

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010323\
 Data File : BN023543.D
 Acq On : 03 Jan 2023 18:34
 Operator : CG/JU
 Sample : N5388-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT4-2022-07

Quant Time: Jan 04 03:54:34 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 04 00:28:51 2023
 Response via : Initial Calibration

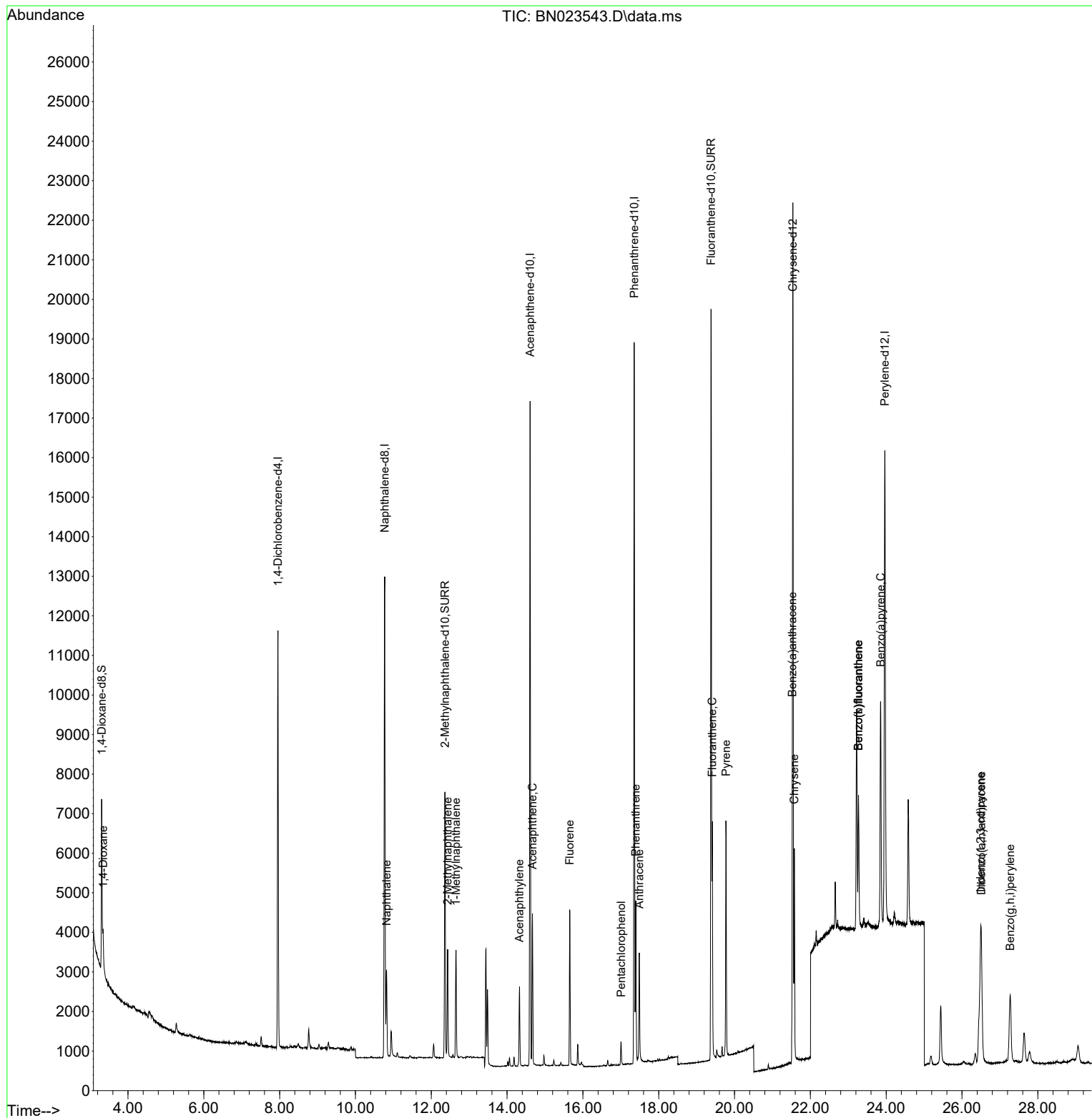
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	5311	0.400	ng/ul	0.00
4) Naphthalene-d8	10.771	136	16402	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.608	164	8993	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	20792	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	18271	0.400	ng/ul	0.00
23) Perylene-d12	23.965	264	17017	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	3112	0.529	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.360	152	8584	0.341	ng/ul	0.00
18) Fluoranthene-d10	19.383	212	20697	0.387	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.344	88	766	0.124	ng/ul#	53
5) Naphthalene	10.821	128	2931	0.062	ng/ul#	95
7) 2-Methylnaphthalene	12.432	142	1867	0.062	ng/ul	100
8) 1-Methylnaphthalene	12.652	142	1822	0.059	ng/ul	100
10) Acenaphthylene	14.326	152	2256	0.062	ng/ul	93
11) Acenaphthene	14.668	153	2105	0.065	ng/ul	99
12) Fluorene	15.654	166	2363	0.064	ng/ul	97
14) Pentachlorophenol	17.006	266	398	0.059	ng/ul	99
15) Phenanthrene	17.394	178	4093	0.063	ng/ul	95
16) Anthracene	17.487	178	3233	0.058	ng/ul#	92
19) Fluoranthene	19.411	202	4741	0.069	ng/ul	97
20) Pyrene	19.773	202	4783	0.066	ng/ul#	94
21) Benzo(a)anthracene	21.524	228	4265	0.063	ng/ul	98
22) Chrysene	21.577	228	4513	0.066	ng/ul	99
24) Benzo(b)fluoranthene	23.269	252	4696	0.060	ng/ul	73
25) Benzo(k)fluoranthene	23.269	252	4591	0.062	ng/ul#	72
26) Benzo(a)pyrene	23.857	252	4369	0.067	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.488	276	5177	0.064	ng/ul#	75
28) Dibenzo(a,h)anthracene	26.511	278	4051	0.063	ng/ul#	79
29) Benzo(g,h,i)perylene	27.273	276	4017	0.062	ng/ul#	88

