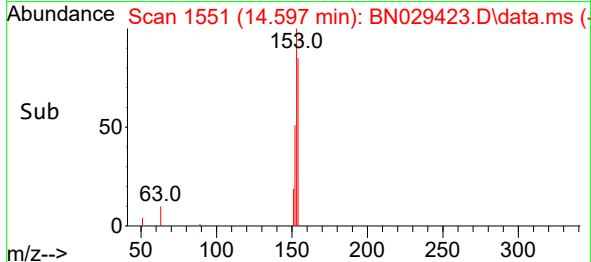
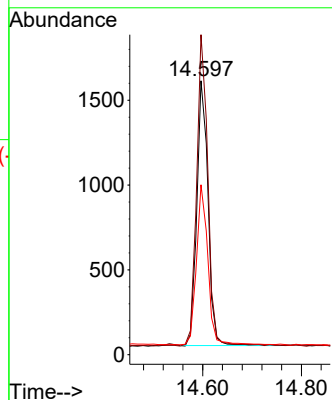
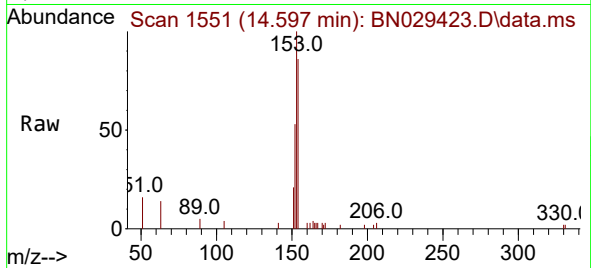




#17
Acenaphthene
Concen: 0.175 ng
RT: 14.597 min Scan# 1551
Delta R.T. -0.011 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

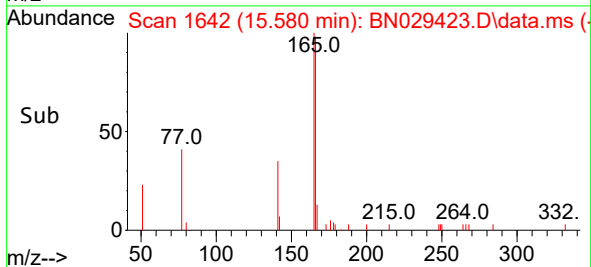
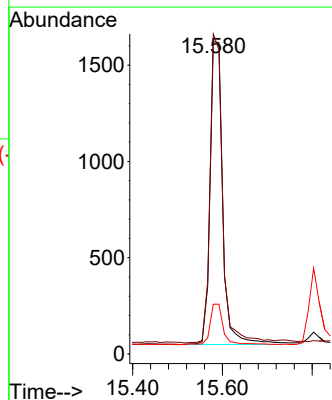
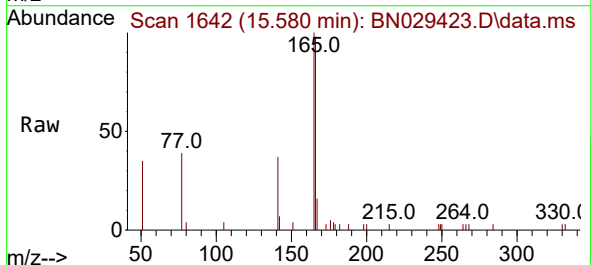
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

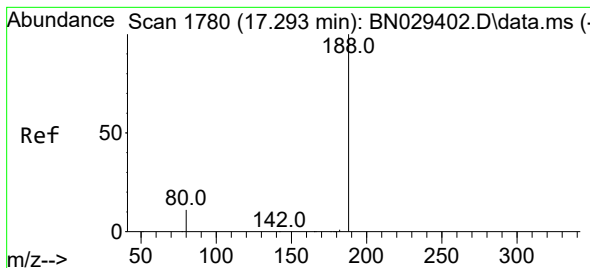
Tgt Ion:154 Resp: 2471
Ion Ratio Lower Upper
154 100
153 117.3 93.6 140.4
152 61.1 48.6 73.0



#18
Fluorene
Concen: 0.173 ng
RT: 15.580 min Scan# 1642
Delta R.T. -0.012 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

Tgt Ion:166 Resp: 3065
Ion Ratio Lower Upper
166 100
165 100.2 79.9 119.9
167 13.9 11.3 16.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.293 min Scan# 1780

Delta R.T. -0.000 min

Lab File: BN029423.D

Acq: 30 Jan 2024 21:56

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

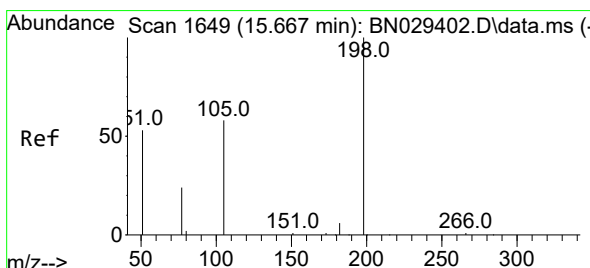
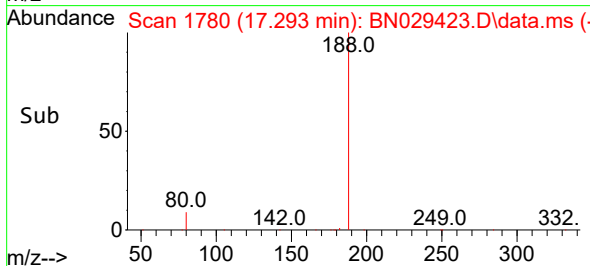
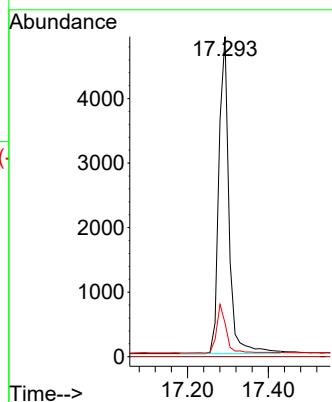
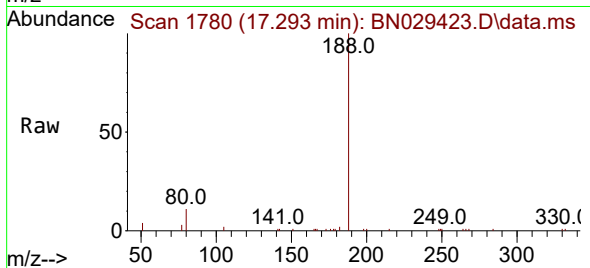
Tgt Ion:188 Resp: 8565

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.5 10.0 15.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.196 ng

