

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110620\
 Data File : BM027734.D
 Acq On : 06 Nov 2020 13:53
 Operator : JU/CG
 Sample : L4485-11
 Misc : SFAM-SIM-MDL-W-02
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-04

Quant Time: Nov 06 14:35:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 06 11:00:57 2020
 Response via : Initial Calibration

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

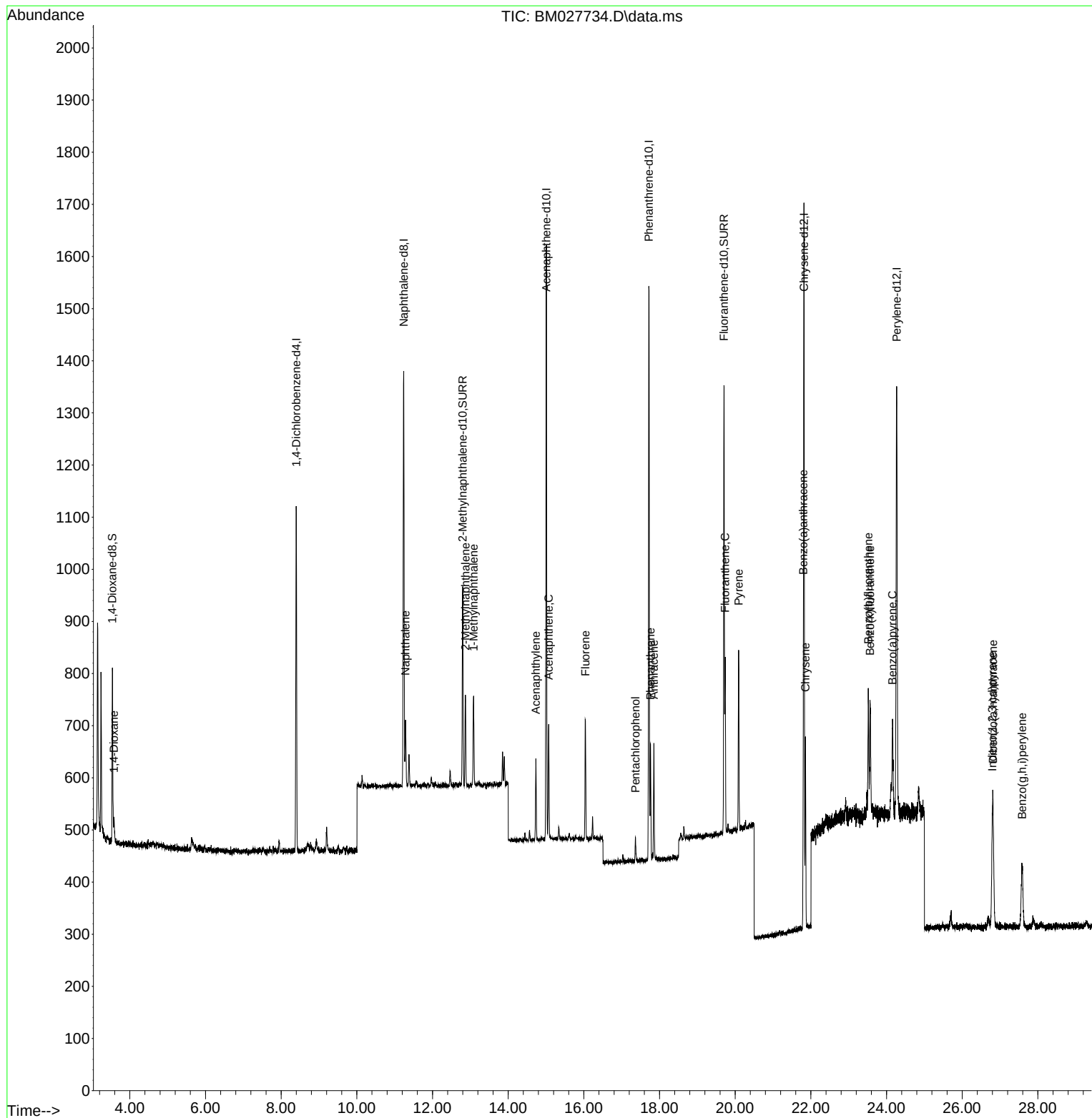
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.400	152	312	0.40	ng/ul	0.00
4) Naphthalene-d8	11.238	136	1041	0.40	ng/ul	0.00
9) Acenaphthene-d10	15.009	164	642	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.718	188	1403	0.40	ng/ul	0.00
19) Chrysene-d12	21.817	240	1284	0.40	ng/ul	0.00
23) Perylene-d12	24.269	264	1189	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.539	96	190	0.60	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.799	152	439	0.25	ng/ul	0.00
17) Fluoranthene-d10	19.703	212	999	0.27	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.580	88	32	0.09	ng/ul#	81
5) Naphthalene	11.287	128	185	0.06	ng/ul#	49
7) 2-Methylnaphthalene	12.871	142	117	0.06	ng/ul	94
8) 1-Methylnaphthalene	13.087	142	107	0.06	ng/ul	96
10) Acenaphthylene	14.732	152	157	0.05	ng/ul#	51
11) Acenaphthene	15.069	153	129	0.06	ng/ul#	85
12) Fluorene	16.040	166	147	0.06	ng/ul#	90
14) Pentachlorophenol	17.364	266	30	0.06	ng/ul	96
15) Phenanthrene	17.763	178	231	0.06	ng/ul#	65
16) Anthracene	17.853	178	232	0.06	ng/ul#	65
18) Fluoranthene	19.733	202	294	0.06	ng/ul#	60
20) Pyrene	20.092	202	306	0.06	ng/ul#	64
21) Benzo(a)anthracene	21.803	228	309	0.07	ng/ul#	80
22) Chrysene	21.856	228	310	0.06	ng/ul#	83
24) Benzo(b)fluoranthene	23.518	252	320	0.07	ng/ul#	52
25) Benzo(k)fluoranthene	23.564	252	328	0.07	ng/ul#	52
26) Benzo(a)pyrene	24.158	252	271	0.06	ng/ul#	47
27) Indeno(1,2,3-cd)pyrene	26.796	276	343	0.07	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.815	278	278	0.07	ng/ul#	42
29) Benzo(g,h,i)perylene	27.586	276	294	0.07	ng/ul#	59

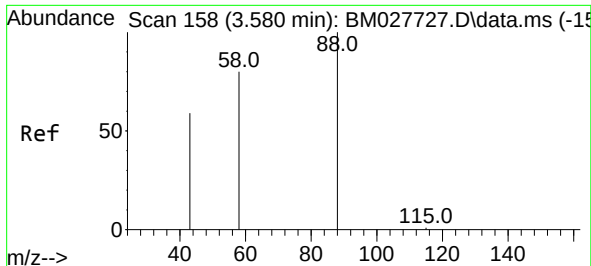
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_M
ClientSampled :
MDL-WATER-04

