

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010423\
 Data File : BN023548.D
 Acq On : 04 Jan 2023 11:09
 Operator : CG/JU
 Sample : N5388-02
 Misc : SFAM-SIM-MDL-W-02
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT4-2022-08

Quant Time: Jan 04 12:57:37 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)

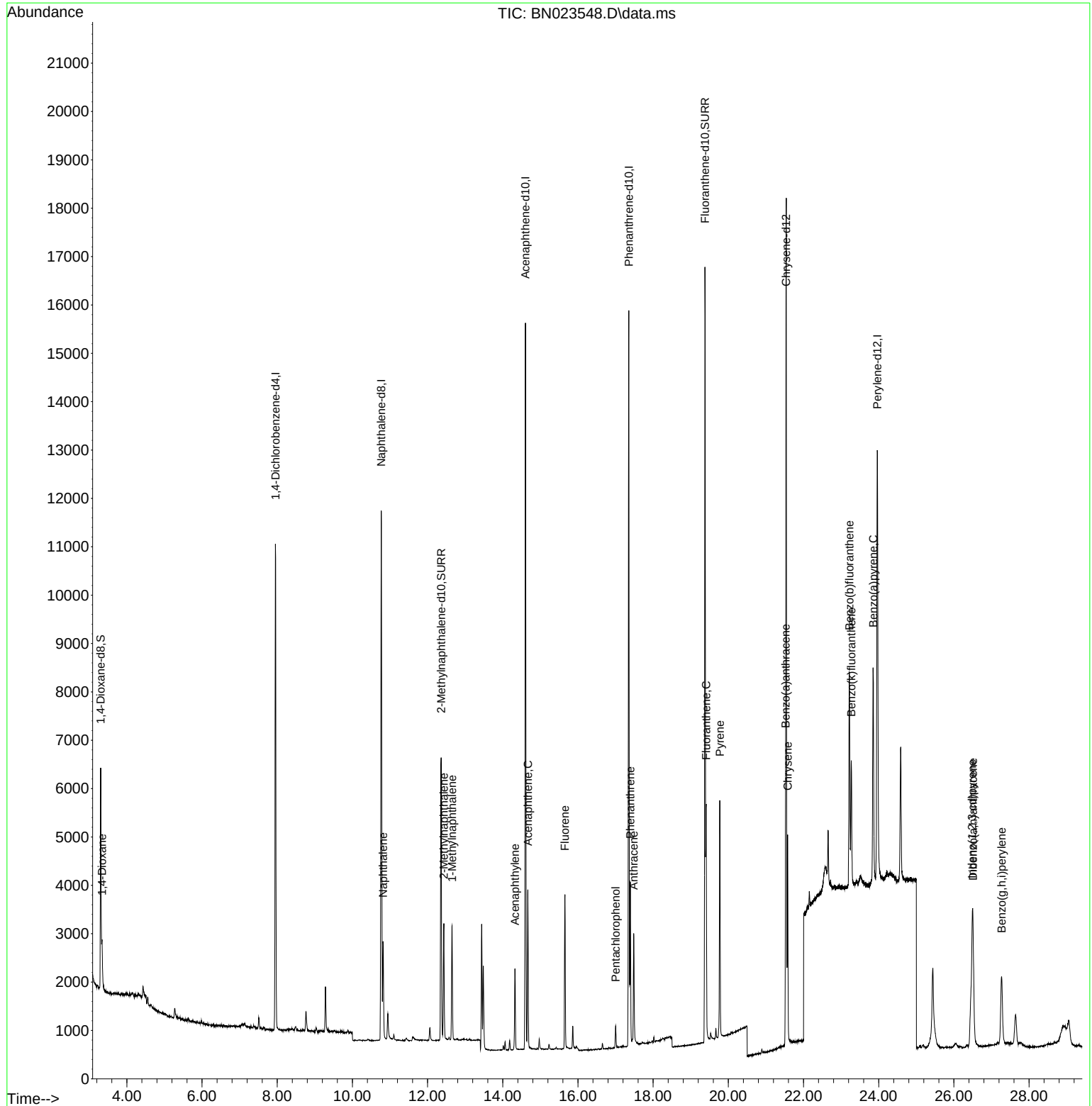
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	4984	0.400	ng/ul	0.00
4) Naphthalene-d8	10.766	136	15023	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.604	164	7816	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	17462	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	14685	0.400	ng/ul	0.00
23) Perylene-d12	23.966	264	12978	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	3178	0.576	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.361	152	7686	0.333	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	17226	0.401	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	483m	0.083	ng/ul	
5) Naphthalene	10.815	128	2691	0.062	ng/ul#	92
7) 2-Methylnaphthalene	12.432	142	1653	0.060	ng/ul	98
8) 1-Methylnaphthalene	12.652	142	1643	0.058	ng/ul	99
10) Acenaphthylene	14.326	152	1925	0.060	ng/ul#	91
11) Acenaphthene	14.668	153	1826	0.065	ng/ul	99
12) Fluorene	15.654	166	2016	0.062	ng/ul#	98
14) Pentachlorophenol	17.002	266	331	0.059	ng/ul	97
15) Phenanthrene	17.394	178	3398	0.062	ng/ul#	94
16) Anthracene	17.483	178	2661	0.057	ng/ul#	90
19) Fluoranthene	19.411	202	3929	0.071	ng/ul	97
20) Pyrene	19.773	202	3972	0.068	ng/ul	94
21) Benzo(a)anthracene	21.522	228	3424	0.063	ng/ul	97
22) Chrysene	21.578	228	3664	0.067	ng/ul	98
24) Benzo(b)fluoranthene	23.221	252	4137	0.069	ng/ul#	27
25) Benzo(k)fluoranthene	23.270	252	3556	0.063	ng/ul#	65
26) Benzo(a)pyrene	23.855	252	3515	0.070	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.486	276	4130	0.067	ng/ul#	72
28) Dibenzo(a,h)anthracene	26.510	278	3217	0.065	ng/ul#	76
29) Benzo(g,h,i)perylene	27.271	276	3258	0.066	ng/ul#	88

