

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062121\
 Data File : BN014957.D
 Acq On : 21 Jun 2021 15:58
 Operator : CG/JU
 Sample : M2250-01
 Misc : SFAM-SIM-MDL-W-01
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT3-2021-05

Quant Time: Jun 21 16:30:32 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 : Mon Jun 21 14:33:43 2021
 Response via : Initial Calibration

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

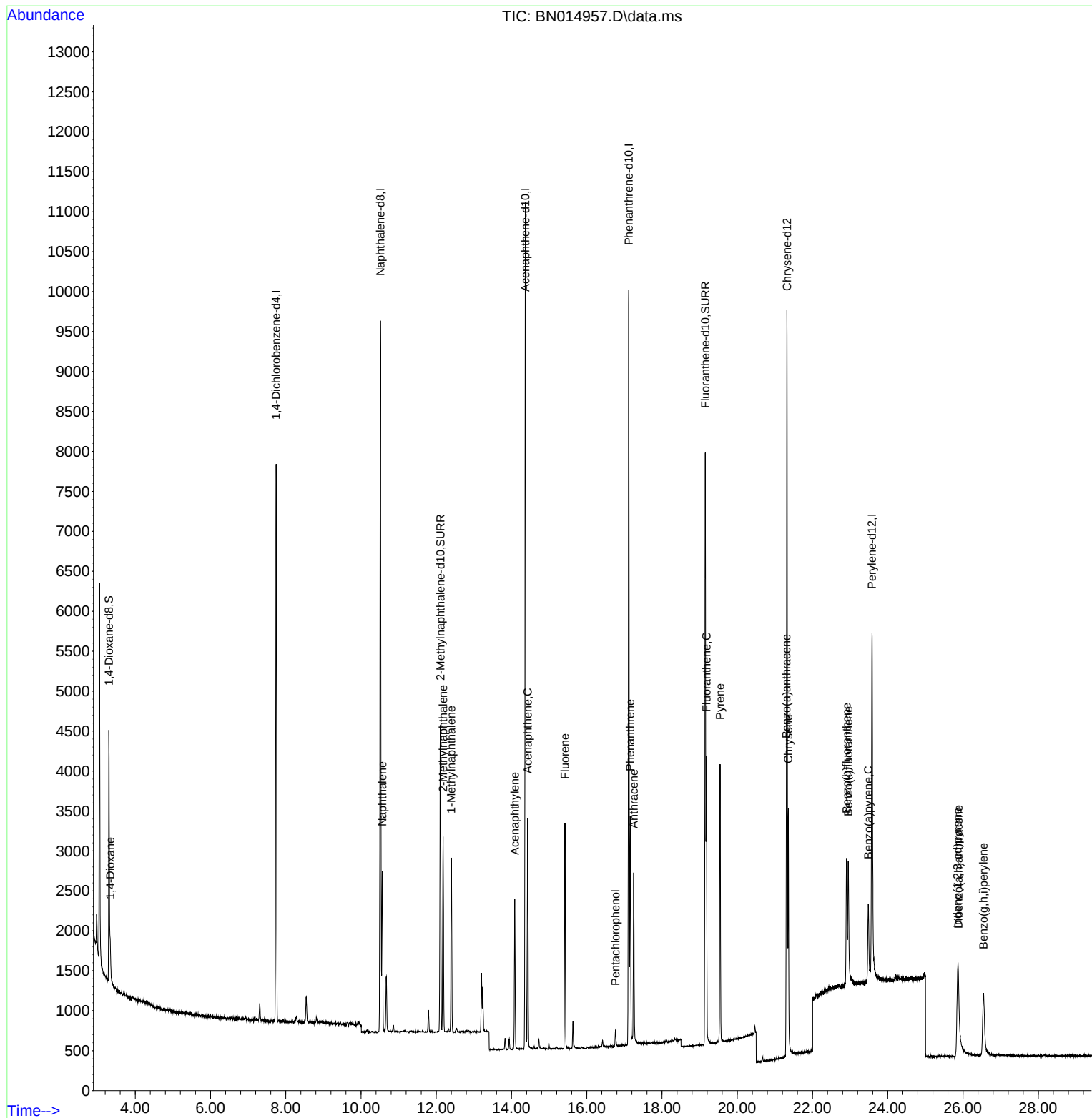
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.743	152	3439	0.400	ng/ul	0.00
4) Naphthalene-d8	10.514	136	11582	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.369	164	5646	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.117	188	11154	0.400	ng/ul	0.00
17) Chrysene-d12	21.323	240	7891	0.400	ng/ul	0.00
23) Perylene-d12	23.582	264	6208	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.300	96	2078	0.536	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.109	152	4938	0.272	ng/ul	0.00
18) Fluoranthene-d10	19.152	212	8247	0.318	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.338	88	234	0.056	ng/ul#	74
5) Naphthalene	10.564	128	2684	0.073	ng/ul#	94
7) 2-Methylnaphthalene	12.181	142	1724	0.071	ng/ul	100
8) 1-Methylnaphthalene	12.401	142	1492	0.064	ng/ul	98
10) Acenaphthylene	14.087	152	2033	0.070	ng/ul#	94
11) Acenaphthene	14.430	153	1603	0.072	ng/ul	97
12) Fluorene	15.420	166	1750	0.071	ng/ul	98
14) Pentachlorophenol	16.763	266	152	0.062	ng/ul	96
15) Phenanthrene	17.155	178	2936	0.073	ng/ul	95
16) Anthracene	17.248	178	2342	0.066	ng/ul	94
19) Fluoranthene	19.180	202	2954	0.081	ng/ul#	94
20) Pyrene	19.543	202	2904	0.079	ng/ul	94
21) Benzo(a)anthracene	21.305	228	2064	0.071	ng/ul	96
22) Chrysene	21.358	228	2647	0.076	ng/ul	98
24) Benzo(b)fluoranthene	22.907	252	2214	0.076	ng/ul	76
25) Benzo(k)fluoranthene	22.950	252	2290	0.070	ng/ul#	74
26) Benzo(a)pyrene	23.482	252	1656	0.068	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	25.854	276	1990	0.068	ng/ul	99
28) Dibenzo(a,h)anthracene	25.878	278	1478	0.064	ng/ul#	69
29) Benzo(g,h,i)perylene	26.542	276	1987	0.073	ng/ul#	85

