

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101921\
 Data File : BN017007.D
 Acq On : 19 Oct 2021 16:33
 Operator : CG/JU
 Sample : M3263-01
 Misc : SFAM-SIM-MDL-WATER-01
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT4-2021-07

Quant Time: Oct 19 17:03:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN101921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 19 14:22:25 2021
 Response via : Initial Calibration

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

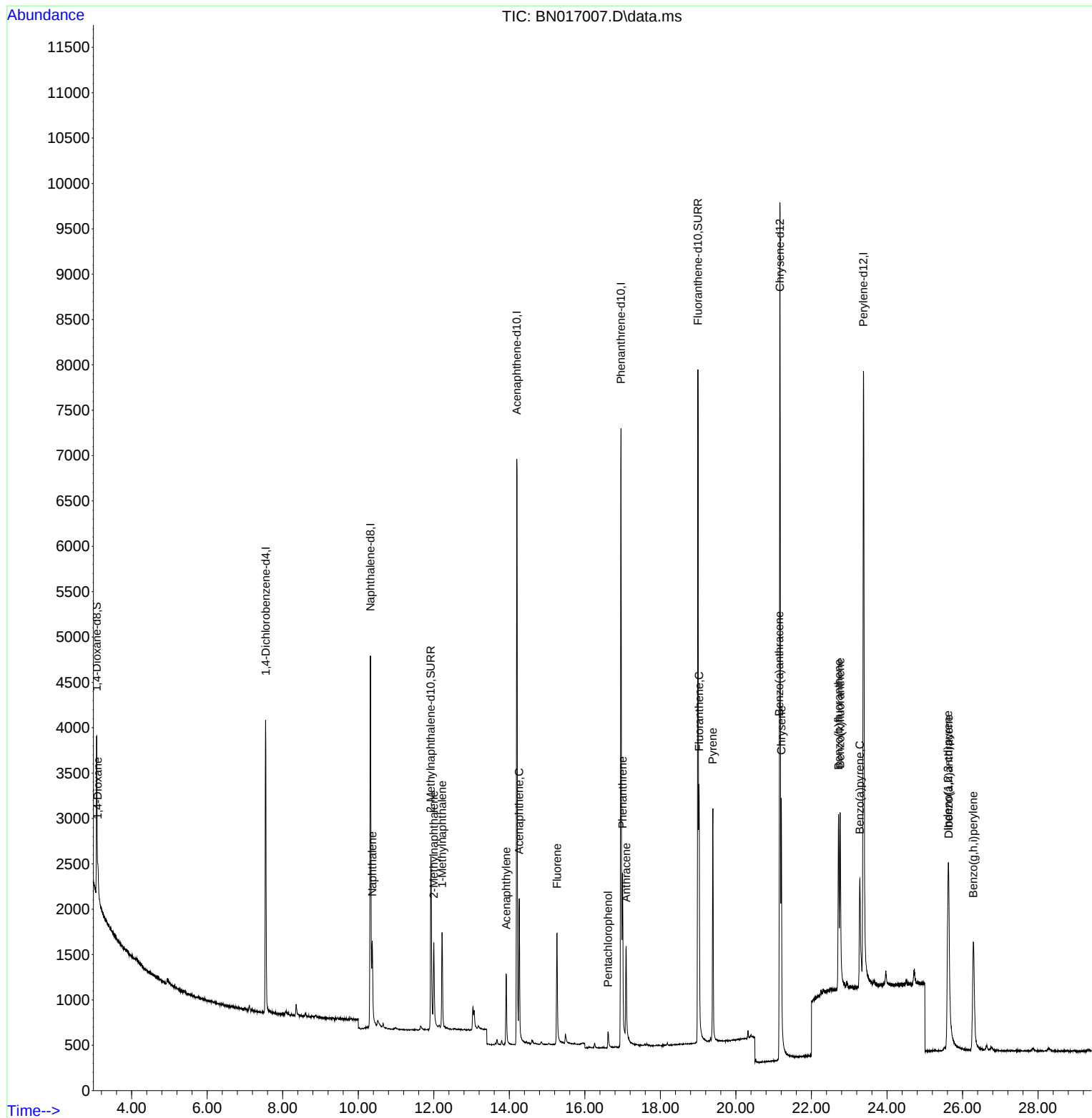
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	1733	0.40	ng/ul	0.00
4) Naphthalene-d8	10.322	136	6370	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.199	164	3807	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	8497	0.40	ng/ul	0.00
17) Chrysene-d12	21.168	240	8917	0.40	ng/ul	0.00
23) Perylene-d12	23.377	264	9686	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.076	96	1334	0.71	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.923	152	3034	0.33	ng/ul	0.00
18) Fluoranthene-d10	18.994	212	8623	0.39	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.105	88	178	0.08	ng/ul#	66
5) Naphthalene	10.372	128	1319	0.07	ng/ul#	86
7) 2-Methylnaphthalene	12.000	142	763	0.06	ng/ul	97
8) 1-Methylnaphthalene	12.220	142	804	0.07	ng/ul	99
10) Acenaphthylene	13.916	152	1039	0.07	ng/ul#	88
11) Acenaphthene	14.263	153	923	0.07	ng/ul	97
12) Fluorene	15.263	166	1006	0.07	ng/ul#	97
14) Pentachlorophenol	16.615	266	161	0.08	ng/ul	97
15) Phenanthrene	16.999	178	1975	0.07	ng/ul#	94
16) Anthracene	17.092	178	1437	0.06	ng/ul#	87
19) Fluoranthene	19.027	202	2314	0.08	ng/ul	97
20) Pyrene	19.389	202	2331	0.07	ng/ul	95
21) Benzo(a)anthracene	21.150	228	1885	0.06	ng/ul	95
22) Chrysene	21.203	228	2446	0.07	ng/ul	98
24) Benzo(b)fluoranthene	22.717	252	2529	0.07	ng/ul	81
25) Benzo(k)fluoranthene	22.760	252	2885	0.07	ng/ul#	76
26) Benzo(a)pyrene	23.284	252	2312	0.07	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	25.616	276	3296	0.07	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.636	278	2566	0.07	ng/ul#	81
29) Benzo(g,h,i)perylene	26.287	276	2956	0.07	ng/ul#	91

