

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060420\
 Data File : BN010769.D
 Acq On : 04 Jun 2020 19:13
 Operator : CG/JU
 Sample : L1955-08
 Misc : MDL-W-01
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-01

Manual Integrations
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mohammad
 6/5/2020 10:31:10 AM

Quant Time: Jun 05 02:24:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN060320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 12:51:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2079	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	6714	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	3482	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	6671	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	5455	0.40	ng/ul	0.00
20) Perylene-d12	23.30	264	5180	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	2864	0.18	ng/ul	0.01
14) Fluoranthene-d10	18.98	212	5582	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	1179	0.060	ng/ul#	84
5) 2-Methylnaphthalene	12.00	142	688	0.055	ng/ul	99
7) Acenaphthylene	13.91	152	885	0.057	ng/ul#	82
8) Acenaphthene	14.26	153	743	0.057	ng/ul	95
9) Fluorene	15.26	166	806	0.056	ng/ul#	94
11) Pentachlorophenol	16.62	266	93	0.060	ng/ul#	88
12) Phenanthrene	16.98	178	1306	0.060	ng/ul#	89
13) Anthracene	17.08	178	963	0.054	ng/ul#	83
15) Fluoranthene	19.01	202	1432	0.059	ng/ul	88
17) Pyrene	19.37	202	1419	0.060	ng/ul#	89
18) Benzo(a)anthracene	21.13	228	1113m	0.057	ng/ul	
19) Chrysene	21.18	228	1481	0.060	ng/ul	94
21) Benzo(b)fluoranthene	22.67	252	1270	0.055	ng/ul#	52
22) Benzo(k)fluoranthene	22.71	252	1540	0.063	ng/ul#	49
23) Benzo(a)pyrene	23.21	252	1172	0.060	ng/ul#	39
24) Indeno(1,2,3-cd)pyrene	25.42	276	1523	0.057	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.45	278	1215	0.056	ng/ul#	55
26) Benzo(g,h,i)perylene	26.06	276	1401	0.057	ng/ul#	83

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

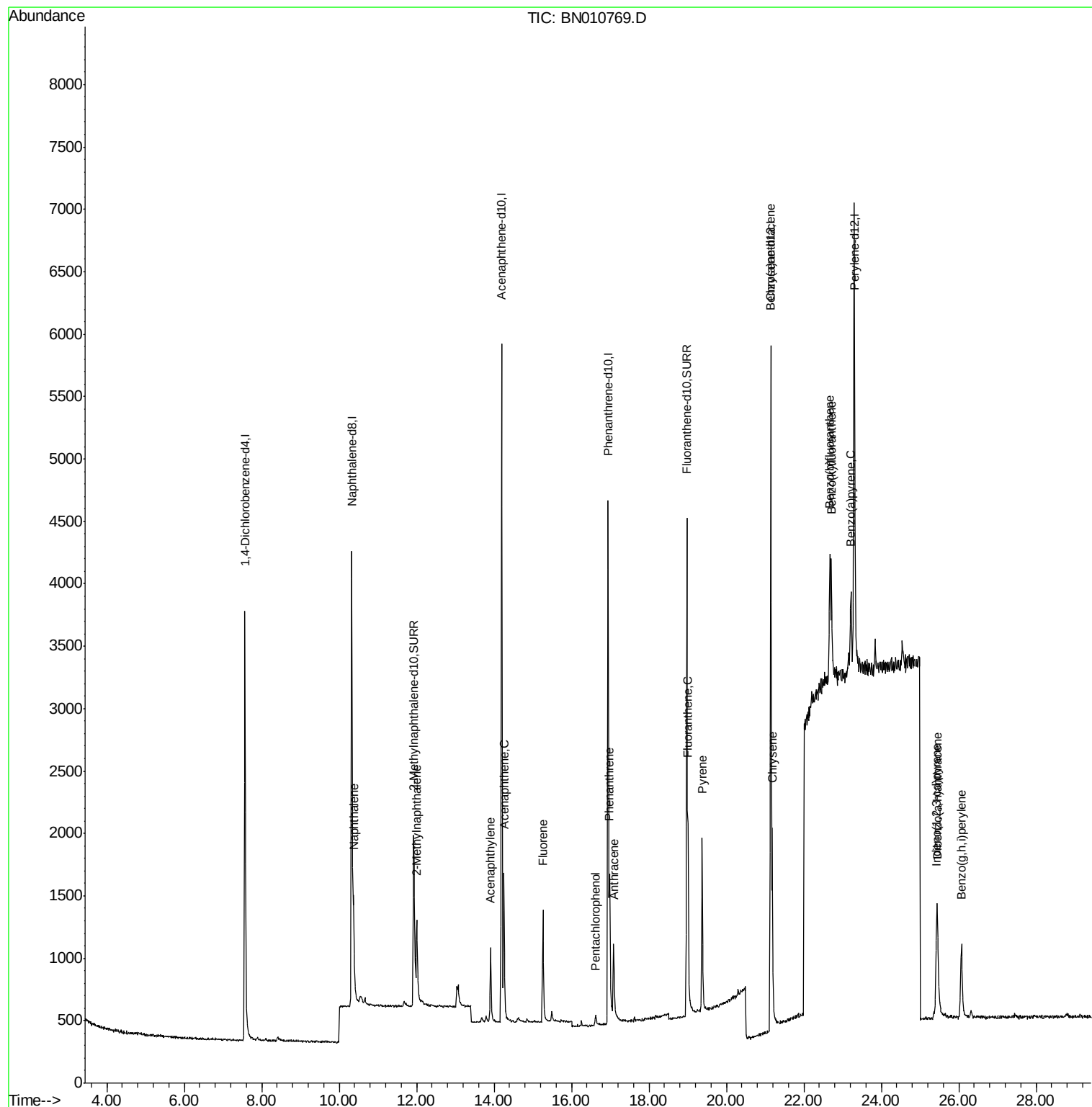
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060420\
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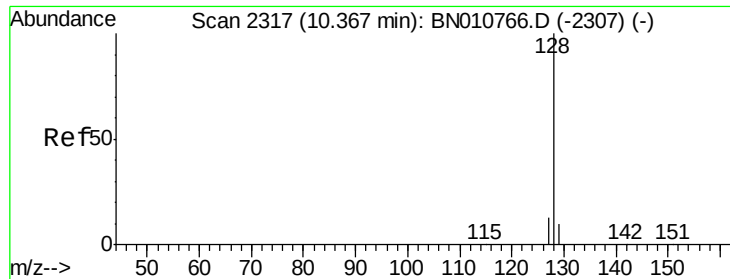
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-01

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Quant Time: Jun 05 02:24:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN060320.M
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QLast Update : Thu Jun 04 12:51:10 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.060 ng/ul

RT: 10.37 min Scan# 2318

Delta R.T. 0.01 min

Lab File: BN010769.D

Acq: 04 Jun 2020 19:13

Instrument :

