

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062221\
 Data File : BN014969.D
 Acq On : 22 Jun 2021 10:53
 Operator : CG/JU
 Sample : M2250-02
 Misc : SFAM-SIM-MDL-W-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT3-2021-06

Quant Time: Jun 22 11:53:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 22 11:52:40 2021
 Response via : Initial Calibration

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

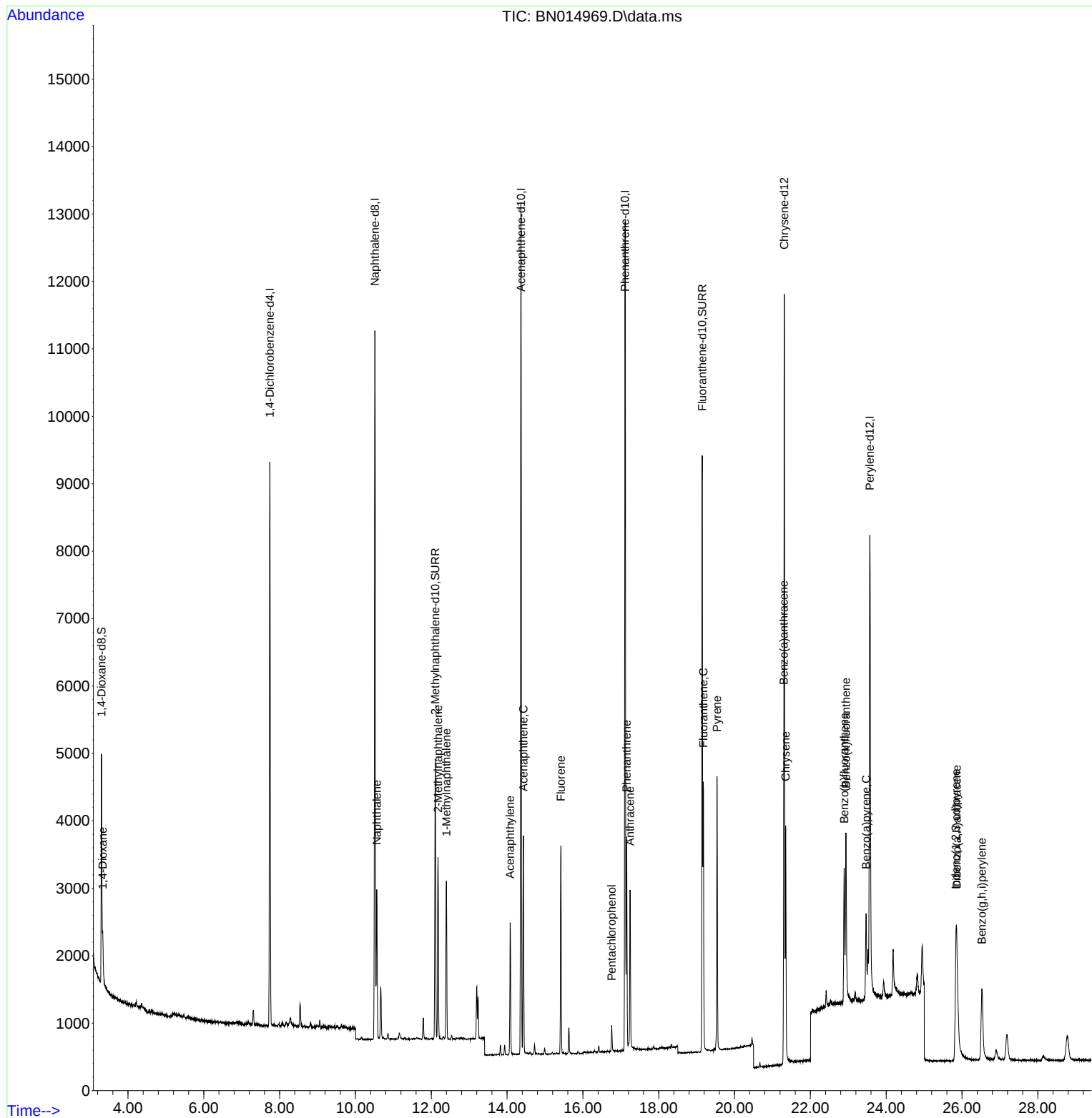
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	4084	0.400	ng/ul	0.00
4) Naphthalene-d8	10.512	136	13777	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.368	164	6924	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.112	188	13912	0.400	ng/ul	0.00
17) Chrysene-d12	21.313	240	10015	0.400	ng/ul	0.00
23) Perylene-d12	23.569	264	9578	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	2363	0.513	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.102	152	5344	0.247	ng/ul	0.00
18) Fluoranthene-d10	19.147	212	9376	0.285	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.336	88	369	0.074	ng/ul#	71
5) Naphthalene	10.562	128	2917	0.066	ng/ul#	93
7) 2-Methylnaphthalene	12.179	142	1875	0.065	ng/ul	99
8) 1-Methylnaphthalene	12.399	142	1602	0.058	ng/ul	99
10) Acenaphthylene	14.081	152	2192	0.061	ng/ul	93
11) Acenaphthene	14.428	153	1797	0.066	ng/ul	97
12) Fluorene	15.418	166	1932	0.064	ng/ul#	98
14) Pentachlorophenol	16.757	266	256	0.083	ng/ul	99
15) Phenanthrene	17.154	178	3239	0.064	ng/ul	95
16) Anthracene	17.243	178	2633	0.059	ng/ul	94
19) Fluoranthene	19.179	202	3327	0.072	ng/ul	95
20) Pyrene	19.537	202	3307	0.071	ng/ul	94
21) Benzo(a)anthracene	21.298	228	2434	0.066	ng/ul	97
22) Chrysene	21.348	228	2981	0.067	ng/ul	97
24) Benzo(b)fluoranthene	22.891	252	2577	0.058	ng/ul	79
25) Benzo(k)fluoranthene	22.937	252	3123	0.062	ng/ul#	60
26) Benzo(a)pyrene	23.470	252	2228	0.059	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	25.840	276	2915	0.064	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.860	278	2302	0.065	ng/ul#	39
29) Benzo(g,h,i)perylene	26.524	276	2549	0.061	ng/ul#	86

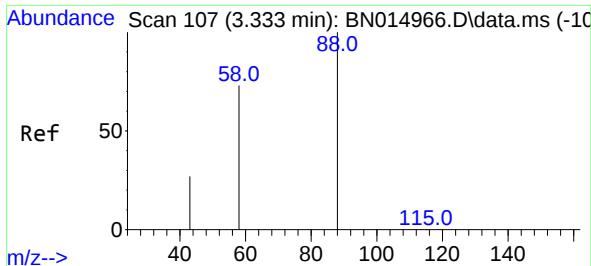
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:52:40 2021
Response via : Initial Calibration