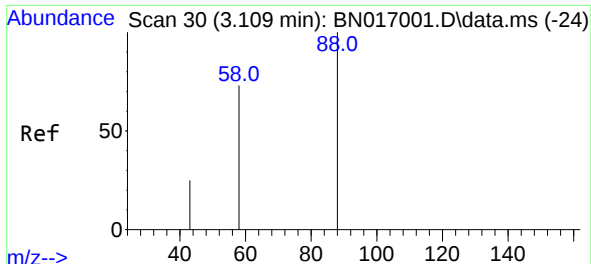
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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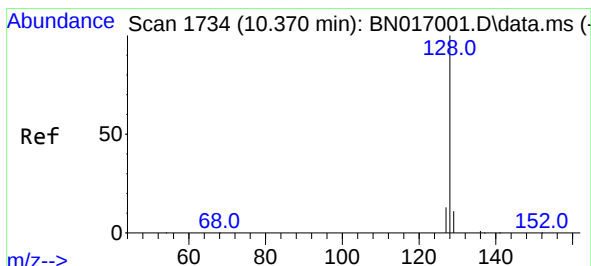
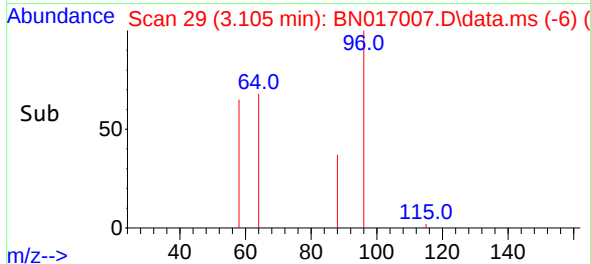
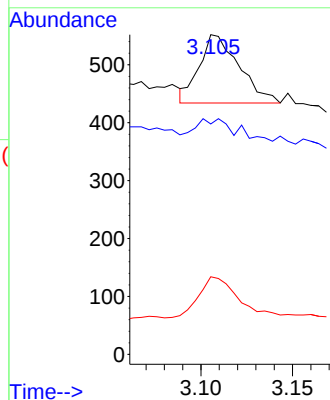
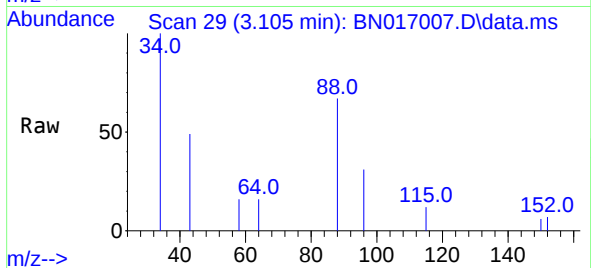




#2
1,4-Dioxane
Concen: 0.08 ng/ul
RT: 3.105 min Scan# 29
Delta R.T. -0.004 min
Lab File: BN017007.D
Acq: 19 Oct 2021 16:33

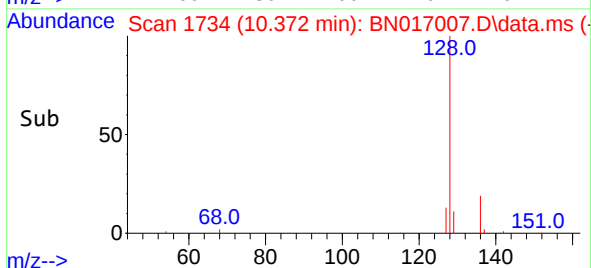
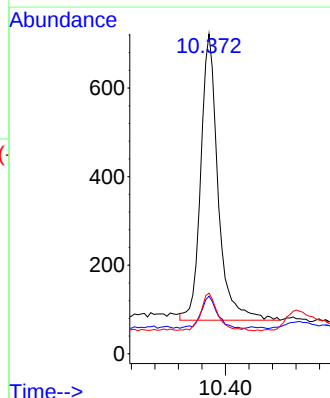
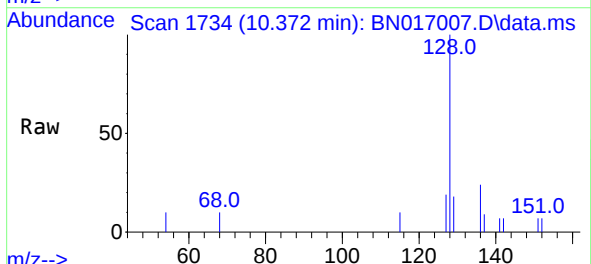
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2021-07

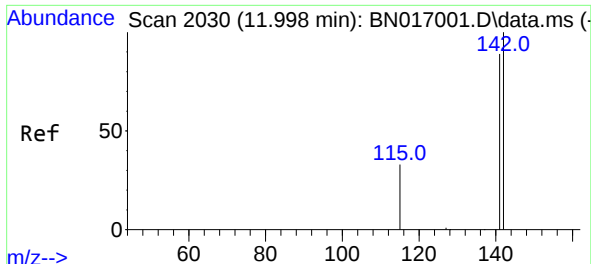
Tgt Ion: 88 Resp: 178
Ion Ratio Lower Upper
88 100
43 72.1 85.8 128.8#
58 24.3 38.0 57.0#



#5
Naphthalene
Concen: 0.07 ng/ul
RT: 10.372 min Scan# 1734
Delta R.T. 0.001 min
Lab File: BN017007.D
Acq: 19 Oct 2021 16:33

Tgt Ion: 128 Resp: 1319
Ion Ratio Lower Upper
128 100
129 18.0 9.6 14.4#
127 19.0 11.0 16.4#

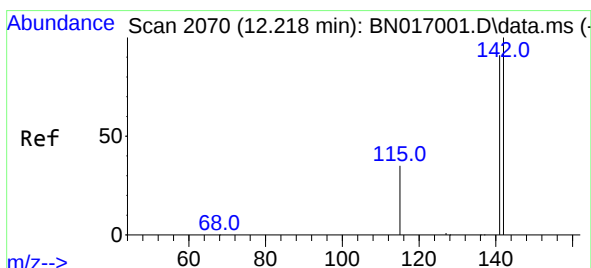
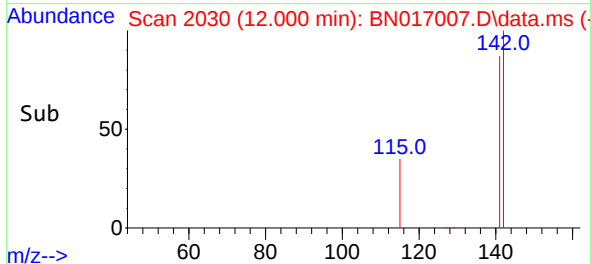
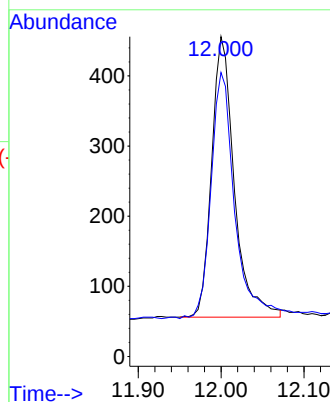
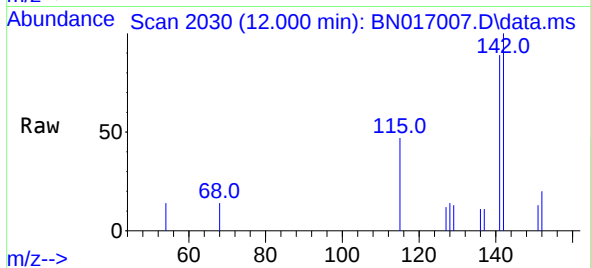