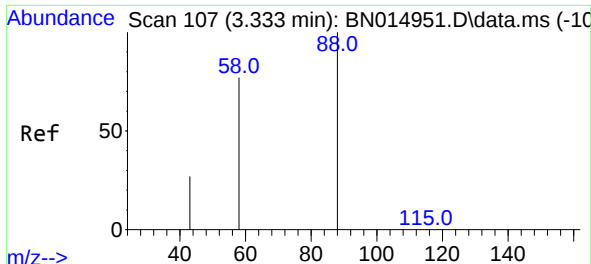
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : SFAM-SIM-MDL-W-01
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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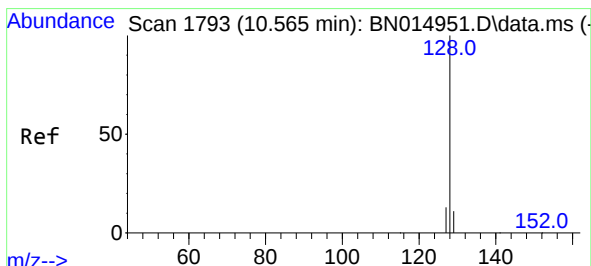
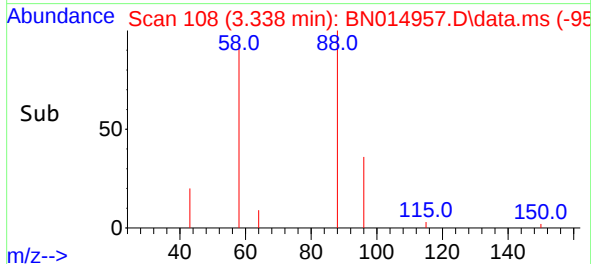
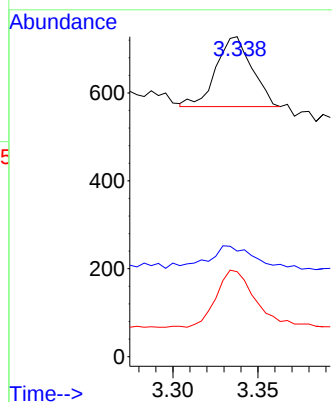
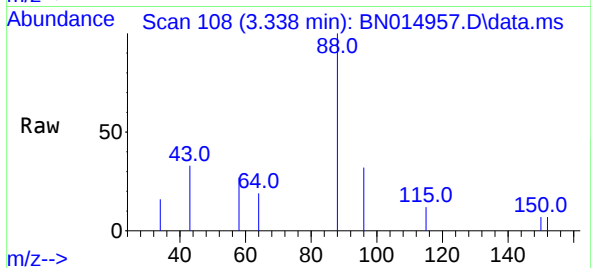




#2
1,4-Dioxane
Concen: 0.056 ng/ul
RT: 3.338 min Scan# 108
Delta R.T. 0.004 min
Lab File: BN014957.D
Acq: 21 Jun 2021 15:58

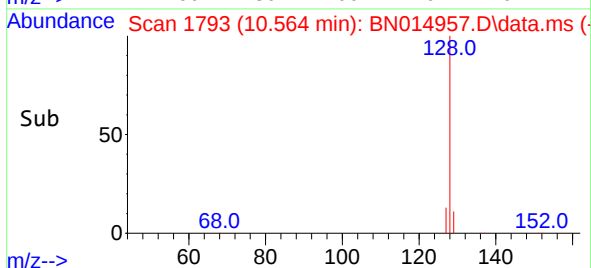
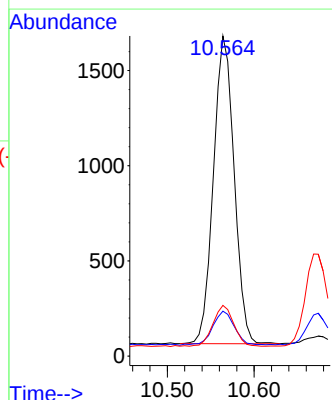
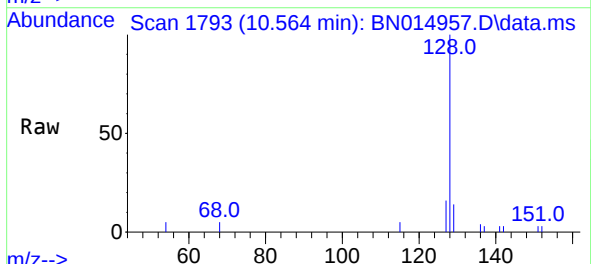
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05

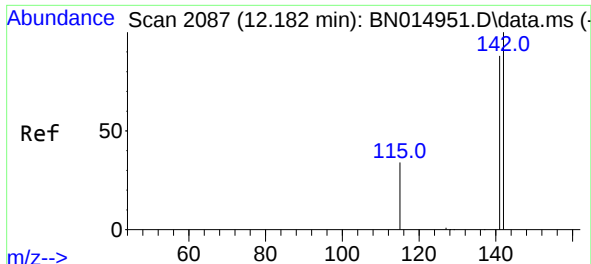
Tgt Ion: 88 Resp: 234
Ion Ratio Lower Upper
88 100
43 33.0 24.9 37.3
58 26.5 43.4 65.0#



#5
Naphthalene
Concen: 0.073 ng/ul
RT: 10.564 min Scan# 1793
Delta R.T. -0.001 min
Lab File: BN014957.D
Acq: 21 Jun 2021 15:58

Tgt Ion:128 Resp: 2684
Ion Ratio Lower Upper
128 100
129 14.0 9.3 13.9#
127 15.8 10.8 16.2

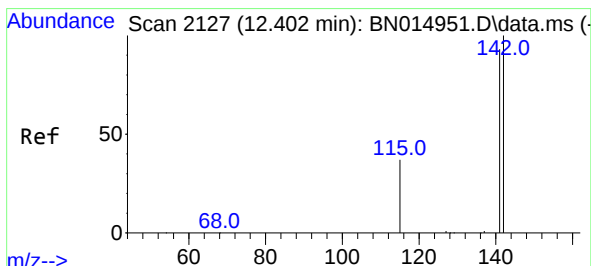
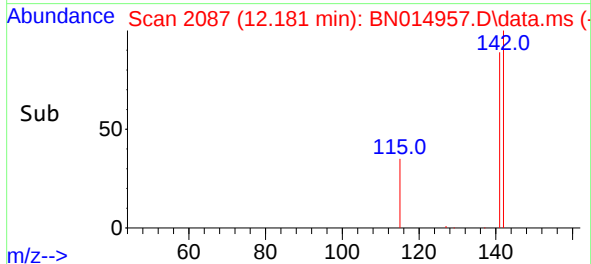
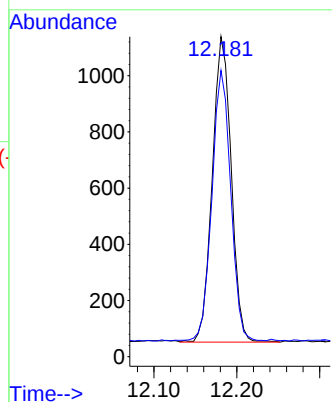
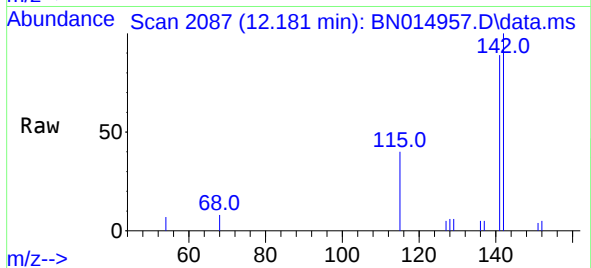