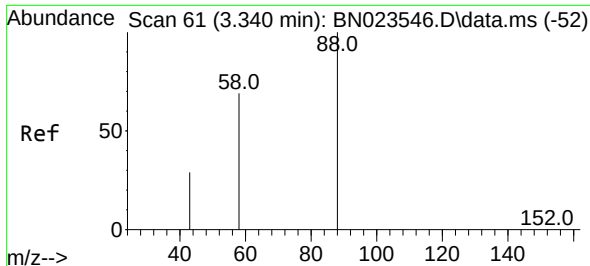
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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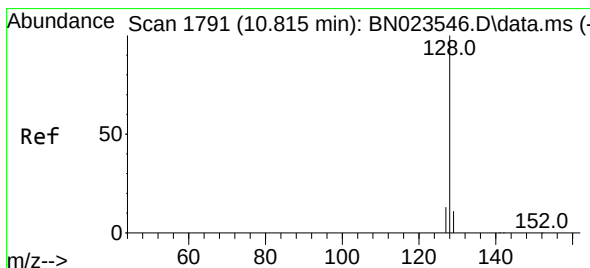
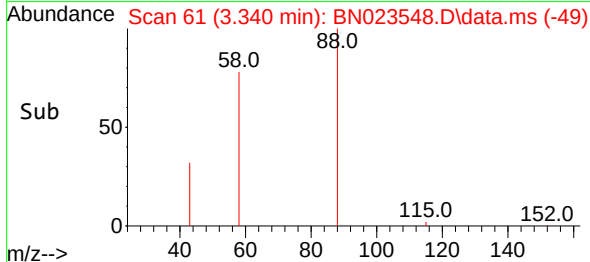
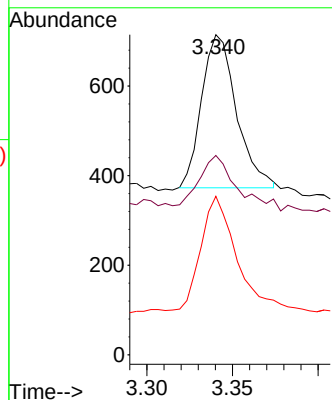
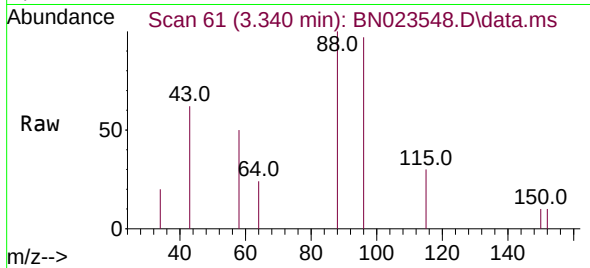




#2
1,4-Dioxane
Concen: 0.083 ng/ul m
RT: 3.340 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN023548.D
Acq: 04 Jan 2023 11:09

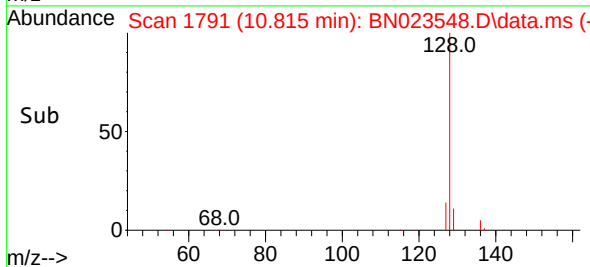
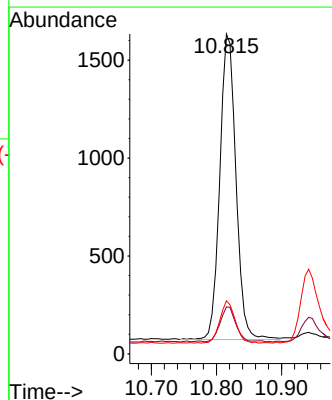
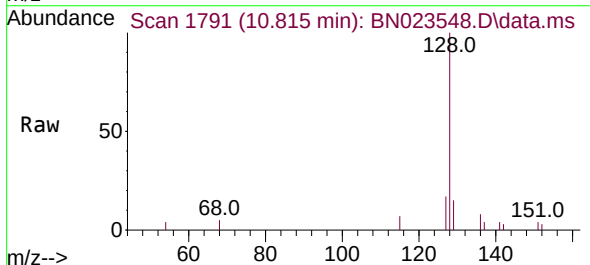
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2022-08

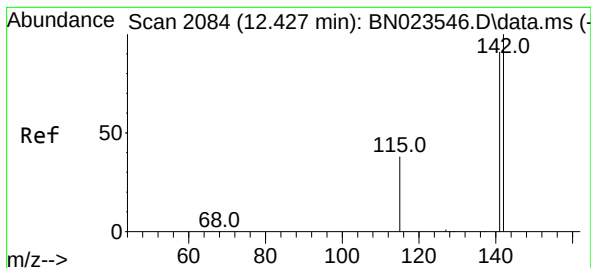
Tgt Ion: 88 Resp: 483
Ion Ratio Lower Upper
88 100
43 62.2 44.0 66.0
58 49.5 50.5 75.7#



#5
Naphthalene
Concen: 0.062 ng/ul
RT: 10.815 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BN023548.D
Acq: 04 Jan 2023 11:09

Tgt Ion: 128 Resp: 2691
Ion Ratio Lower Upper
128 100
129 14.7 9.3 13.9#
127 16.6 10.9 16.3#





#7

2-Methylnaphthalene

Concen: 0.060 ng/ul

RT: 12.432 min Scan# 2085

Delta R.T. -0.000 min

Lab File: BN023548.D

Acq: 04 Jan 2023 11:09

Instrument :

BNA_N

ClientSampleId :

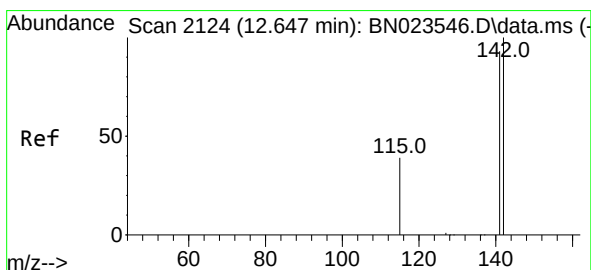
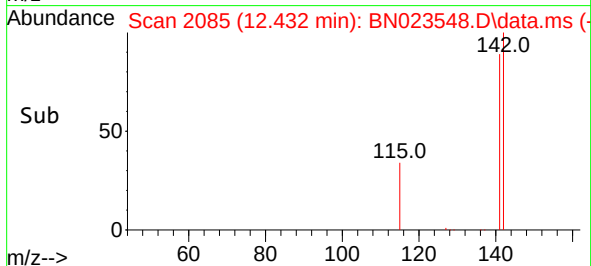
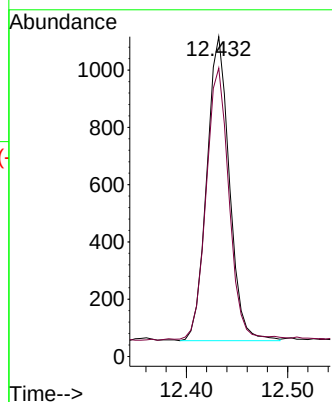
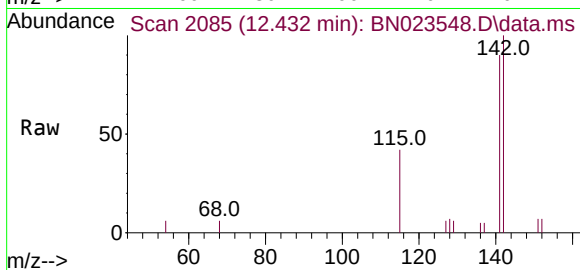
MDL-WATER-QT4-2022-08