#7
2-Methylnaphthalene
Concen: 0.06 ng/ul
RT: 12.000 min Scan# 2030
Delta R.T. 0.002 min
Lab File: BN017007.D
Acq: 19 Oct 2021 16:33

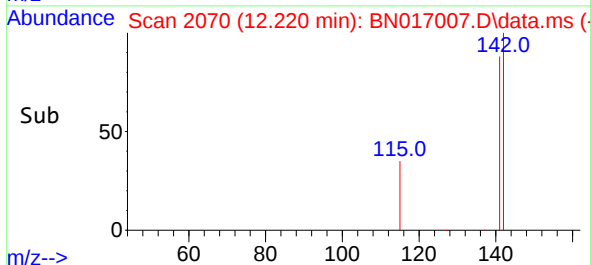
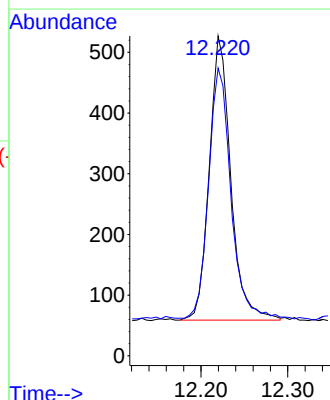
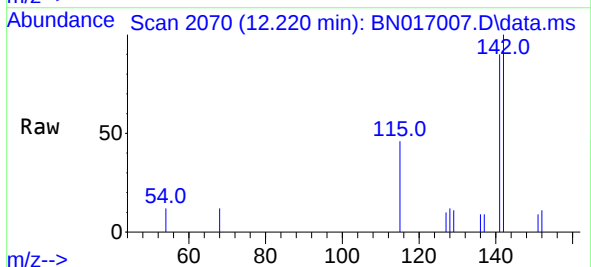
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2021-07

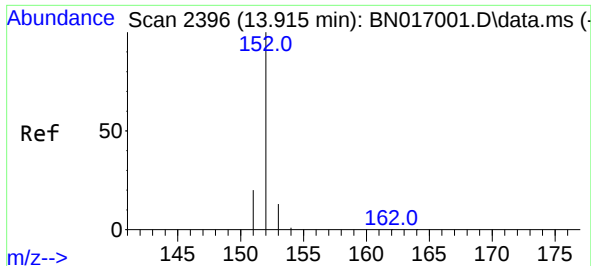
Tgt Ion:142 Resp: 763
Ion Ratio Lower Upper
142 100
141 92.1 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.07 ng/ul
RT: 12.220 min Scan# 2070
Delta R.T. 0.001 min
Lab File: BN017007.D
Acq: 19 Oct 2021 16:33

Tgt Ion:142 Resp: 804
Ion Ratio Lower Upper
142 100
141 90.8 73.7 110.5

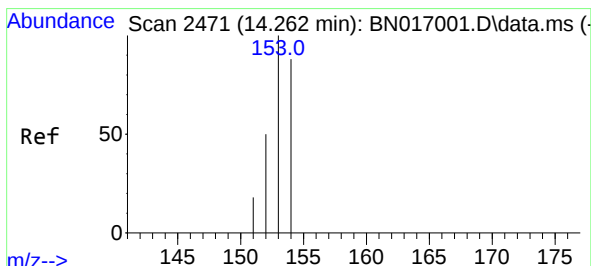
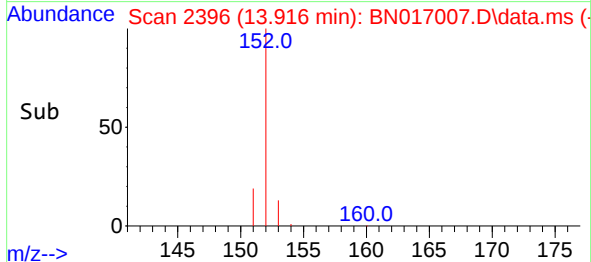
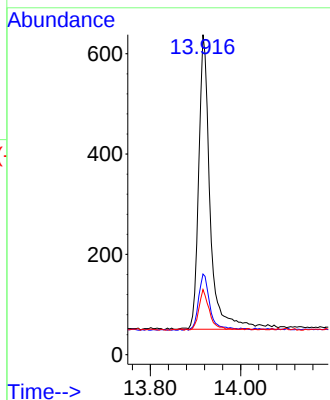
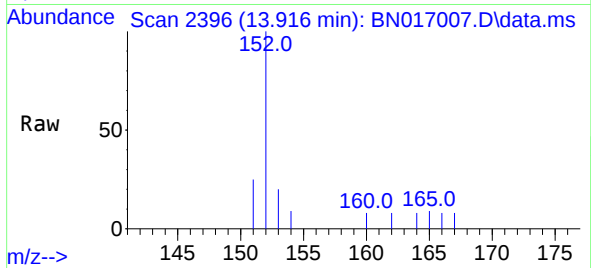




#10
Acenaphthylene
Concen: 0.07 ng/ul
RT: 13.916 min Scan# 2396
Delta R.T. 0.001 min
Lab File: BN017007.D
Acq: 19 Oct 2021 16:33

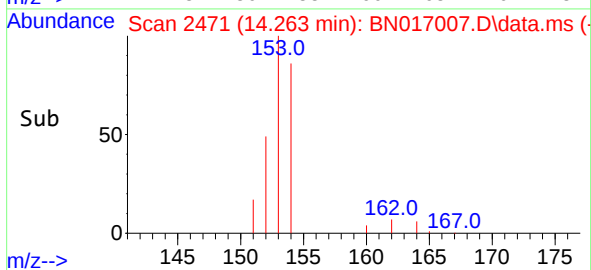
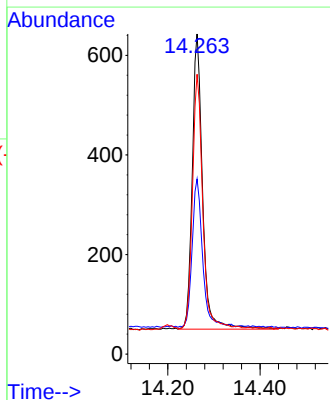
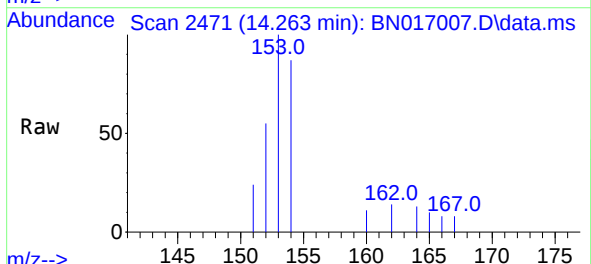
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2021-07