#7
2-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.181 min Scan# 2087
Delta R.T. -0.001 min
Lab File: BN014957.D
Acq: 21 Jun 2021 15:58

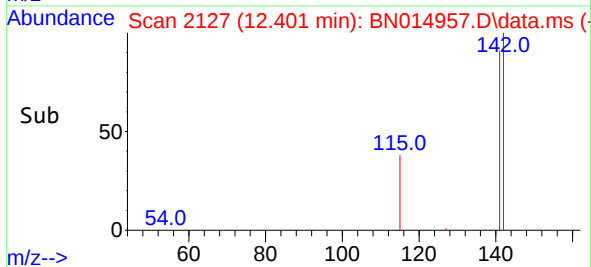
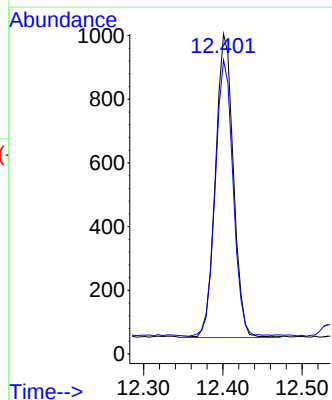
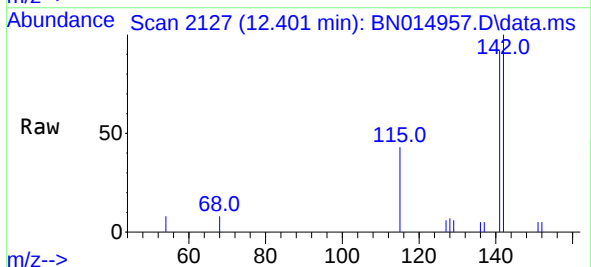
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05

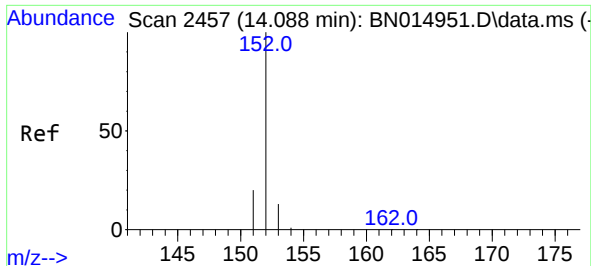
Tgt Ion:142 Resp: 1724
Ion Ratio Lower Upper
142 100
141 87.6 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.401 min Scan# 2127
Delta R.T. -0.001 min
Lab File: BN014957.D
Acq: 21 Jun 2021 15:58

Tgt Ion:142 Resp: 1492
Ion Ratio Lower Upper
142 100
141 91.4 74.2 111.4

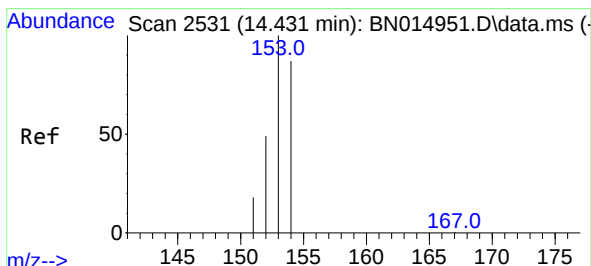
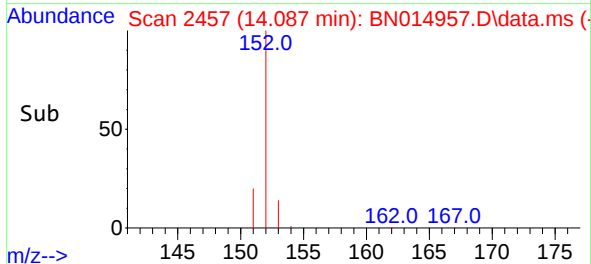
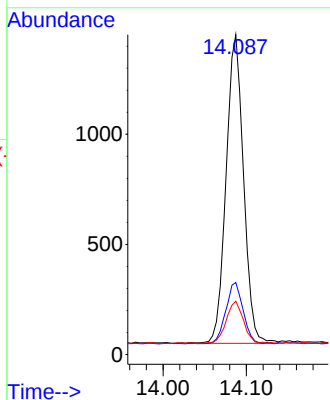
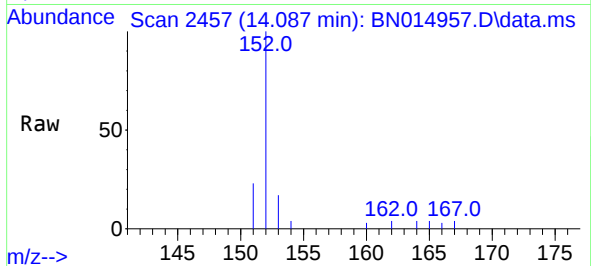




#10
Acenaphthylene
Concen: 0.070 ng/ul
RT: 14.087 min Scan# 2457
Delta R.T. -0.001 min
Lab File: BN014957.D
Acq: 21 Jun 2021 15:58

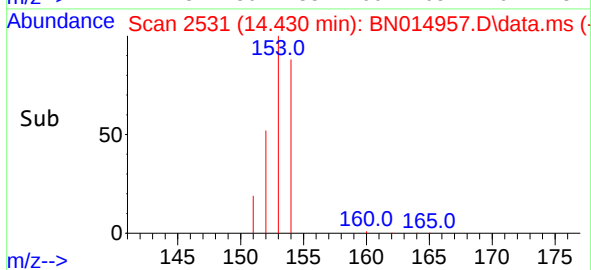
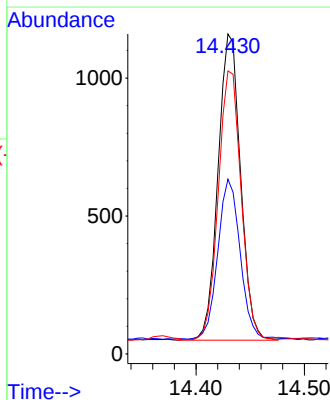
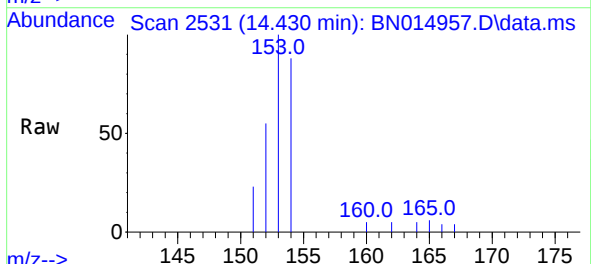
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05