Quant Time: Nov 06 14:35:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 11:00:57 2020
Response via : Initial Calibration

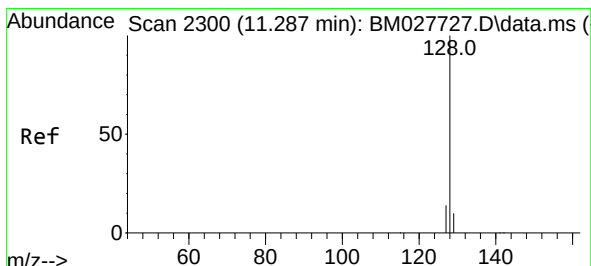
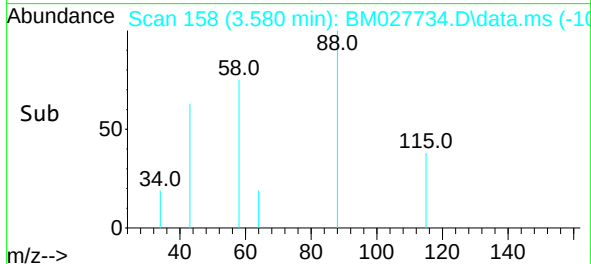
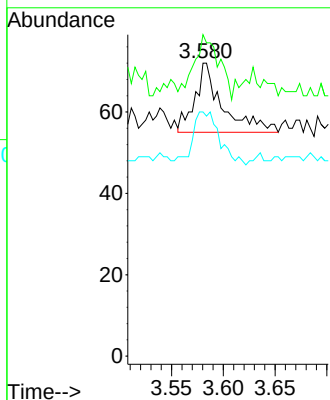
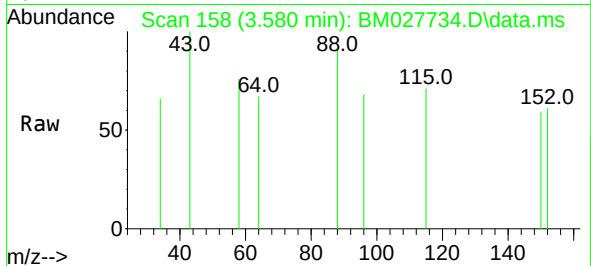




#2
1,4-Dioxane
Concen: 0.09 ng/ul
RT: 3.580 min Scan# 158
Delta R.T. 0.000 min
Lab File: BM027734.D
Acq: 06 Nov 2020 13:53

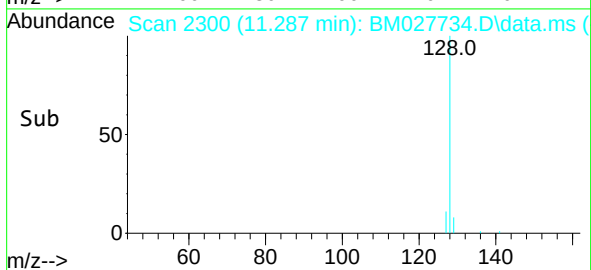
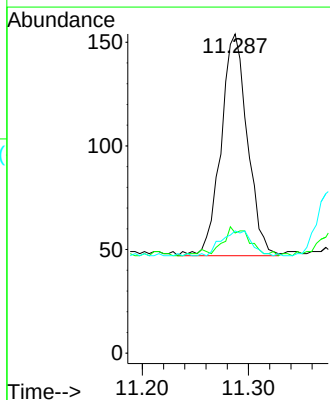
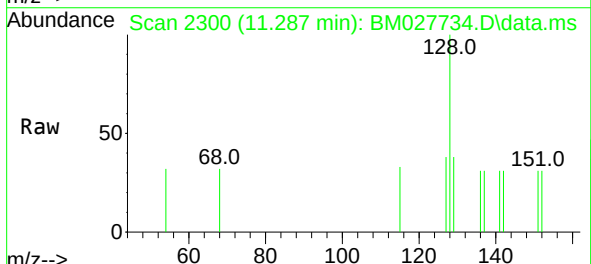
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-04

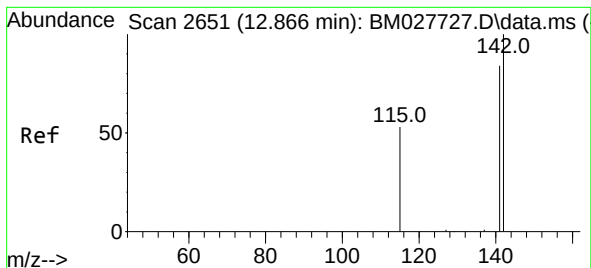
Tgt Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
43 109.7 61.8 92.6#
58 83.3 67.8 101.8



#5
Naphthalene
Concen: 0.06 ng/ul
RT: 11.287 min Scan# 2300
Delta R.T. 0.000 min
Lab File: BM027734.D
Acq: 06 Nov 2020 13:53

Tgt Ion: 128 Resp: 185
Ion Ratio Lower Upper
128 100
129 37.7 11.7 17.5#
127 38.3 14.0 21.0#

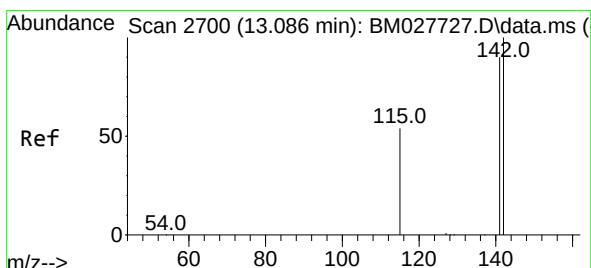
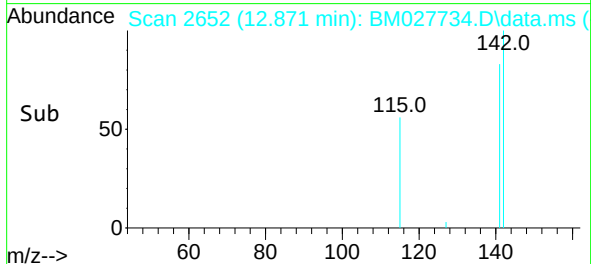
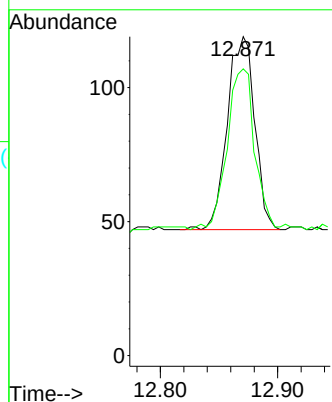
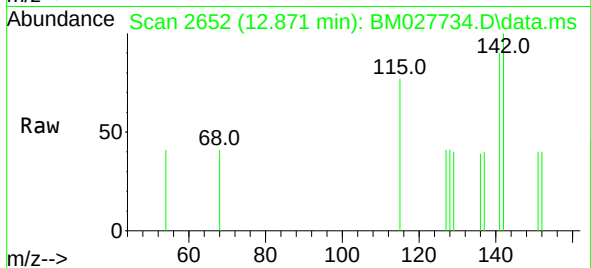