RT: 15.667 min Scan# 1649

Delta R.T. -0.000 min

Lab File: BN029423.D

Acq: 30 Jan 2024 21:56

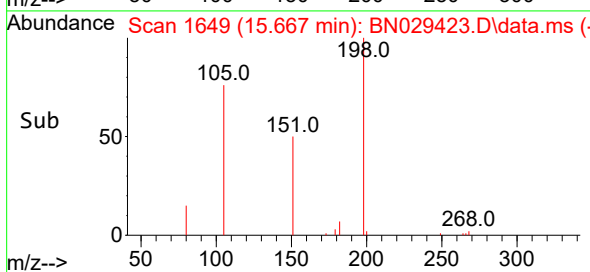
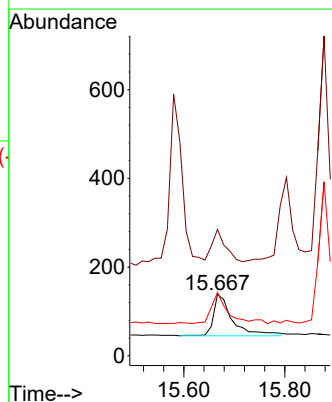
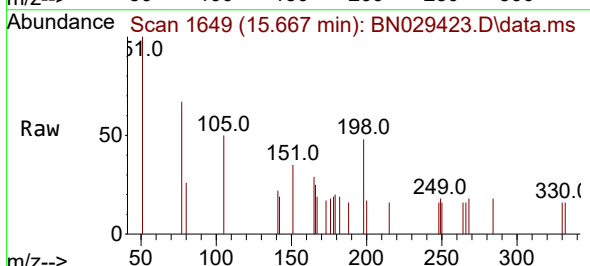
Tgt Ion:198 Resp: 246

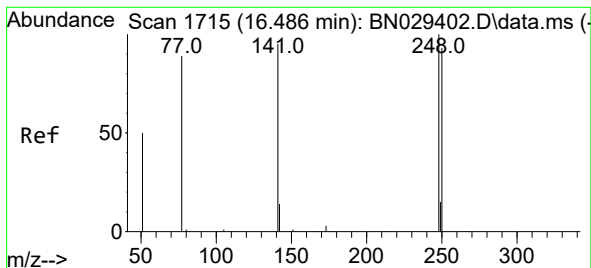
Ion Ratio Lower Upper

198 100

51 206.5 111.0 166.6#

105 103.6 67.0 100.6#

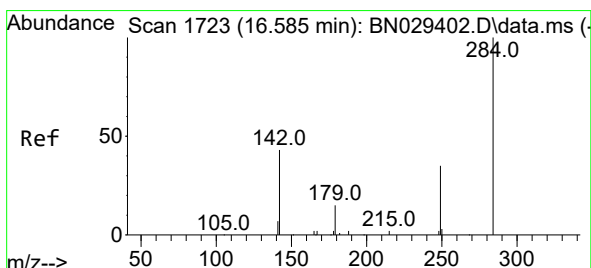
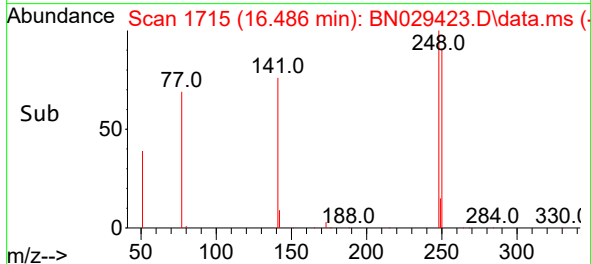
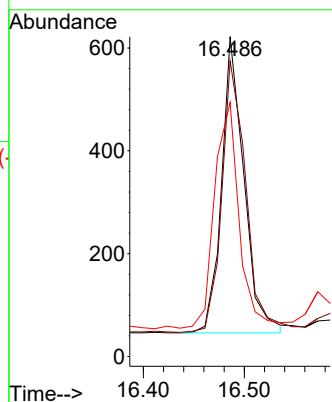
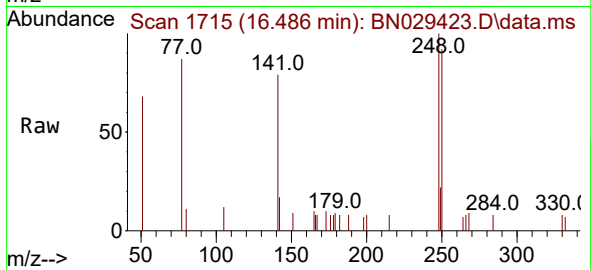




#21
4-Bromophenyl-phenylether
Concen: 0.174 ng
RT: 16.486 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

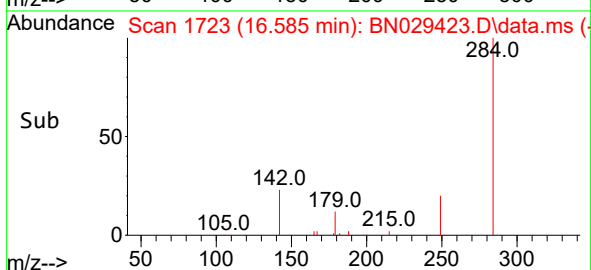
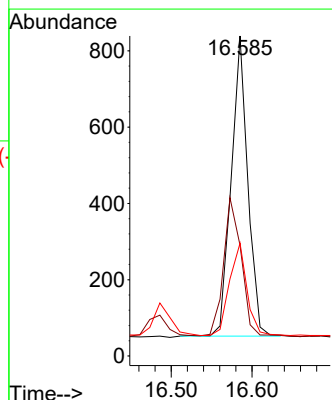
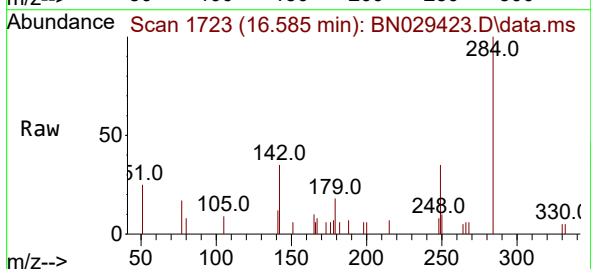
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

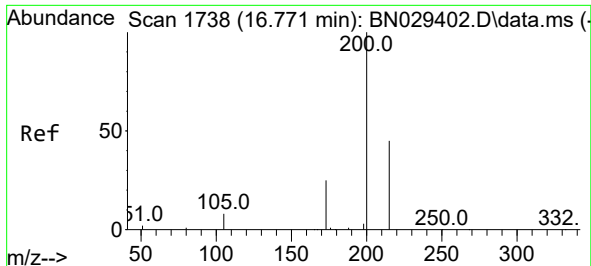
Tgt Ion:248 Resp: 887
Ion Ratio Lower Upper
248 100
250 92.4 75.0 112.4
141 79.4 77.0 115.6



#22
Hexachlorobenzene
Concen: 0.179 ng
RT: 16.585 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

Tgt Ion:284 Resp: 1120
Ion Ratio Lower Upper
284 100
142 48.7 39.4 59.2
249 32.4 26.9 40.3