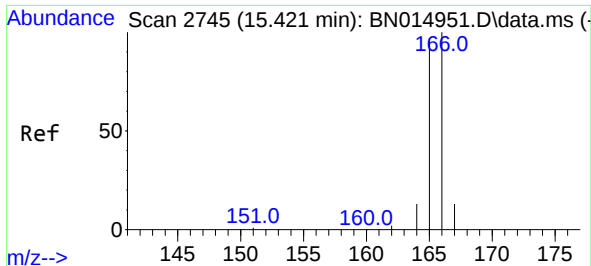
Tgt Ion:	152	Resp:	2033
Ion Ratio	Lower	Upper	
152	100		
151	22.5	16.0	24.0
153	16.7	10.9	16.3#



#11
Acenaphthene
Concen: 0.072 ng/ul
RT: 14.430 min Scan# 2531
Delta R.T. -0.001 min
Lab File: BN014957.D
Acq: 21 Jun 2021 15:58

Tgt Ion:	153	Resp:	1603
Ion Ratio	Lower	Upper	
153	100		
152	54.6	39.8	59.6
154	88.4	69.8	104.8



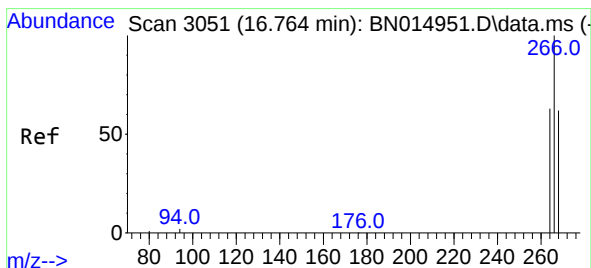
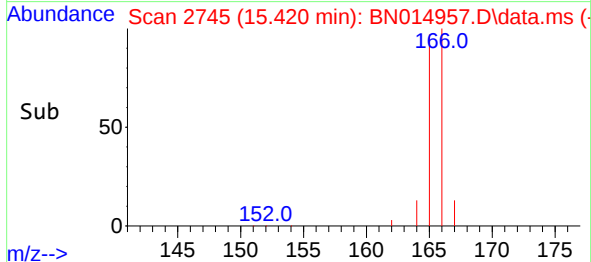
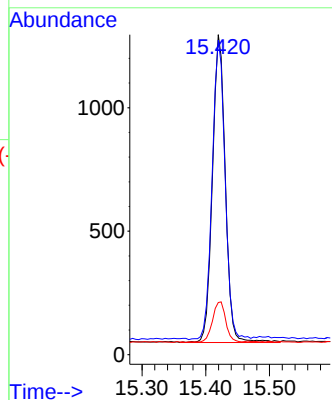
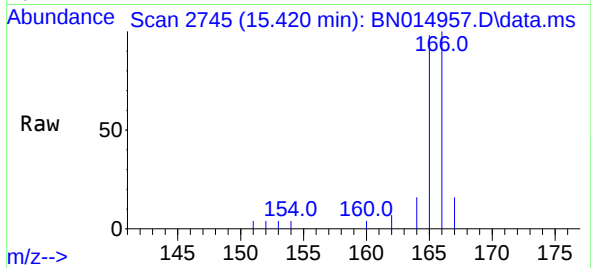


#12
Fluorene
Concen: 0.071 ng/ul
RT: 15.420 min Scan# 2745
Delta R.T. -0.001 min
Lab File: BN014957.D
Acq: 21 Jun 2021 15:58

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05

Tgt Ion:166 Resp: 1750

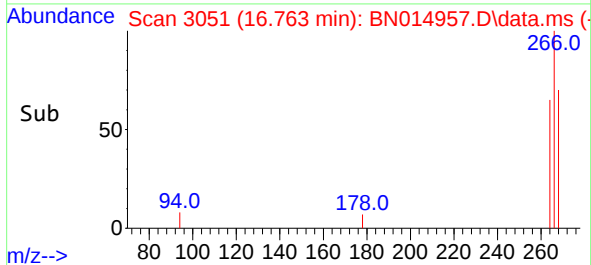
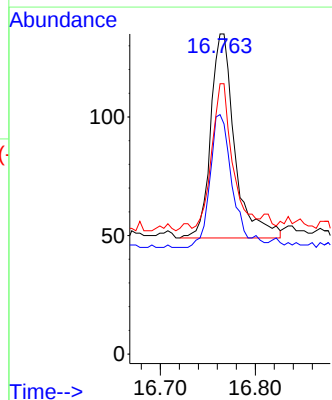
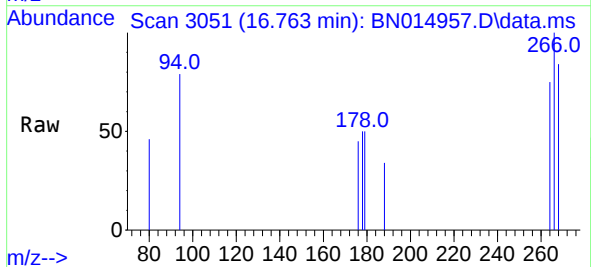
Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.8	116.8
167	16.3	11.2	16.8

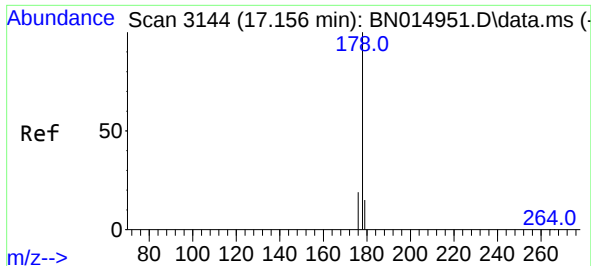


#14
Pentachlorophenol
Concen: 0.062 ng/ul
RT: 16.763 min Scan# 3051
Delta R.T. -0.001 min
Lab File: BN014957.D
Acq: 21 Jun 2021 15:58