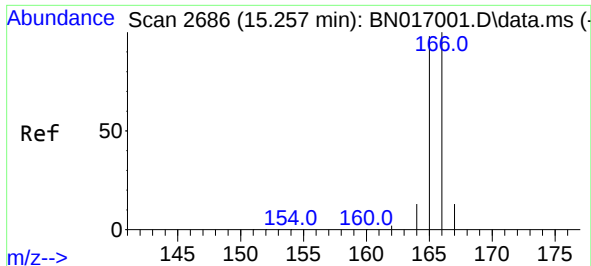
Tgt Ion:	152	Resp:	1039
Ion	Ratio	Lower	Upper
152	100		
151	25.2	16.4	24.6#
153	20.4	11.3	16.9#



#11
Acenaphthene
Concen: 0.07 ng/ul
RT: 14.263 min Scan# 2471
Delta R.T. 0.001 min
Lab File: BN017007.D
Acq: 19 Oct 2021 16:33

Tgt Ion:	153	Resp:	923
Ion	Ratio	Lower	Upper
153	100		
152	54.7	40.7	61.1
154	87.4	70.7	106.1

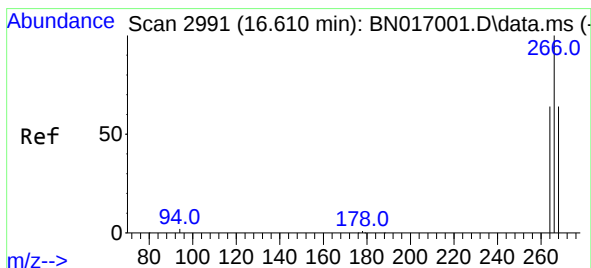
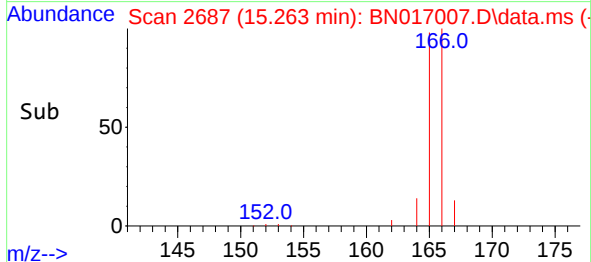
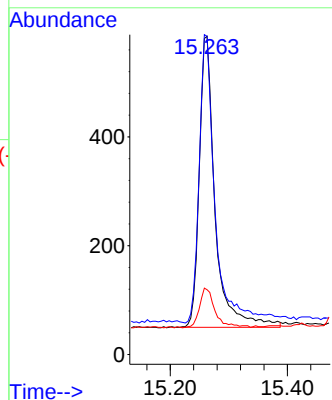
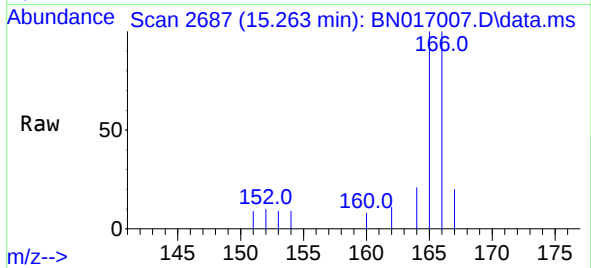




#12
Fluorene
Concen: 0.07 ng/ul
RT: 15.263 min Scan# 2687
Delta R.T. 0.006 min
Lab File: BN017007.D
Acq: 19 Oct 2021 16:33

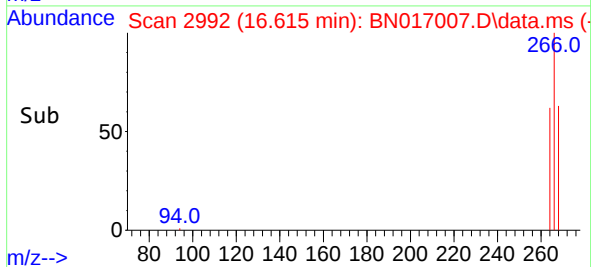
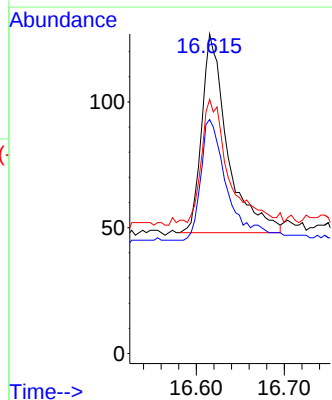
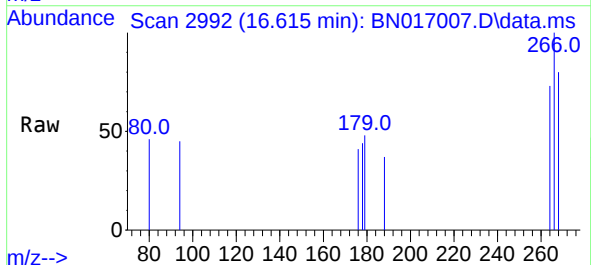
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2021-07

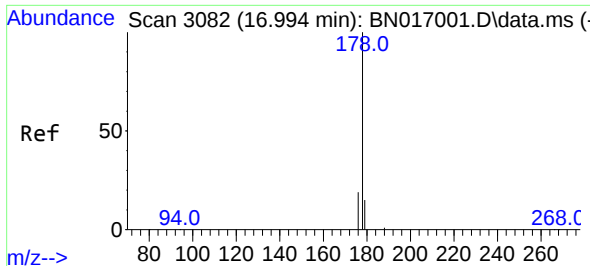
Tgt Ion:166 Resp: 1006
Ion Ratio Lower Upper
166 100
165 100.0 79.0 118.4
167 20.3 11.2 16.8#



#14
Pentachlorophenol
Concen: 0.08 ng/ul
RT: 16.615 min Scan# 2992
Delta R.T. 0.005 min
Lab File: BN017007.D
Acq: 19 Oct 2021 16:33

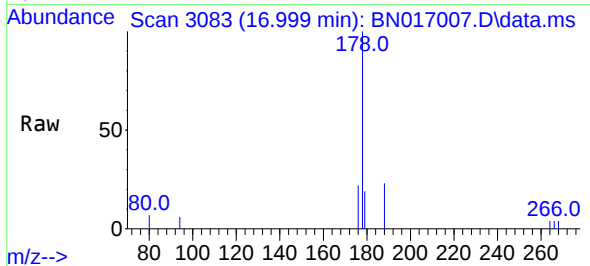
Tgt Ion:266 Resp: 161
Ion Ratio Lower Upper
266 100
264 63.4 49.8 74.6
268 65.8 50.5 75.7