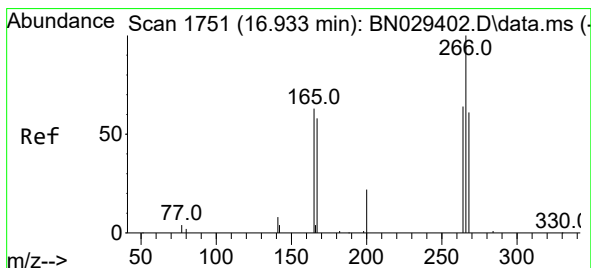
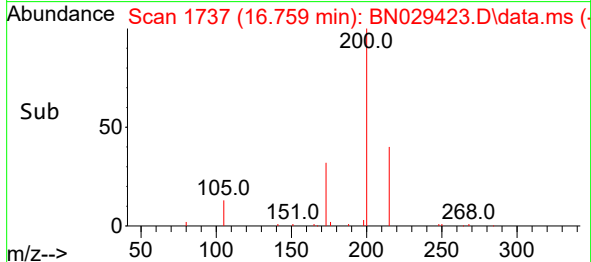
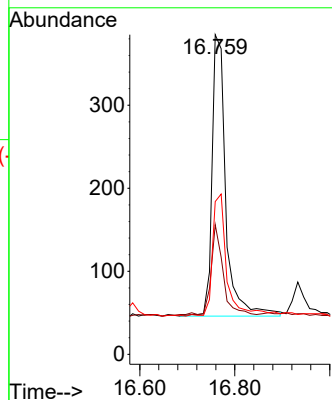
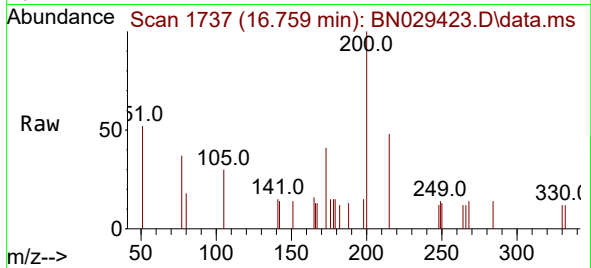




#23
Atrazine
Concen: 0.189 ng
RT: 16.759 min Scan# 1737
Delta R.T. -0.012 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

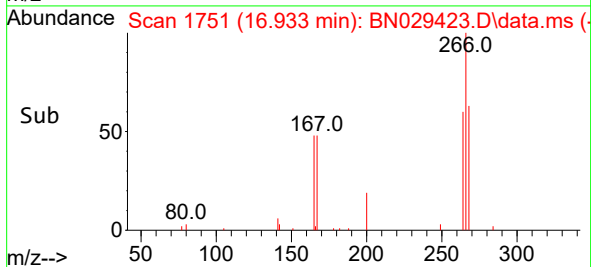
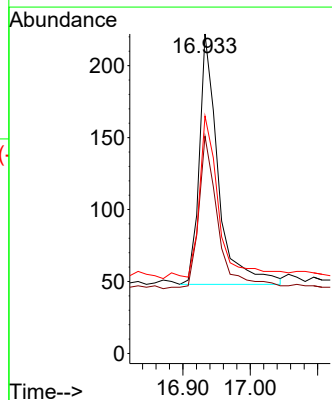
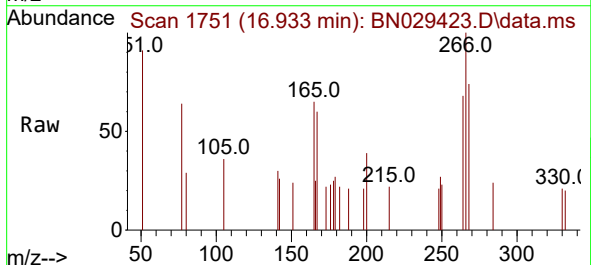
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

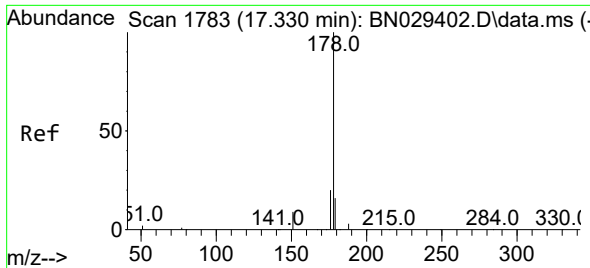
Tgt Ion:200 Resp: 685
Ion Ratio Lower Upper
200 100
173 40.5 23.4 35.0#
215 47.8 38.4 57.6



#24
Pentachlorophenol
Concen: 0.172 ng
RT: 16.933 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

Tgt Ion:266 Resp: 340
Ion Ratio Lower Upper
266 100
264 63.2 50.8 76.2
268 69.1 51.5 77.3

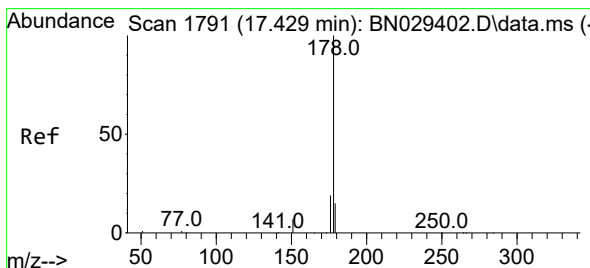
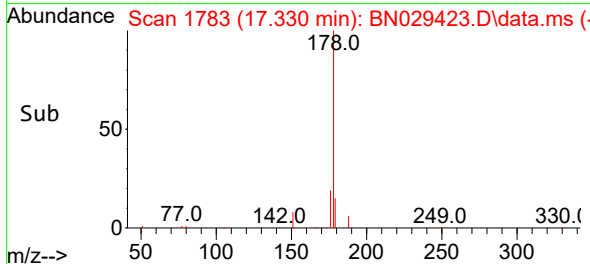
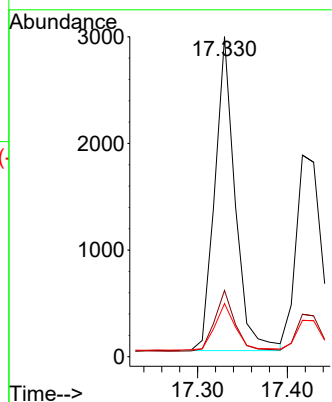
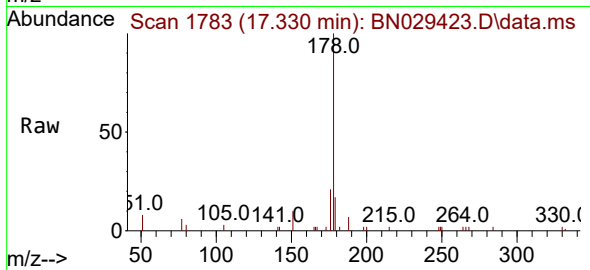




#25
Phenanthrene
Concen: 0.183 ng
RT: 17.330 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

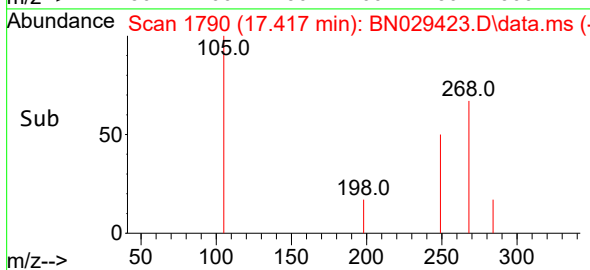
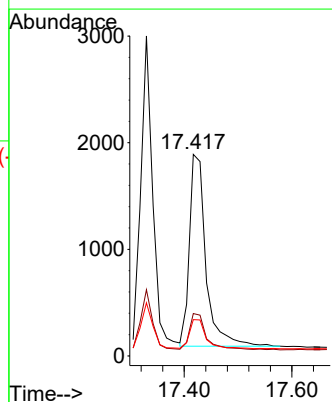
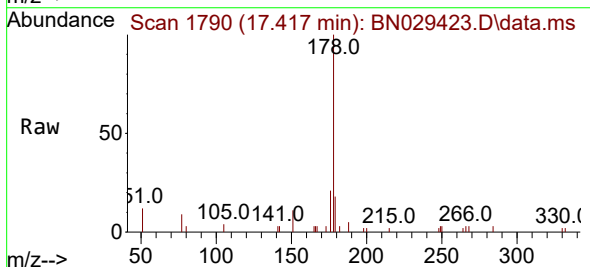
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