Tgt Ion:266 Resp: 152

Ion	Ratio	Lower	Upper
266	100		
264	60.5	50.2	75.2
268	61.2	51.8	77.6

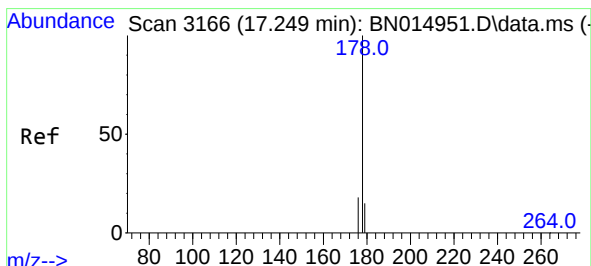
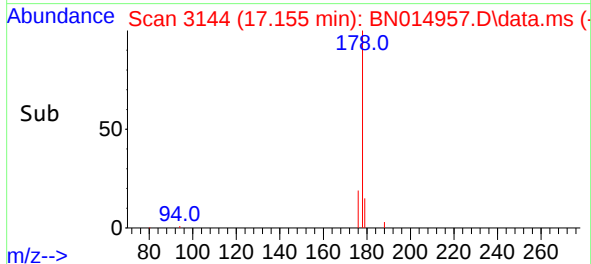
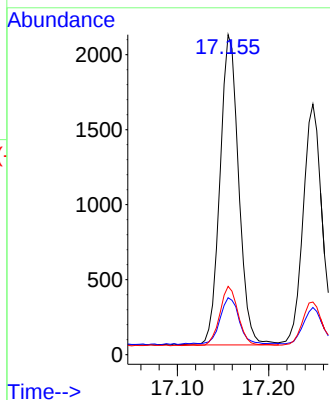
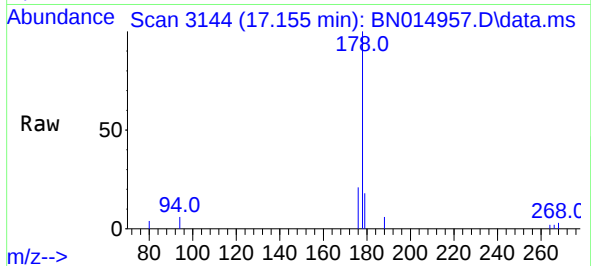




#15
Phenanthrene
Concen: 0.073 ng/ul
RT: 17.155 min Scan# 3144
Delta R.T. -0.001 min
Lab File: BN014957.D
Acq: 21 Jun 2021 15:58

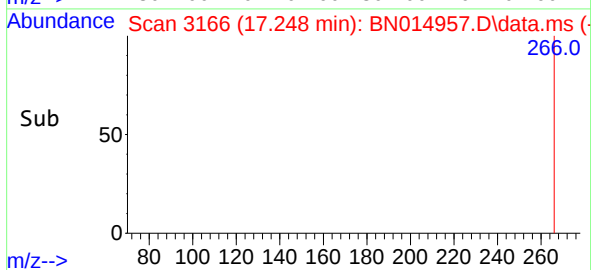
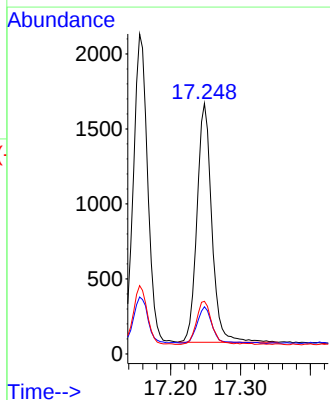
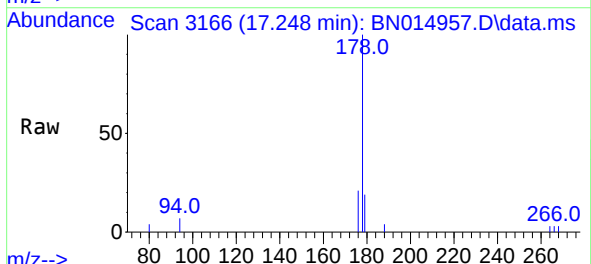
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05

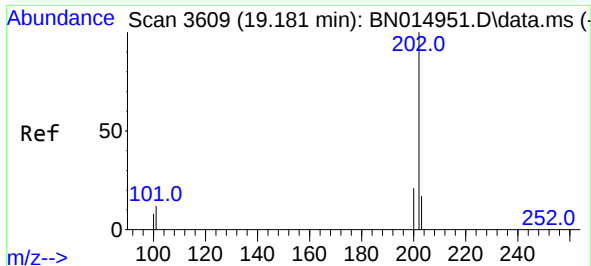
Tgt Ion:	178	Resp:	2936
Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.3	18.5
176	21.3	15.5	23.3



#16
Anthracene
Concen: 0.066 ng/ul
RT: 17.248 min Scan# 3166
Delta R.T. -0.001 min
Lab File: BN014957.D
Acq: 21 Jun 2021 15:58

Tgt Ion:	178	Resp:	2342
Ion	Ratio	Lower	Upper
178	100		
179	18.9	12.8	19.2
176	21.0	15.2	22.8

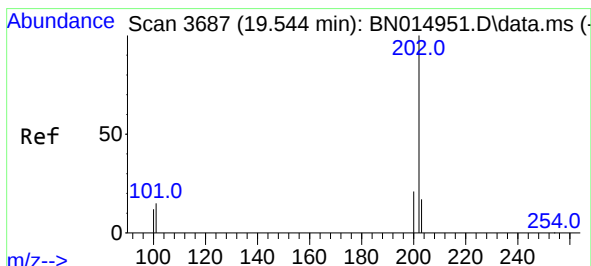
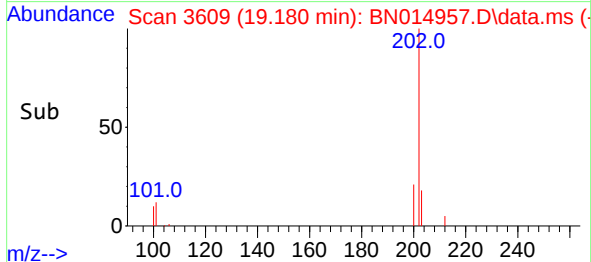
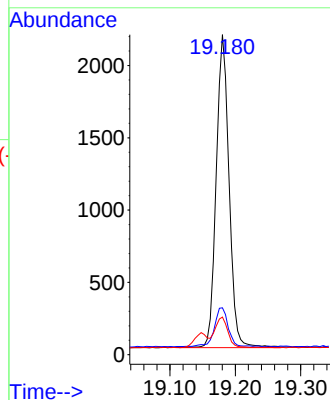
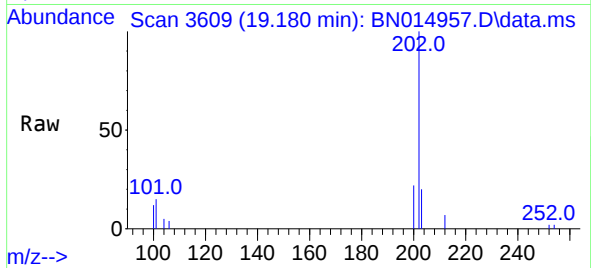




#19
Fluoranthene
Concen: 0.081 ng/ul
RT: 19.180 min Scan# 3609
Delta R.T. -0.001 min
Lab File: BN014957.D
Acq: 21 Jun 2021 15:58