Tgt Ion:142 Resp: 1653

Ion Ratio Lower Upper

142 100

141 91.1 71.4 107.2



#8

1-Methylnaphthalene

Concen: 0.058 ng/ul

RT: 12.652 min Scan# 2125

Delta R.T. -0.000 min

Lab File: BN023548.D

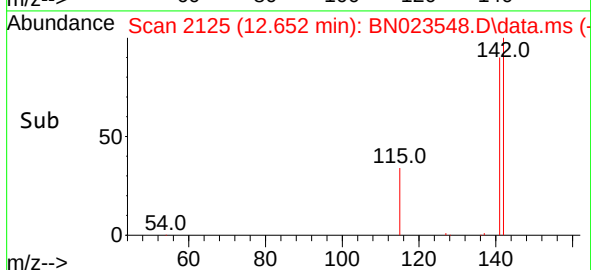
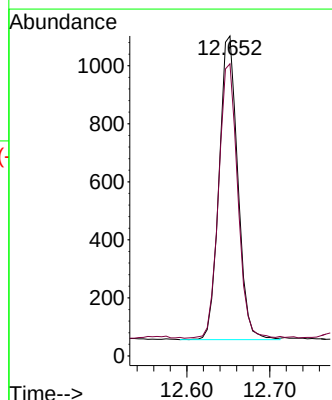
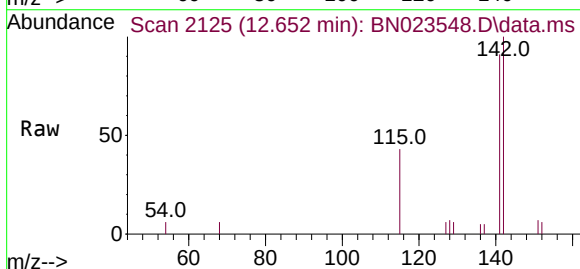
Acq: 04 Jan 2023 11:09

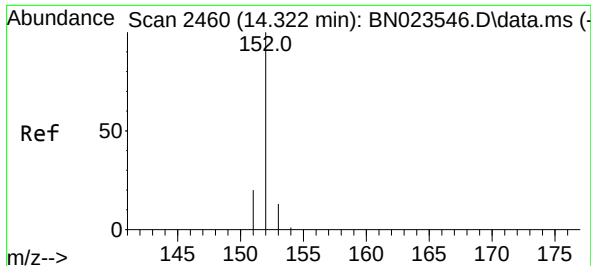
Tgt Ion:142 Resp: 1643

Ion Ratio Lower Upper

142 100

141 92.1 74.1 111.1

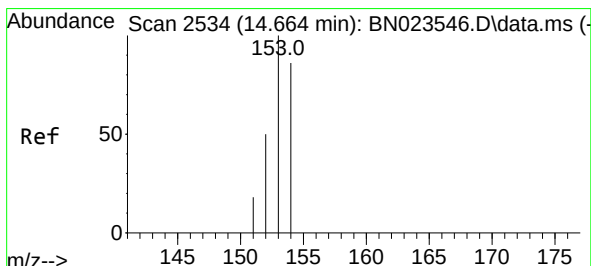
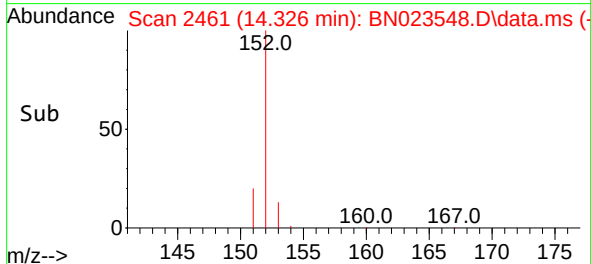
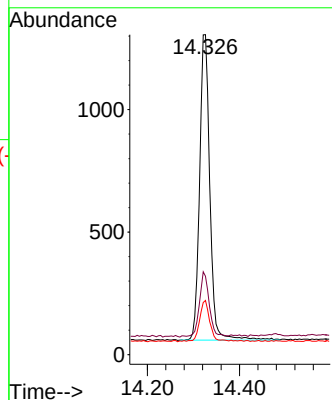
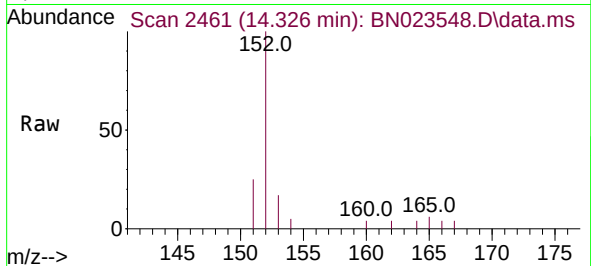




#10
Acenaphthylene
Concen: 0.060 ng/ul
RT: 14.326 min Scan# 2461
Delta R.T. -0.000 min
Lab File: BN023548.D
Acq: 04 Jan 2023 11:09

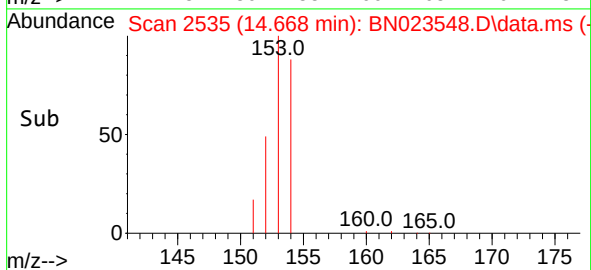
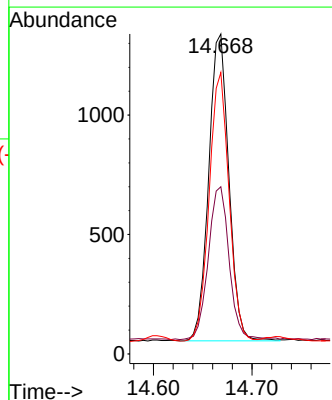
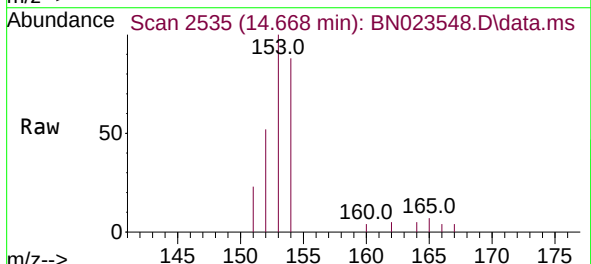
Instrument :
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ClientSampleId :
MDL-WATER-QT4-2022-08