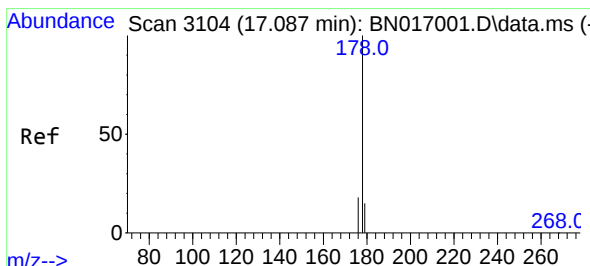
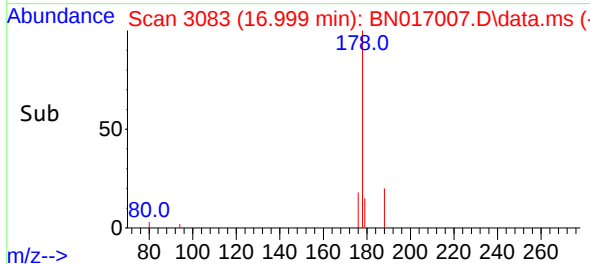
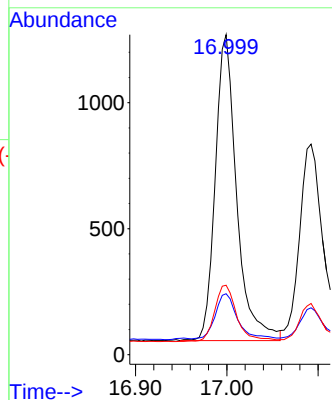


#15
Phenanthrene
Concen: 0.07 ng/ul
RT: 16.999 min Scan# 3083
Delta R.T. 0.005 min
Lab File: BN017007.D
Acq: 19 Oct 2021 16:33

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2021-07

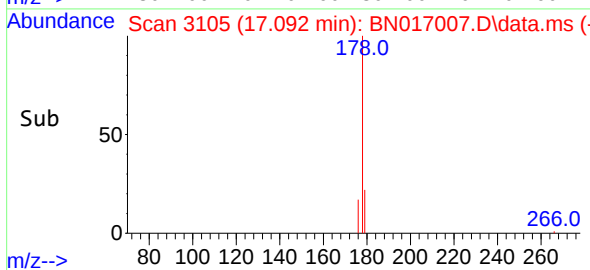
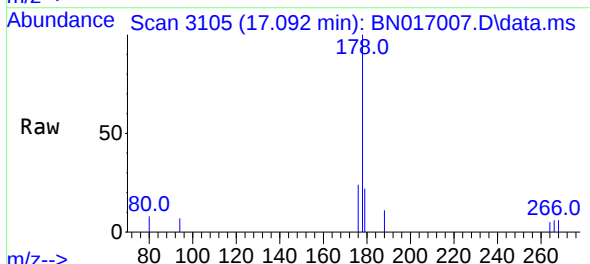
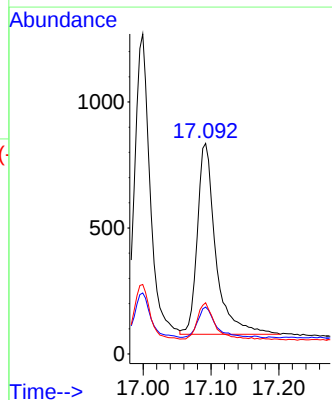


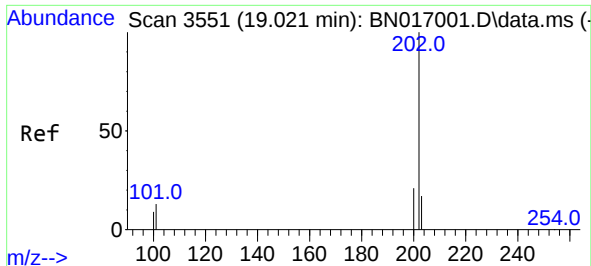
Tgt Ion:178 Resp: 1975
Ion Ratio Lower Upper
178 100
179 19.1 12.6 19.0#
176 21.7 15.9 23.9



#16
Anthracene
Concen: 0.06 ng/ul
RT: 17.092 min Scan# 3105
Delta R.T. 0.005 min
Lab File: BN017007.D
Acq: 19 Oct 2021 16:33

Tgt Ion:178 Resp: 1437
Ion Ratio Lower Upper
178 100
179 22.2 12.9 19.3#
176 24.3 15.0 22.6#

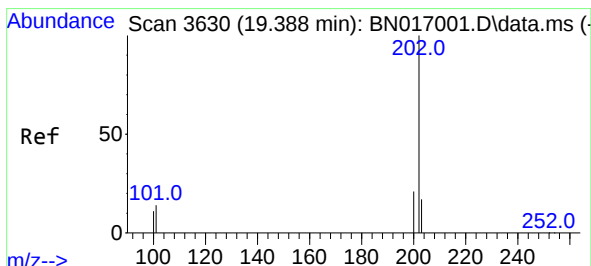
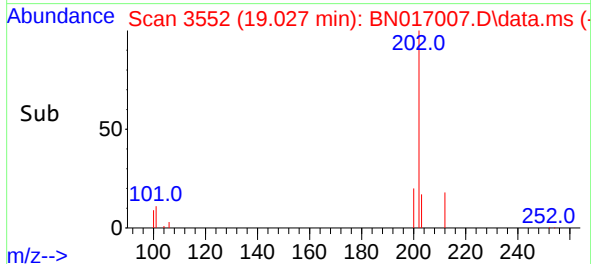
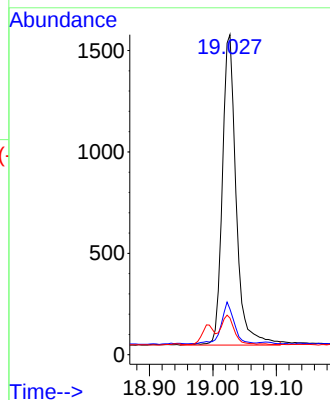
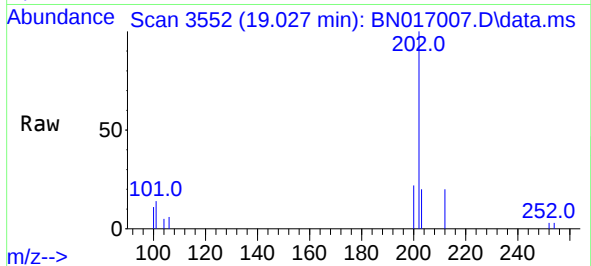




#19
Fluoranthene
Concen: 0.08 ng/ul
RT: 19.027 min Scan# 3552
Delta R.T. 0.006 min
Lab File: BN017007.D
Acq: 19 Oct 2021 16:33