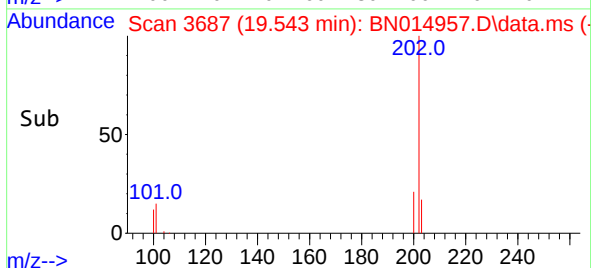
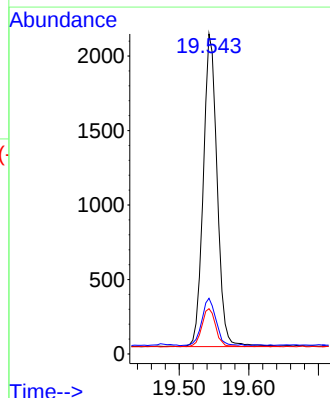
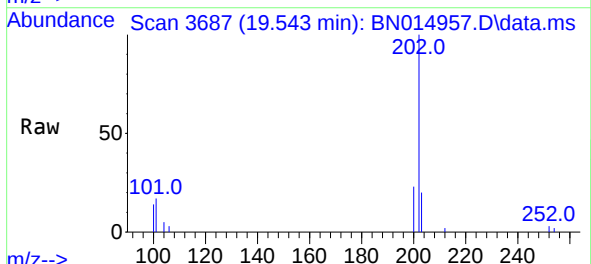
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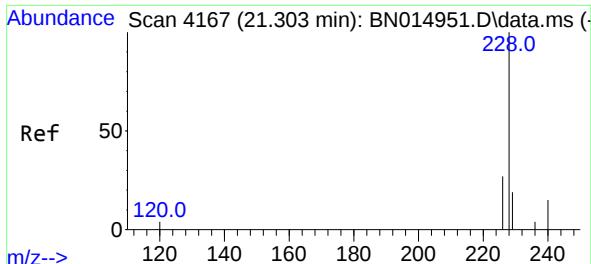
Tgt Ion:202	Resp:	2954
Ion Ratio	Lower	Upper
202	100	
101	14.7	10.1 15.1
100	11.7	7.4 11.0#



#20
Pyrene
Concen: 0.079 ng/ul
RT: 19.543 min Scan# 3687
Delta R.T. -0.001 min
Lab File: BN014957.D
Acq: 21 Jun 2021 15:58

Tgt Ion:202	Resp:	2904
Ion Ratio	Lower	Upper
202	100	
101	17.4	12.0 18.0
100	14.2	9.6 14.4

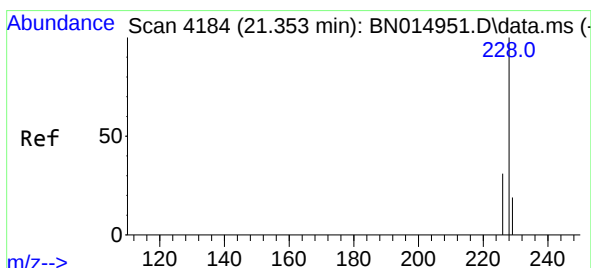
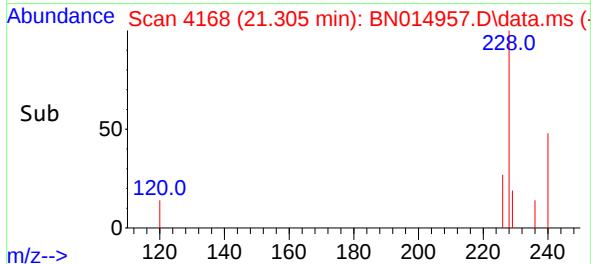
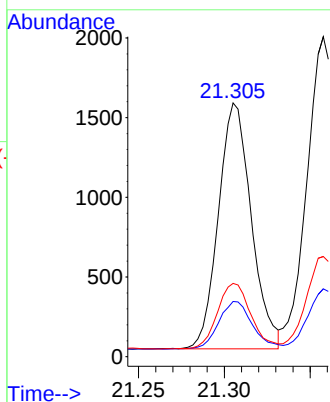
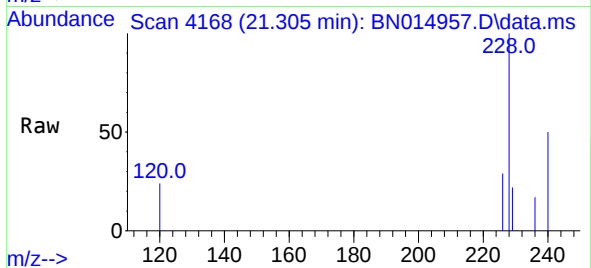




#21
Benzo(a)anthracene
Concen: 0.071 ng/ul
RT: 21.305 min Scan# 4168
Delta R.T. 0.002 min
Lab File: BN014957.D
Acq: 21 Jun 2021 15:58

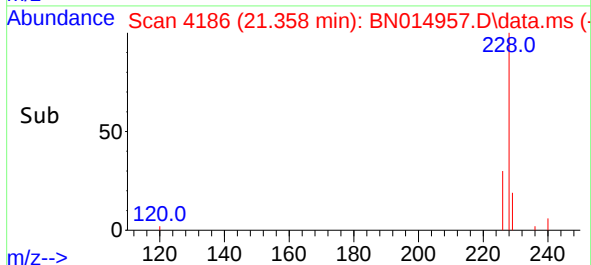
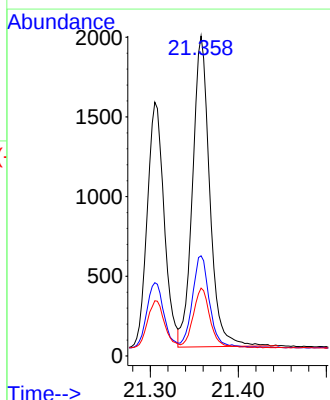
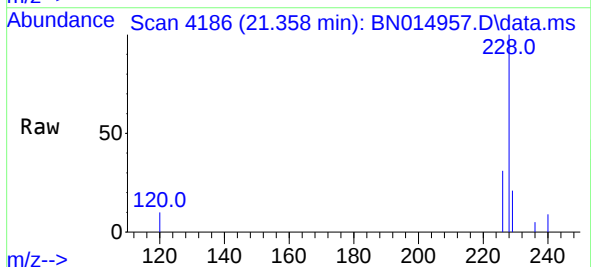
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05