#7
2-Methylnaphthalene
Concen: 0.06 ng/ul
RT: 12.871 min Scan# 2652
Delta R.T. 0.005 min
Lab File: BM027734.D
Acq: 06 Nov 2020 13:53

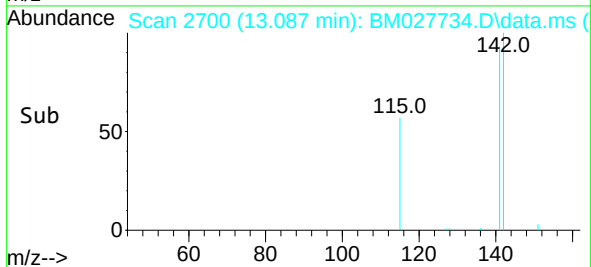
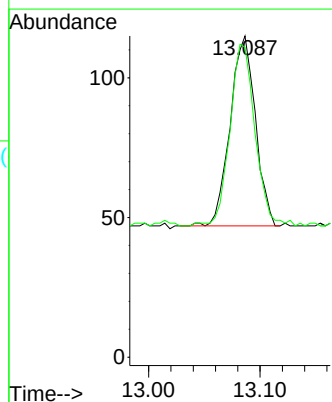
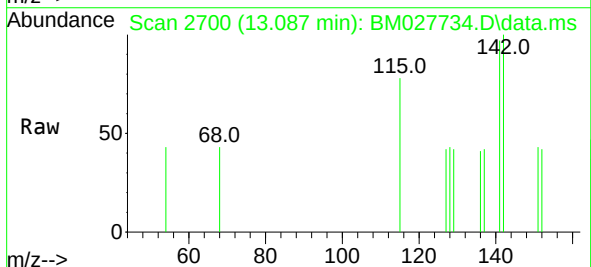
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-04

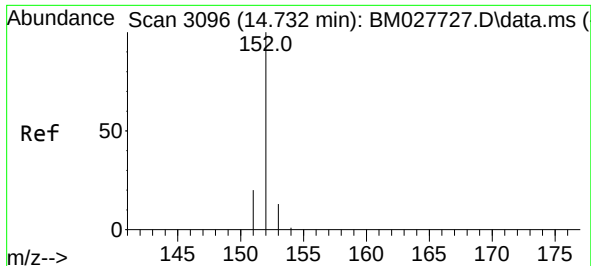
Tgt Ion:142 Resp: 117
Ion Ratio Lower Upper
142 100
141 83.8 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.06 ng/ul
RT: 13.087 min Scan# 2700
Delta R.T. 0.000 min
Lab File: BM027734.D
Acq: 06 Nov 2020 13:53

Tgt Ion:142 Resp: 107
Ion Ratio Lower Upper
142 100
141 96.3 74.1 111.1

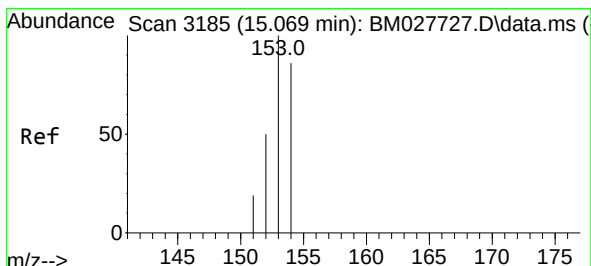
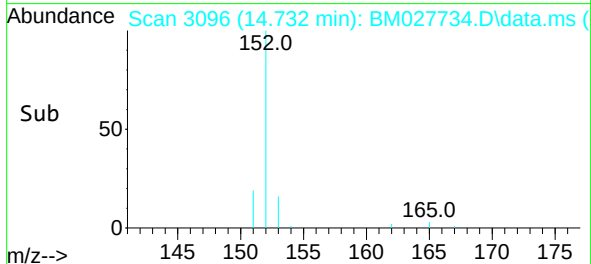
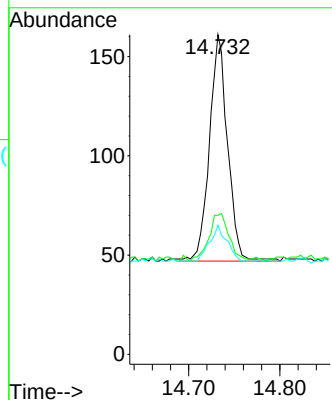
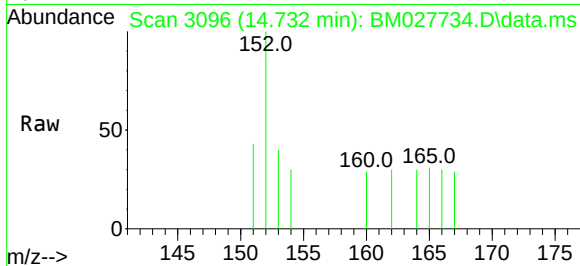




#10
Acenaphthylene
Concen: 0.05 ng/ul
RT: 14.732 min Scan# 3096
Delta R.T. 0.000 min
Lab File: BM027734.D
Acq: 06 Nov 2020 13:53

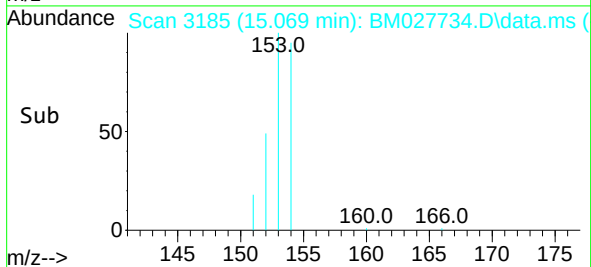
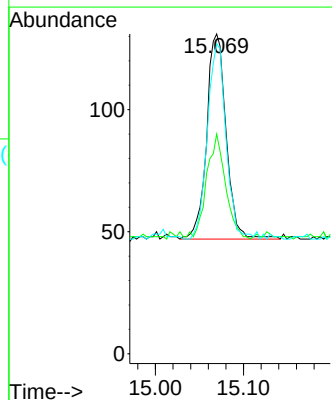
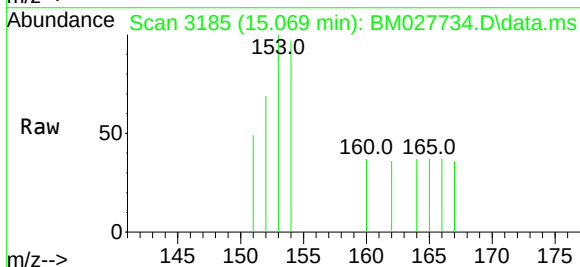
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-04