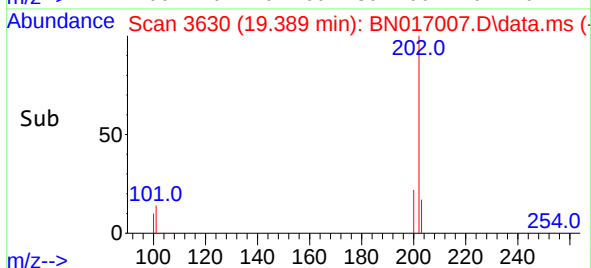
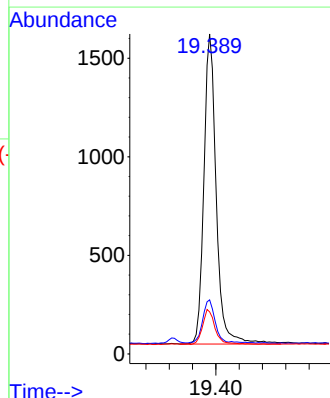
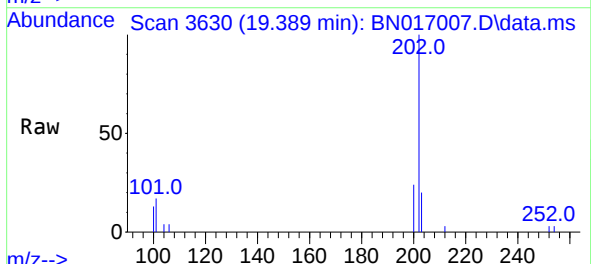
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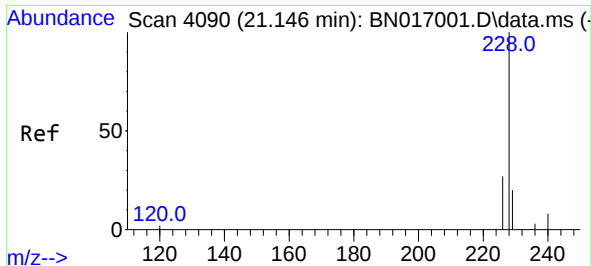
Tgt Ion:202	Resp:	2314
Ion Ratio	Lower	Upper
202	100	
101	14.3	10.6 16.0
100	11.5	7.9 11.9



#20
Pyrene
Concen: 0.07 ng/ul
RT: 19.389 min Scan# 3630
Delta R.T. 0.001 min
Lab File: BN017007.D
Acq: 19 Oct 2021 16:33

Tgt Ion:202	Resp:	2331
Ion Ratio	Lower	Upper
202	100	
101	16.9	11.6 17.4
100	13.1	9.3 13.9



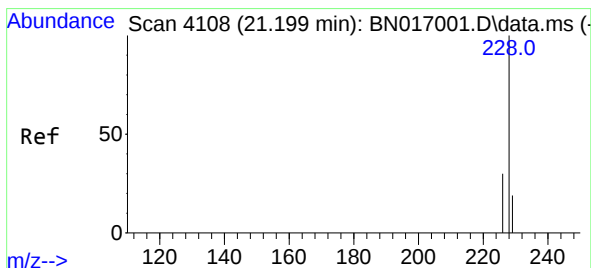
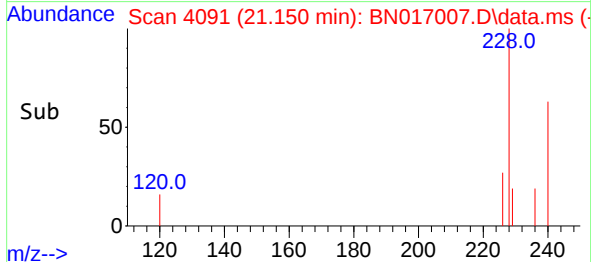
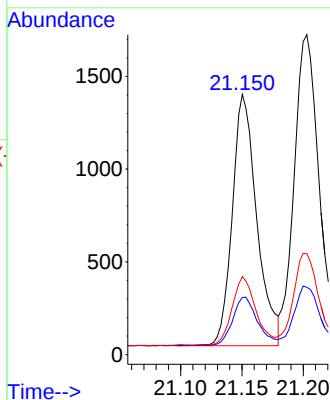
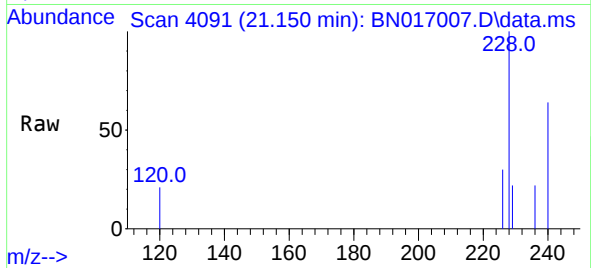


#21
Benzo(a)anthracene
Concen: 0.06 ng/ul
RT: 21.150 min Scan# 4091
Delta R.T. 0.004 min
Lab File: BN017007.D
Acq: 19 Oct 2021 16:33

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2021-07

Tgt Ion:228 Resp: 1885

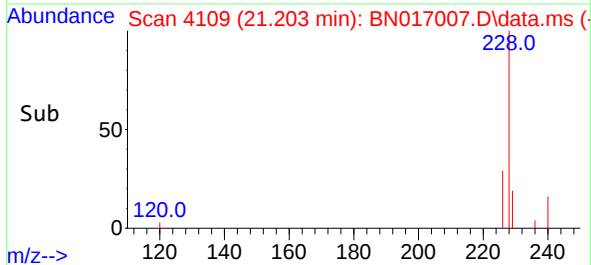
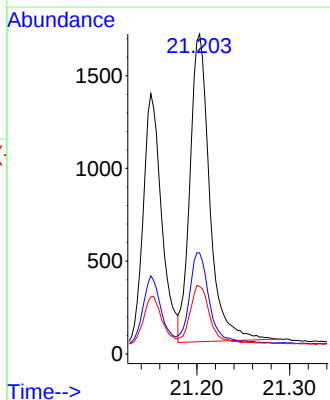
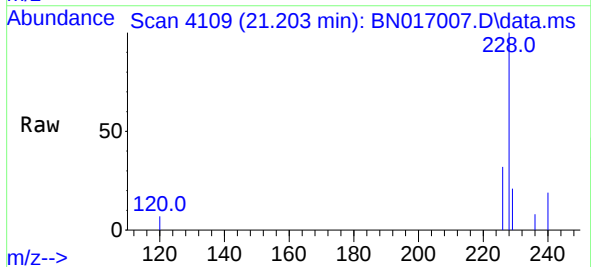
Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.9	23.9
226	30.0	22.0	33.0