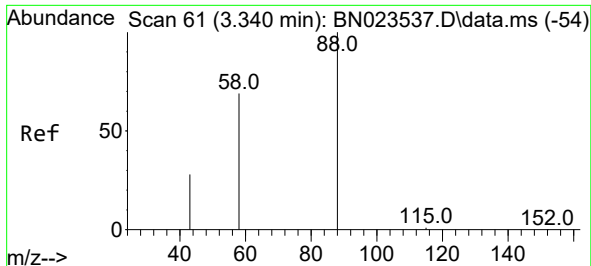
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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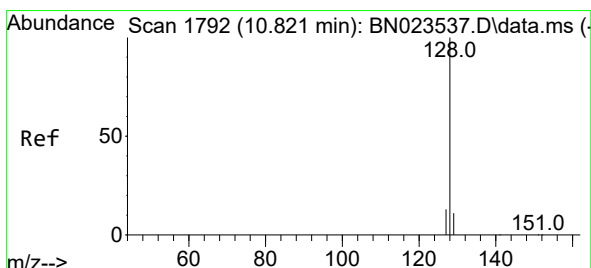
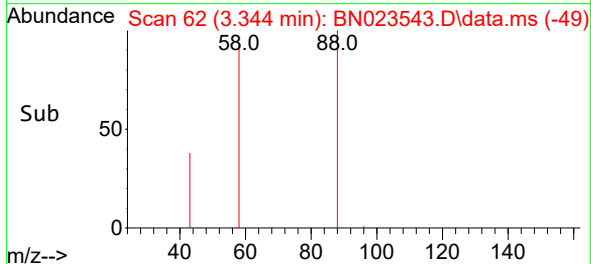
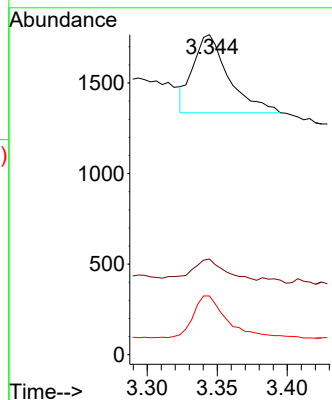
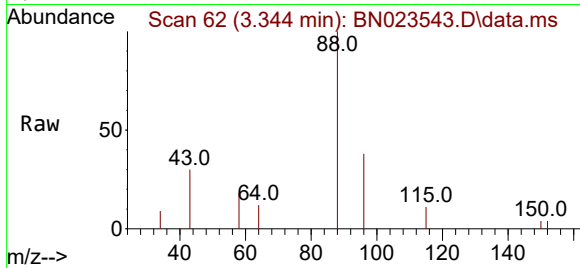




#2
1,4-Dioxane
Concen: 0.124 ng/ul
RT: 3.344 min Scan# 61
Delta R.T. 0.004 min
Lab File: BN023543.D
Acq: 03 Jan 2023 18:34

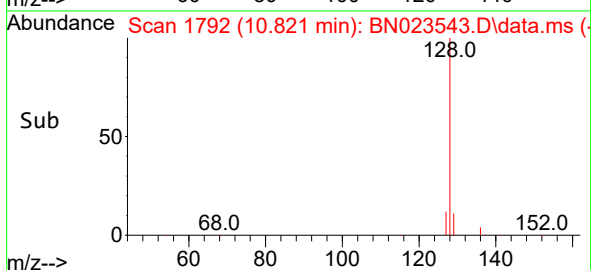
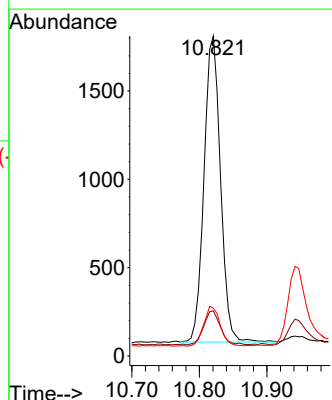
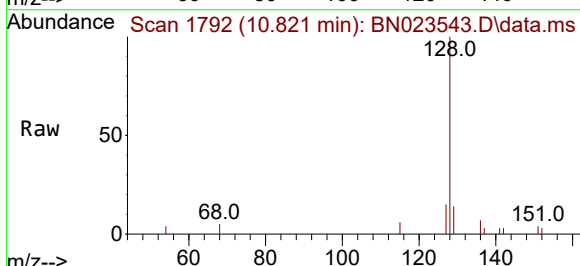
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2022-07

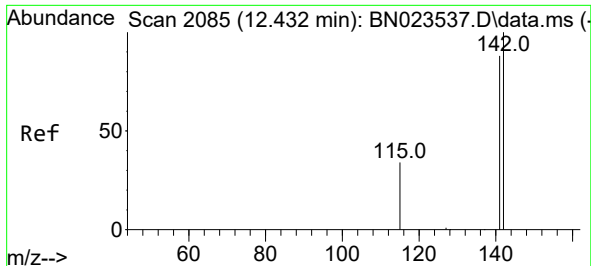
Tgt Ion: 88 Resp: 766
Ion Ratio Lower Upper
88 100
43 29.9 44.0 66.0#
58 18.3 50.5 75.7#



#5
Naphthalene
Concen: 0.062 ng/ul
RT: 10.821 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BN023543.D
Acq: 03 Jan 2023 18:34

Tgt Ion: 128 Resp: 2931
Ion Ratio Lower Upper
128 100
129 14.1 9.3 13.9#
127 15.0 10.9 16.3

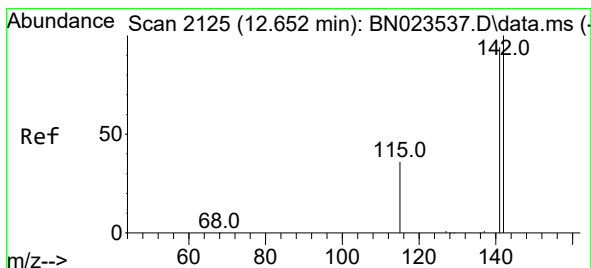
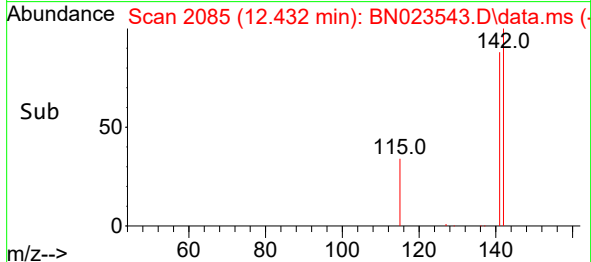
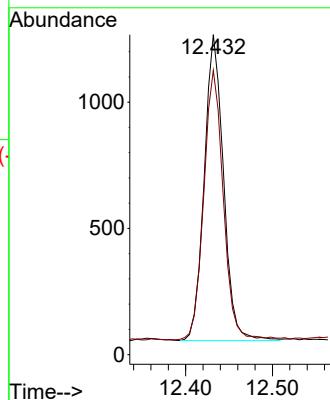
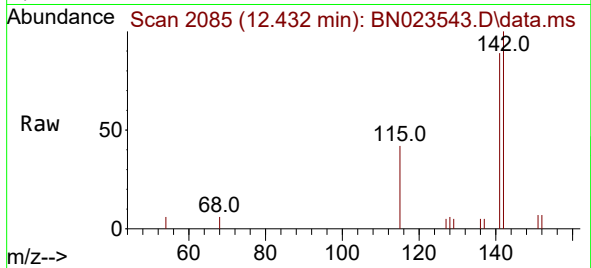