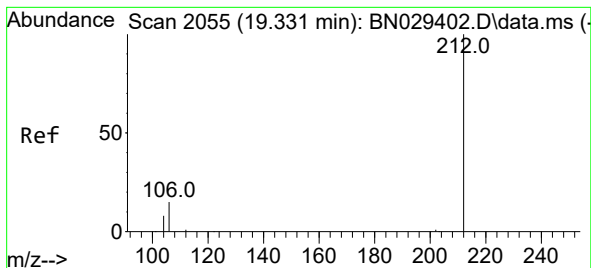
Tgt Ion:178 Resp: 4637
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.5 12.6 19.0



#26
Anthracene
Concen: 0.178 ng
RT: 17.417 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

Tgt Ion:178 Resp: 3839
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.4
179 15.1 12.3 18.5





#27

Fluoranthene-d10

Concen: 0.555 ng

RT: 19.327 min Scan# 2054

Delta R.T. -0.005 min

Lab File: BN029423.D

Acq: 30 Jan 2024 21:56

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

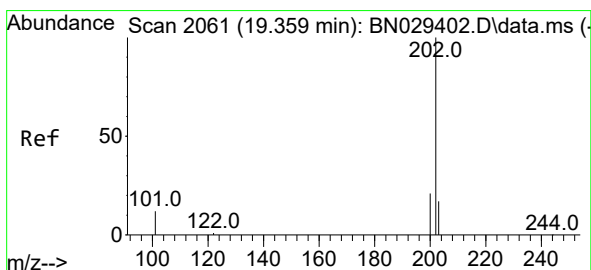
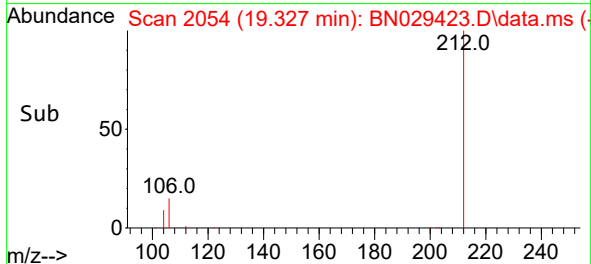
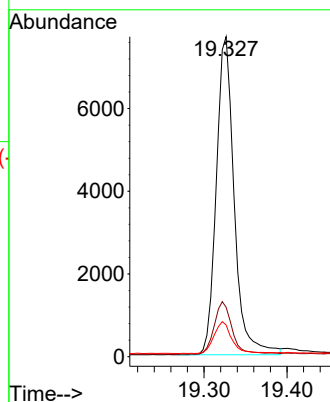
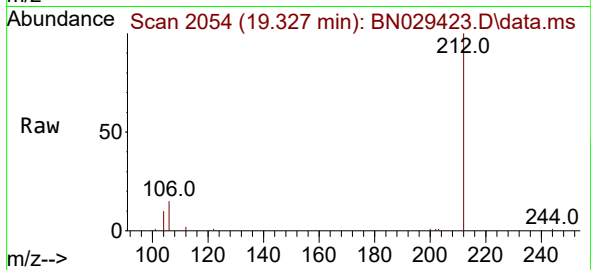
Tgt Ion:212 Resp: 11515

Ion Ratio Lower Upper

212 100

106 16.5 13.2 19.8

104 10.1 7.7 11.5



#28

Fluoranthene

Concen: 0.171 ng

RT: 19.355 min Scan# 2060

Delta R.T. -0.005 min

Lab File: BN029423.D

Acq: 30 Jan 2024 21:56

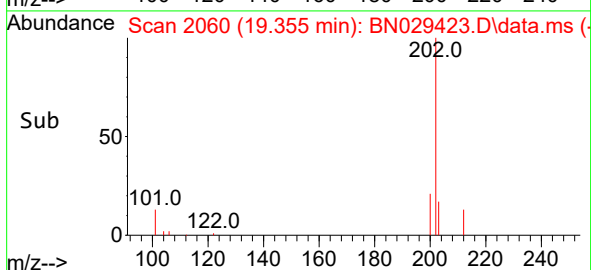
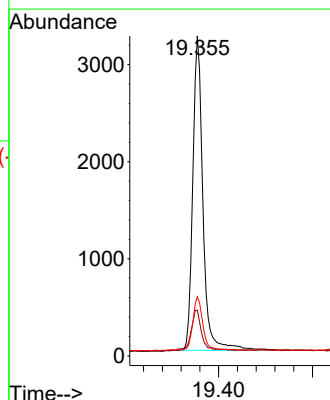
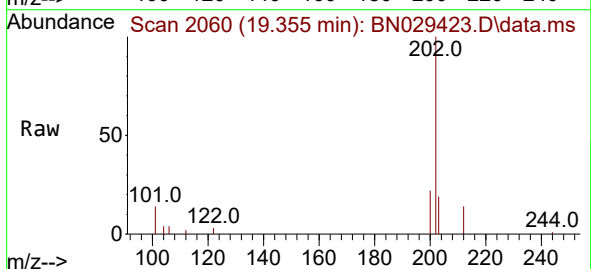
Tgt Ion:202 Resp: 4860

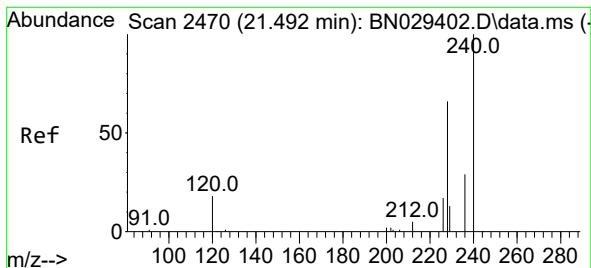
Ion Ratio Lower Upper

202 100

101 12.7 10.5 15.7

203 16.2 13.5 20.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.492 min Scan# 2470