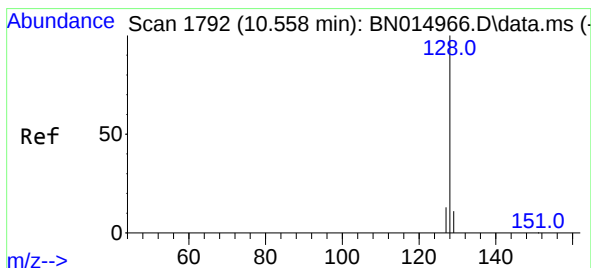
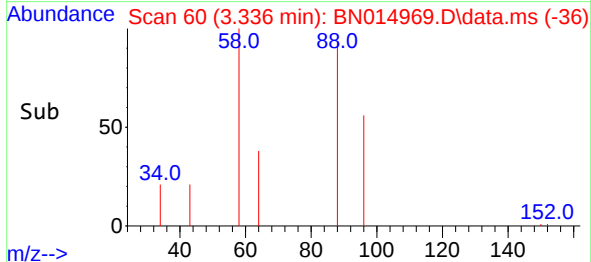
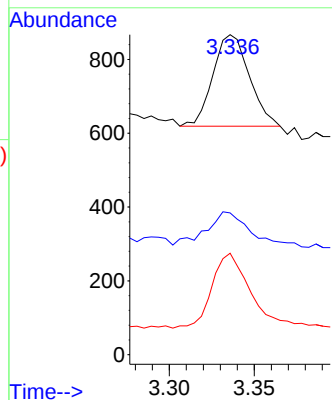
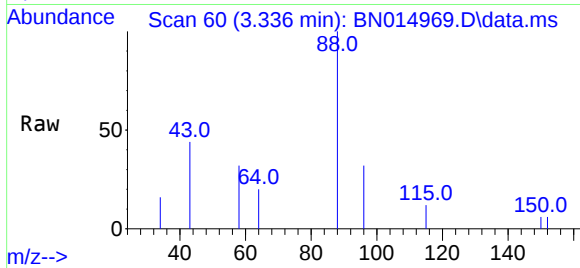




#2
1,4-Dioxane
Concen: 0.074 ng/ul
RT: 3.336 min Scan# 60
Delta R.T. 0.003 min
Lab File: BN014969.D
Acq: 22 Jun 2021 10:53

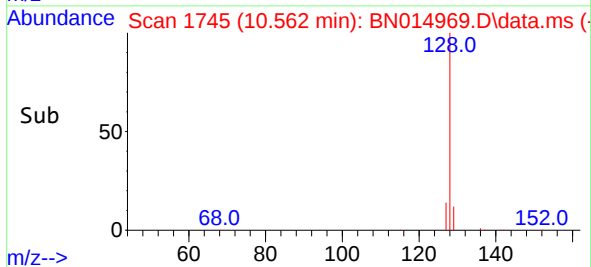
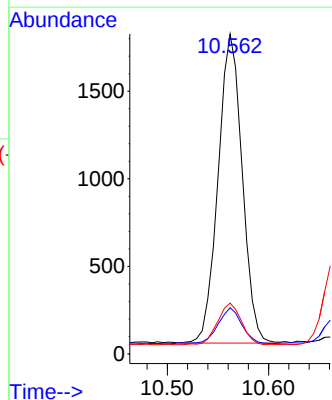
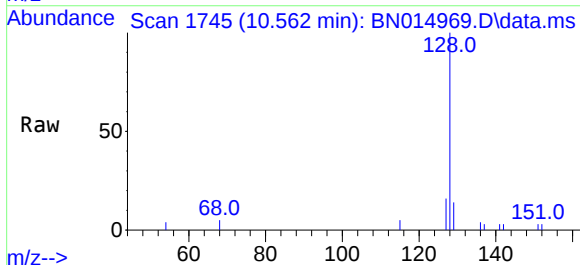
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-06

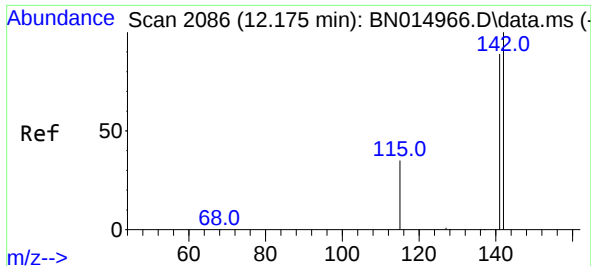
Tgt Ion: 88 Resp: 369
Ion Ratio Lower Upper
88 100
43 44.3 24.9 37.3#
58 31.7 43.4 65.0#



#5
Naphthalene
Concen: 0.066 ng/ul
RT: 10.562 min Scan# 1745
Delta R.T. 0.004 min
Lab File: BN014969.D
Acq: 22 Jun 2021 10:53

Tgt Ion:128 Resp: 2917
Ion Ratio Lower Upper
128 100
129 14.4 9.3 13.9#
127 15.9 10.8 16.2

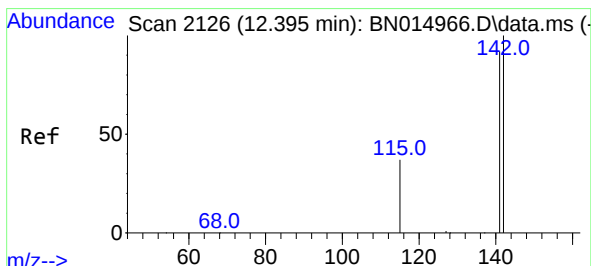
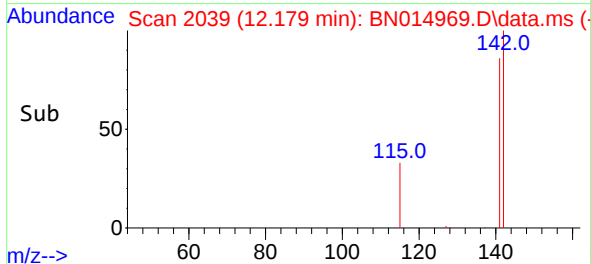
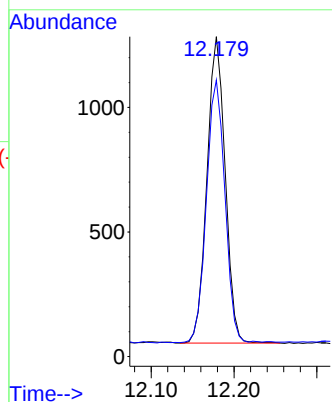
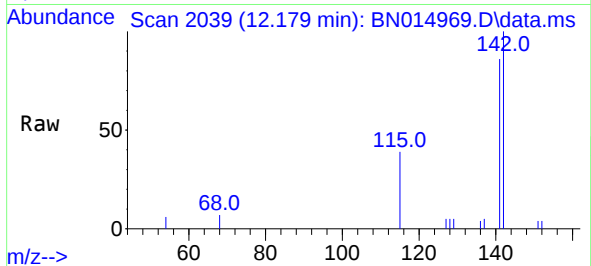