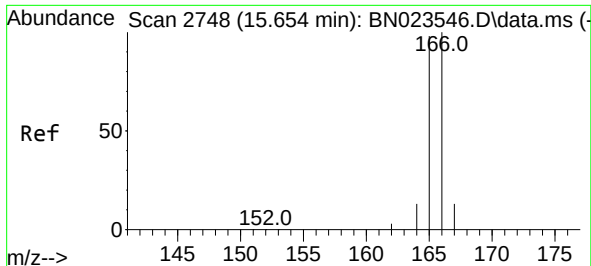
Tgt Ion:152 Resp: 1925
Ion Ratio Lower Upper
152 100
151 24.5 16.3 24.5#
153 16.9 10.7 16.1#



#11
Acenaphthene
Concen: 0.065 ng/ul
RT: 14.668 min Scan# 2535
Delta R.T. -0.000 min
Lab File: BN023548.D
Acq: 04 Jan 2023 11:09

Tgt Ion:153 Resp: 1826
Ion Ratio Lower Upper
153 100
152 52.2 39.8 59.8
154 87.9 70.1 105.1

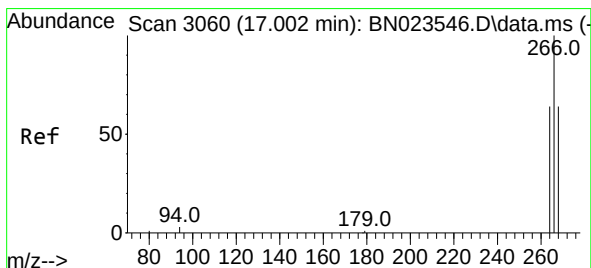
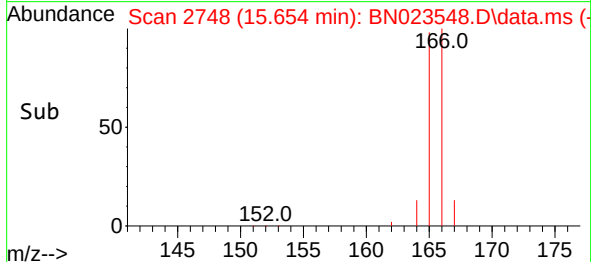
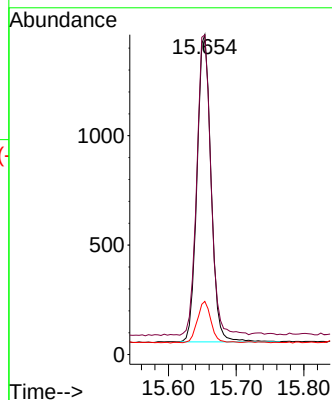
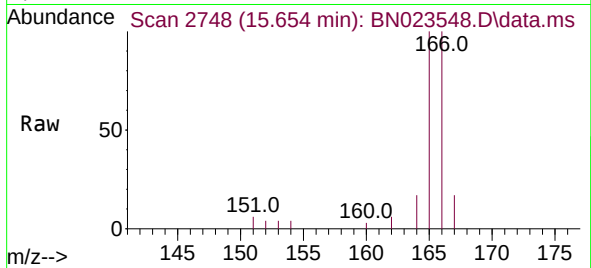




#12
Fluorene
Concen: 0.062 ng/ul
RT: 15.654 min Scan# 2748
Delta R.T. -0.000 min
Lab File: BN023548.D
Acq: 04 Jan 2023 11:09

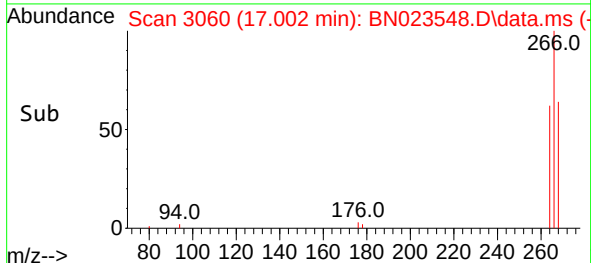
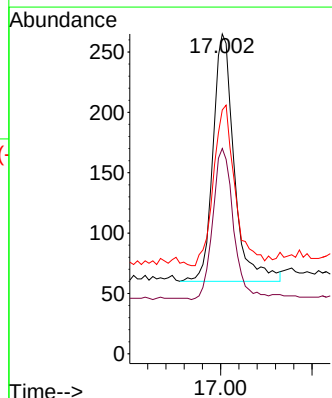
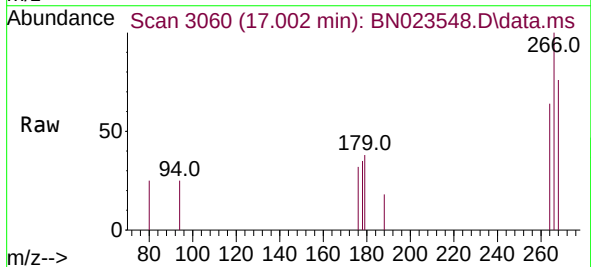
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2022-08

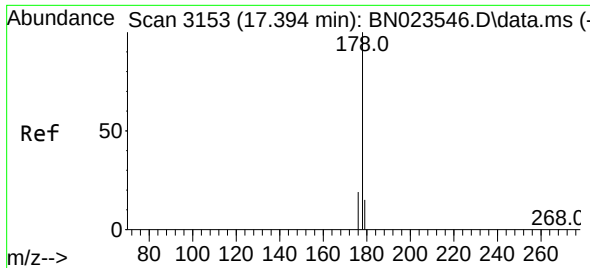
Tgt Ion:166 Resp: 2016
Ion Ratio Lower Upper
166 100
165 99.9 78.7 118.1
167 16.6 11.0 16.6#



#14
Pentachlorophenol
Concen: 0.059 ng/ul
RT: 17.002 min Scan# 3060
Delta R.T. -0.004 min
Lab File: BN023548.D
Acq: 04 Jan 2023 11:09

Tgt Ion:266 Resp: 331
Ion Ratio Lower Upper
266 100
264 59.5 50.0 75.0
268 66.5 51.4 77.0