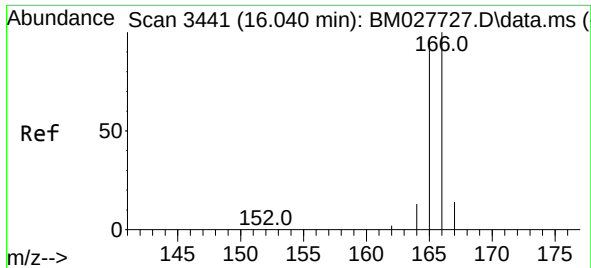
Tgt Ion:	152	Resp:	157
Ion Ratio	Lower	Upper	
152	100		
151	43.5	17.8	26.8#
153	40.4	13.5	20.3#



#11
Acenaphthene
Concen: 0.06 ng/ul
RT: 15.069 min Scan# 3185
Delta R.T. 0.000 min
Lab File: BM027734.D
Acq: 06 Nov 2020 13:53

Tgt Ion:	153	Resp:	129
Ion Ratio	Lower	Upper	
153	100		
152	68.7	40.6	60.8#
154	96.9	71.0	106.4

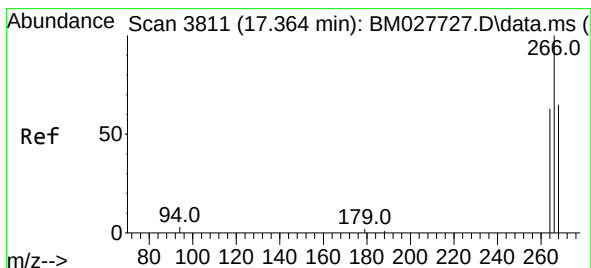
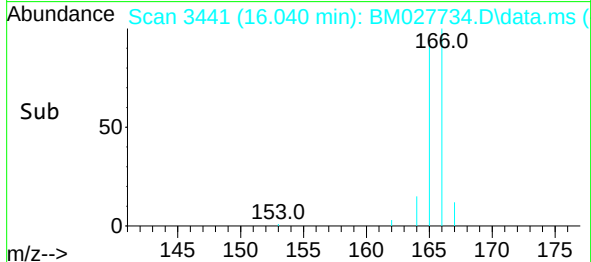
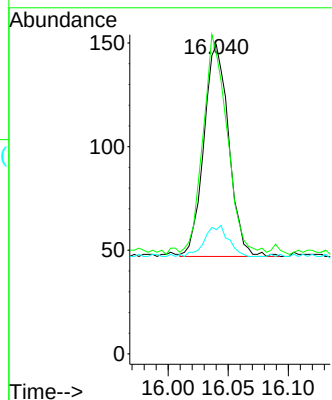
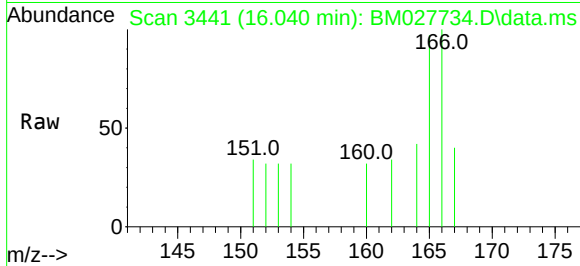




#12
Fluorene
Concen: 0.06 ng/ul
RT: 16.040 min Scan# 3441
Delta R.T. 0.000 min
Lab File: BM027734.D
Acq: 06 Nov 2020 13:53

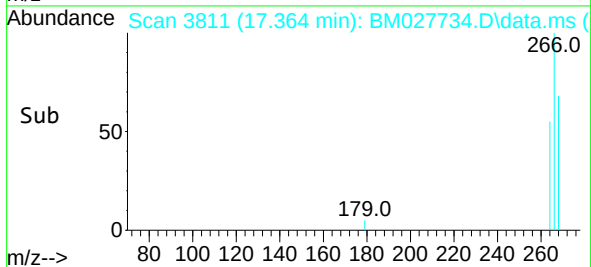
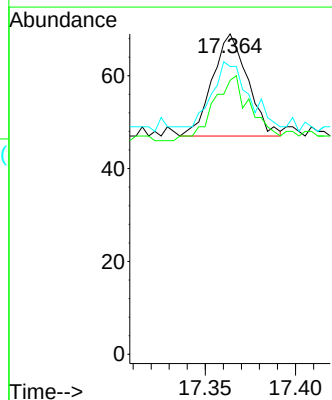
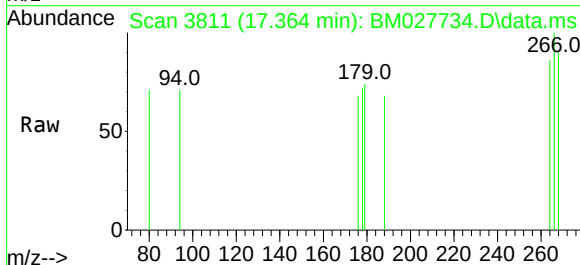
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-04

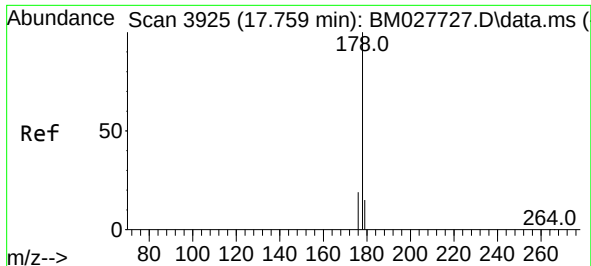
Tgt Ion:166 Resp: 147
Ion Ratio Lower Upper
166 100
165 97.3 76.2 114.4
167 40.3 13.7 20.5#



#14
Pentachlorophenol
Concen: 0.06 ng/ul
RT: 17.364 min Scan# 3811
Delta R.T. 0.000 min
Lab File: BM027734.D
Acq: 06 Nov 2020 13:53

Tgt Ion:266 Resp: 30
Ion Ratio Lower Upper
266 100
264 66.7 48.2 72.4
268 66.7 53.4 80.0