Delta R.T. -0.000 min

Lab File: BN029423.D

Acq: 30 Jan 2024 21:56

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

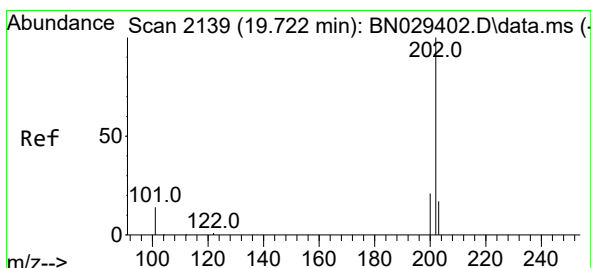
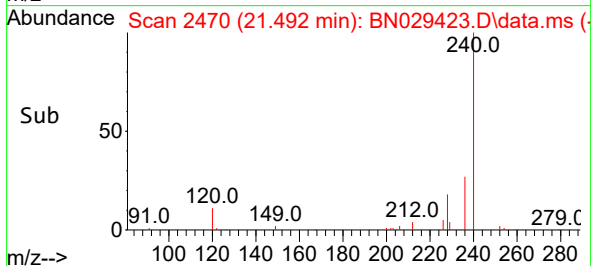
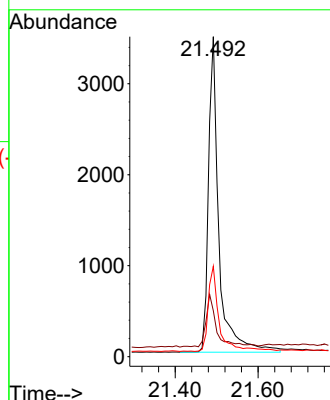
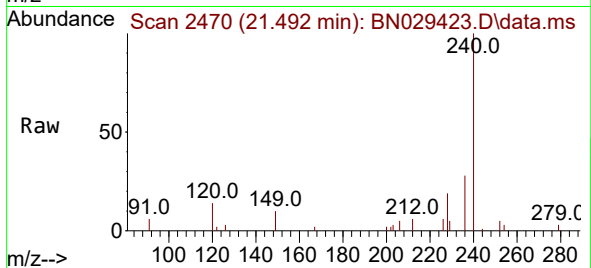
Tgt Ion:240 Resp: 6043

Ion Ratio Lower Upper

240 100

120 14.3 16.7 25.1#

236 28.2 23.9 35.9



#30

Pyrene

Concen: 0.175 ng

RT: 19.717 min Scan# 2138

Delta R.T. -0.005 min

Lab File: BN029423.D

Acq: 30 Jan 2024 21:56

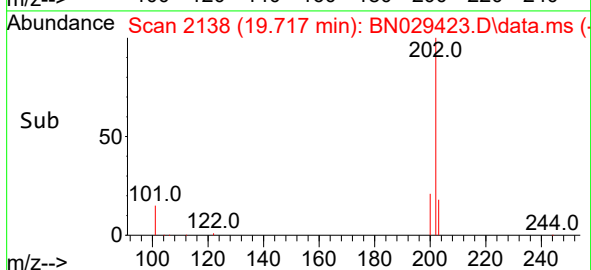
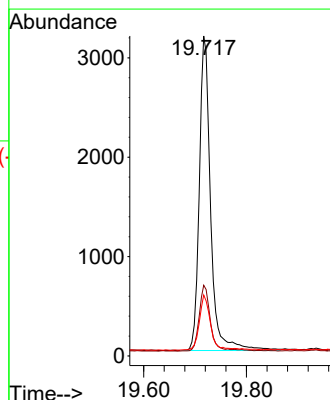
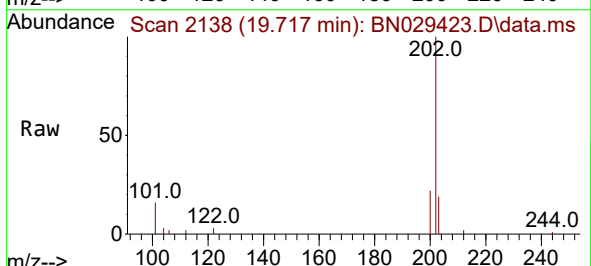
Tgt Ion:202 Resp: 4860

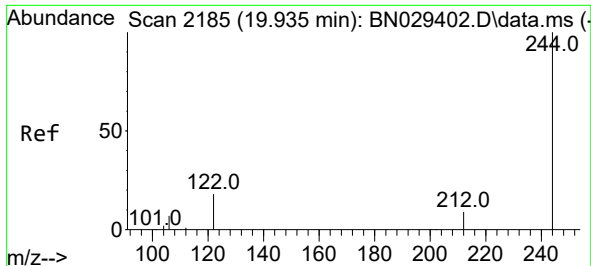
Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

203 17.6 14.2 21.4

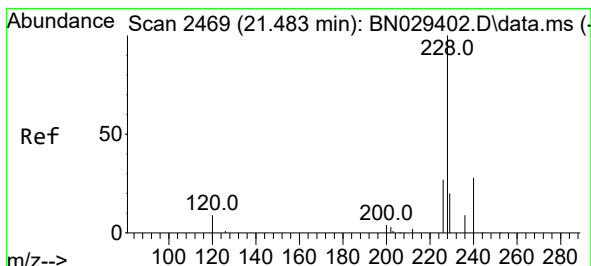
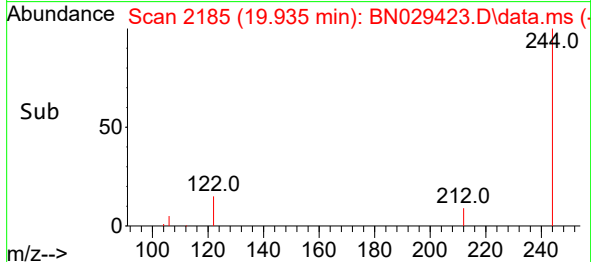
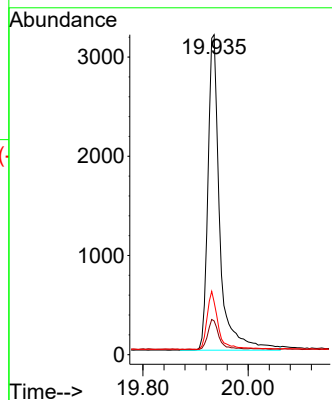
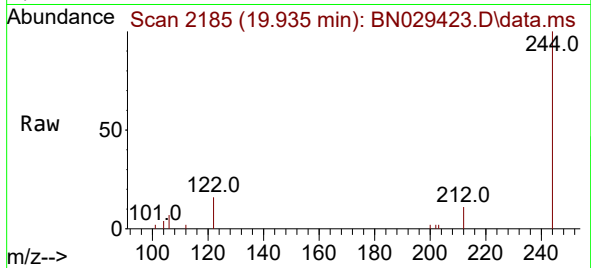




#31
 Terphenyl-d14
 Concen: 0.332 ng
 RT: 19.935 min Scan# 2185
 Delta R.T. -0.000 min
 Lab File: BN029423.D
 Acq: 30 Jan 2024 21:56

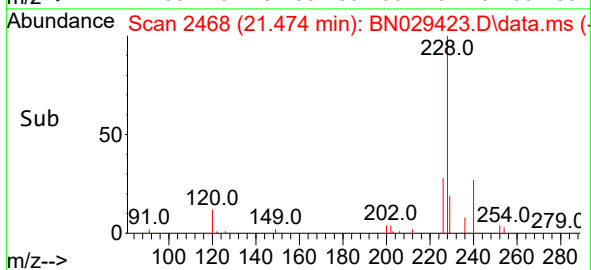
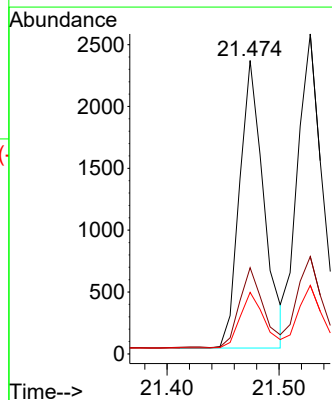
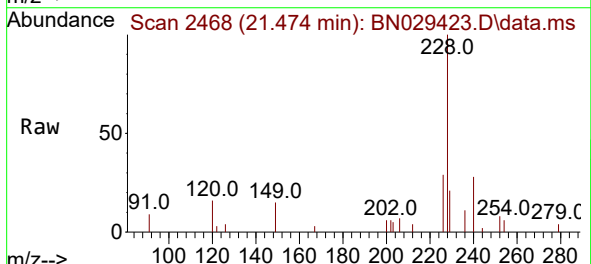
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