BNA_N

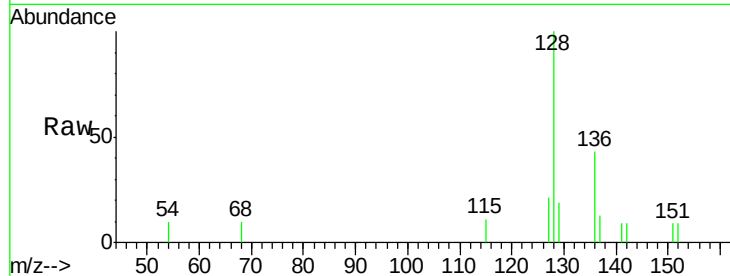
ClientSampleId :

MDL-WATER-01

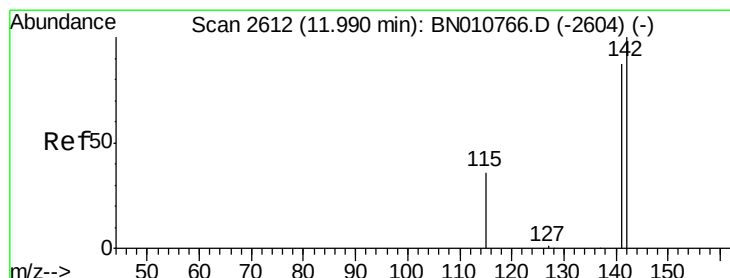
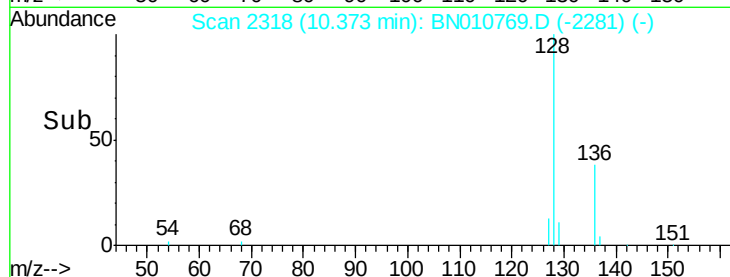
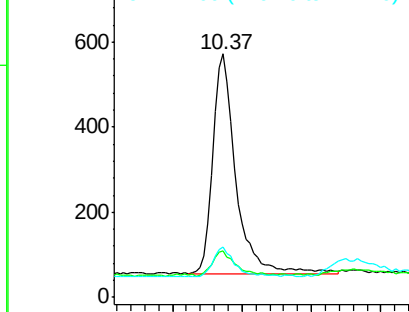
Tot Ion:	128	Resp:	1179
Ion Ratio	Lower	Upper	
128	100		
129	19.1	9.9	14.9#
127	20.6	11.7	17.5#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.055 ng/ul

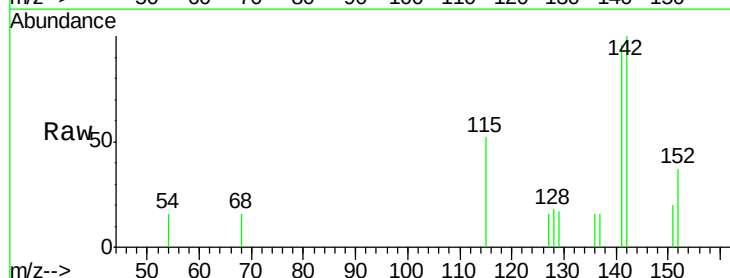
RT: 12.00 min Scan# 2614

Delta R.T. 0.01 min

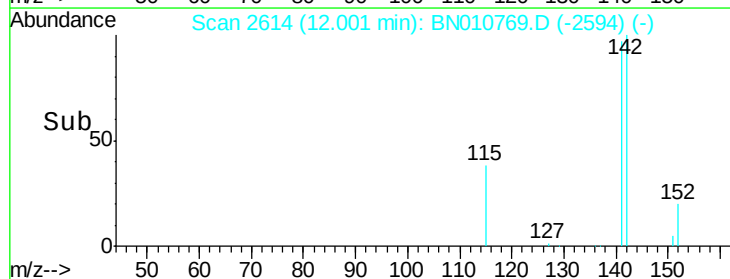
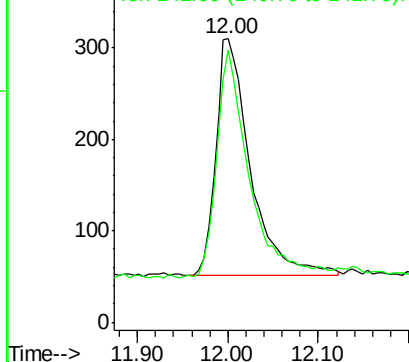
Lab File: BN010769.D

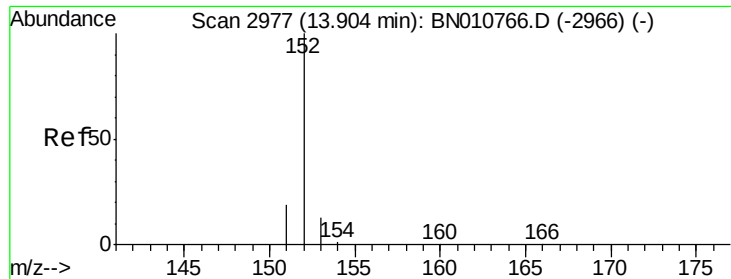
Acq: 04 Jun 2020 19:13

Tgt Ion:	142	Resp:	688
Ion Ratio	Lower	Upper	
142	100		
141	91.1	72.1	108.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.057 ng/ul

RT: 13.91 min Scan# 2978

Delta R.T. 0.00 min

Lab File: BN010769.D

Acq: 04 Jun 2020 19:13

Instrument :

BNA_N

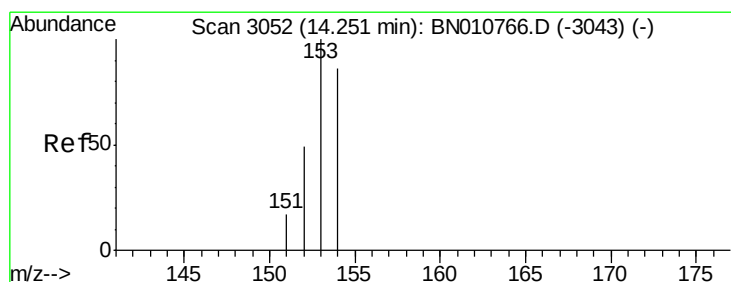
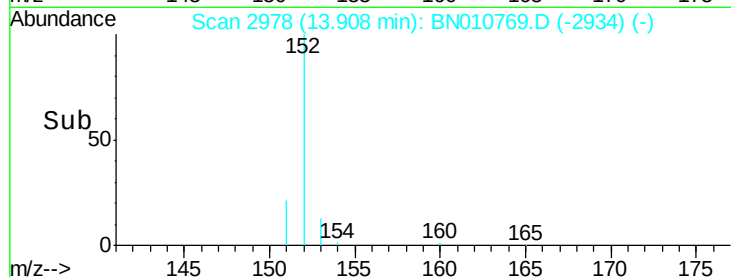
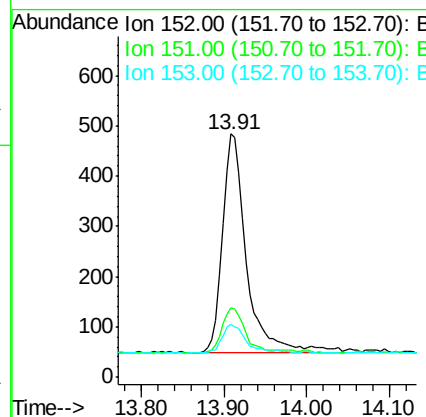
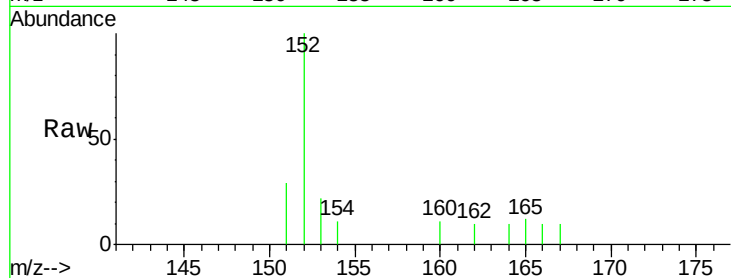
ClientSampleId :

MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
152	100		
151	28.7	16.3	24.5#
153	21.9	11.4	17.2#

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#8

Acenaphthene

Concen: 0.057 ng/ul

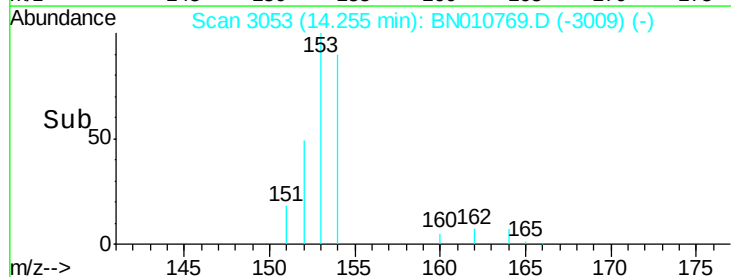
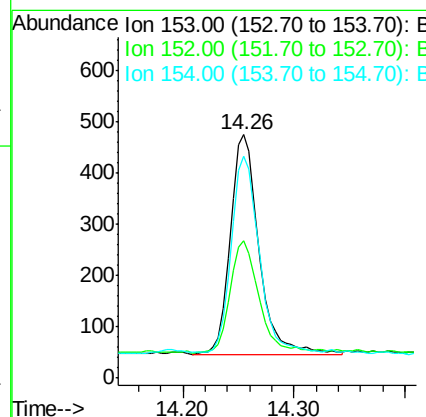
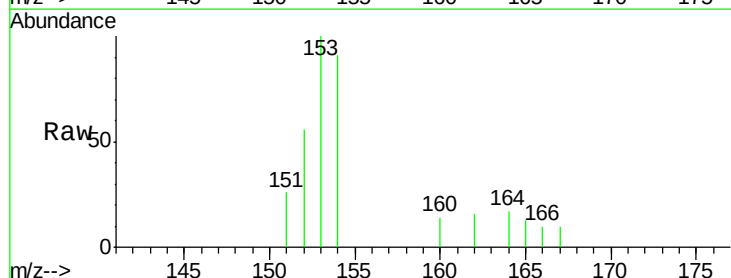
RT: 14.26 min Scan# 3053

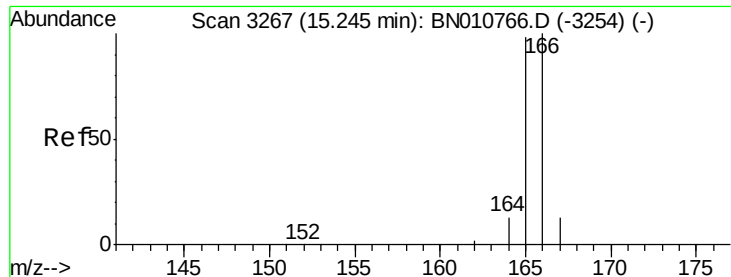
Delta R.T. 0.00 min

Lab File: BN010769.D

Acq: 04 Jun 2020 19:13

Tgt Ion	Ratio	Lower	Upper
153	100		
152	56.3	40.1	60.1
154	91.2	70.6	106.0





#9

Fluorene

Concen: 0.056 ng/ul

RT: 15.26 min Scan# 3270

Delta R.T. 0.01 min

Lab File: BN010769.D

Acq: 04 Jun 2020 19:13

Instrument :

BNA_N

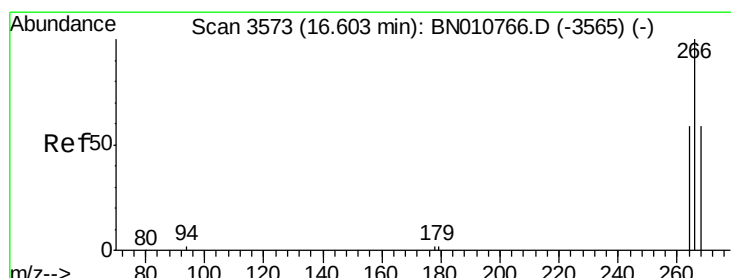
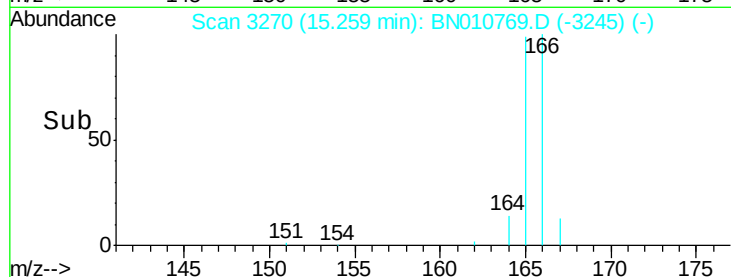
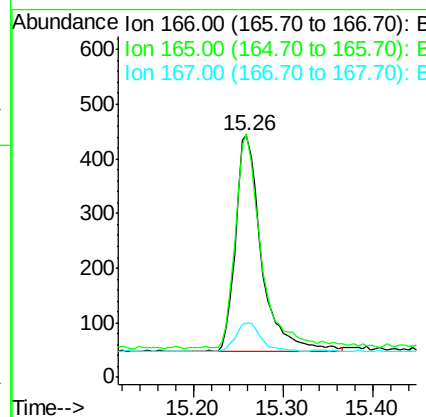
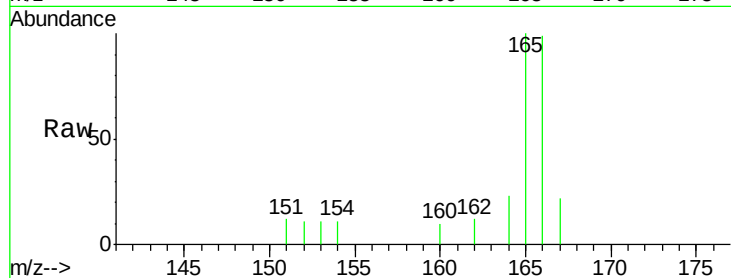
ClientSampleId :

MDL-WATER-01

Tot Ion:	166	Resp:	806
Ion Ratio	Lower	Upper	
166	100		
165	100.7	77.3	115.9
167	22.6	12.1	18.1