#7
2-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 12.179 min Scan# 2039
Delta R.T. 0.004 min
Lab File: BN014969.D
Acq: 22 Jun 2021 10:53

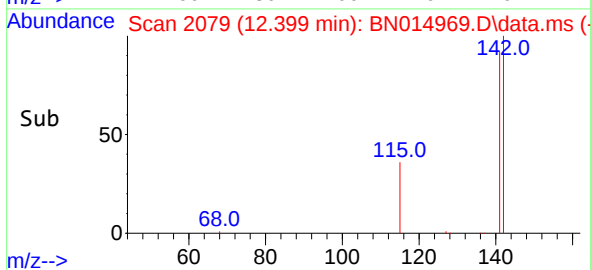
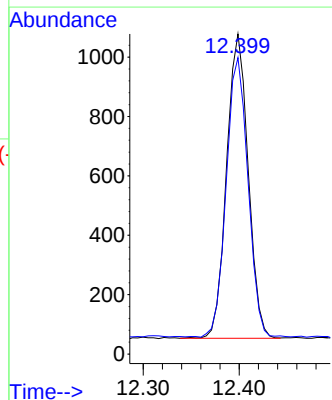
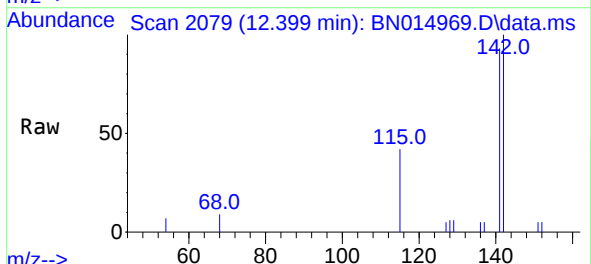
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-06

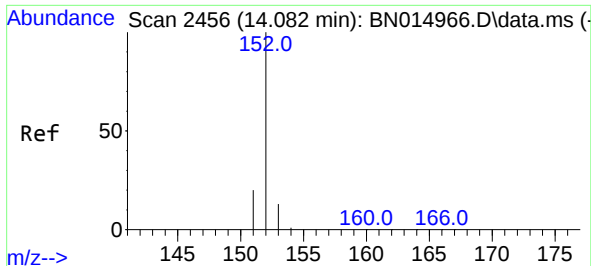
Tgt Ion:142 Resp: 1875
Ion Ratio Lower Upper
142 100
141 87.3 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.058 ng/ul
RT: 12.399 min Scan# 2079
Delta R.T. 0.004 min
Lab File: BN014969.D
Acq: 22 Jun 2021 10:53

Tgt Ion:142 Resp: 1602
Ion Ratio Lower Upper
142 100
141 91.9 74.2 111.4

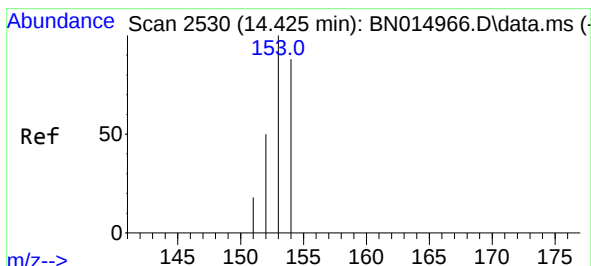
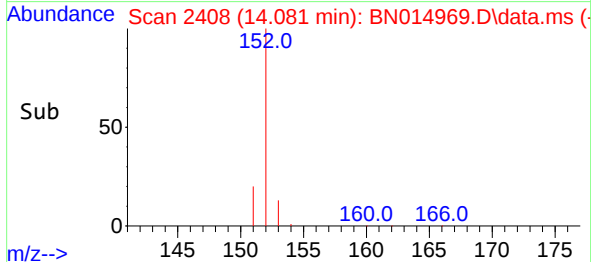
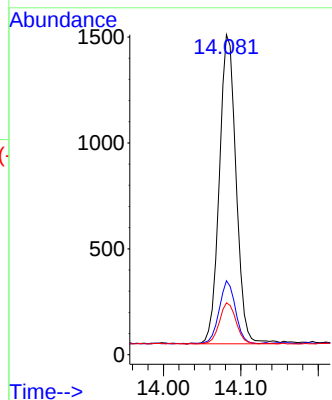
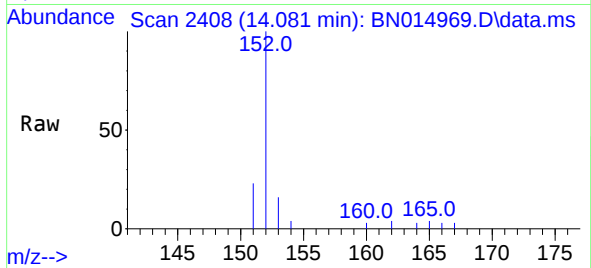




#10
Acenaphthylene
Concen: 0.061 ng/ul
RT: 14.081 min Scan# 2408
Delta R.T. -0.001 min
Lab File: BN014969.D
Acq: 22 Jun 2021 10:53

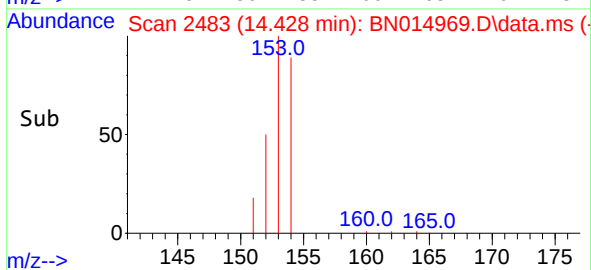
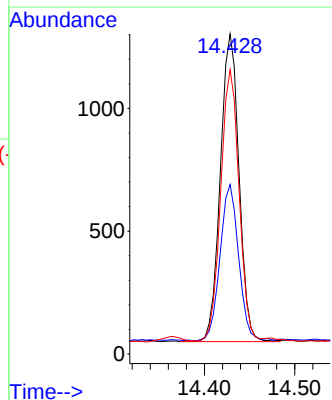
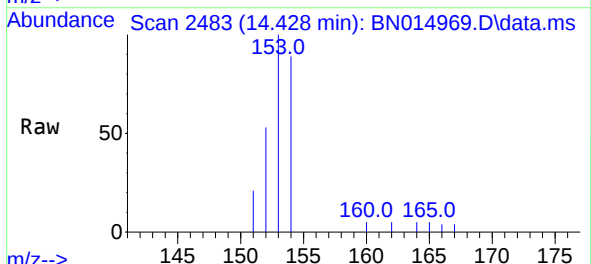
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-06