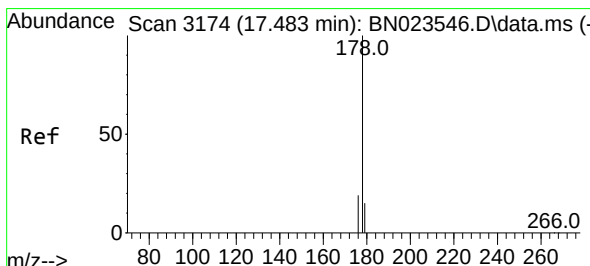
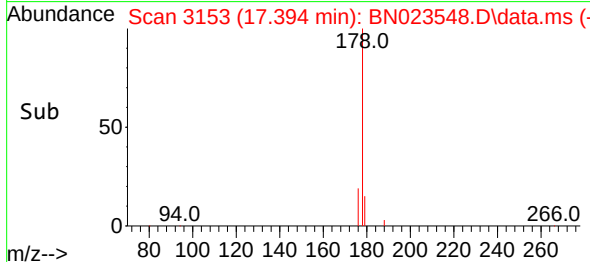
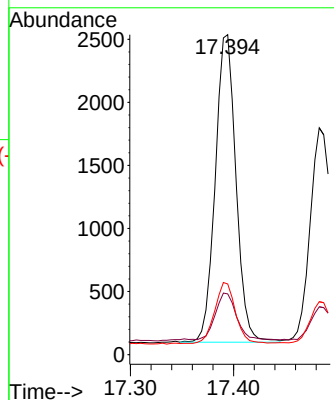
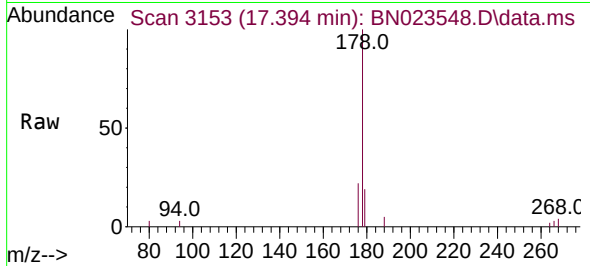




#15
Phenanthrene
Concen: 0.062 ng/ul
RT: 17.394 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BN023548.D
Acq: 04 Jan 2023 11:09

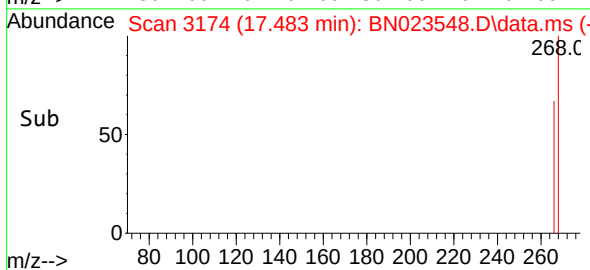
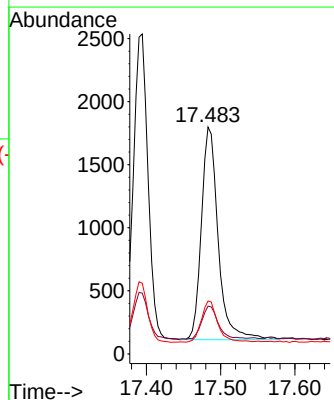
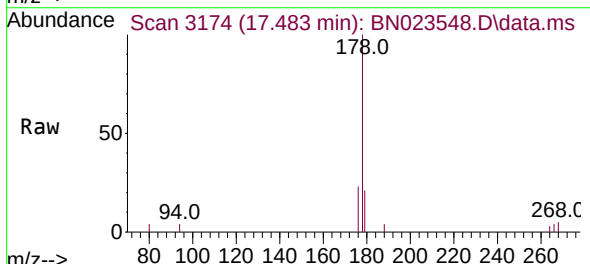
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2022-08

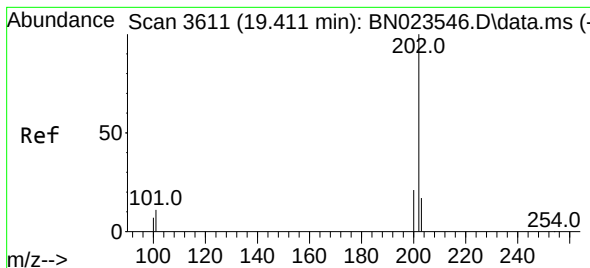
Tgt Ion:178 Resp: 3398
Ion Ratio Lower Upper
178 100
179 19.0 12.6 18.8#
176 22.1 15.8 23.8



#16
Anthracene
Concen: 0.057 ng/ul
RT: 17.483 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BN023548.D
Acq: 04 Jan 2023 11:09

Tgt Ion:178 Resp: 2661
Ion Ratio Lower Upper
178 100
179 21.1 12.7 19.1#
176 23.3 15.4 23.2#





#19

Fluoranthene

Concen: 0.071 ng/ul

RT: 19.411 min Scan# 3611

Delta R.T. -0.000 min

Lab File: BN023548.D

Acq: 04 Jan 2023 11:09

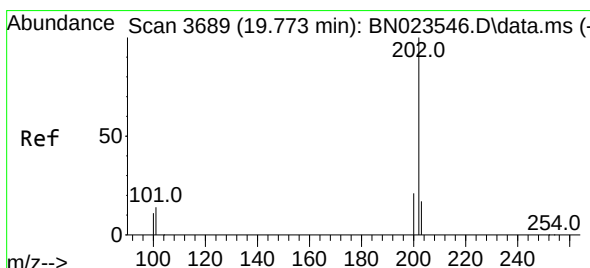
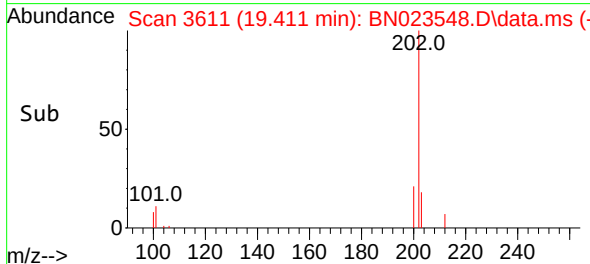
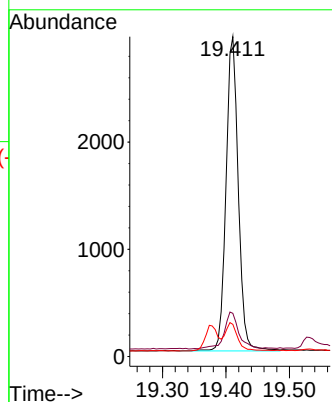
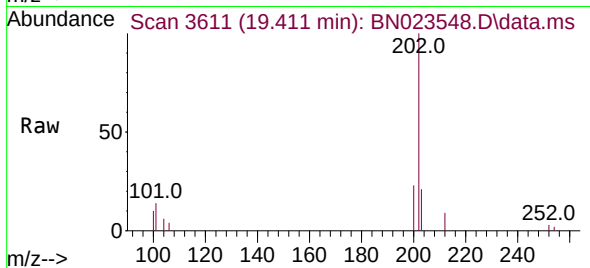
Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT4-2022-08

Tgt Ion:202	Resp:	3929
Ion Ratio	Lower	Upper
202	100	
101	13.5	9.8 14.6
100	10.1	7.4 11.2