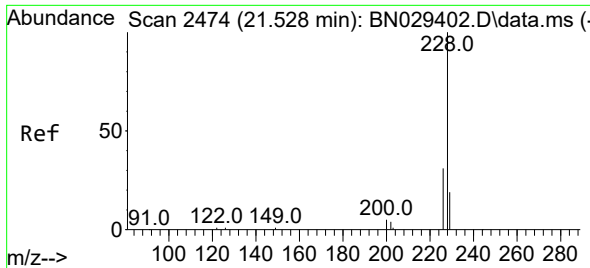
Tgt Ion:244 Resp: 4979
 Ion Ratio Lower Upper
 244 100
 212 10.5 8.2 12.4
 122 16.4 15.6 23.4



#32
 Benzo(a)anthracene
 Concen: 0.170 ng
 RT: 21.474 min Scan# 2468
 Delta R.T. -0.009 min
 Lab File: BN029423.D
 Acq: 30 Jan 2024 21:56

Tgt Ion:228 Resp: 3502
 Ion Ratio Lower Upper
 228 100
 226 29.4 22.2 33.4
 229 21.0 16.5 24.7





#33

Chrysene

Concen: 0.178 ng

RT: 21.528 min Scan# 2474

Delta R.T. -0.000 min

Lab File: BN029423.D

Acq: 30 Jan 2024 21:56

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

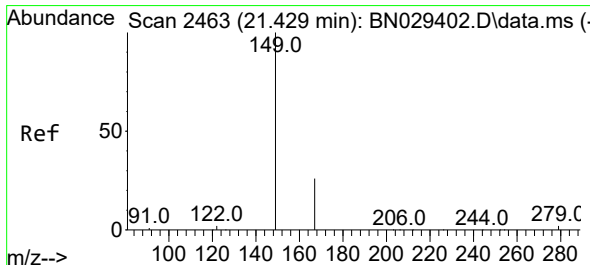
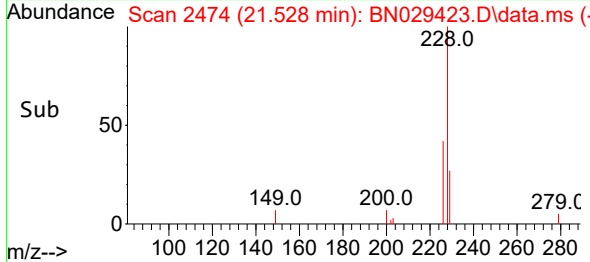
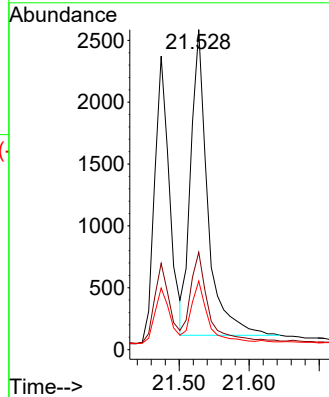
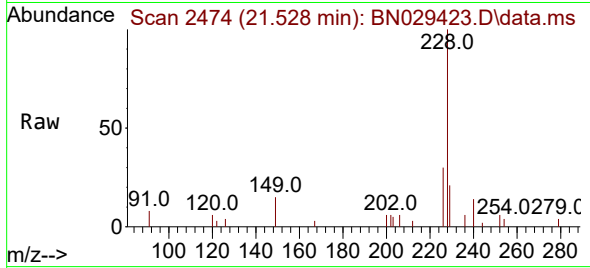
Tgt Ion:228 Resp: 4169

Ion Ratio Lower Upper

228 100

226 30.4 24.9 37.3

229 21.5 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.190 ng

RT: 21.420 min Scan# 2462

Delta R.T. -0.009 min

Lab File: BN029423.D

Acq: 30 Jan 2024 21:56

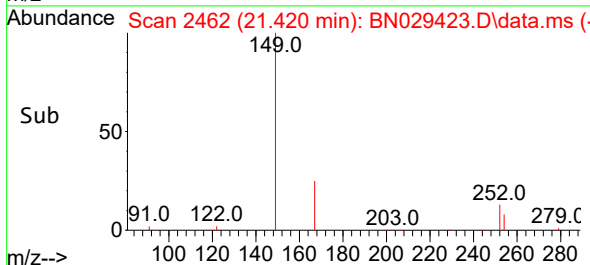
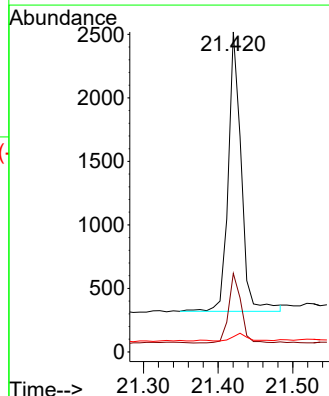
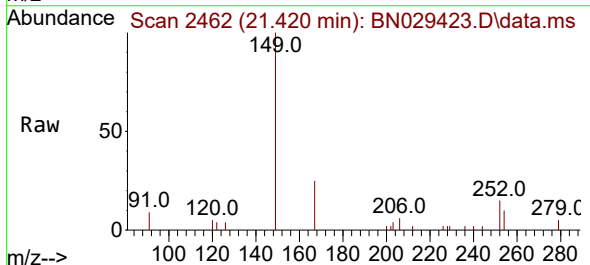
Tgt Ion:149 Resp: 2666

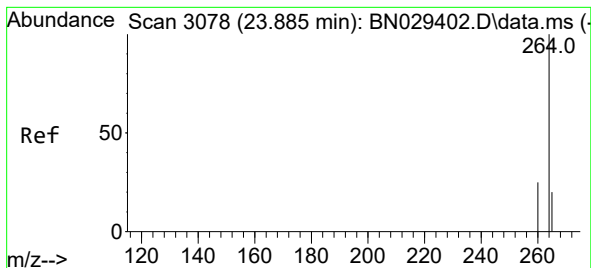
Ion Ratio Lower Upper

149 100

167 23.8 20.1 30.1

279 2.7 2.5 3.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.870 min Scan# 3073