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#11

Pentachlorophenol

Concen: 0.060 ng/ul

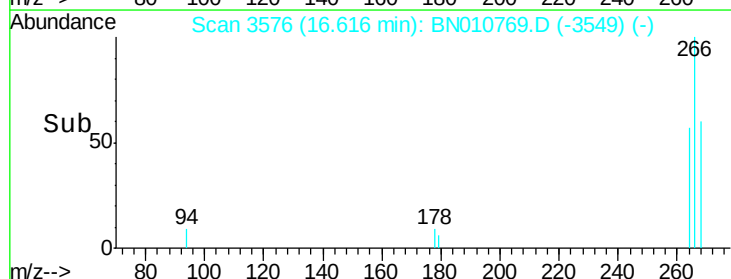
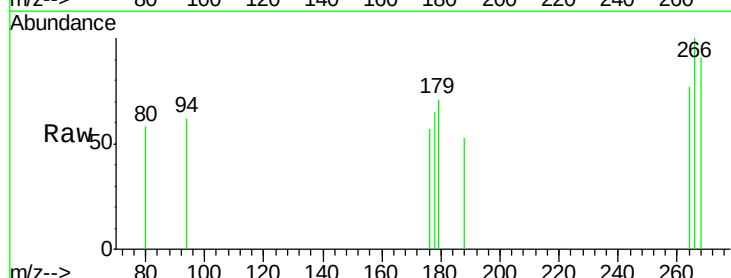
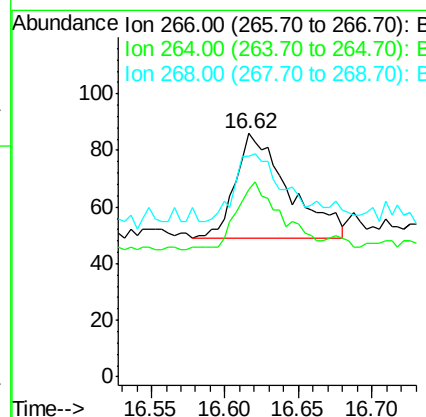
RT: 16.62 min Scan# 3576

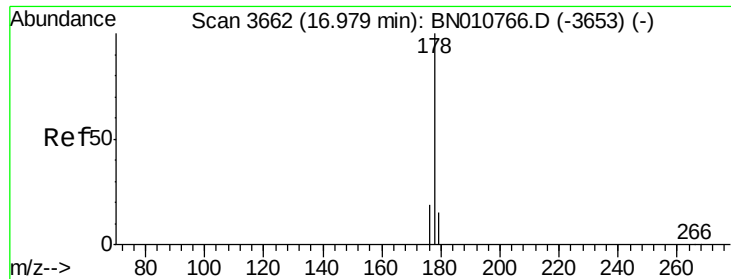
Delta R.T. 0.01 min

Lab File: BN010769.D

Acq: 04 Jun 2020 19:13

Tgt Ion:	266	Resp:	93
Ion Ratio	Lower	Upper	
266	100		
264	49.5	50.3	75.5
268	74.2	54.8	82.2





#12

Phenanthrene

Concen: 0.060 ng/ul

RT: 16.98 min Scan# 3663

Delta R.T. 0.00 min

Lab File: BN010769.D

Acq: 04 Jun 2020 19:13

Instrument :

BNA_N

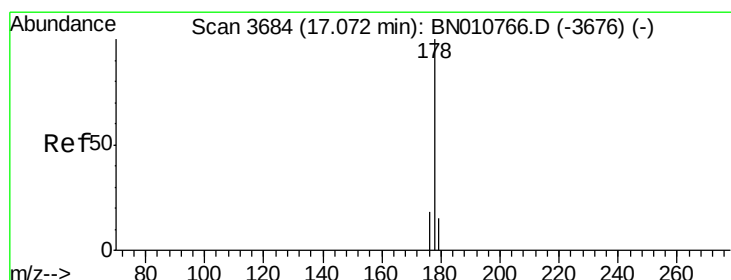
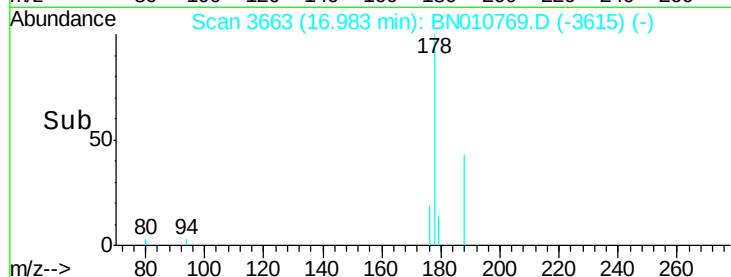
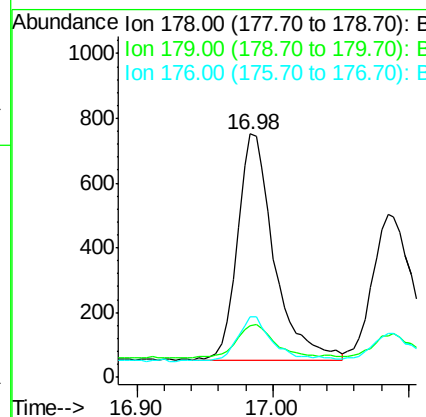
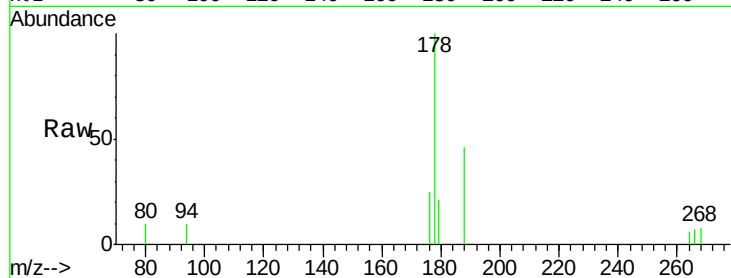
ClientSampleId :

MDL-WATER-01

Tot Ion:178	Resp:	1306
Ion Ratio	Lower	Upper
178	100	
179	21.1	13.0 19.6#
176	24.9	15.8 23.8#

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#13

Anthracene

Concen: 0.054 ng/ul

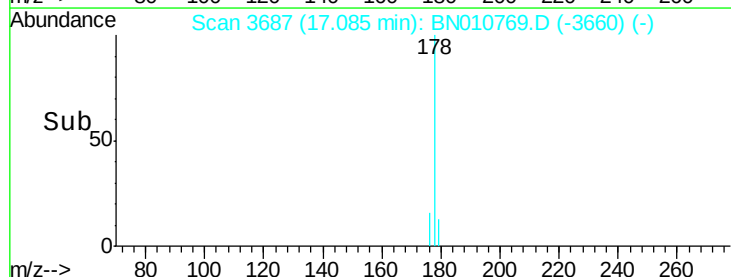
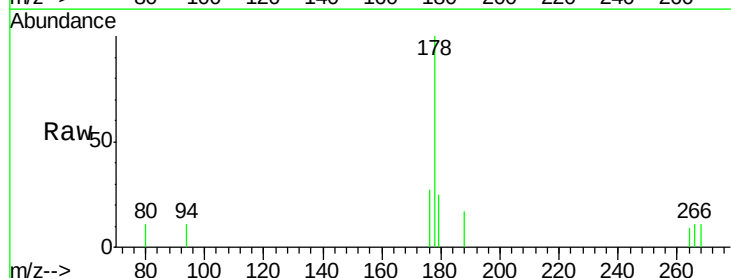
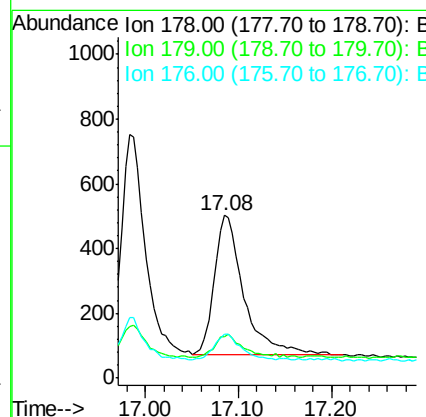
RT: 17.08 min Scan# 3687