#7
2-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.432 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BN023543.D
Acq: 03 Jan 2023 18:34

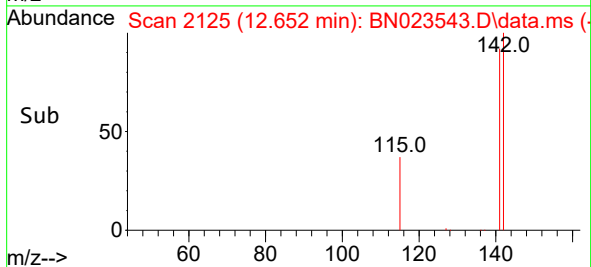
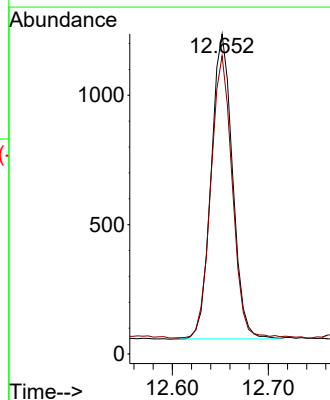
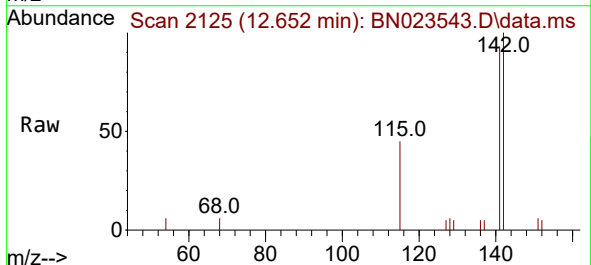
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2022-07

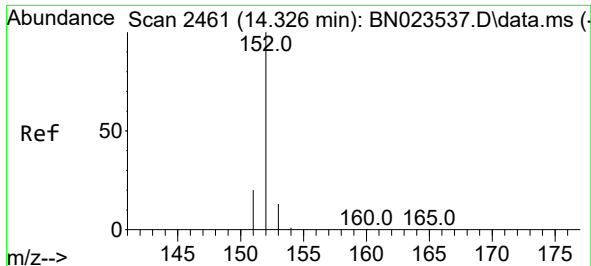
Tgt Ion:142 Resp: 1867
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.652 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BN023543.D
Acq: 03 Jan 2023 18:34

Tgt Ion:142 Resp: 1822
Ion Ratio Lower Upper
142 100
141 92.7 74.1 111.1

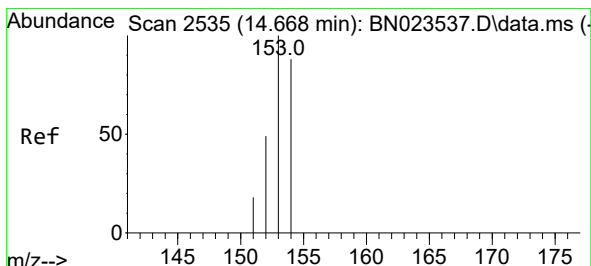
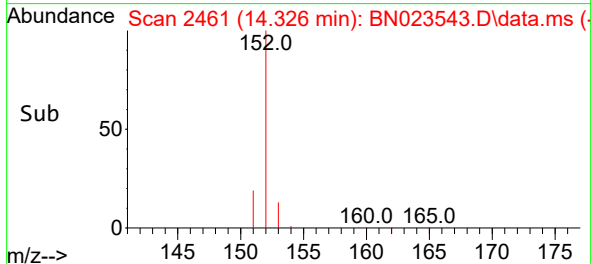
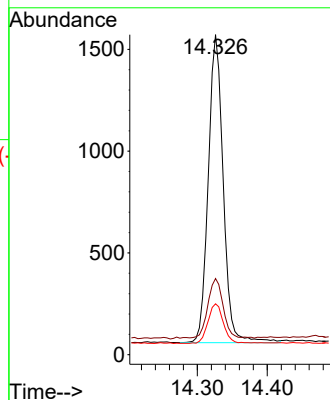
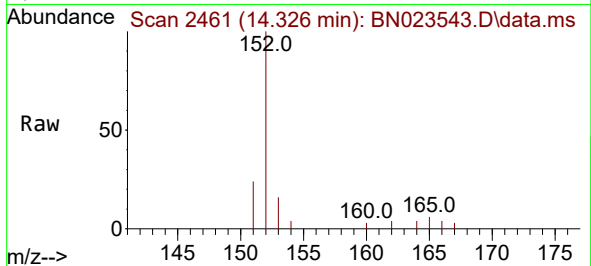




#10
Acenaphthylene
Concen: 0.062 ng/ul
RT: 14.326 min Scan# 2461
Delta R.T. -0.000 min
Lab File: BN023543.D
Acq: 03 Jan 2023 18:34

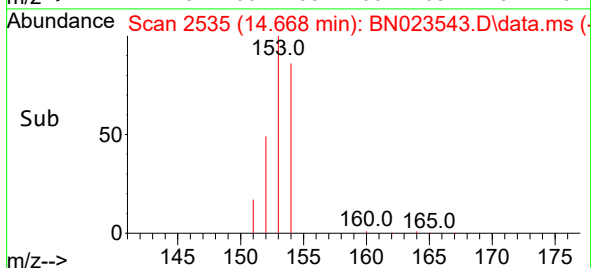
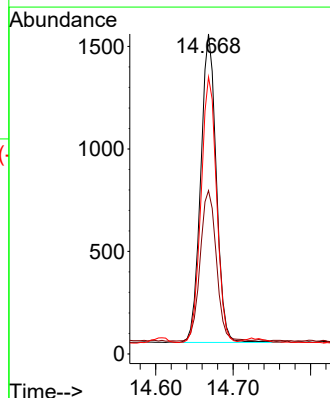
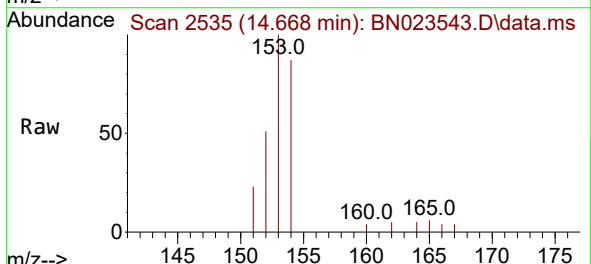
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2022-07