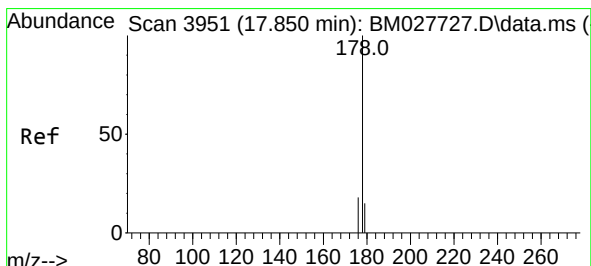
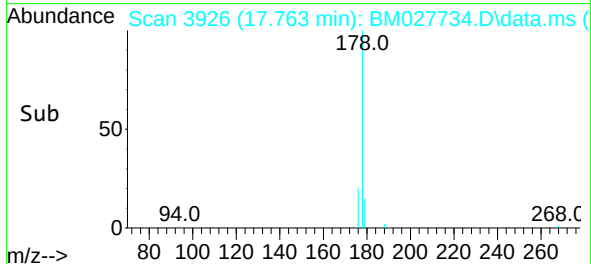
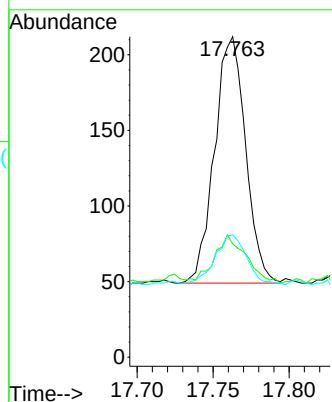
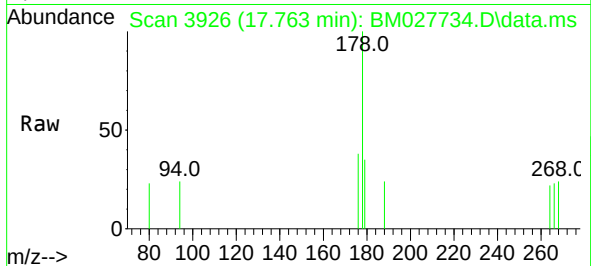




#15
Phenanthrene
Concen: 0.06 ng/ul
RT: 17.763 min Scan# 3926
Delta R.T. 0.003 min
Lab File: BM027734.D
Acq: 06 Nov 2020 13:53

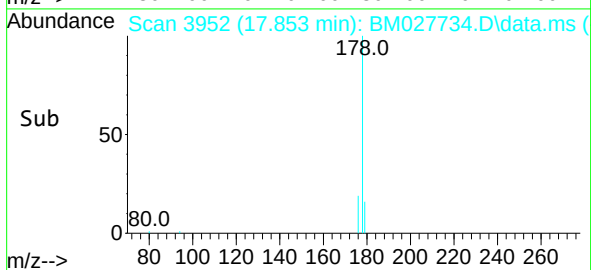
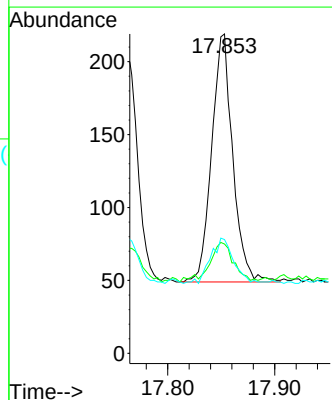
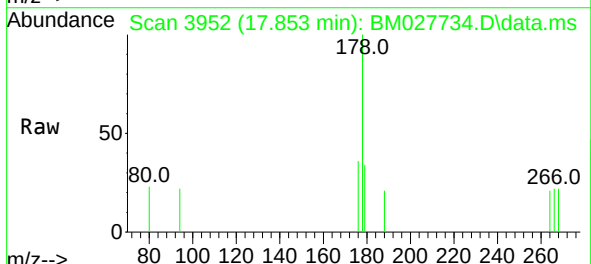
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-04

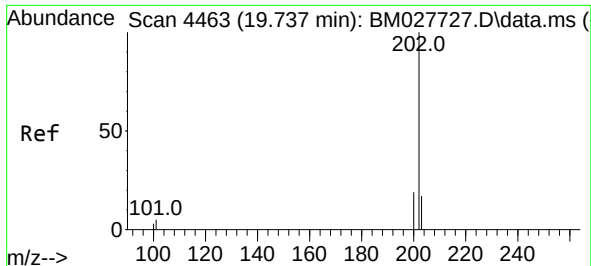
Tgt Ion:	178	Resp:	231
Ion	Ratio	Lower	Upper
178	100		
179	35.4	14.6	22.0#
176	38.2	18.2	27.2#



#16
Anthracene
Concen: 0.06 ng/ul
RT: 17.853 min Scan# 3952
Delta R.T. 0.003 min
Lab File: BM027734.D
Acq: 06 Nov 2020 13:53

Tgt Ion:	178	Resp:	232
Ion	Ratio	Lower	Upper
178	100		
179	34.2	14.1	21.1#
176	35.6	16.3	24.5#

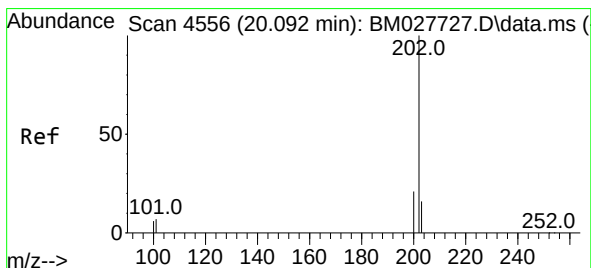
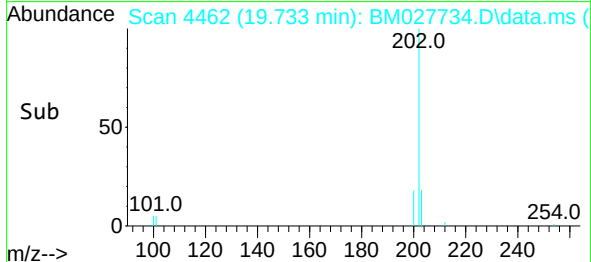
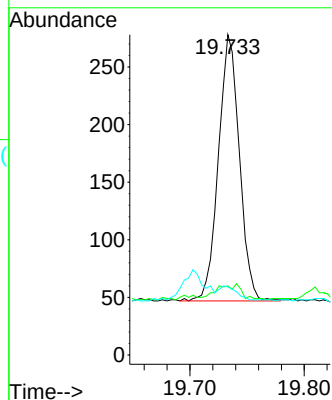
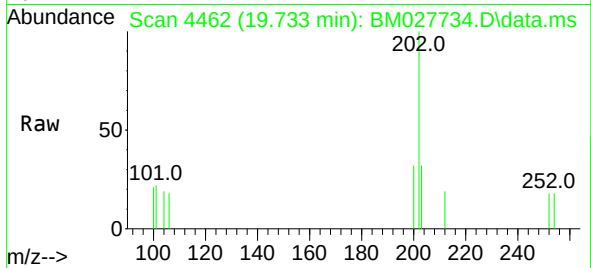




#18
Fluoranthene
Concen: 0.06 ng/ul
RT: 19.733 min Scan# 4462
Delta R.T. -0.004 min
Lab File: BM027734.D
Acq: 06 Nov 2020 13:53