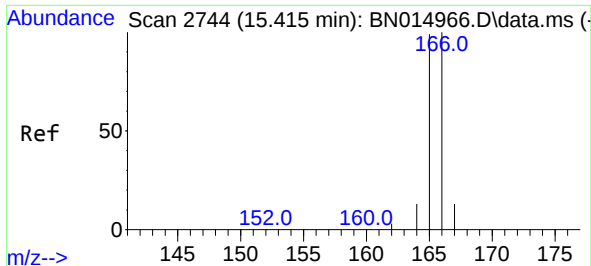
Tgt Ion:	152	Resp:	2192
Ion Ratio	Lower	Upper	
152	100		
151	23.1	16.0	24.0
153	16.2	10.9	16.3



#11
Acenaphthene
Concen: 0.066 ng/ul
RT: 14.428 min Scan# 2483
Delta R.T. 0.004 min
Lab File: BN014969.D
Acq: 22 Jun 2021 10:53

Tgt Ion:	153	Resp:	1797
Ion Ratio	Lower	Upper	
153	100		
152	53.0	39.8	59.6
154	88.8	69.8	104.8



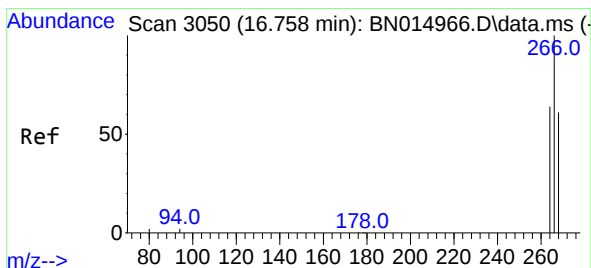
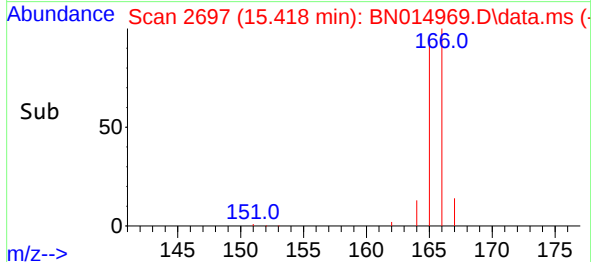
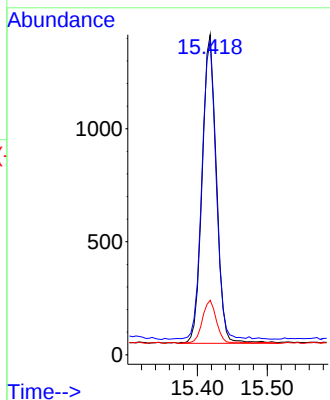
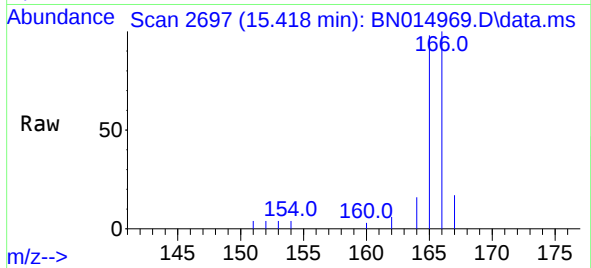


#12
Fluorene
Concen: 0.064 ng/ul
RT: 15.418 min Scan# 2697
Delta R.T. 0.004 min
Lab File: BN014969.D
Acq: 22 Jun 2021 10:53

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-06

Tgt Ion:166 Resp: 1932

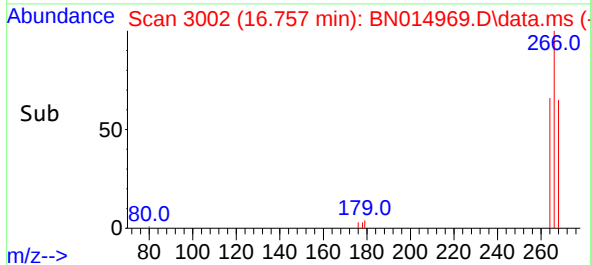
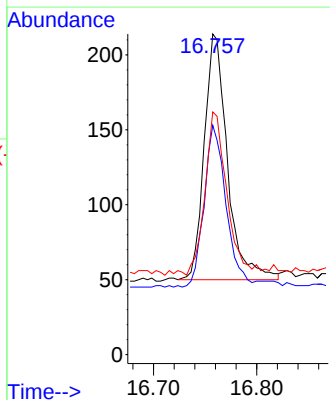
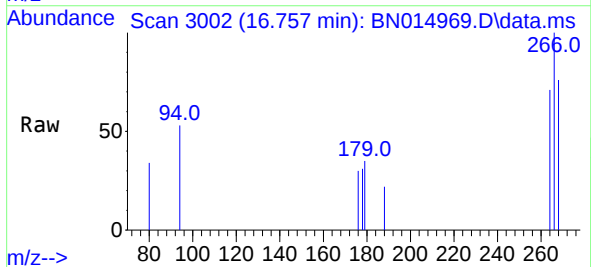
Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.8	116.8
167	17.0	11.2	16.8#

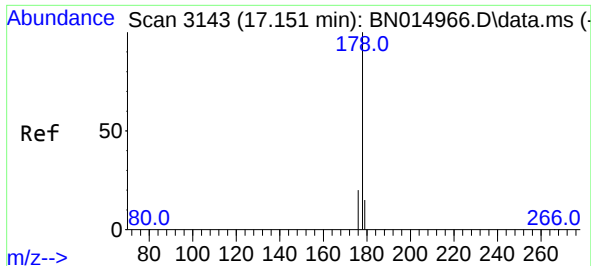


#14
Pentachlorophenol
Concen: 0.083 ng/ul
RT: 16.757 min Scan# 3002
Delta R.T. -0.001 min
Lab File: BN014969.D
Acq: 22 Jun 2021 10:53