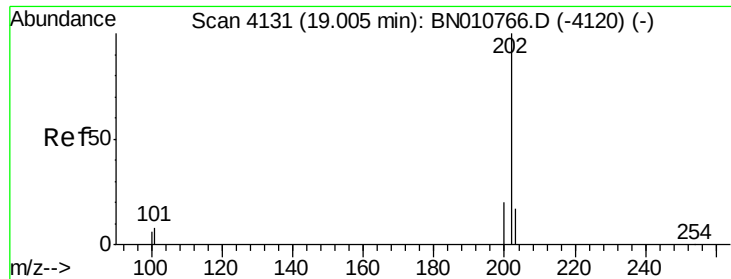
Delta R.T. 0.01 min

Lab File: BN010769.D

Acq: 04 Jun 2020 19:13

Tgt Ion:178	Resp:	963
Ion Ratio	Lower	Upper
178	100	
179	25.1	13.6 20.4#
176	26.7	15.5 23.3#





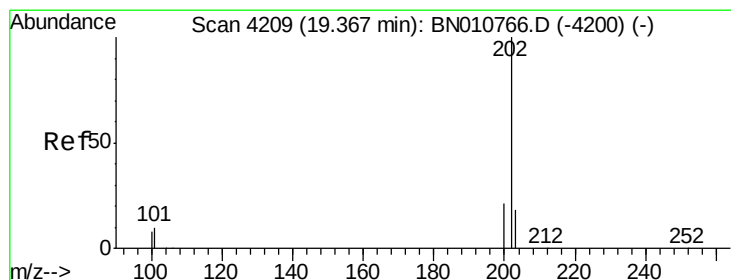
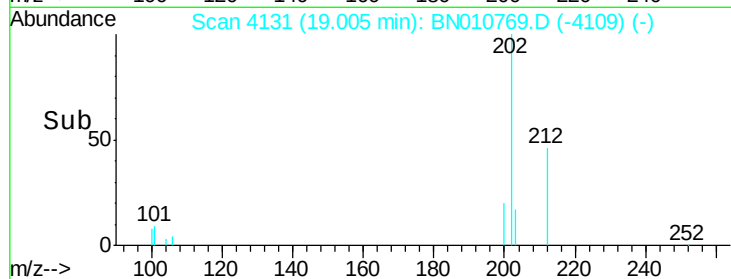
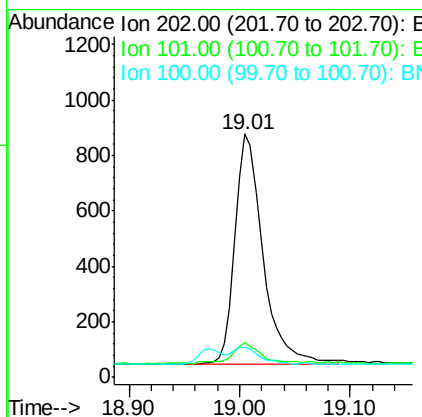
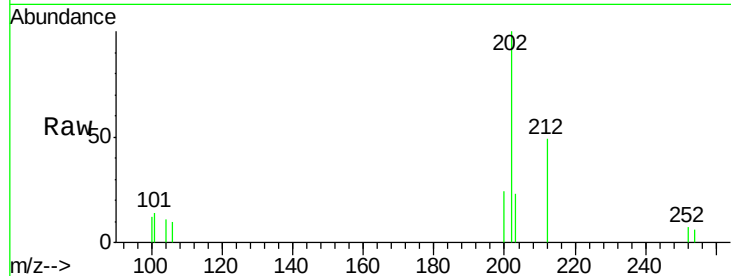
#15
Fluoranthene
 Concen: 0.059 ng/ul
 RT: 19.01 min Scan# 4131
 Delta R.T. 0.00 min
 Lab File: BN010769.D
 Acq: 04 Jun 2020 19:13

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-01

Tot Ion:	202	Resp:	1432
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	29.8
100	12.4	0.0	28.0

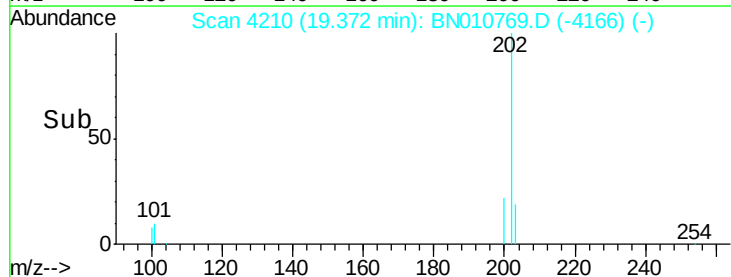
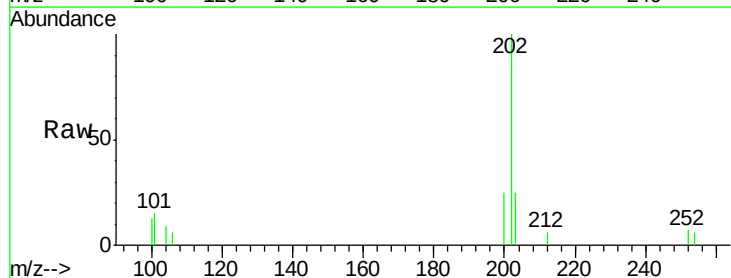
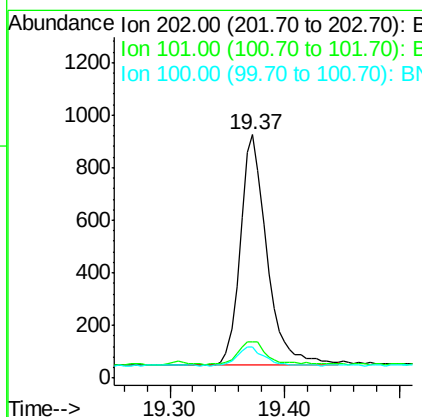
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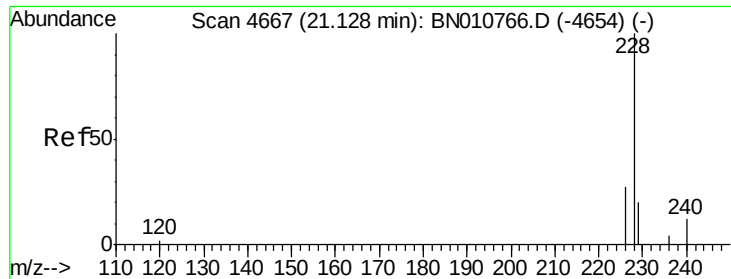
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#17
Pyrene
 Concen: 0.060 ng/ul
 RT: 19.37 min Scan# 4210
 Delta R.T. 0.01 min
 Lab File: BN010769.D
 Acq: 04 Jun 2020 19:13