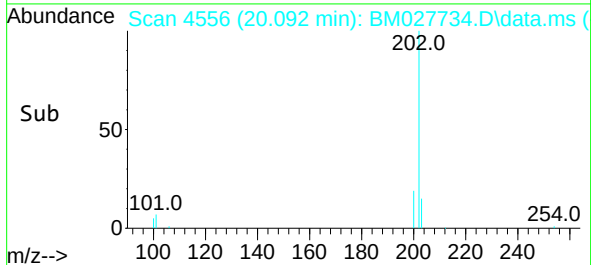
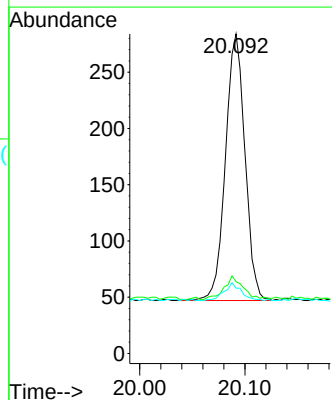
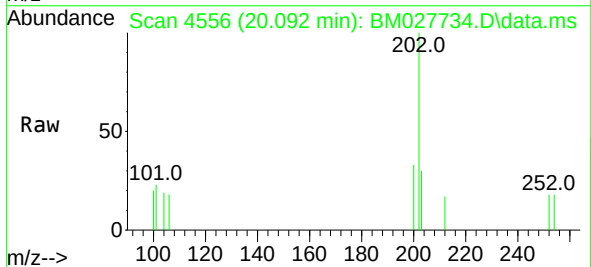
Instrument :
BNA_M
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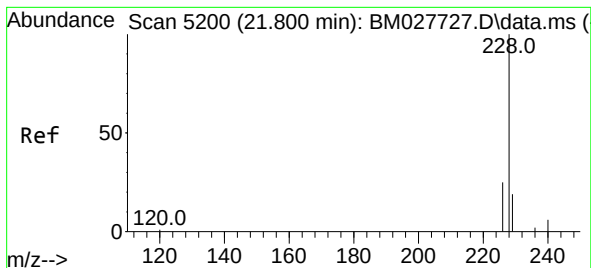
Tgt Ion:202	Resp:	294
Ion Ratio	Lower	Upper
202	100	
101	21.6	6.1 9.1#
100	21.2	5.8 8.6#



#20
Pyrene
Concen: 0.06 ng/ul
RT: 20.092 min Scan# 4556
Delta R.T. 0.000 min
Lab File: BM027734.D
Acq: 06 Nov 2020 13:53

Tgt Ion:202	Resp:	306
Ion Ratio	Lower	Upper
202	100	
101	22.5	7.4 11.0#
100	20.4	6.6 9.8#

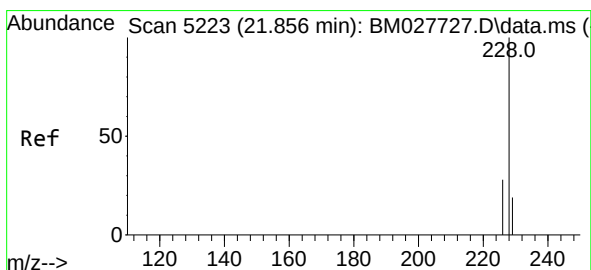
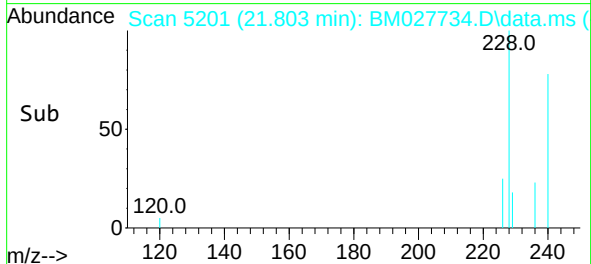
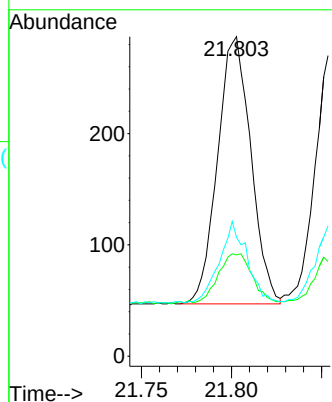
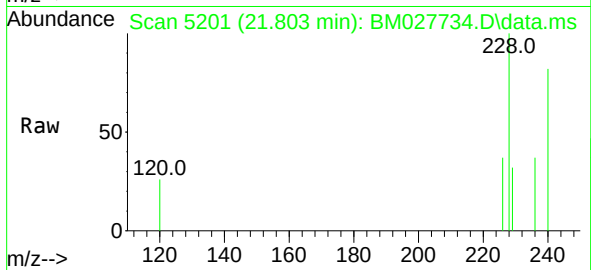




#21
Benzo(a)anthracene
Concen: 0.07 ng/ul
RT: 21.803 min Scan# 5201
Delta R.T. 0.002 min
Lab File: BM027734.D
Acq: 06 Nov 2020 13:53

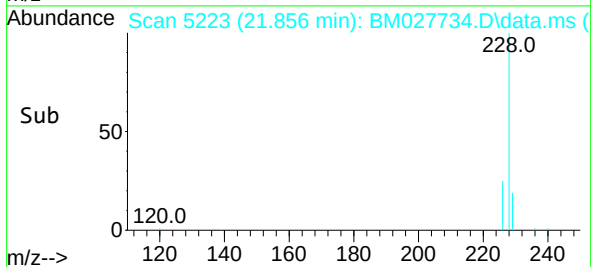
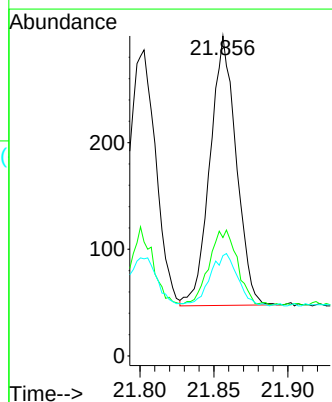
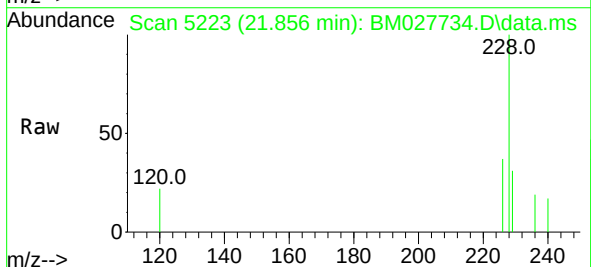
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-04