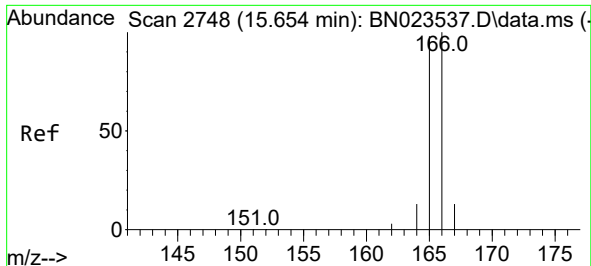
Tgt Ion:152	Resp:	2256
Ion Ratio	Lower	Upper
152	100	
151	23.8	16.3 24.5
153	15.9	10.7 16.1



#11
Acenaphthene
Concen: 0.065 ng/ul
RT: 14.668 min Scan# 2535
Delta R.T. -0.000 min
Lab File: BN023543.D
Acq: 03 Jan 2023 18:34

Tgt Ion:153	Resp:	2105
Ion Ratio	Lower	Upper
153	100	
152	51.1	39.8 59.8
154	86.5	70.1 105.1





#12

Fluorene

Concen: 0.064 ng/ul

RT: 15.654 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN023543.D

Acq: 03 Jan 2023 18:34

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT4-2022-07

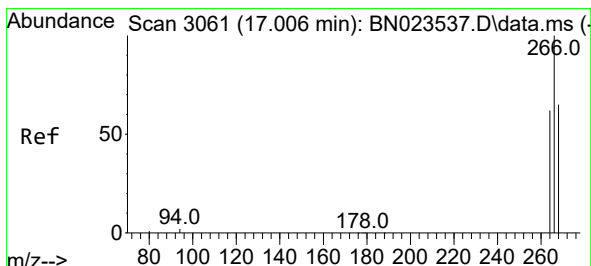
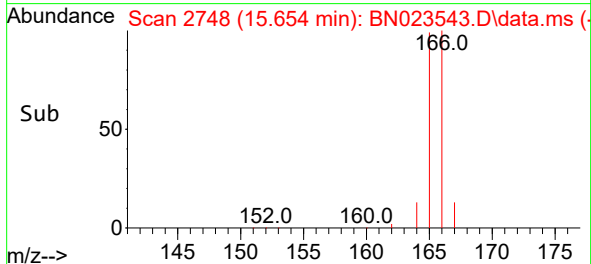
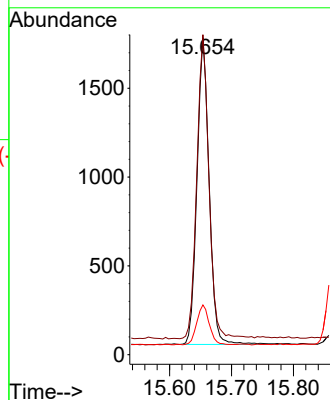
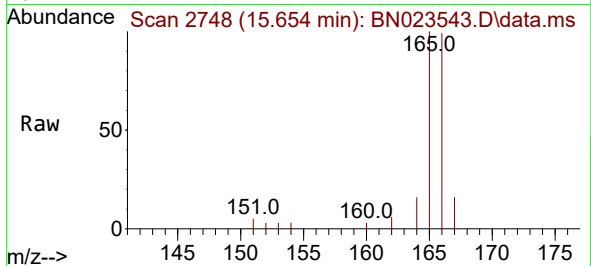
Tgt Ion:166 Resp: 2363

Ion Ratio Lower Upper

166 100

165 101.0 78.7 118.1

167 15.7 11.0 16.6



#14

Pentachlorophenol

Concen: 0.059 ng/ul

RT: 17.006 min Scan# 3061

Delta R.T. -0.000 min

Lab File: BN023543.D

Acq: 03 Jan 2023 18:34

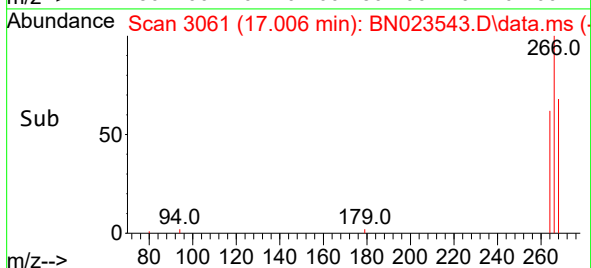
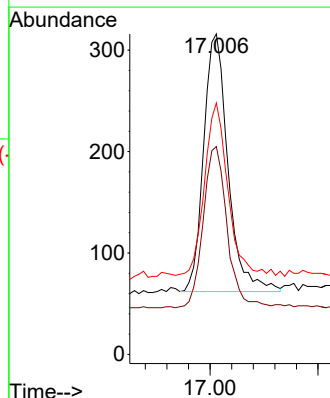
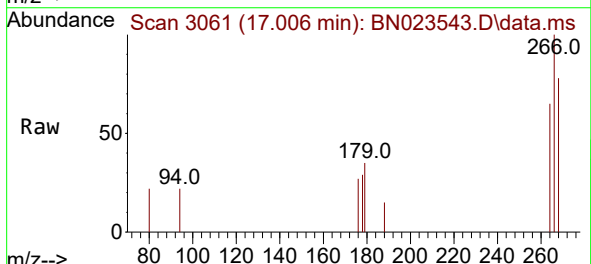
Tgt Ion:266 Resp: 398