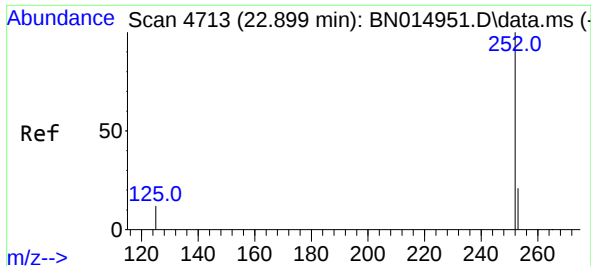
Tgt Ion:	228	Resp:	2064
Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.8	23.8
226	28.9	21.8	32.8



#22
Chrysene
Concen: 0.076 ng/ul
RT: 21.358 min Scan# 4186
Delta R.T. 0.005 min
Lab File: BN014957.D
Acq: 21 Jun 2021 15:58

Tgt Ion:	228	Resp:	2647
Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.6	37.0
229	21.2	15.7	23.5

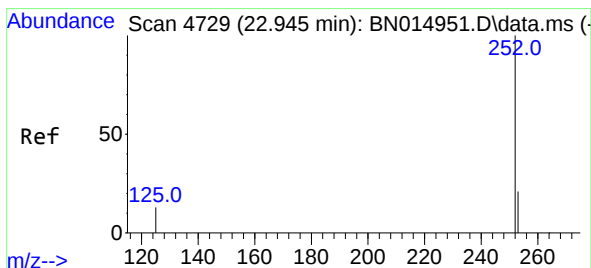
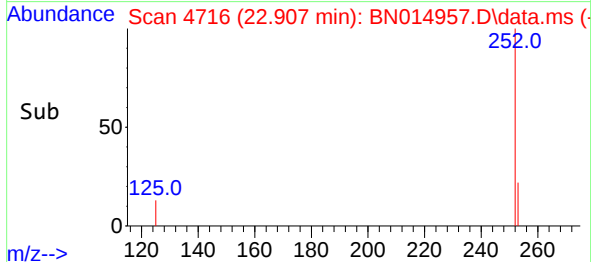
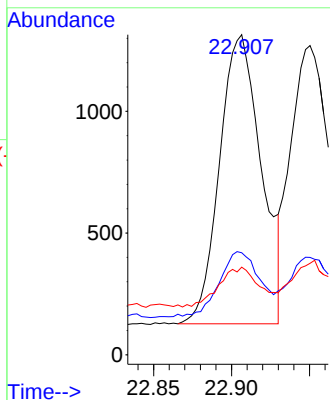
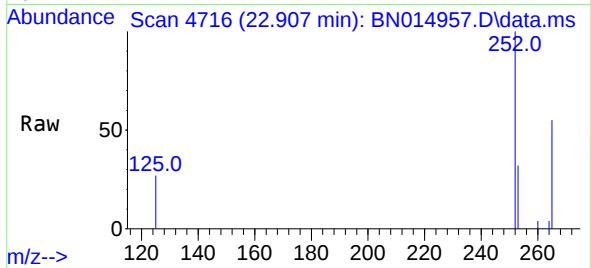




#24
Benzo(b)fluoranthene
Concen: 0.076 ng/ul
RT: 22.907 min Scan# 4716
Delta R.T. 0.008 min
Lab File: BN014957.D
Acq: 21 Jun 2021 15:58

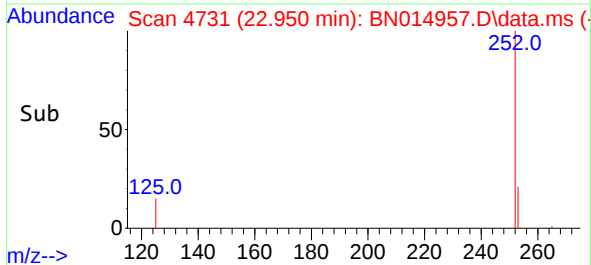
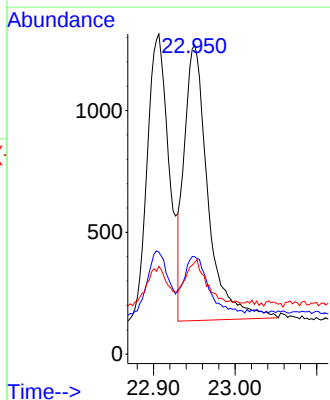
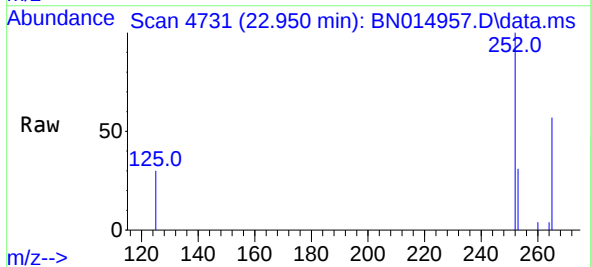
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05

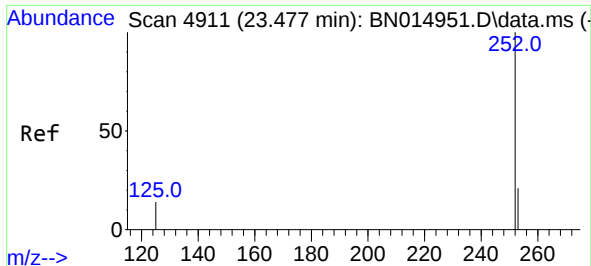
Tgt Ion:252 Resp: 2214
Ion Ratio Lower Upper
252 100
253 31.9 0.0 45.6
125 27.4 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 0.070 ng/ul
RT: 22.950 min Scan# 4731
Delta R.T. 0.005 min
Lab File: BN014957.D
Acq: 21 Jun 2021 15:58

Tgt Ion:252 Resp: 2290
Ion Ratio Lower Upper
252 100
253 31.5 18.1 27.1#
125 29.6 11.5 17.3#

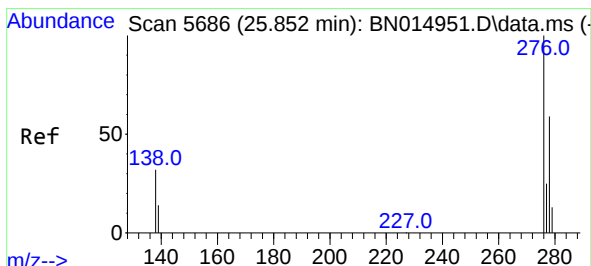
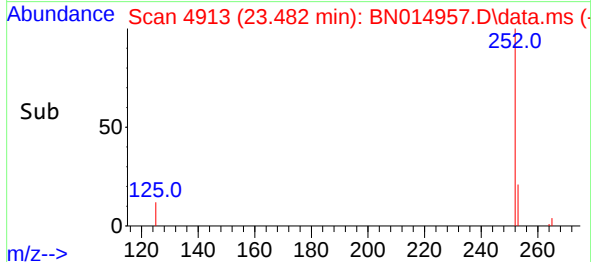
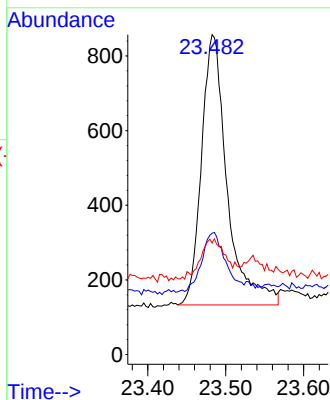
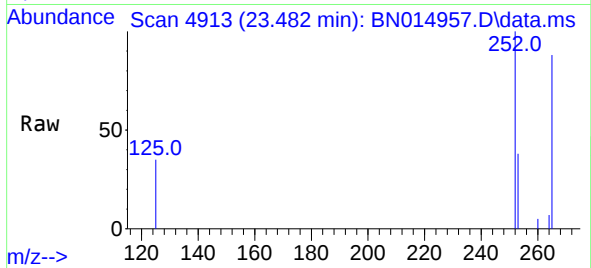