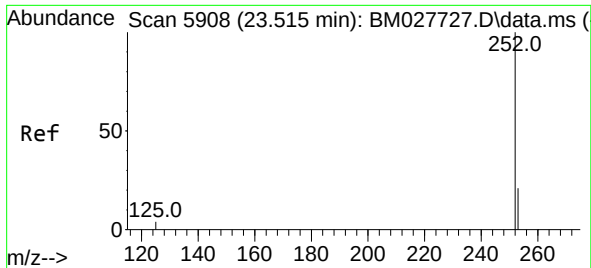
Tgt Ion:228 Resp: 309
Ion Ratio Lower Upper
228 100
229 31.7 17.0 25.4#
226 37.3 22.0 33.0#



#22
Chrysene
Concen: 0.06 ng/ul
RT: 21.856 min Scan# 5223
Delta R.T. 0.000 min
Lab File: BM027734.D
Acq: 06 Nov 2020 13:53

Tgt Ion:228 Resp: 310
Ion Ratio Lower Upper
228 100
226 37.0 24.0 36.0#
229 31.3 16.9 25.3#

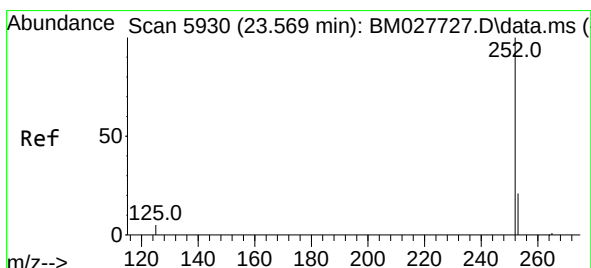
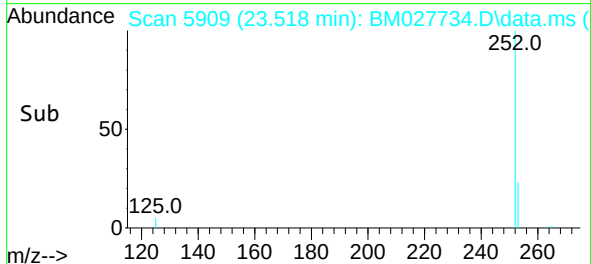
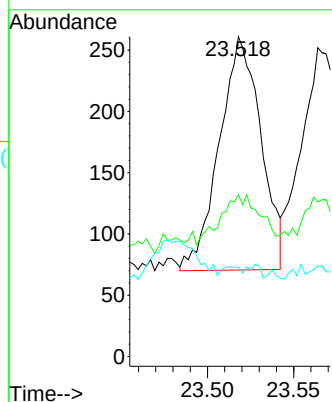
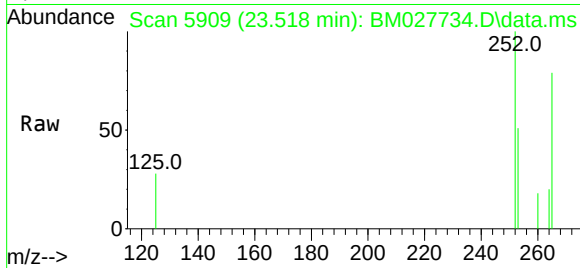




#24
Benzo(b)fluoranthene
Concen: 0.07 ng/ul
RT: 23.518 min Scan# 5909
Delta R.T. 0.002 min
Lab File: BM027734.D
Acq: 06 Nov 2020 13:53

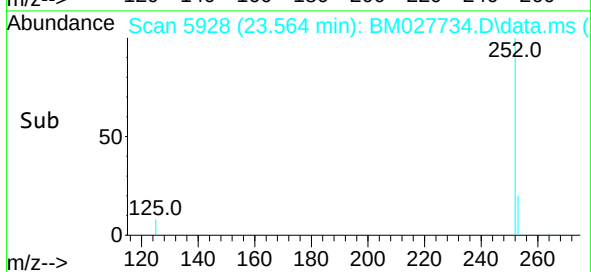
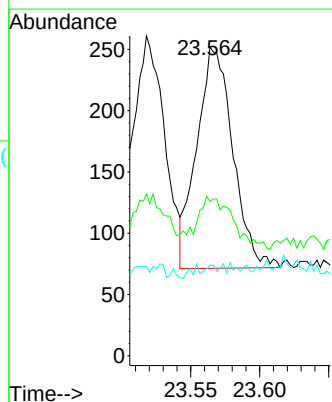
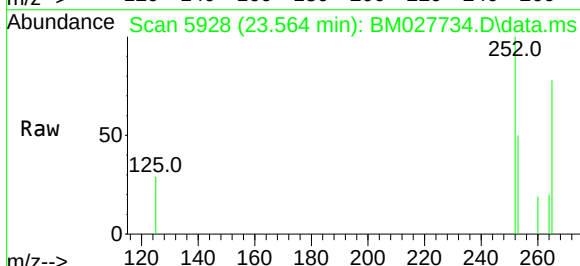
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-04

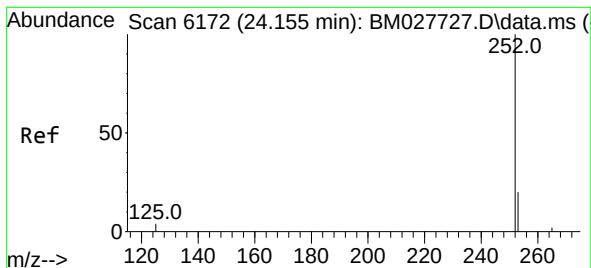
Tgt Ion:252 Resp: 320
Ion Ratio Lower Upper
252 100
253 50.6 0.0 53.0
125 28.0 0.0 17.6#



#25
Benzo(k)fluoranthene
Concen: 0.07 ng/ul
RT: 23.564 min Scan# 5928
Delta R.T. -0.005 min
Lab File: BM027734.D
Acq: 06 Nov 2020 13:53

Tgt Ion:252 Resp: 328
Ion Ratio Lower Upper
252 100
253 50.0 21.4 32.2#
125 29.4 7.4 11.0#