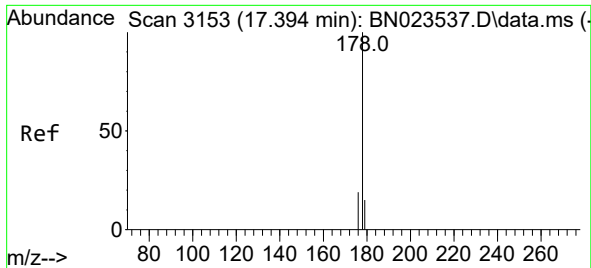
Ion Ratio Lower Upper

266 100

264 62.3 50.0 75.0

268 66.3 51.4 77.0

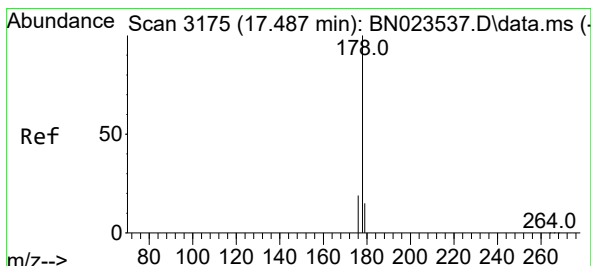
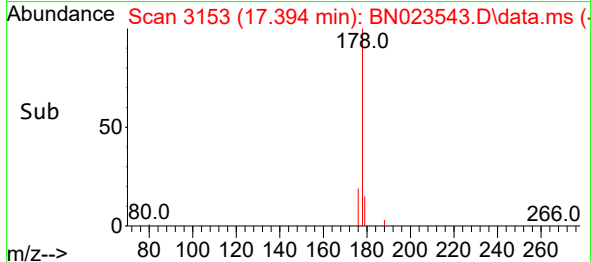
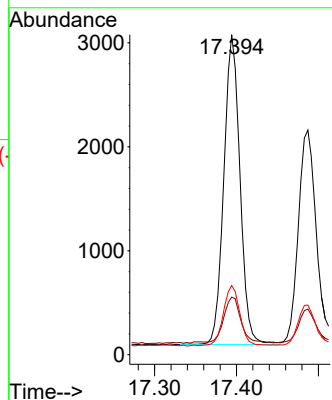
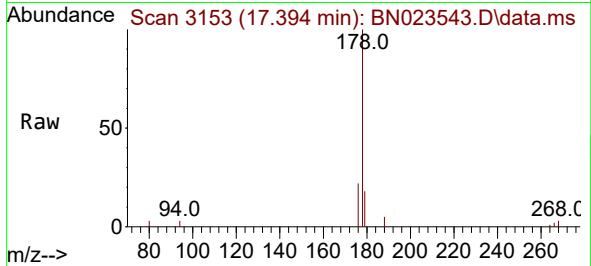




#15
Phenanthrene
Concen: 0.063 ng/ul
RT: 17.394 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BN023543.D
Acq: 03 Jan 2023 18:34

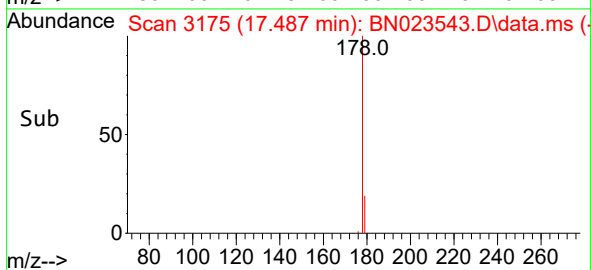
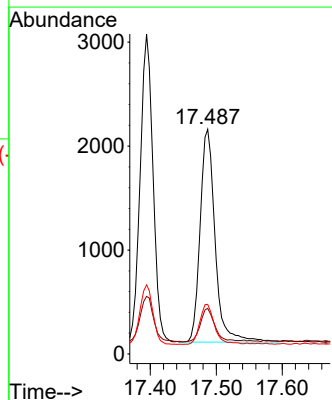
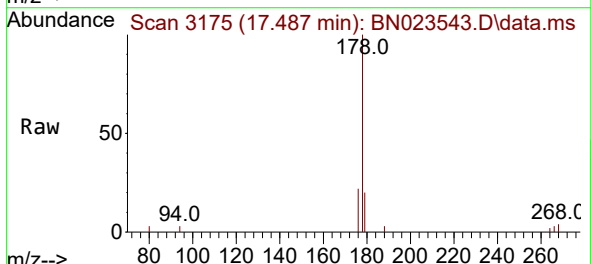
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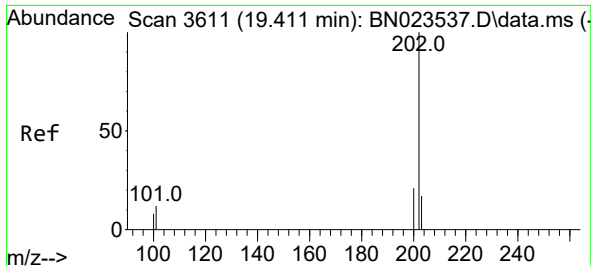
Tgt Ion:178	Resp:	4093
Ion Ratio	Lower	Upper
178	100	
179	18.0	12.6 18.8
176	21.6	15.8 23.8



#16
Anthracene
Concen: 0.058 ng/ul
RT: 17.487 min Scan# 3175
Delta R.T. -0.000 min
Lab File: BN023543.D
Acq: 03 Jan 2023 18:34

Tgt Ion:178	Resp:	3233
Ion Ratio	Lower	Upper
178	100	
179	20.3	12.7 19.1#
176	22.1	15.4 23.2

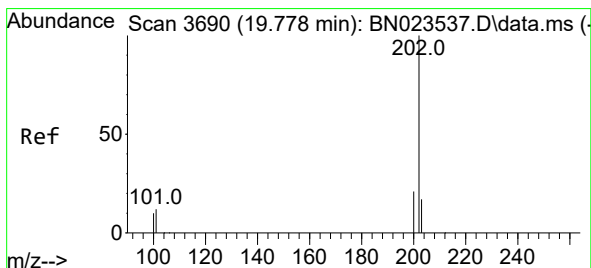
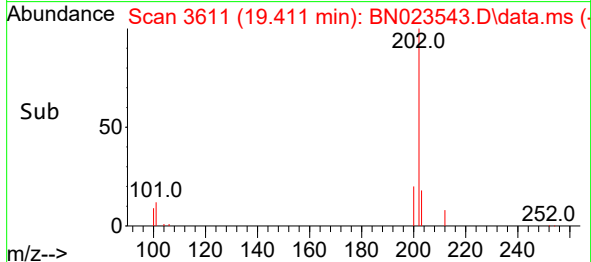
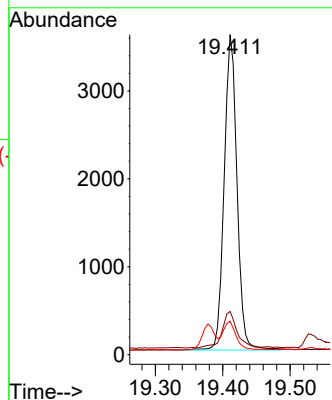
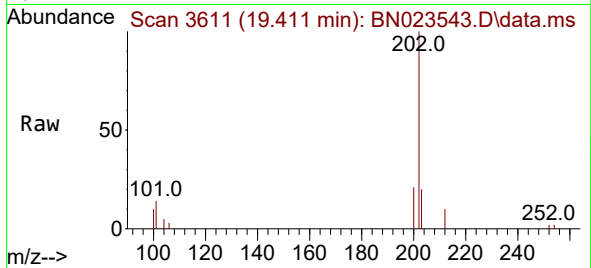




#19
Fluoranthene
Concen: 0.069 ng/ul
RT: 19.411 min Scan# 3611
Delta R.T. -0.000 min
Lab File: BN023543.D
Acq: 03 Jan 2023 18:34