Tgt Ion:266 Resp: 256

Ion	Ratio	Lower	Upper
266	100		
264	64.5	50.2	75.2
268	64.5	51.8	77.6

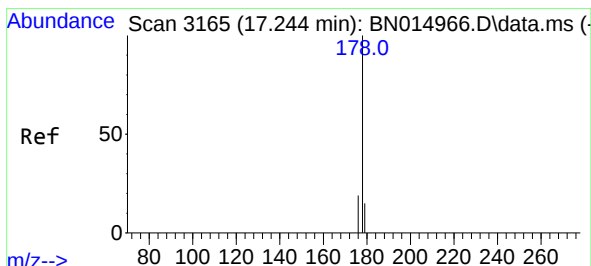
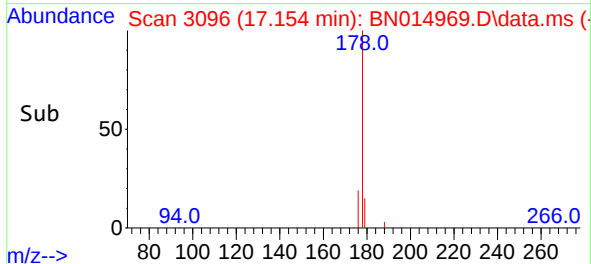
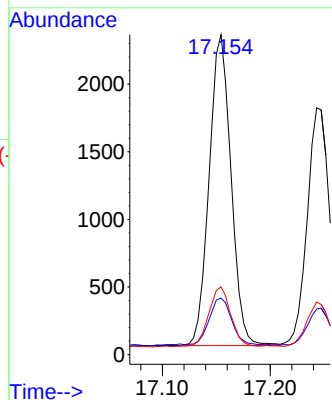
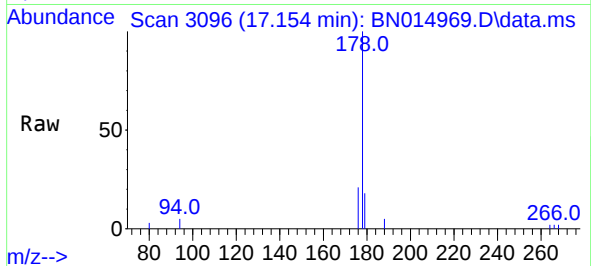




#15
Phenanthrene
Concen: 0.064 ng/u1
RT: 17.154 min Scan# 3096
Delta R.T. 0.003 min
Lab File: BN014969.D
Acq: 22 Jun 2021 10:53

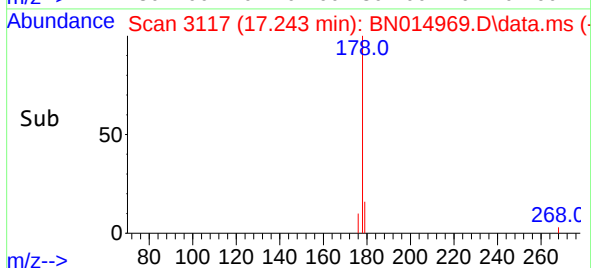
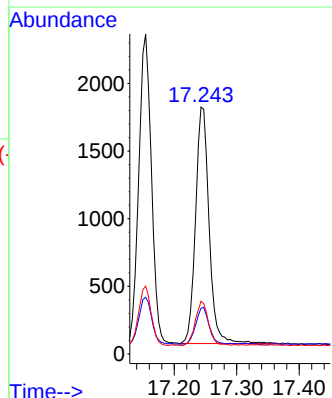
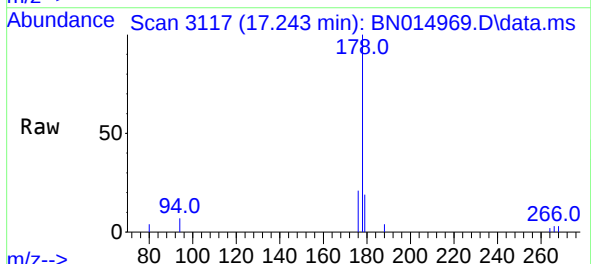
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-06

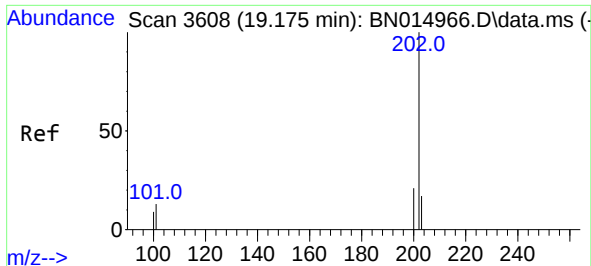
Tgt Ion:	178	Resp:	3239
Ion Ratio	Lower	Upper	
178	100		
179	17.7	12.3	18.5
176	21.2	15.5	23.3



#16
Anthracene
Concen: 0.059 ng/u1
RT: 17.243 min Scan# 3117
Delta R.T. -0.001 min
Lab File: BN014969.D
Acq: 22 Jun 2021 10:53

Tgt Ion:	178	Resp:	2633
Ion Ratio	Lower	Upper	
178	100		
179	18.5	12.8	19.2
176	21.3	15.2	22.8

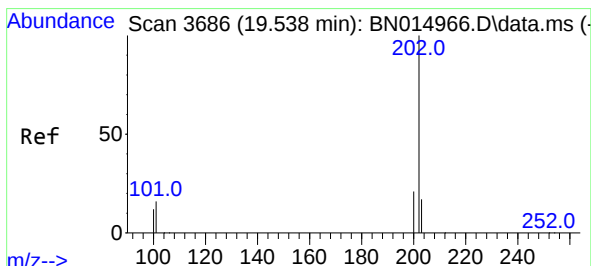
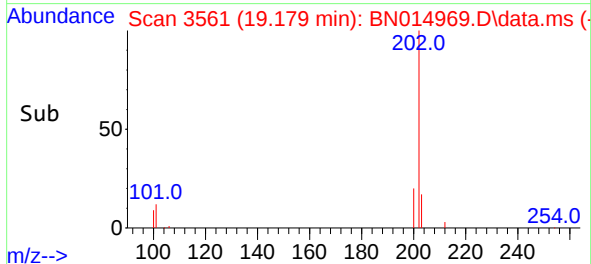
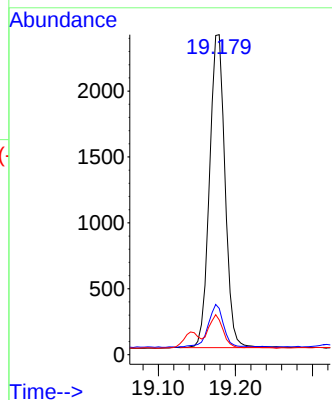
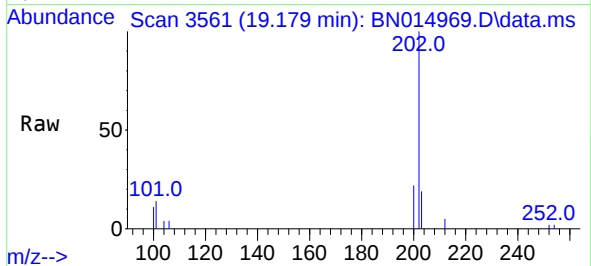




#19
Fluoranthene
Concen: 0.072 ng/ul
RT: 19.179 min Scan# 3561
Delta R.T. 0.004 min
Lab File: BN014969.D
Acq: 22 Jun 2021 10:53