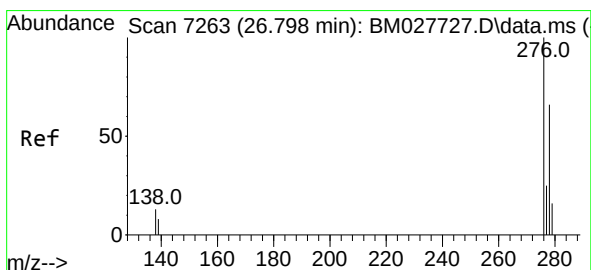
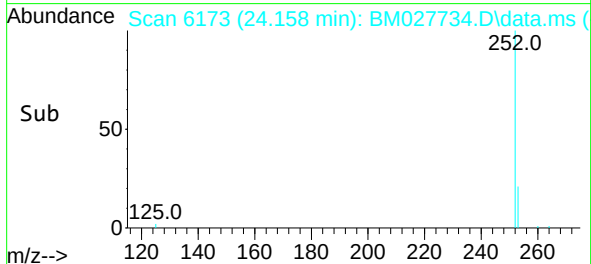
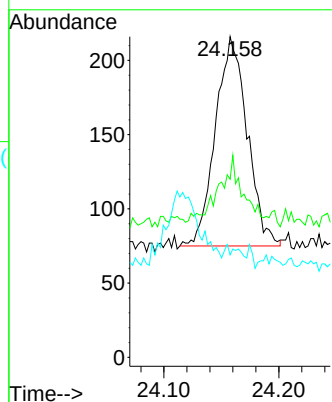
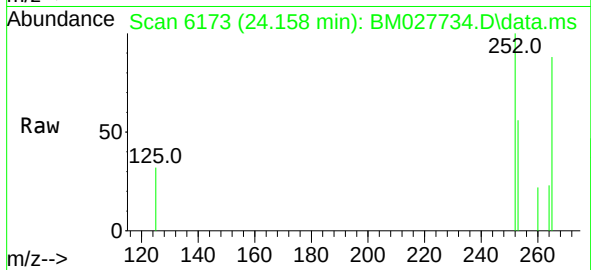




#26
Benzo(a)pyrene
Concen: 0.06 ng/u1
RT: 24.158 min Scan# 6173
Delta R.T. 0.002 min
Lab File: BM027734.D
Acq: 06 Nov 2020 13:53

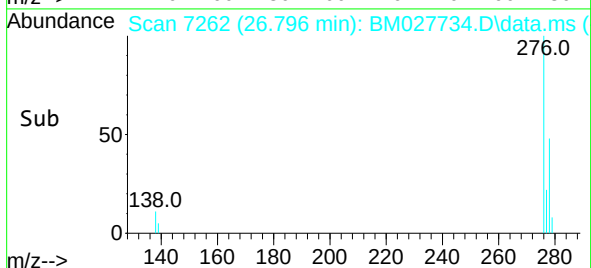
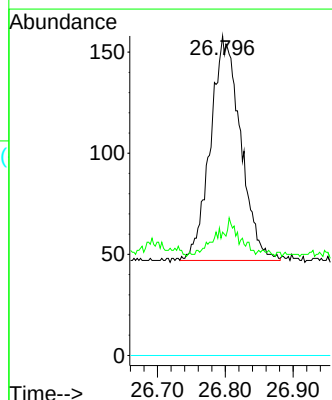
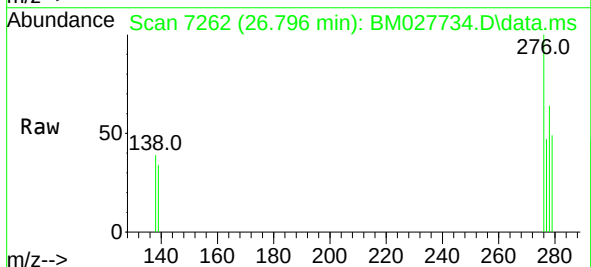
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-04

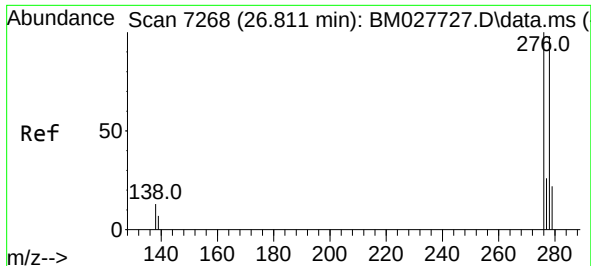
Tgt Ion:252 Resp: 271
Ion Ratio Lower Upper
252 100
253 55.6 22.3 33.5#
125 31.9 8.8 13.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.07 ng/u1
RT: 26.796 min Scan# 7262
Delta R.T. -0.002 min
Lab File: BM027734.D
Acq: 06 Nov 2020 13:53

Tgt Ion:276 Resp: 343
Ion Ratio Lower Upper
276 100
138 5.5 11.0 16.6#
227 0.0 0.0 0.0

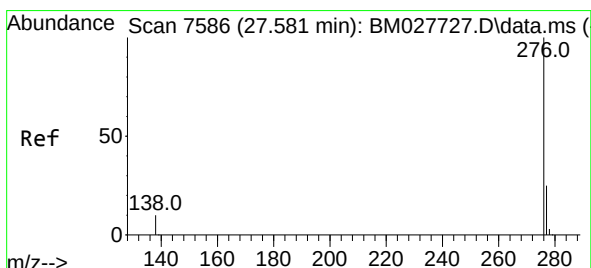
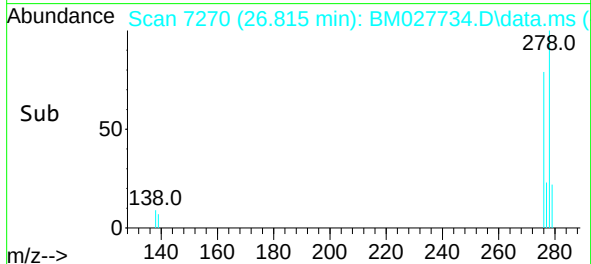
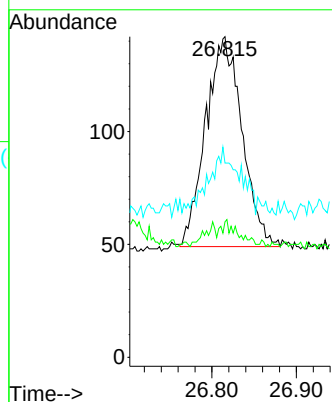
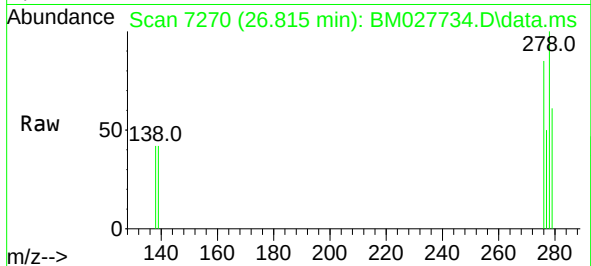




#28
Dibenzo(a,h)anthracene
Concen: 0.07 ng/ul
RT: 26.815 min Scan# 7270
Delta R.T. 0.005 min
Lab File: BM027734.D
Acq: 06 Nov 2020 13:53

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-04

Tgt Ion:278 Resp: 278
Ion Ratio Lower Upper
278 100
139 42.3 12.6 18.8#
279 60.6 24.3 36.5#



#29
Benzo(g,h,i)perylene
Concen: 0.07 ng/ul
RT: 27.586 min Scan# 7588
Delta R.T. 0.005 min
Lab File: BM027734.D
Acq: 06 Nov 2020 13:53

Tgt Ion:276 Resp: 294
Ion Ratio Lower Upper
276 100
138 41.4 15.0 22.4#
277 49.3 24.2 36.2#