Tgt Ion:	202	Resp:	1419
Ion Ratio	Lower	Upper	
202	100		
101	15.1	8.6	12.8#
100	12.6	7.1	10.7#





#18

Benzo(a)anthracene

Concen: 0.057 ng/ul m

RT: 21.13 min Scan# 4669

Delta R.T. 0.00 min

Lab File: BN010769.D

Acq: 04 Jun 2020 19:13

Instrument :

BNA_N

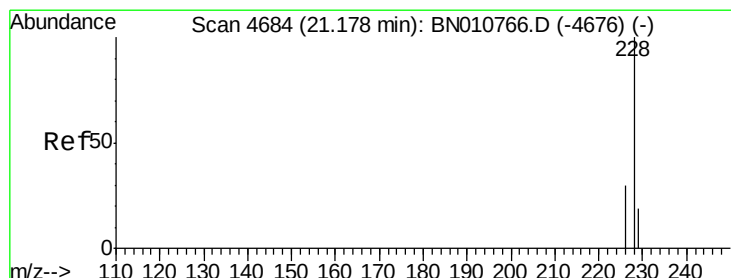
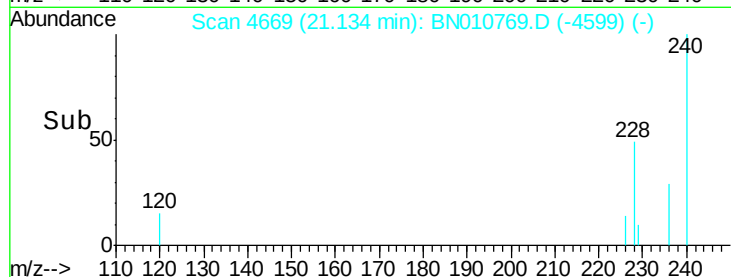
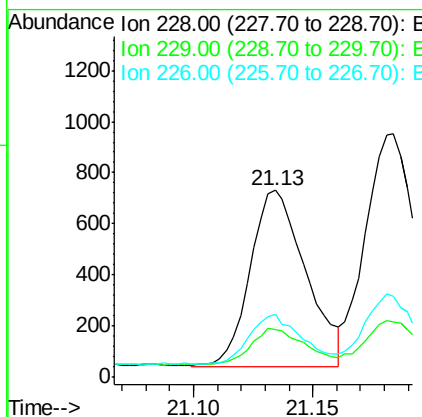
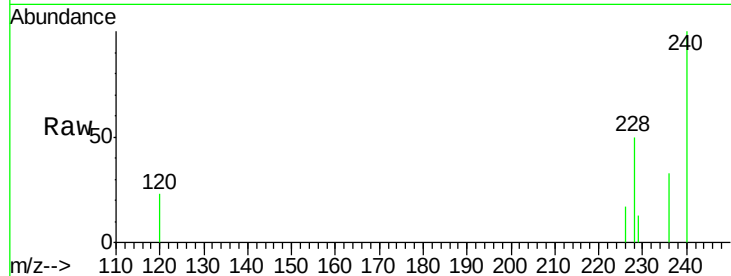
ClientSampleId :

MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
228	100		
229	25.4	16.0	24.0#
226	33.5	22.9	34.3

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#19

Chrysene

Concen: 0.060 ng/ul

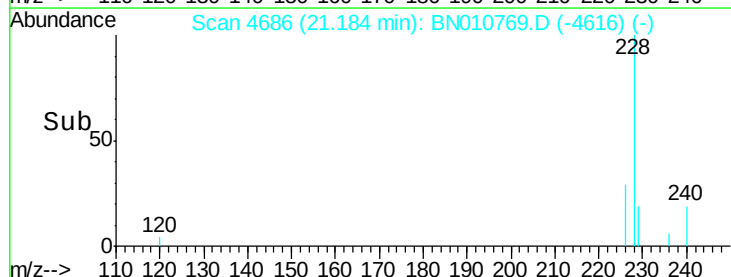
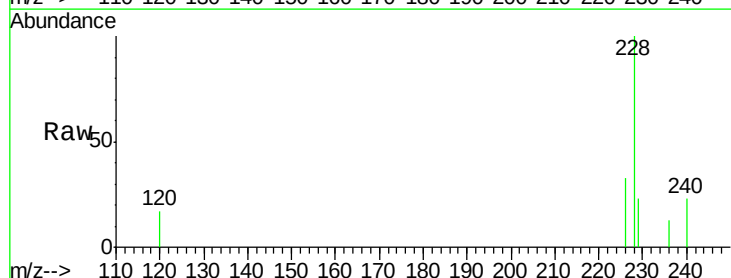
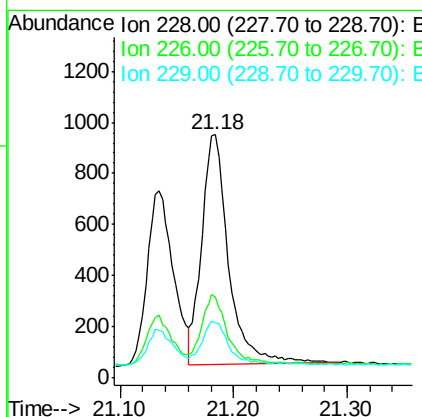
RT: 21.18 min Scan# 4686

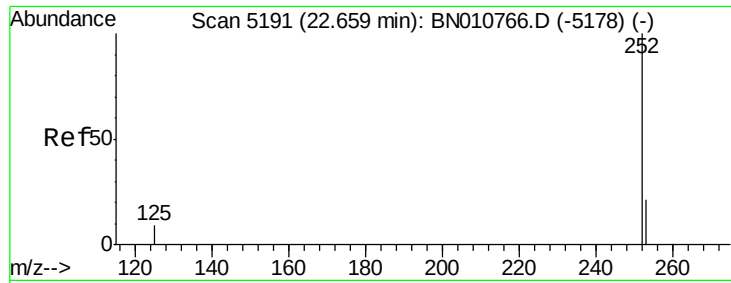
Delta R.T. 0.00 min

Lab File: BN010769.D

Acq: 04 Jun 2020 19:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.2	23.7	35.5
229	23.0	16.2	24.2