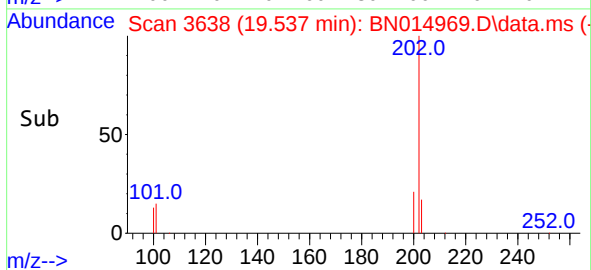
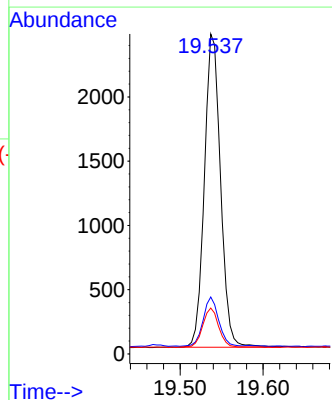
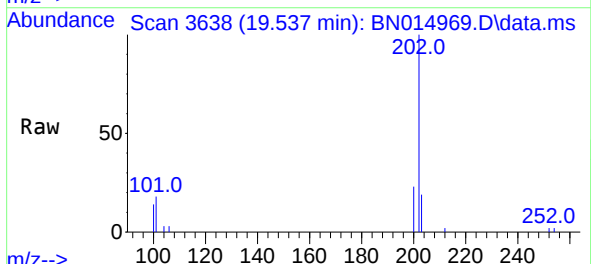
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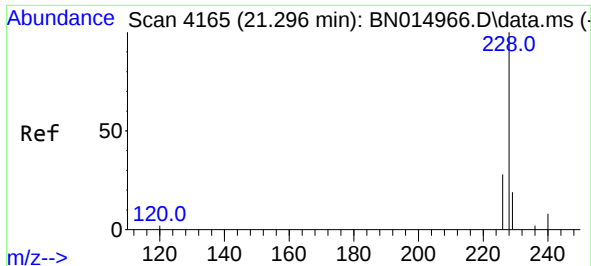
Tgt Ion:202 Resp: 3327
Ion Ratio Lower Upper
202 100
101 14.5 10.1 15.1
100 10.8 7.4 11.0



#20
Pyrene
Concen: 0.071 ng/ul
RT: 19.537 min Scan# 3638
Delta R.T. -0.001 min
Lab File: BN014969.D
Acq: 22 Jun 2021 10:53

Tgt Ion:202 Resp: 3307
Ion Ratio Lower Upper
202 100
101 17.8 12.0 18.0
100 14.3 9.6 14.4



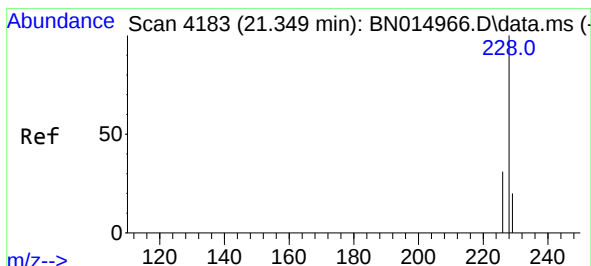
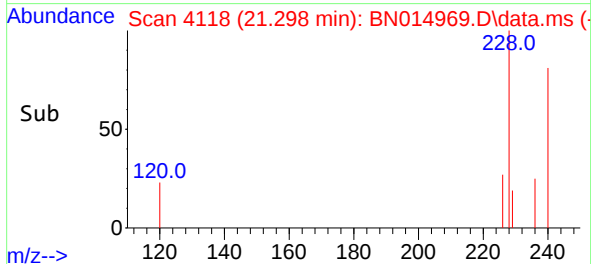
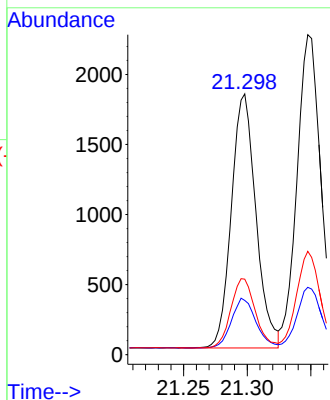
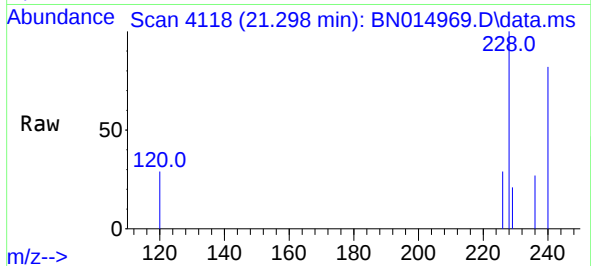


#21
Benzo(a)anthracene
Concen: 0.066 ng/ul
RT: 21.298 min Scan# 4118
Delta R.T. 0.002 min
Lab File: BN014969.D
Acq: 22 Jun 2021 10:53

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-06

Tgt Ion:228 Resp: 2434

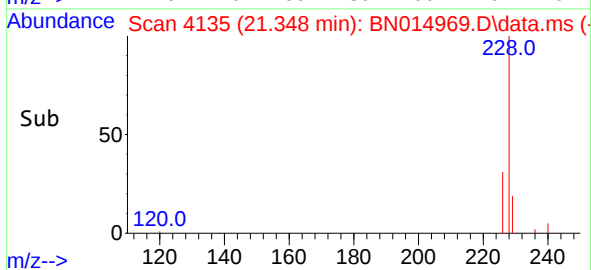
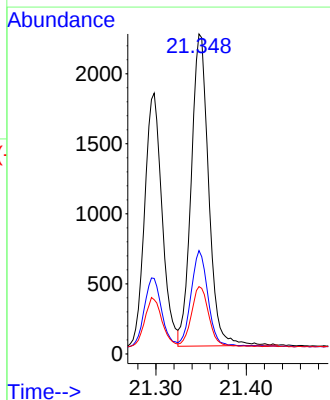
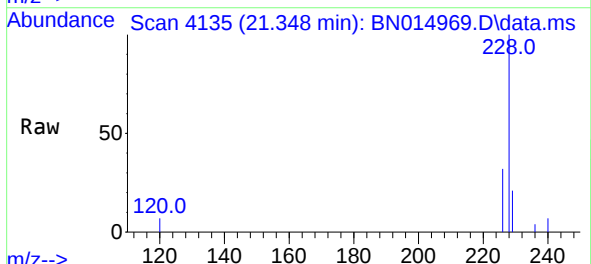
Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.8
226	29.0	21.8	32.8