#20

Pyrene

Concen: 0.068 ng/ul

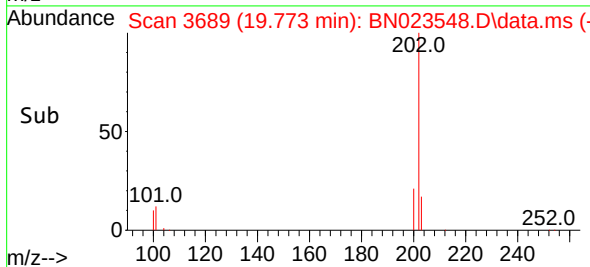
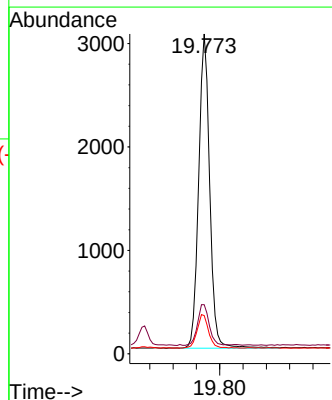
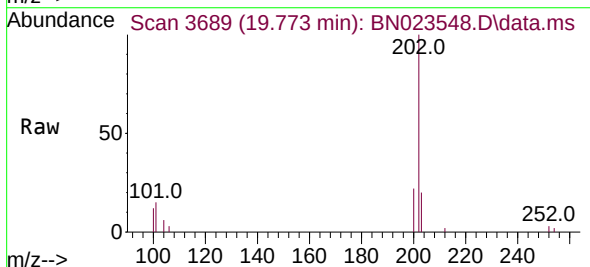
RT: 19.773 min Scan# 3689

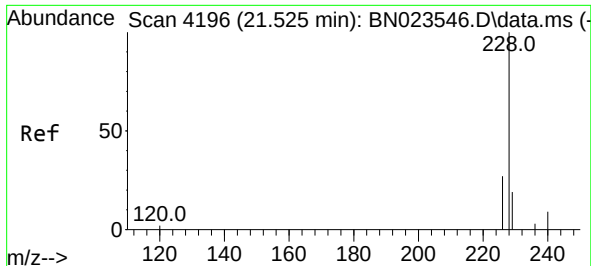
Delta R.T. -0.005 min

Lab File: BN023548.D

Acq: 04 Jan 2023 11:09

Tgt Ion:202	Resp:	3972
Ion Ratio	Lower	Upper
202	100	
101	15.4	10.3 15.5
100	12.0	8.0 12.0

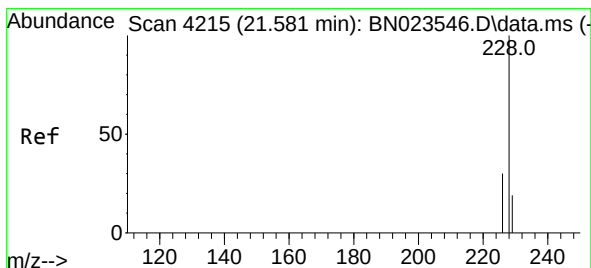
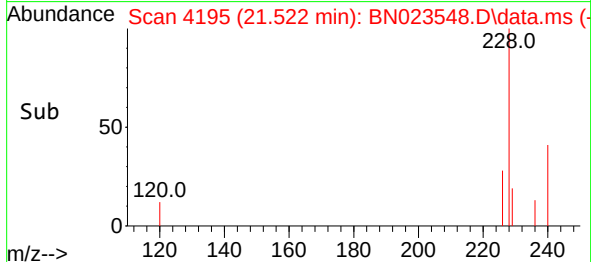
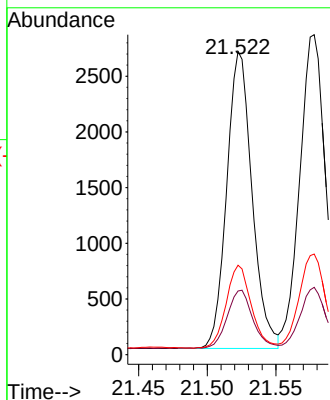
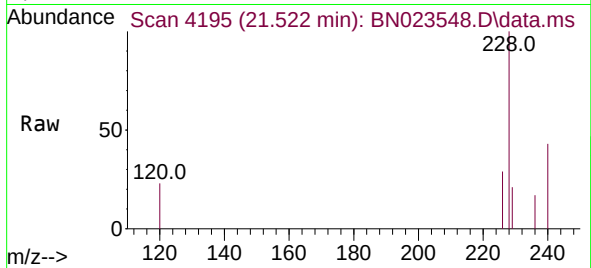




#21
Benzo(a)anthracene
Concen: 0.063 ng/ul
RT: 21.522 min Scan# 4195
Delta R.T. -0.003 min
Lab File: BN023548.D
Acq: 04 Jan 2023 11:09

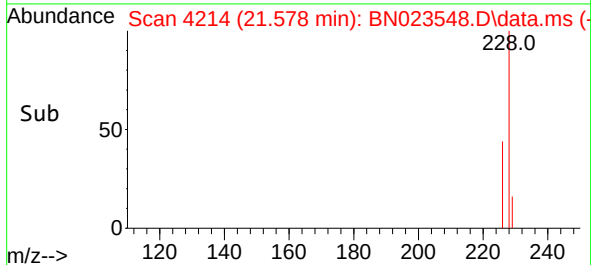
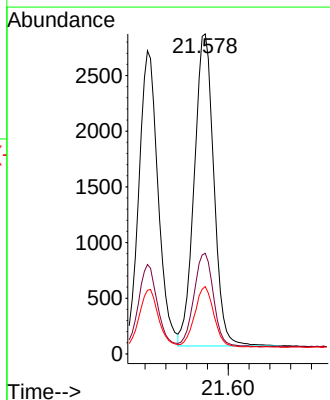
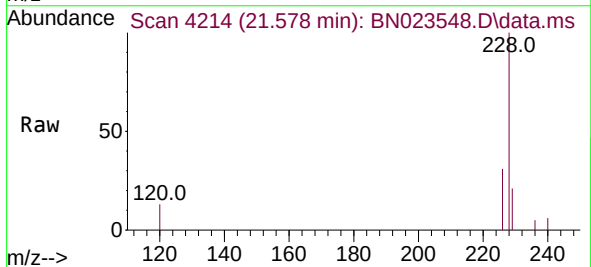
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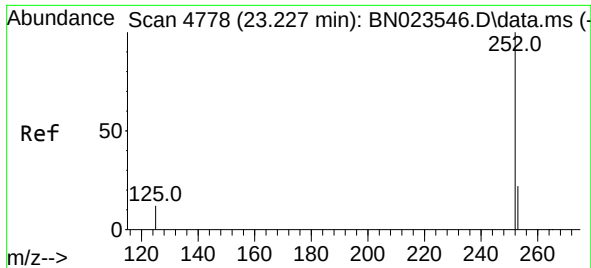
Tgt Ion:228	Resp:	3424
Ion Ratio	Lower	Upper
228	100	
229	21.0	15.5 23.3
226	29.5	22.4 33.6