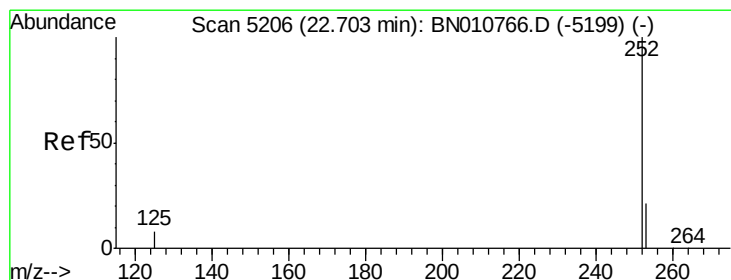
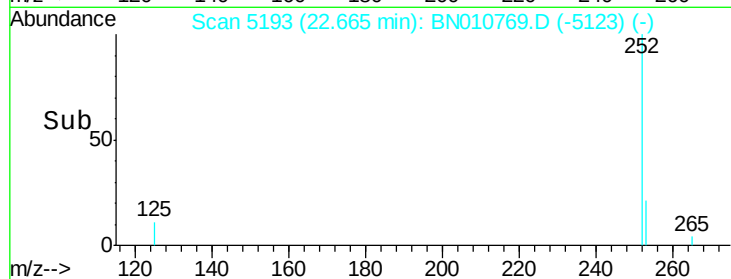
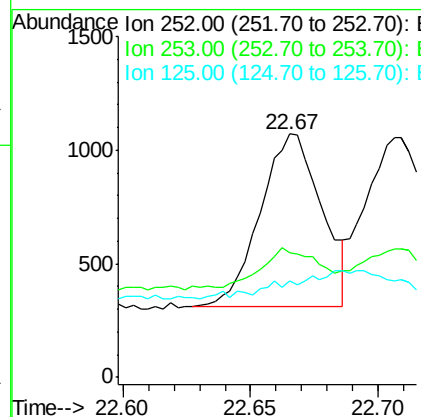
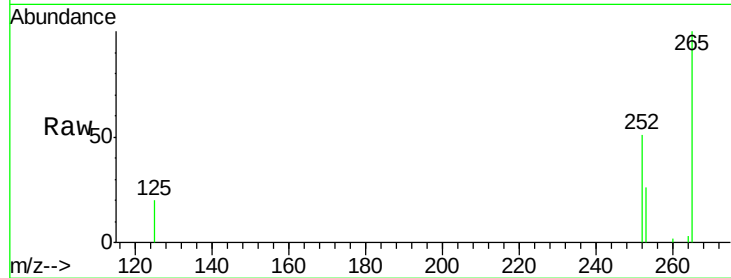
#21
Benzo(b)fluoranthene
Concen: 0.055 ng/ul
RT: 22.67 min Scan# 5193
Delta R.T. 0.00 min
Lab File: BN010769.D
Acq: 04 Jun 2020 19:13

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	50.9	0.0	57.6
125	39.6	0.0	29.4

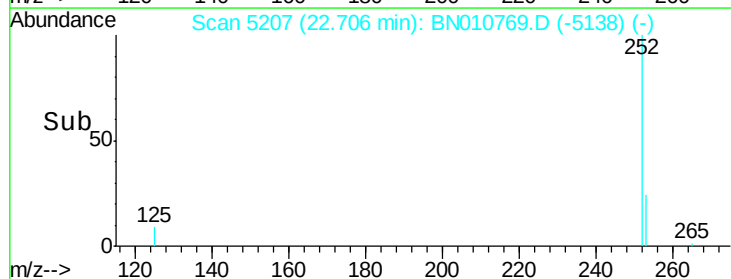
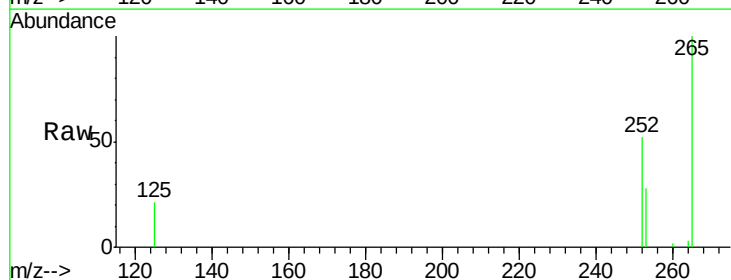
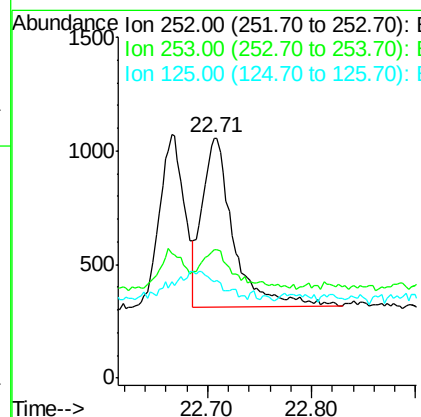
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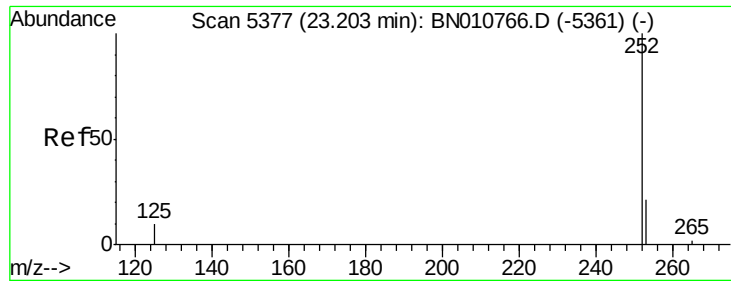
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#22
Benzo(k)fluoranthene
Concen: 0.063 ng/ul
RT: 22.71 min Scan# 5207
Delta R.T. 0.00 min
Lab File: BN010769.D
Acq: 04 Jun 2020 19:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	53.5	22.7	34.1
125	39.9	12.2	18.4





#23

Benzo(a)pyrene

Concen: 0.060 ng/uL

RT: 23.21 min Scan# 5380

Delta R.T. 0.00 min

Lab File: BN010769.D

Acq: 04 Jun 2020 19:13

Instrument :

BNA_N

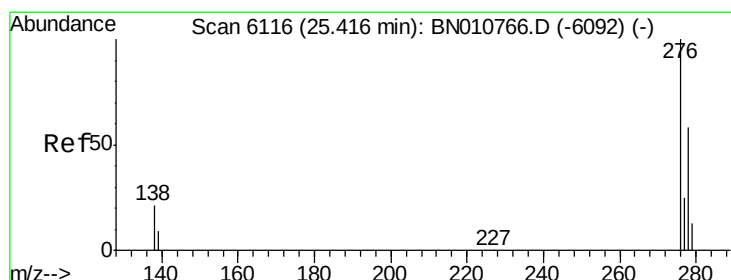
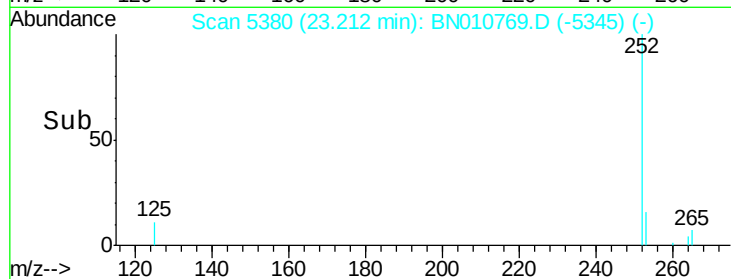
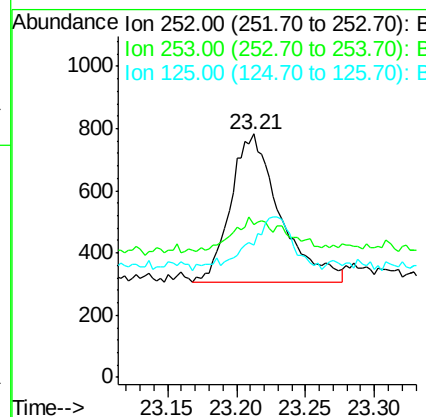
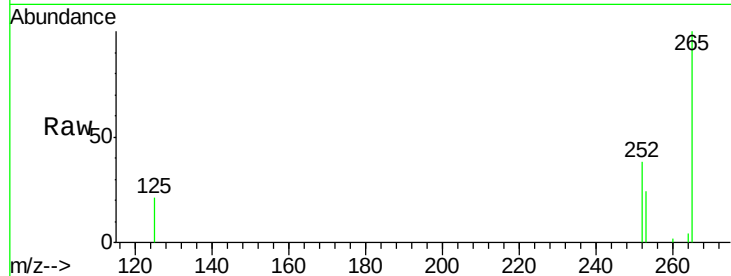
ClientSampleId :

MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	62.6	26.3	39.5#
125	54.5	16.1	24.1#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.057 ng/uL

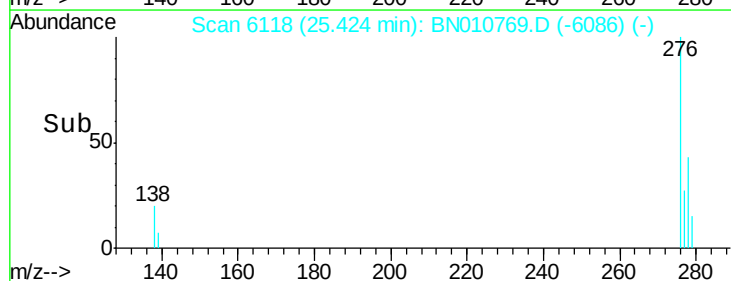
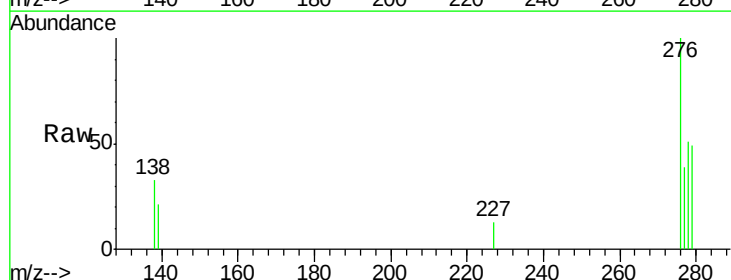
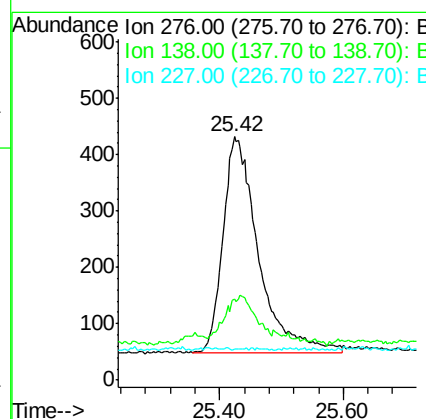
RT: 25.42 min Scan# 6118

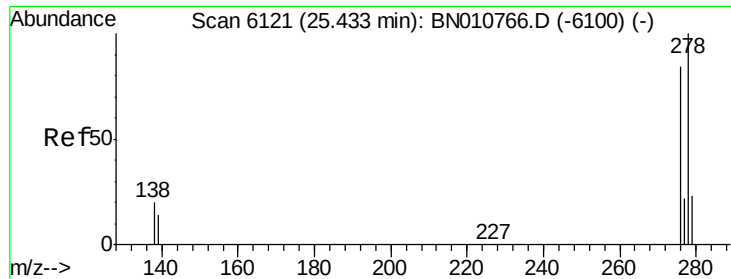
Delta R.T. 0.01 min

Lab File: BN010769.D

Acq: 04 Jun 2020 19:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.4	17.6	26.4
227	0.0	0.1	0.1#





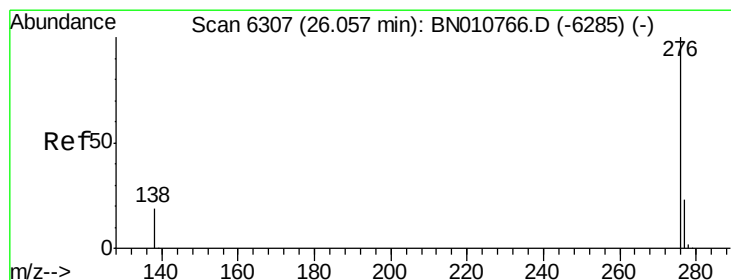
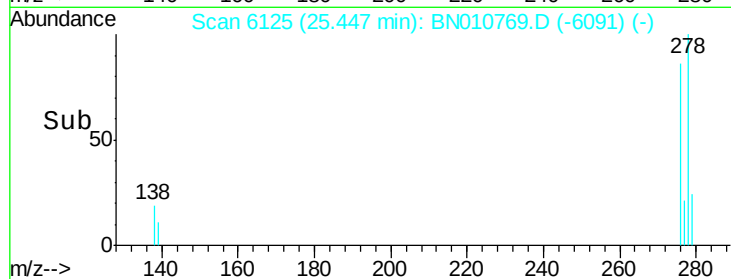
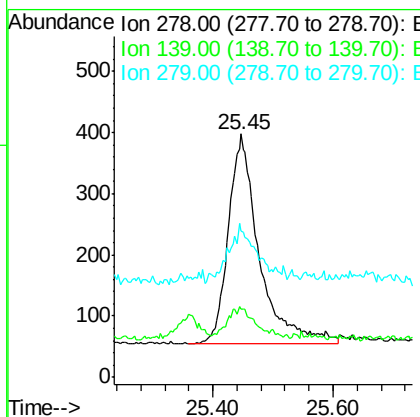
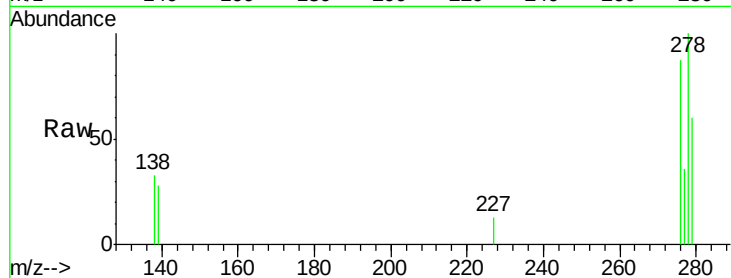
#25
Dibenzo(a,h)anthracene
Concen: 0.056 ng/ul
RT: 25.45 min Scan# 6125
Delta R.T. 0.01 min
Lab File: BN010769.D
Acq: 04 Jun 2020 19:13

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
278	100		
139	28.1	13.7	20.5#
279	60.1	23.9	35.9#

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.057 ng/ul
RT: 26.06 min Scan# 6309
Delta R.T. 0.01 min
Lab File: BN010769.D
Acq: 04 Jun 2020 19:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.9	17.5	26.3#
277	35.3	20.7	31.1#