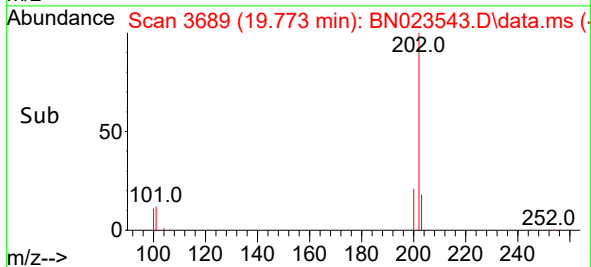
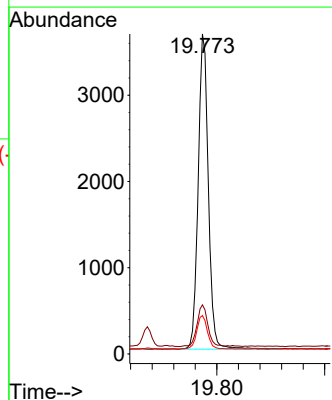
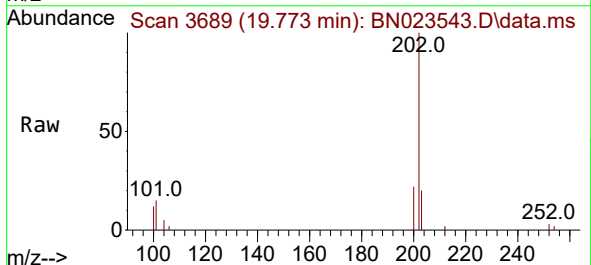
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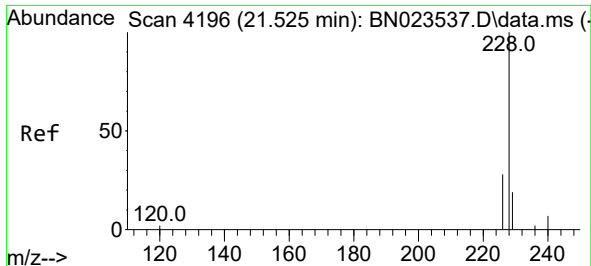
Tgt Ion:202 Resp: 4741
Ion Ratio Lower Upper
202 100
101 13.5 9.8 14.6
100 10.4 7.4 11.2



#20
Pyrene
Concen: 0.066 ng/ul
RT: 19.773 min Scan# 3689
Delta R.T. -0.005 min
Lab File: BN023543.D
Acq: 03 Jan 2023 18:34

Tgt Ion:202 Resp: 4783
Ion Ratio Lower Upper
202 100
101 15.4 10.3 15.5
100 12.0 8.0 12.0#

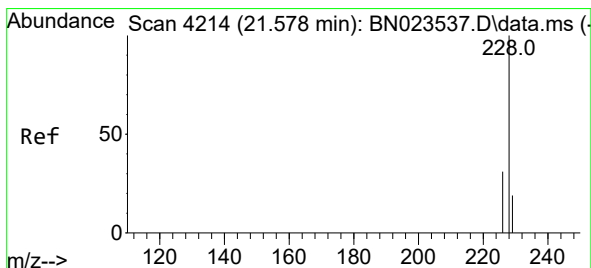
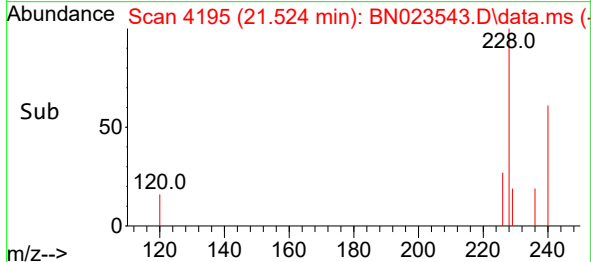
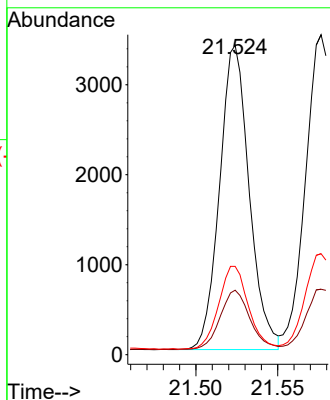
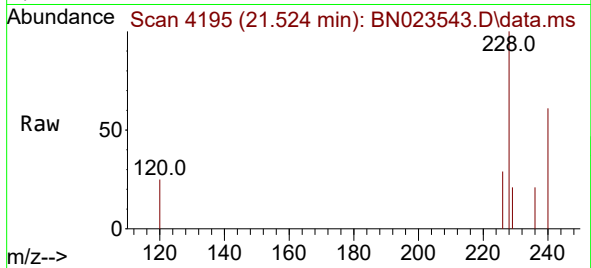




#21
Benzo(a)anthracene
Concen: 0.063 ng/ul
RT: 21.524 min Scan# 4196
Delta R.T. -0.001 min
Lab File: BN023543.D
Acq: 03 Jan 2023 18:34

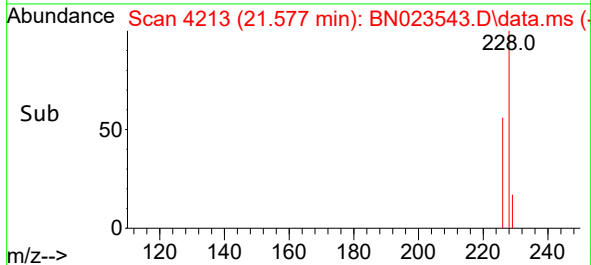
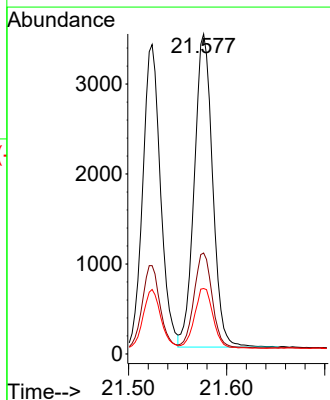
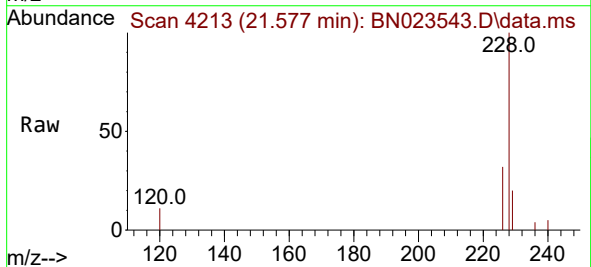
Instrument :
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MDL-WATER-QT4-2022-07

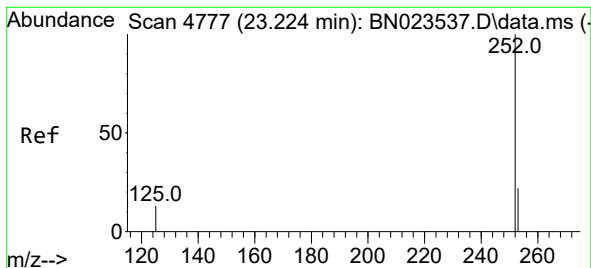
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Ion Ratio	Lower	Upper
228	100	
229	20.8	15.5 23.3
226	28.5	22.4 33.6