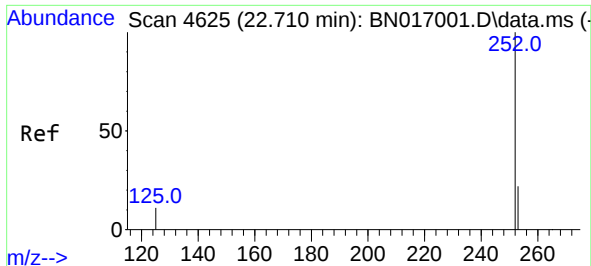


#22
Chrysene
Concen: 0.07 ng/ul
RT: 21.203 min Scan# 4109
Delta R.T. 0.004 min
Lab File: BN017007.D
Acq: 19 Oct 2021 16:33

Tgt Ion:228 Resp: 2446

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.5	36.7
229	21.0	15.8	23.8

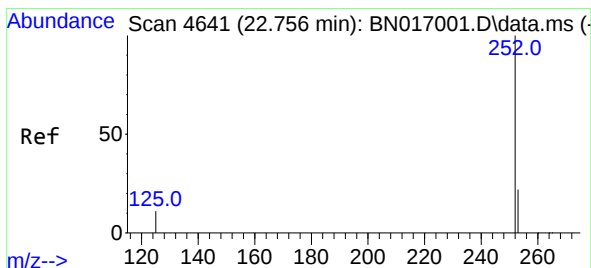
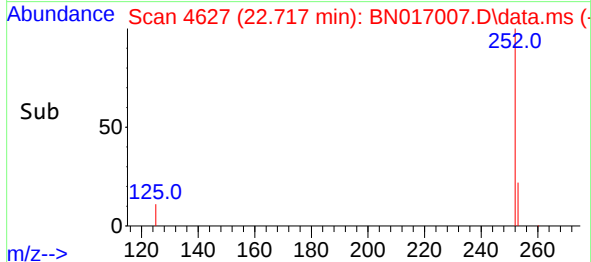
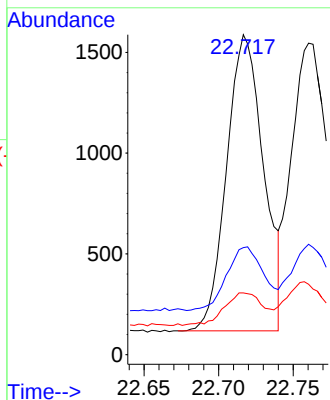
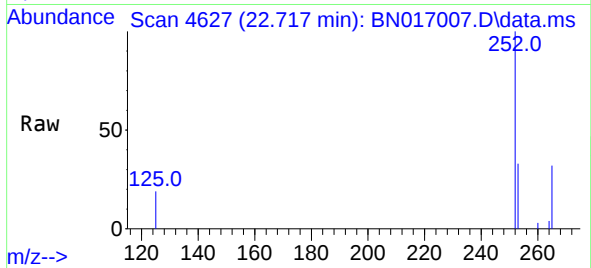




#24
Benzo(b)fluoranthene
Concen: 0.07 ng/ul
RT: 22.717 min Scan# 4627
Delta R.T. 0.007 min
Lab File: BN017007.D
Acq: 19 Oct 2021 16:33

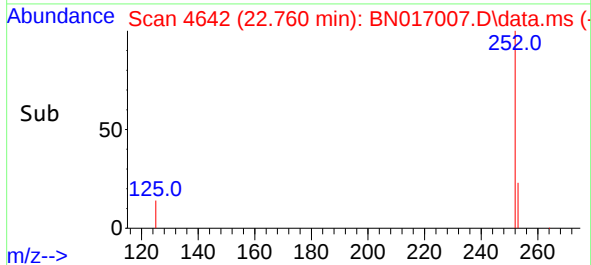
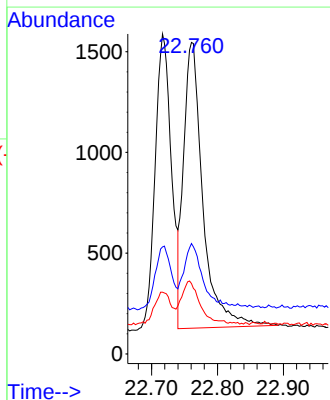
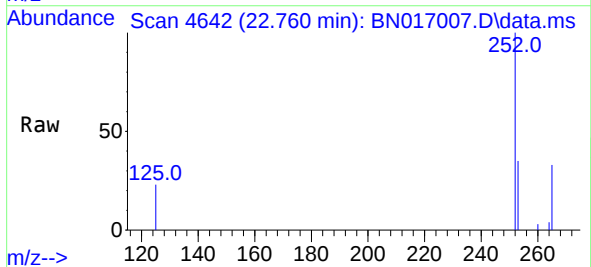
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2021-07

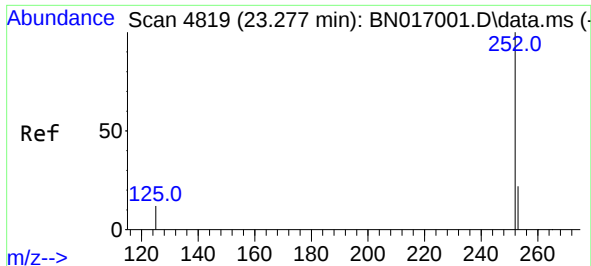
Tgt Ion:252	Resp:	2529
Ion Ratio	Lower	Upper
252	100	
253	33.4	0.0 47.4
125	19.3	0.0 24.6



#25
Benzo(k)fluoranthene
Concen: 0.07 ng/ul
RT: 22.760 min Scan# 4642
Delta R.T. 0.004 min
Lab File: BN017007.D
Acq: 19 Oct 2021 16:33

Tgt Ion:252	Resp:	2885
Ion Ratio	Lower	Upper
252	100	
253	35.4	19.2 28.8#
125	22.6	9.7 14.5#

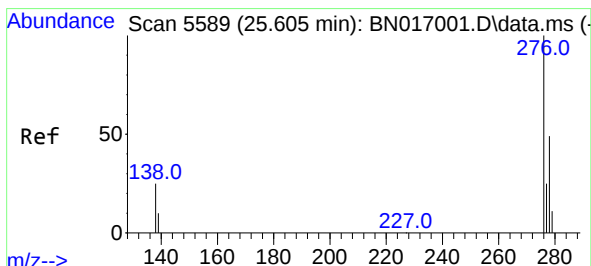
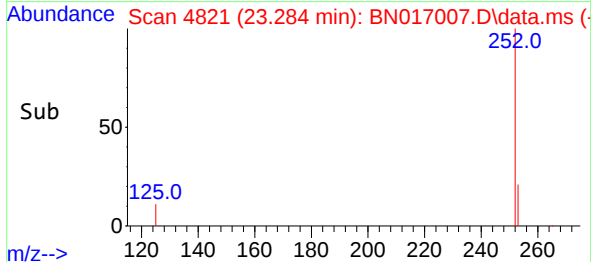
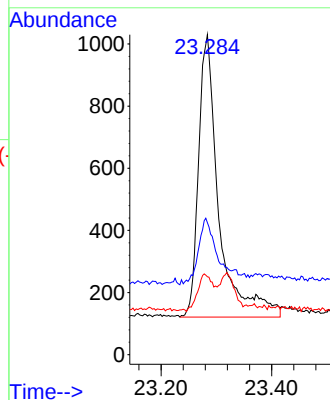
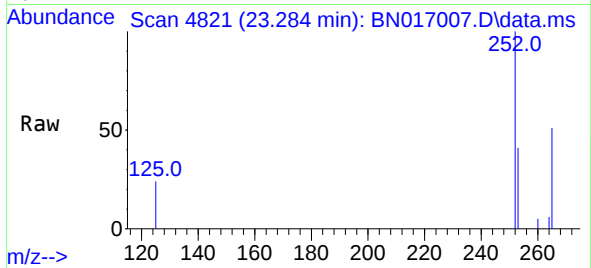