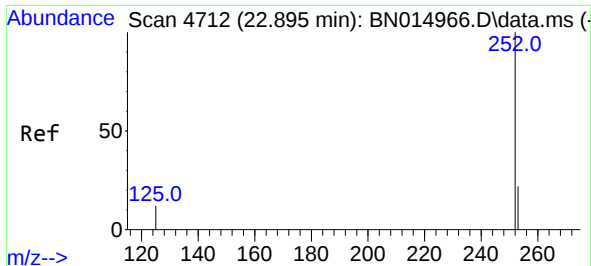


#22
Chrysene
Concen: 0.067 ng/ul
RT: 21.348 min Scan# 4135
Delta R.T. -0.001 min
Lab File: BN014969.D
Acq: 22 Jun 2021 10:53

Tgt Ion:228 Resp: 2981

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.6	37.0
229	21.0	15.7	23.5

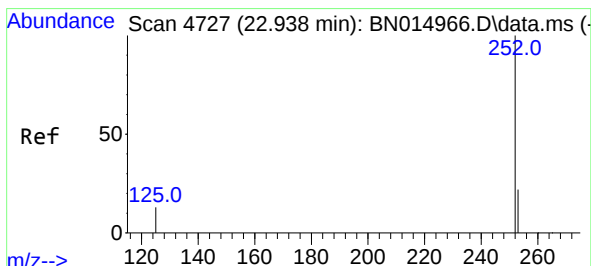
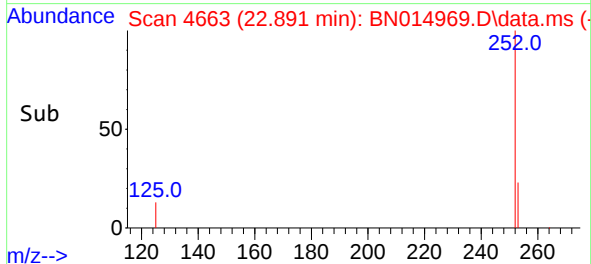
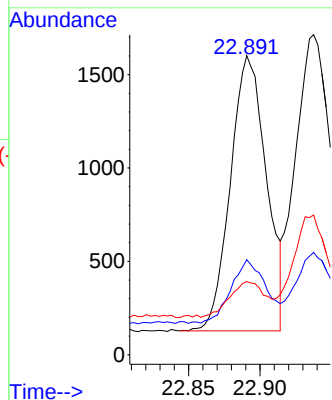
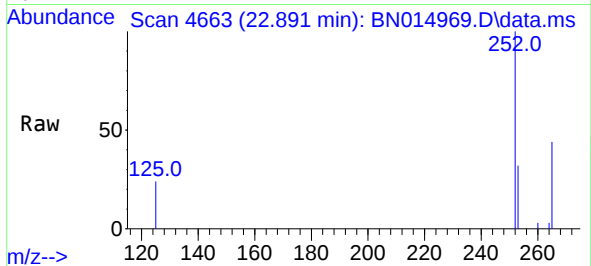




#24
Benzo(b)fluoranthene
Concen: 0.058 ng/ul
RT: 22.891 min Scan# 4663
Delta R.T. -0.004 min
Lab File: BN014969.D
Acq: 22 Jun 2021 10:53

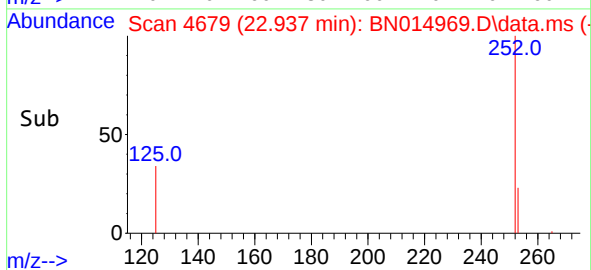
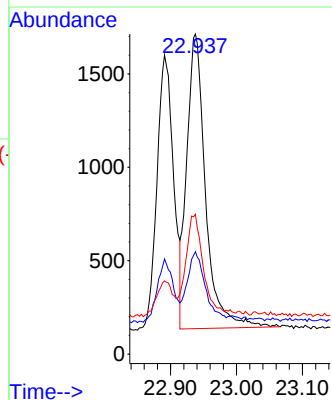
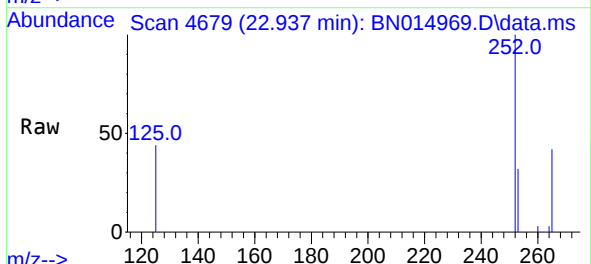
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-06

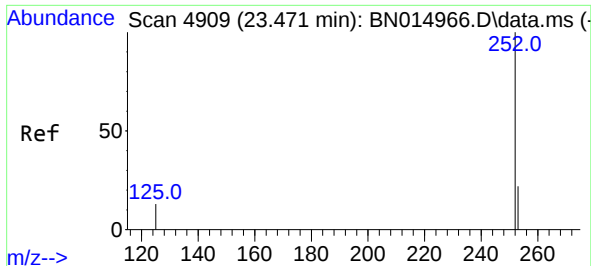
Tgt Ion:252 Resp: 2577
Ion Ratio Lower Upper
252 100
253 31.8 0.0 45.6
125 24.5 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 0.062 ng/ul
RT: 22.937 min Scan# 4679
Delta R.T. -0.001 min
Lab File: BN014969.D
Acq: 22 Jun 2021 10:53

Tgt Ion:252 Resp: 3123
Ion Ratio Lower Upper
252 100
253 32.0 18.1 27.1#
125 43.6 11.5 17.3#