Delta R.T. -0.015 min

Lab File: BN029423.D

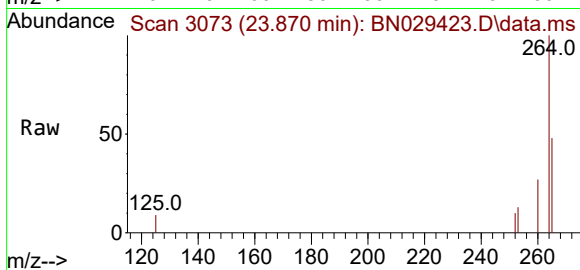
Acq: 30 Jan 2024 21:56

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



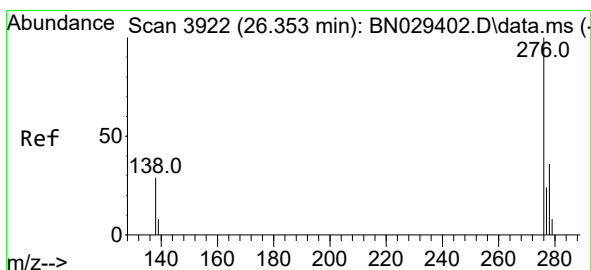
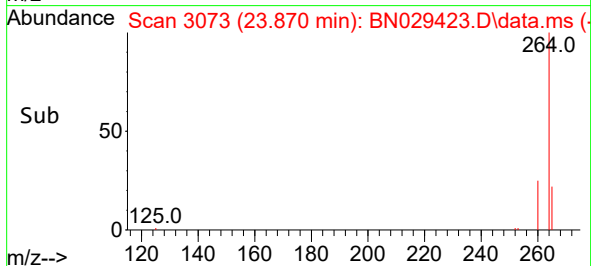
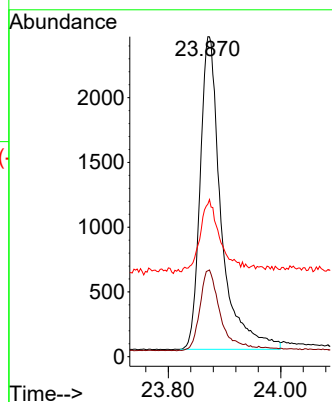
Tgt Ion:264 Resp: 6278

Ion Ratio Lower Upper

264 100

260 26.9 21.2 31.8

265 47.7 41.5 62.3



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.160 ng

RT: 26.341 min Scan# 3918

Delta R.T. -0.012 min

Lab File: BN029423.D

Acq: 30 Jan 2024 21:56

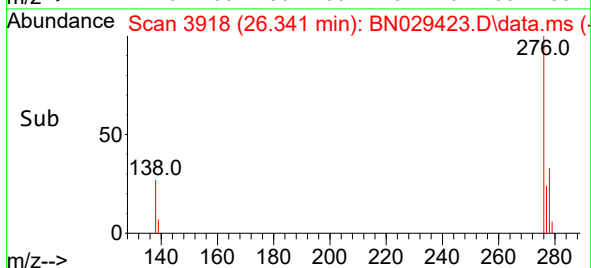
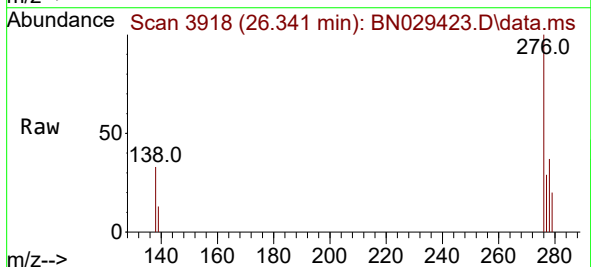
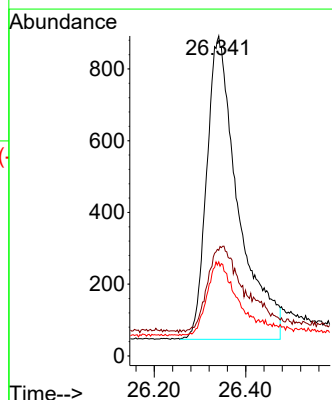
Tgt Ion:276 Resp: 4037

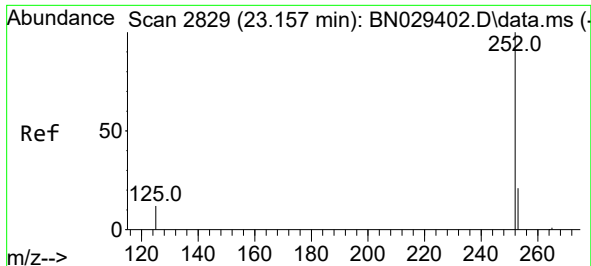
Ion Ratio Lower Upper

276 100

138 27.6 20.5 30.7

277 21.9 17.0 25.4

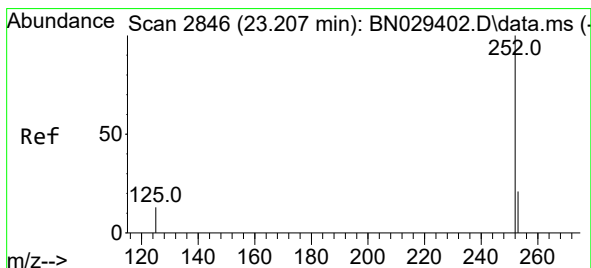
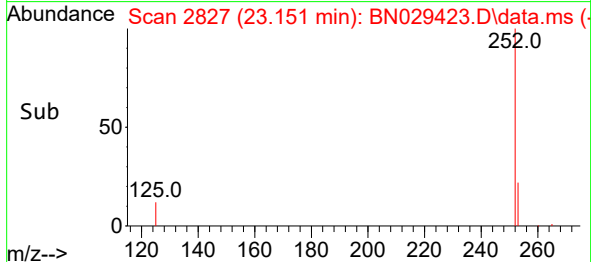
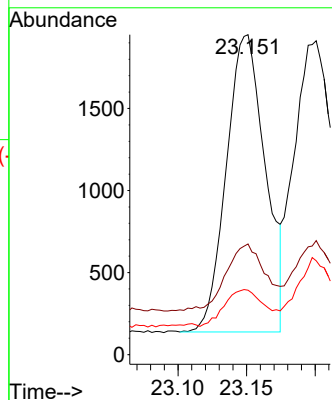
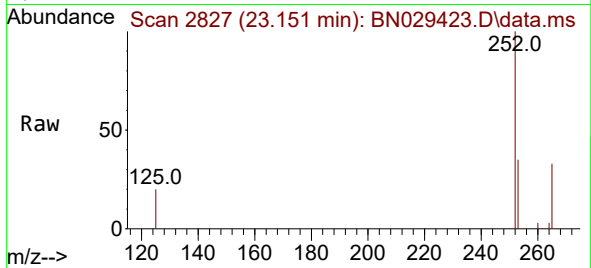




#37
Benzo(b)fluoranthene
Concen: 0.159 ng
RT: 23.151 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

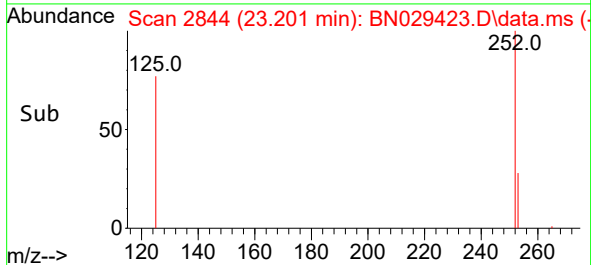
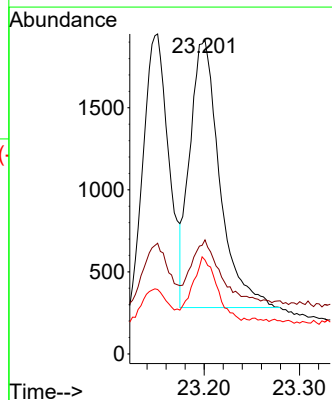
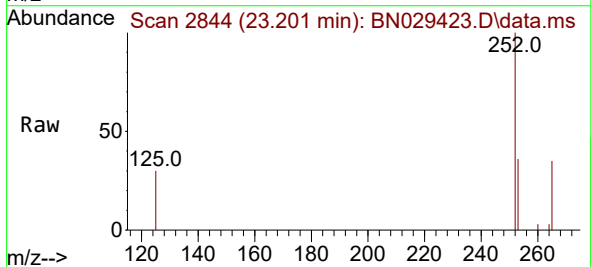
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