#26
Benzo(a)pyrene
Concen: 0.07 ng/ul
RT: 23.284 min Scan# 4821
Delta R.T. 0.007 min
Lab File: BN017007.D
Acq: 19 Oct 2021 16:33

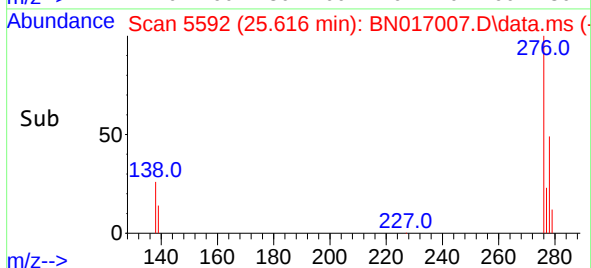
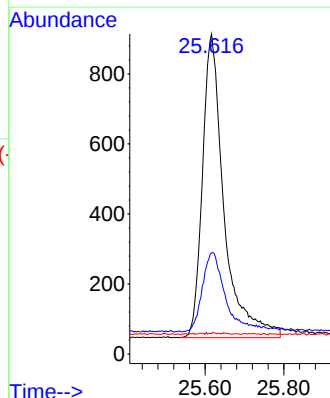
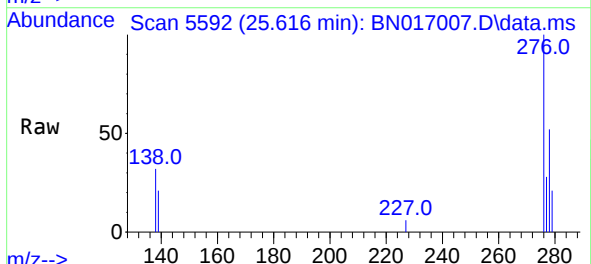
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2021-07

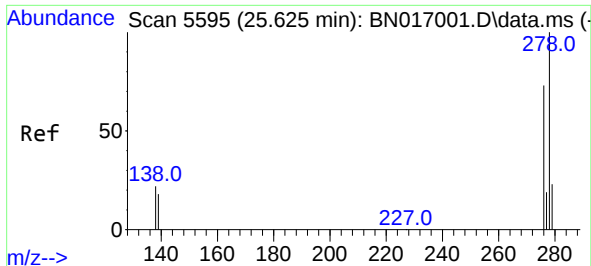
Tgt Ion:	252	Resp:	2312
Ion Ratio	Lower	Upper	
252	100		
253	41.3	19.8	29.6#
125	24.4	10.9	16.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.07 ng/ul
RT: 25.616 min Scan# 5592
Delta R.T. 0.011 min
Lab File: BN017007.D
Acq: 19 Oct 2021 16:33

Tgt Ion:	276	Resp:	3296
Ion Ratio	Lower	Upper	
276	100		
138	28.4	21.8	32.8
227	0.2	0.2	0.2#

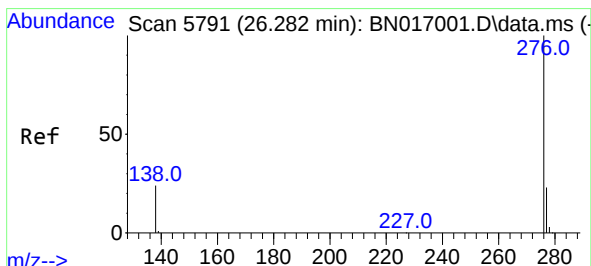
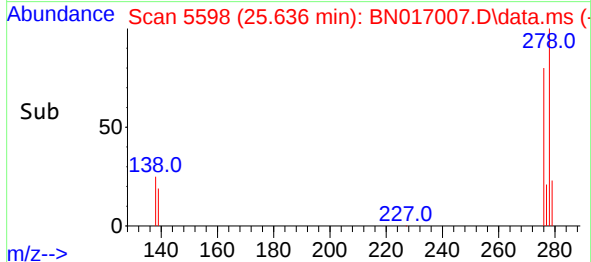
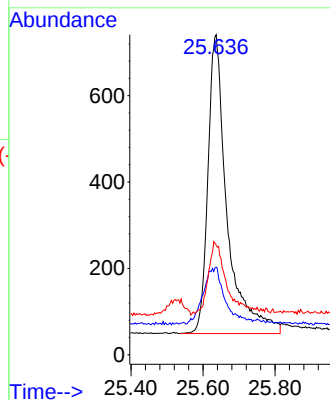
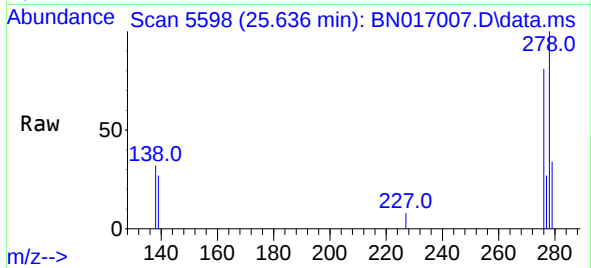




#28
Dibenzo(a,h)anthracene
Concen: 0.07 ng/ul
RT: 25.636 min Scan# 5598
Delta R.T. 0.011 min
Lab File: BN017007.D
Acq: 19 Oct 2021 16:33

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2021-07

Tgt Ion:278 Resp: 2566
Ion Ratio Lower Upper
278 100
139 27.4 15.2 22.8#
279 34.3 19.9 29.9#



#29
Benzo(g,h,i)perylene
Concen: 0.07 ng/ul
RT: 26.287 min Scan# 5792
Delta R.T. 0.004 min
Lab File: BN017007.D
Acq: 19 Oct 2021 16:33

Tgt Ion:276 Resp: 2956
Ion Ratio Lower Upper
276 100
138 28.6 19.8 29.6
277 29.2 19.4 29.0#