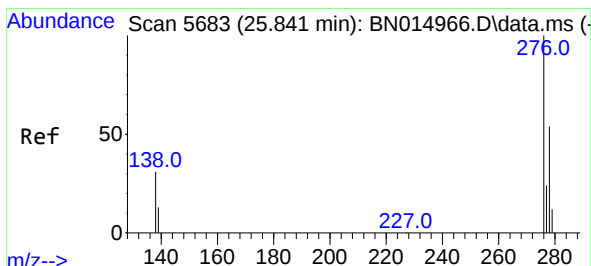
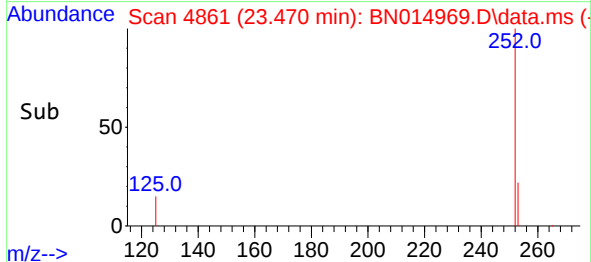
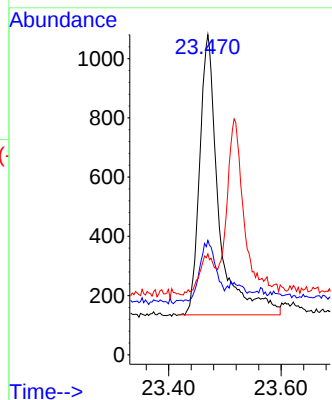
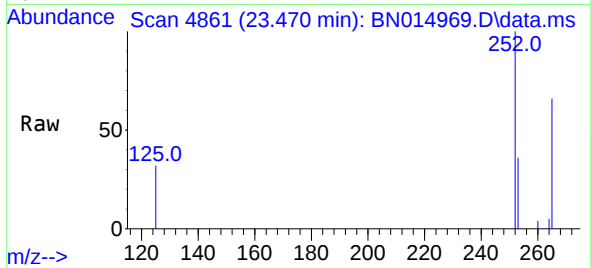




#26
Benzo(a)pyrene
Concen: 0.059 ng/ul
RT: 23.470 min Scan# 4861
Delta R.T. -0.001 min
Lab File: BN014969.D
Acq: 22 Jun 2021 10:53

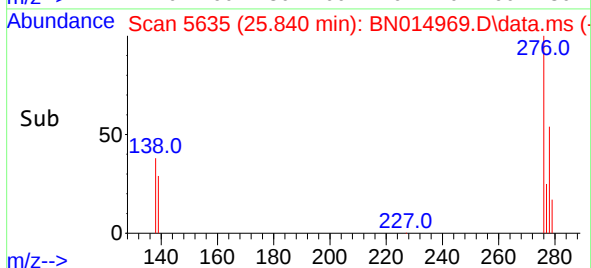
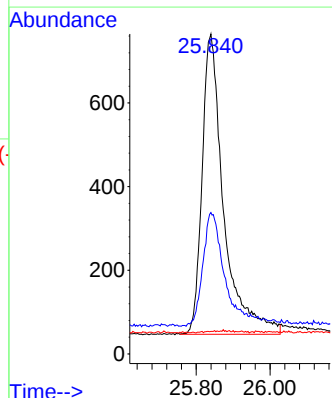
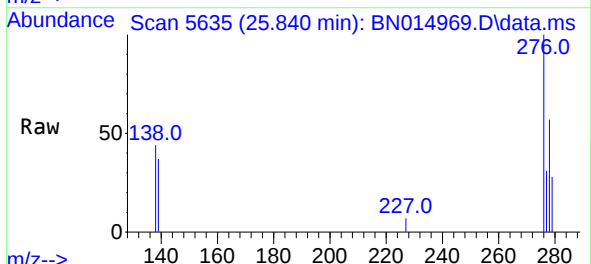
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-06

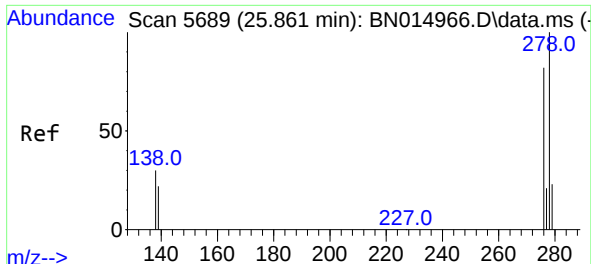
Tgt Ion:252 Resp: 2228
Ion Ratio Lower Upper
252 100
253 35.7 18.9 28.3#
125 31.5 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.064 ng/ul
RT: 25.840 min Scan# 5635
Delta R.T. -0.001 min
Lab File: BN014969.D
Acq: 22 Jun 2021 10:53

Tgt Ion:276 Resp: 2915
Ion Ratio Lower Upper
276 100
138 40.0 26.3 39.5#
227 0.1 0.1 0.1#

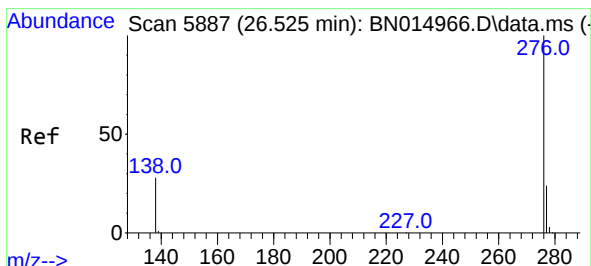
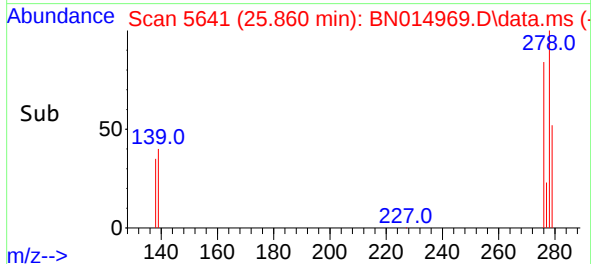
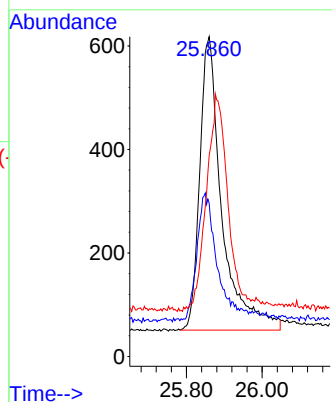
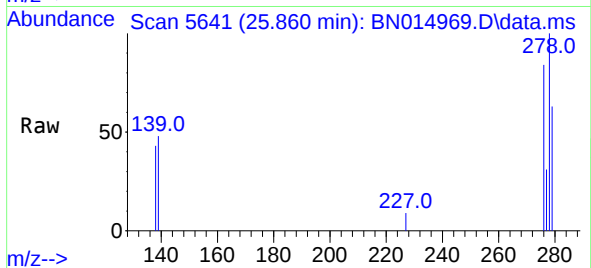




#28
Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul
RT: 25.860 min Scan# 5641
Delta R.T. -0.001 min
Lab File: BN014969.D
Acq: 22 Jun 2021 10:53

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-06

Tgt Ion:278 Resp: 2302
Ion Ratio Lower Upper
278 100
139 47.9 18.9 28.3#
279 62.8 20.8 31.2#



#29
Benzo(g,h,i)perylene
Concen: 0.061 ng/ul
RT: 26.524 min Scan# 5839
Delta R.T. -0.001 min
Lab File: BN014969.D
Acq: 22 Jun 2021 10:53

Tgt Ion:276 Resp: 2549
Ion Ratio Lower Upper
276 100
138 37.2 23.0 34.4#
277 29.7 19.3 28.9#