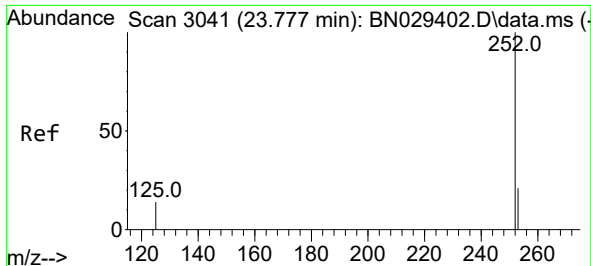
Tgt Ion:252 Resp: 3575
Ion Ratio Lower Upper
252 100
253 34.6 21.7 32.5#
125 20.2 13.3 19.9#



#38
Benzo(k)fluoranthene
Concen: 0.151 ng
RT: 23.201 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

Tgt Ion:252 Resp: 3559
Ion Ratio Lower Upper
252 100
253 36.3 21.8 32.8#
125 29.9 13.9 20.9#





#39

Benzo(a)pyrene

Concen: 0.156 ng

RT: 23.768 min Scan# 3047

Delta R.T. -0.009 min

Lab File: BN029423.D

Acq: 30 Jan 2024 21:56

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

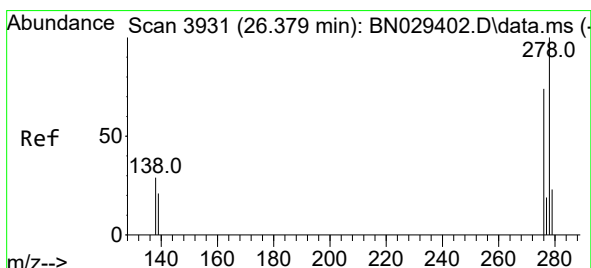
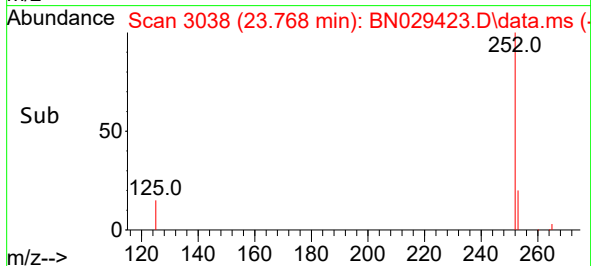
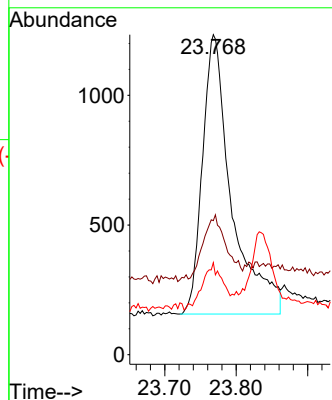
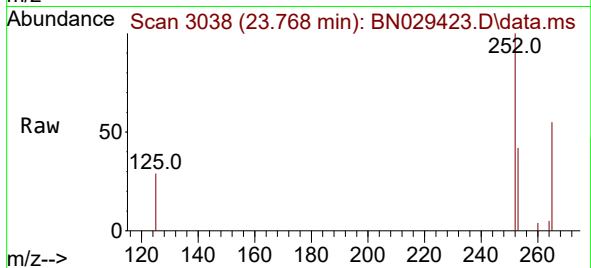
Tgt Ion:252 Resp: 3047

Ion Ratio Lower Upper

252 100

253 41.9 24.9 37.3#

125 28.8 16.6 25.0#



#40

Dibenzo(a,h)anthracene

Concen: 0.158 ng

RT: 26.370 min Scan# 3928

Delta R.T. -0.009 min

Lab File: BN029423.D

Acq: 30 Jan 2024 21:56

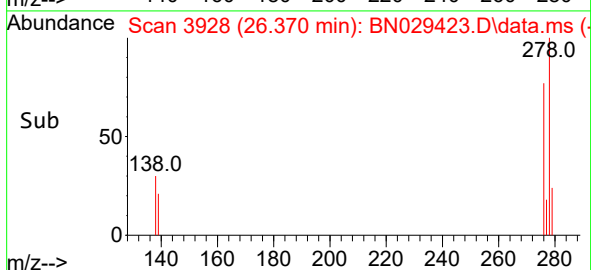
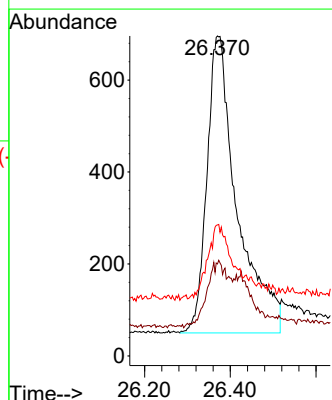
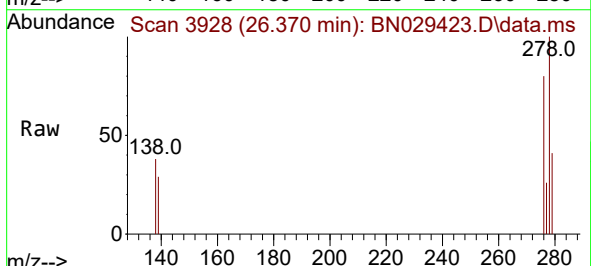
Tgt Ion:278 Resp: 3170

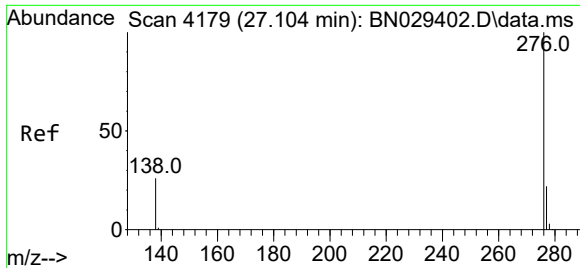
Ion Ratio Lower Upper

278 100

139 28.7 20.4 30.6

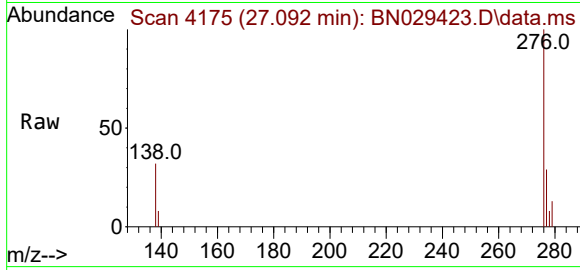
279 40.9 25.0 37.6#





#41
Benzo(g,h,i)perylene
Concen: 0.157 ng
RT: 27.092 min Scan# 41
Delta R.T. -0.012 min
Lab File: BN029423.D
Acq: 30 Jan 2024 21:56

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion:276 Resp: 3844
Ion Ratio Lower Upper
276 100
277 29.2 19.4 29.2#
138 31.6 23.5 35.3