#26
Benzo(a)pyrene
Concen: 0.068 ng/ul
RT: 23.482 min Scan# 4913
Delta R.T. 0.005 min
Lab File: BN014957.D
Acq: 21 Jun 2021 15:58

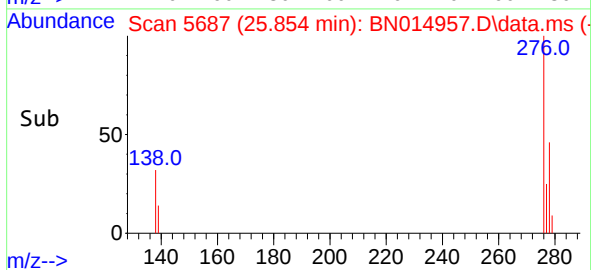
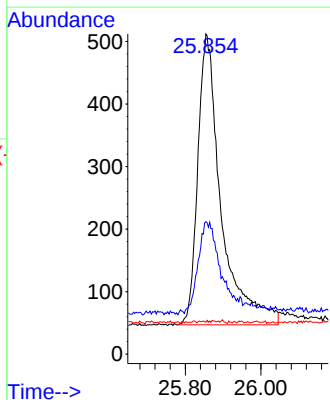
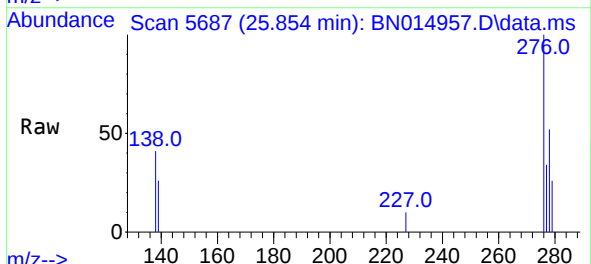
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05

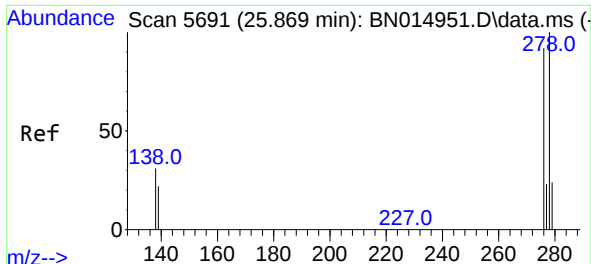
Tgt Ion:	252	Resp:	1656
Ion	Ratio	Lower	Upper
252	100		
253	37.9	18.9	28.3#
125	34.9	13.5	20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.068 ng/ul
RT: 25.854 min Scan# 5687
Delta R.T. 0.002 min
Lab File: BN014957.D
Acq: 21 Jun 2021 15:58

Tgt Ion:	276	Resp:	1990
Ion	Ratio	Lower	Upper
276	100		
138	32.5	26.3	39.5
227	0.1	0.1	0.1

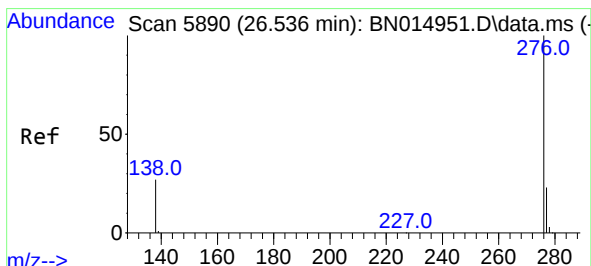
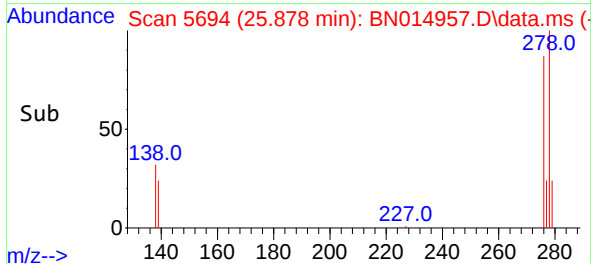
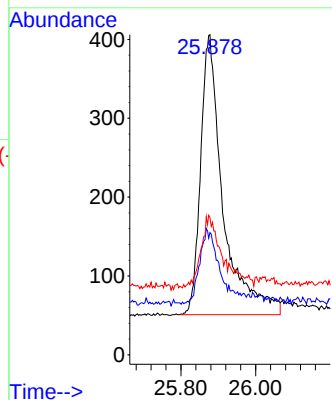
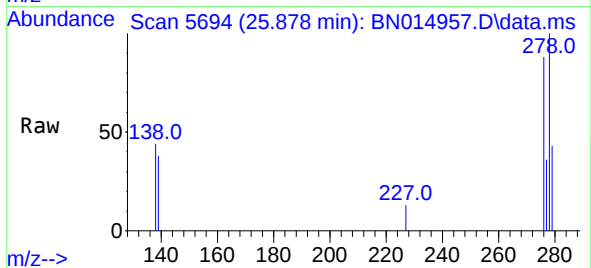




#28
Dibenzo(a,h)anthracene
Concen: 0.064 ng/ul
RT: 25.878 min Scan# 5694
Delta R.T. 0.009 min
Lab File: BN014957.D
Acq: 21 Jun 2021 15:58

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05

Tgt Ion:278 Resp: 1478
Ion Ratio Lower Upper
278 100
139 38.2 18.9 28.3#
279 42.9 20.8 31.2#



#29
Benzo(g,h,i)perylene
Concen: 0.073 ng/ul
RT: 26.542 min Scan# 5892
Delta R.T. 0.005 min
Lab File: BN014957.D
Acq: 21 Jun 2021 15:58

Tgt Ion:276 Resp: 1987
Ion Ratio Lower Upper
276 100
138 36.1 23.0 34.4#
277 32.3 19.3 28.9#