#22
Chrysene
Concen: 0.066 ng/ul
RT: 21.577 min Scan# 4213
Delta R.T. -0.001 min
Lab File: BN023543.D
Acq: 03 Jan 2023 18:34

Tgt Ion:228	Resp:	4513
Ion Ratio	Lower	Upper
228	100	
226	31.5	24.9 37.3
229	20.5	15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.060 ng/ul

RT: 23.269 min Scan# 4792

Delta R.T. 0.045 min

Lab File: BN023543.D

Acq: 03 Jan 2023 18:34

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT4-2022-07

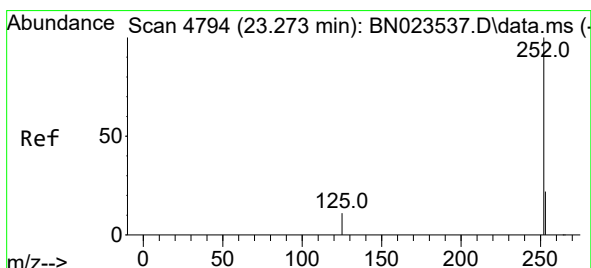
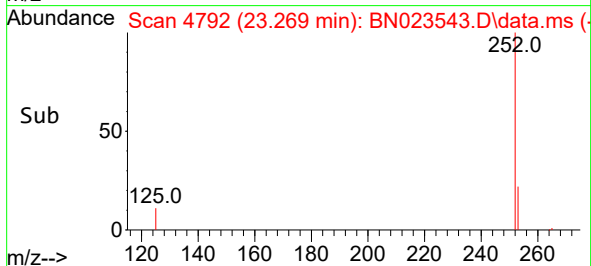
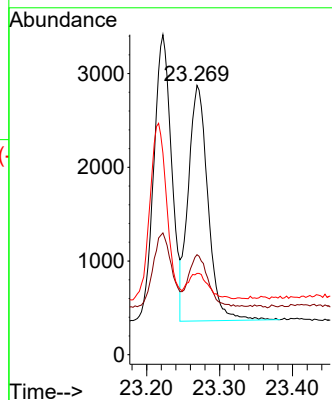
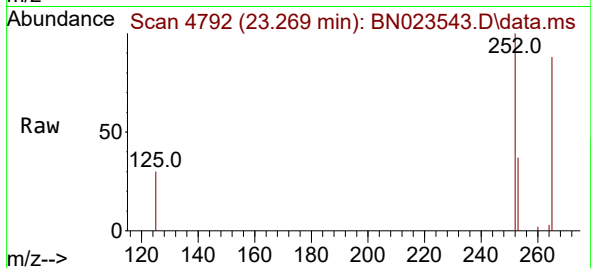
Tgt Ion:252 Resp: 4696

Ion Ratio Lower Upper

252 100

253 37.2 0.0 49.2

125 30.2 0.0 34.2



#25

Benzo(k)fluoranthene

Concen: 0.062 ng/ul

RT: 23.269 min Scan# 4792

Delta R.T. -0.004 min

Lab File: BN023543.D

Acq: 03 Jan 2023 18:34

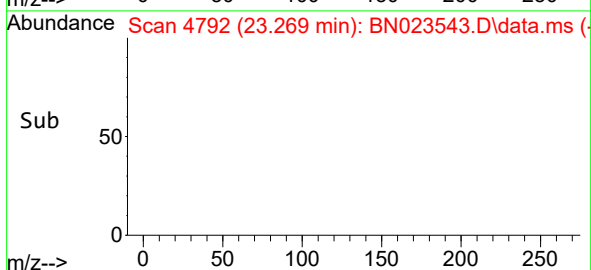
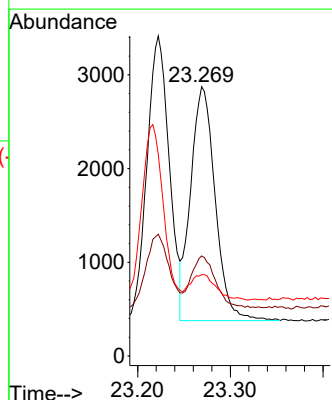
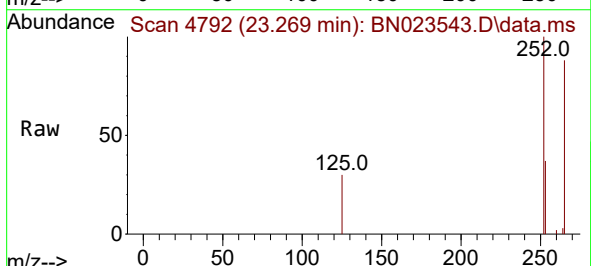
Tgt Ion:252 Resp: 4591

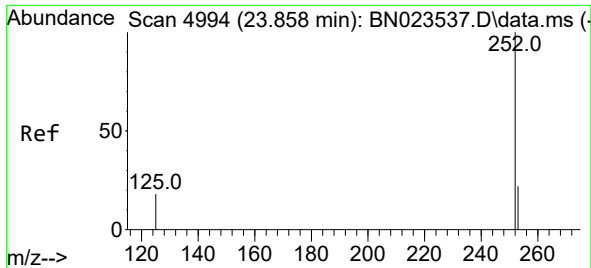
Ion Ratio Lower Upper

252 100

253 37.2 20.2 30.2#

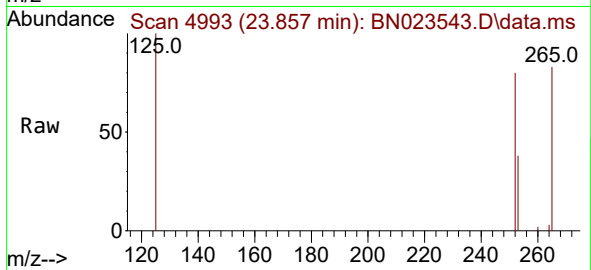
125 30.2 12.1 18.1#



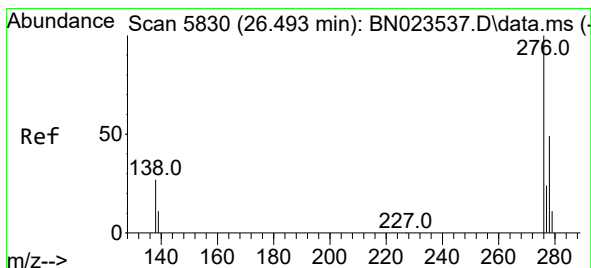
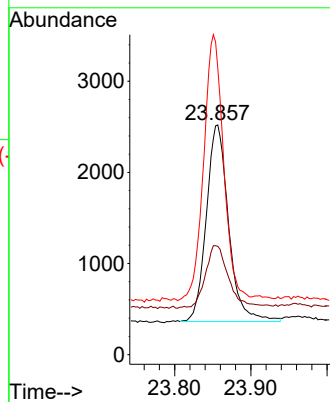
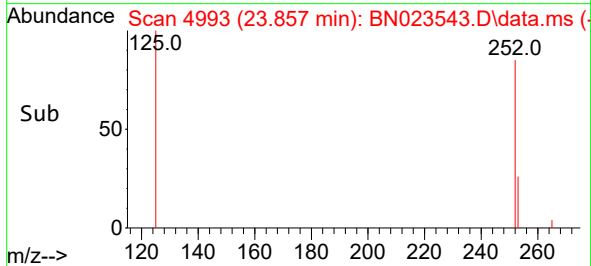