#22
Chrysene
Concen: 0.067 ng/ul
RT: 21.578 min Scan# 4214
Delta R.T. -0.000 min
Lab File: BN023548.D
Acq: 04 Jan 2023 11:09

Tgt Ion:228	Resp:	3664
Ion Ratio	Lower	Upper
228	100	
226	31.5	24.9 37.3
229	21.1	15.8 23.6

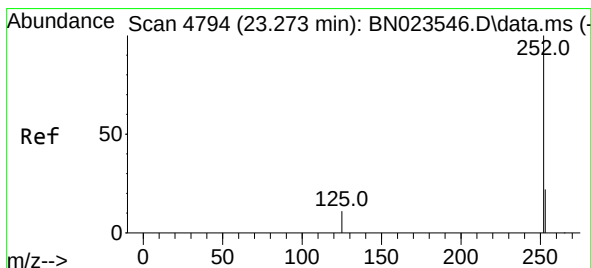
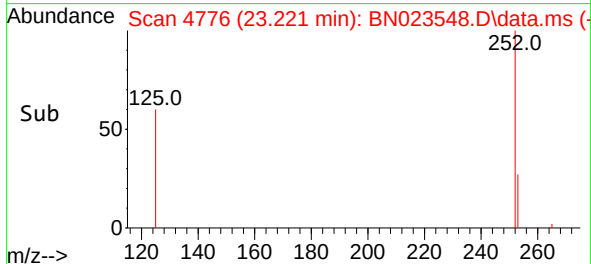
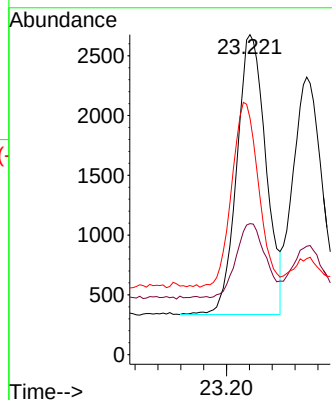
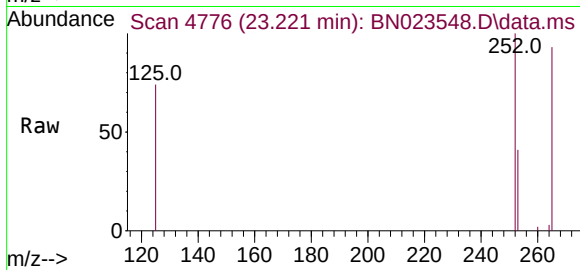




#24
Benzo(b)fluoranthene
Concen: 0.069 ng/ul
RT: 23.221 min Scan# 4776
Delta R.T. -0.003 min
Lab File: BN023548.D
Acq: 04 Jan 2023 11:09

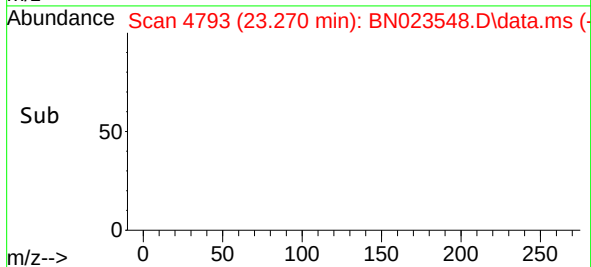
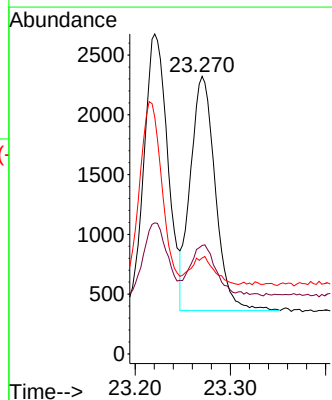
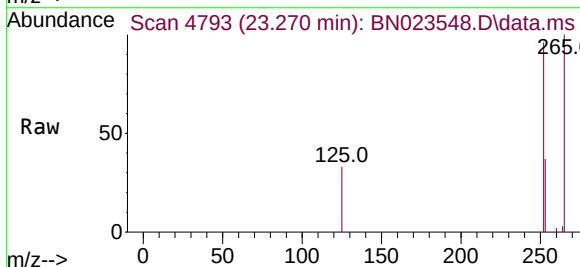
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2022-08

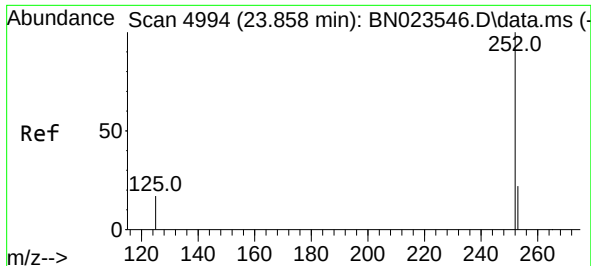
Tgt Ion:252 Resp: 4137
Ion Ratio Lower Upper
252 100
253 40.9 0.0 49.2
125 74.0 0.0 34.2#



#25
Benzo(k)fluoranthene
Concen: 0.063 ng/ul
RT: 23.270 min Scan# 4793
Delta R.T. -0.003 min
Lab File: BN023548.D
Acq: 04 Jan 2023 11:09

Tgt Ion:252 Resp: 3556
Ion Ratio Lower Upper
252 100
253 39.1 20.2 30.2#
125 34.6 12.1 18.1#

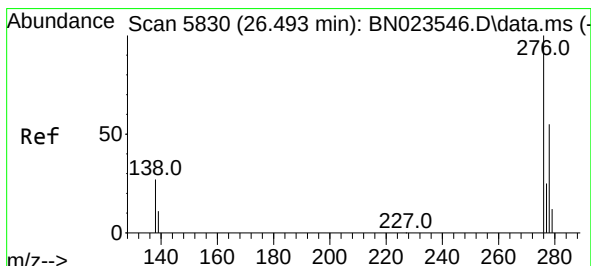
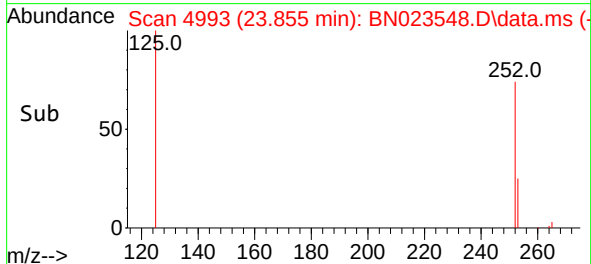
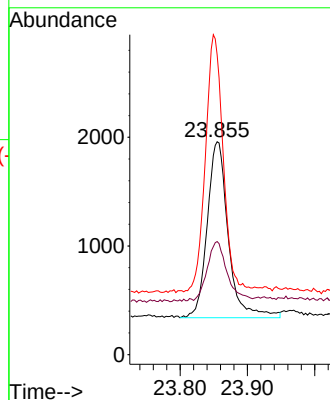
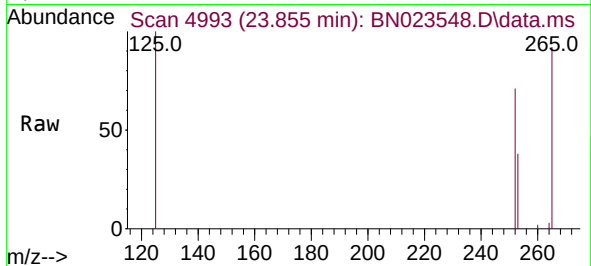