#26
Benzo(a)pyrene
Concen: 0.067 ng/ul
RT: 23.857 min Scan# 4993
Delta R.T. -0.001 min
Lab File: BN023543.D
Acq: 03 Jan 2023 18:34

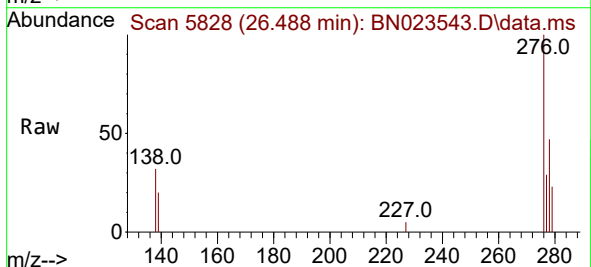
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2022-07



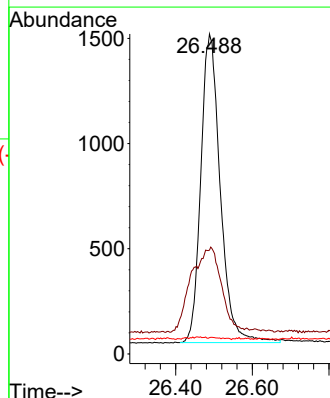
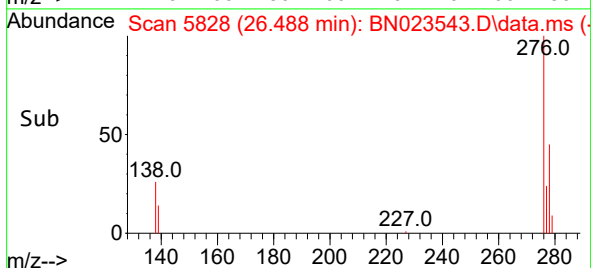
Tgt Ion:252 Resp: 4369
Ion Ratio Lower Upper
252 100
253 47.1 21.4 32.0#
125 124.6 18.4 27.6#

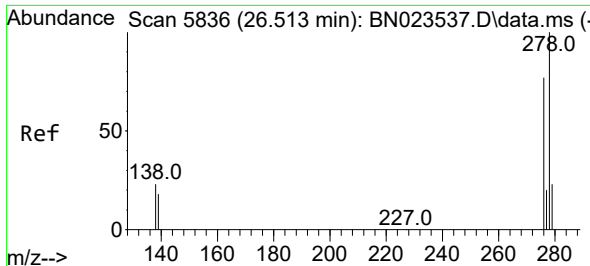


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.064 ng/ul
RT: 26.488 min Scan# 5828
Delta R.T. -0.005 min
Lab File: BN023543.D
Acq: 03 Jan 2023 18:34



Tgt Ion:276 Resp: 5177
Ion Ratio Lower Upper
276 100
138 42.4 23.2 34.8#
227 0.2 0.1 0.1#

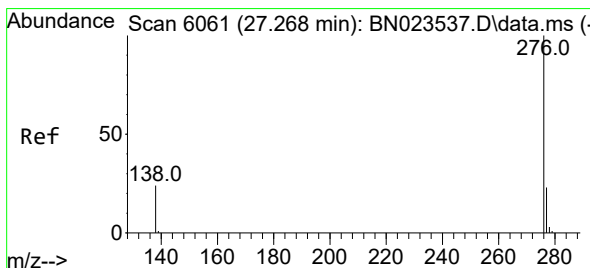
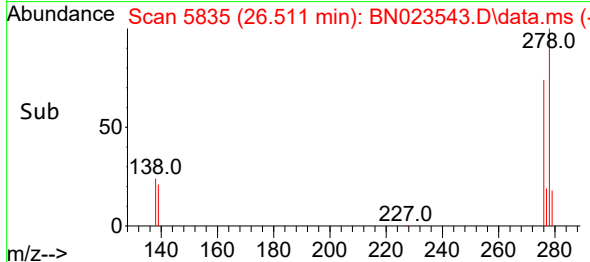
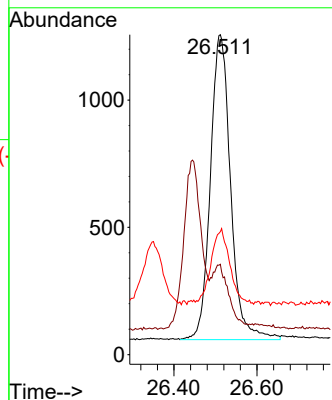
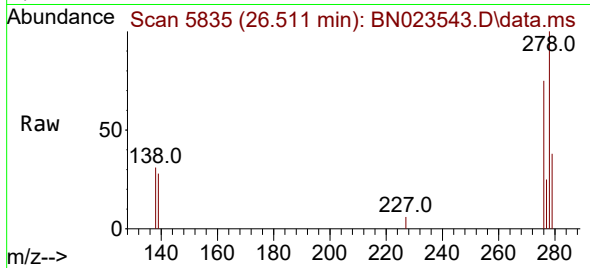




#28
Dibenzo(a,h)anthracene
Concen: 0.063 ng/ul
RT: 26.511 min Scan# 5836
Delta R.T. -0.002 min
Lab File: BN023543.D
Acq: 03 Jan 2023 18:34

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2022-07

Tgt Ion:278 Resp: 4051
Ion Ratio Lower Upper
278 100
139 28.2 16.5 24.7#
279 38.4 21.0 31.4#



#29
Benzo(g,h,i)perylene
Concen: 0.062 ng/ul
RT: 27.273 min Scan# 6062
Delta R.T. 0.005 min
Lab File: BN023543.D
Acq: 03 Jan 2023 18:34

Tgt Ion:276 Resp: 4017
Ion Ratio Lower Upper
276 100
138 32.2 20.7 31.1#
277 30.2 19.6 29.4#