#26
Benzo(a)pyrene
Concen: 0.070 ng/ul
RT: 23.855 min Scan# 4994
Delta R.T. -0.003 min
Lab File: BN023548.D
Acq: 04 Jan 2023 11:09

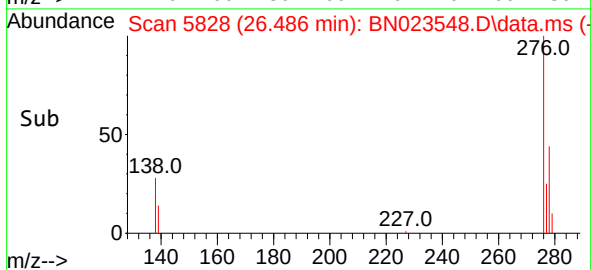
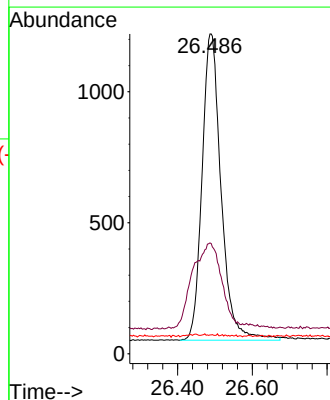
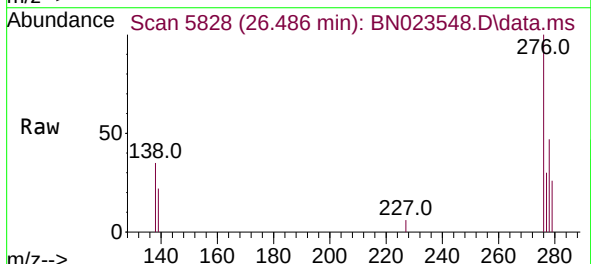
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2022-08

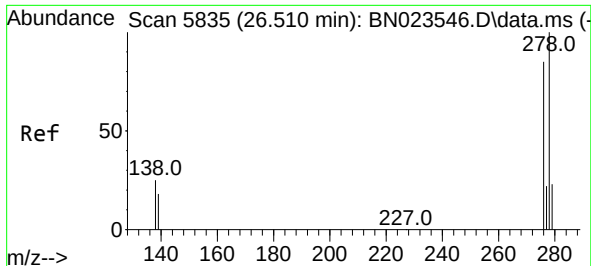
Tgt Ion:252 Resp: 3515
Ion Ratio Lower Upper
252 100
253 53.1 21.4 32.0#
125 140.7 18.4 27.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.067 ng/ul
RT: 26.486 min Scan# 5828
Delta R.T. -0.007 min
Lab File: BN023548.D
Acq: 04 Jan 2023 11:09

Tgt Ion:276 Resp: 4130
Ion Ratio Lower Upper
276 100
138 43.8 23.2 34.8#
227 0.1 0.1 0.1#

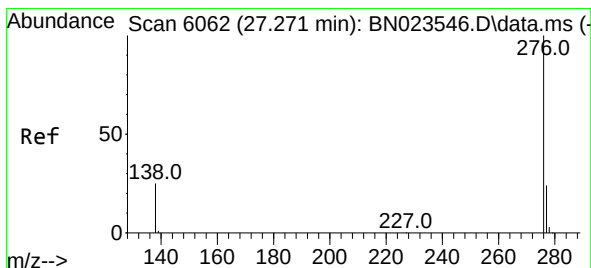
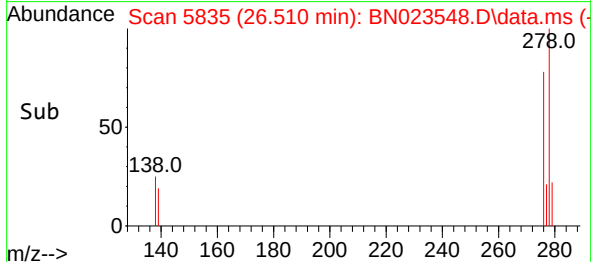
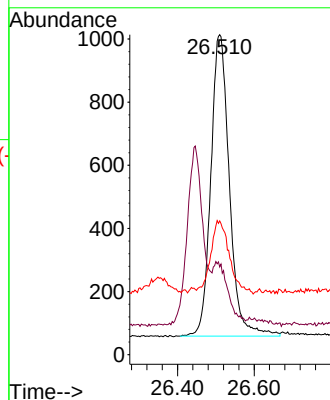
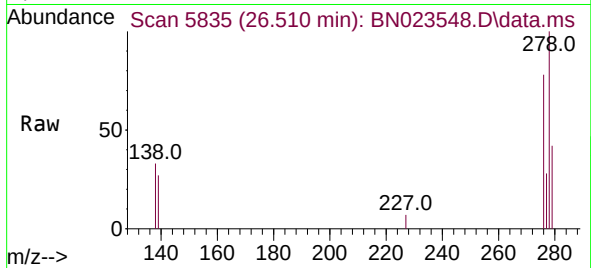




#28
 Dibenzo(a,h)anthracene
 Concen: 0.065 ng/ul
 RT: 26.510 min Scan# 5835
 Delta R.T. -0.003 min
 Lab File: BN023548.D
 Acq: 04 Jan 2023 11:09

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT4-2022-08

Tgt Ion:278 Resp: 3217
 Ion Ratio Lower Upper
 278 100
 139 27.4 16.5 24.7#
 279 41.8 21.0 31.4#



#29
 Benzo(g,h,i)perylene
 Concen: 0.066 ng/ul
 RT: 27.271 min Scan# 6062
 Delta R.T. 0.003 min
 Lab File: BN023548.D
 Acq: 04 Jan 2023 11:09

Tgt Ion:276 Resp: 3258
 Ion Ratio Lower Upper
 276 100
 138 33.0 20.7 31.1#
 277 29.7 19.6 29.4#

