

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060420\
 Data File : BN010770.D
 Acq On : 04 Jun 2020 19:49
 Operator : CG/JU
 Sample : L1955-09
 Misc : MDL-W-02
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-02

Manual Integrations
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Quant Time: Jun 05 02:27:47 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 : Fri Jun 05 02:21:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2155	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	7000	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	3707	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	7173	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	5542	0.40	ng/ul	0.00
20) Perylene-d12	23.30	264	5039	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	3165	0.19	ng/ul	0.01
14) Fluoranthene-d10	18.98	212	6262	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	1063	0.051	ng/ul#	84
5) 2-Methylnaphthalene	12.00	142	638	0.049	ng/ul	99
7) Acenaphthylene	13.91	152	805	0.049	ng/ul#	86
8) Acenaphthene	14.26	153	683	0.049	ng/ul	97
9) Fluorene	15.26	166	738	0.048	ng/ul#	96
11) Pentachlorophenol	16.62	266	74	0.044	ng/ul#	85
12) Phenanthrene	16.98	178	1218	0.052	ng/ul#	85
13) Anthracene	17.08	178	876	0.045	ng/ul#	78
15) Fluoranthene	19.00	202	1308	0.050	ng/ul	86
17) Pyrene	19.37	202	1314	0.055	ng/ul#	89
18) Benzo(a)anthracene	21.13	228	989m	0.050	ng/ul	
19) Chrysene	21.18	228	1302	0.052	ng/ul	93
21) Benzo(b)fluoranthene	22.66	252	1127	0.050	ng/ul#	40
22) Benzo(k)fluoranthene	22.71	252	1223	0.051	ng/ul#	42
23) Benzo(a)pyrene	23.21	252	1090	0.058	ng/ul#	25
24) Indeno(1,2,3-cd)pyrene	25.43	276	1261	0.049	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.45	278	987	0.047	ng/ul#	43
26) Benzo(g,h,i)perylene	26.06	276	1155	0.048	ng/ul#	79

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

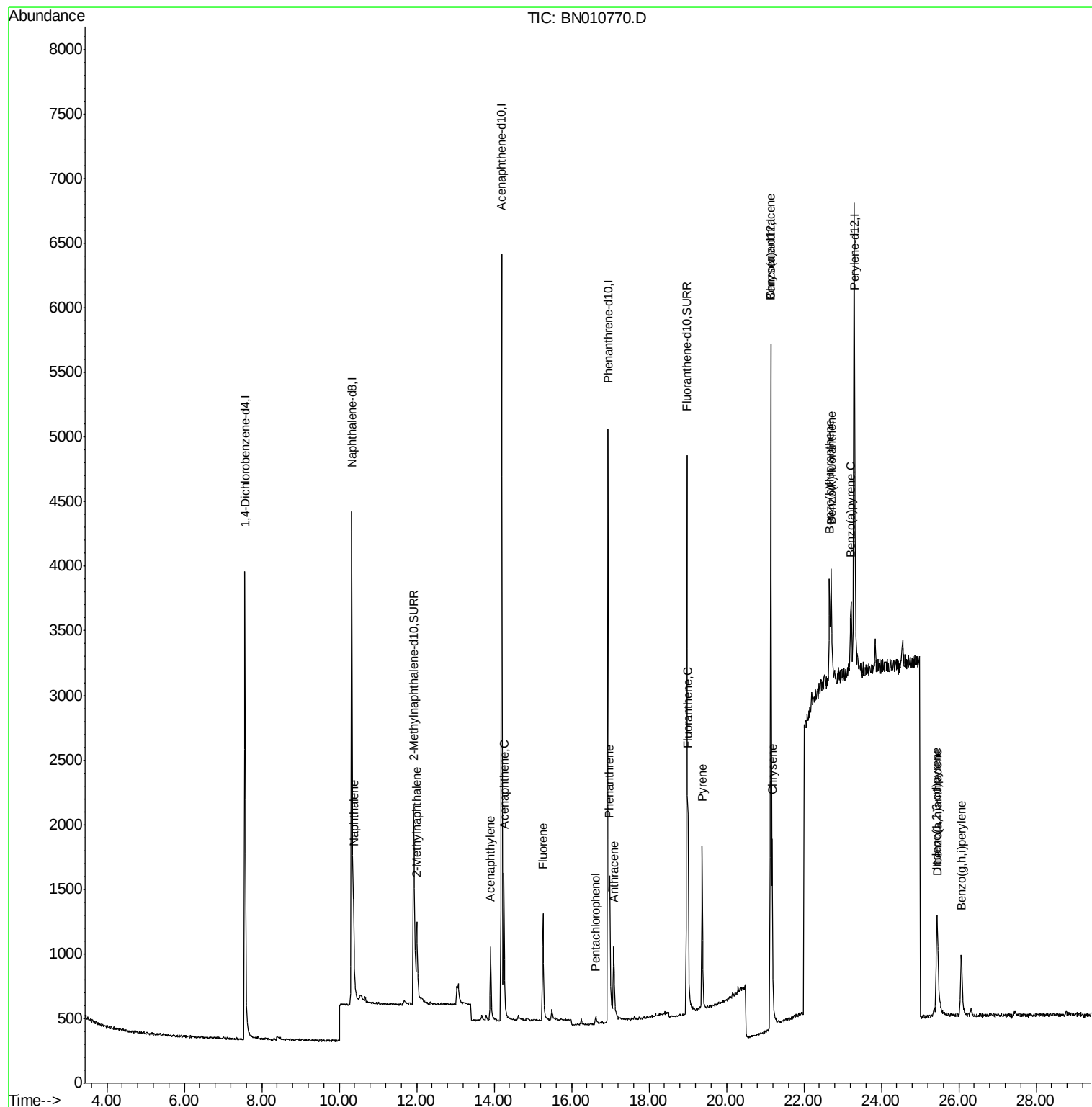
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060420\
Data File : BN010770.D
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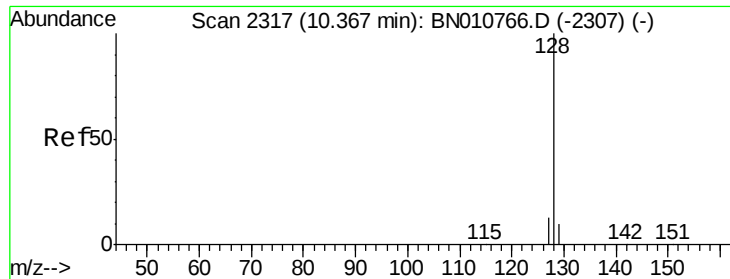
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Quant Time: Jun 05 02:27:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN060320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 02:21:03 2020
Response via : Initial Calibration





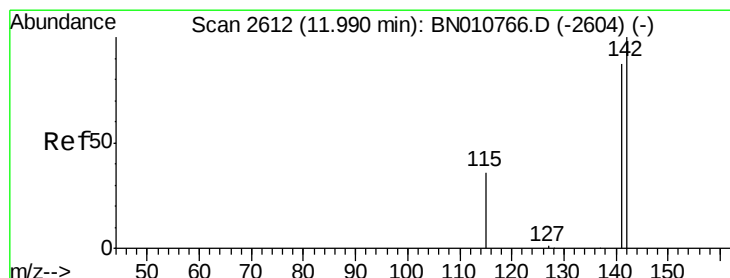
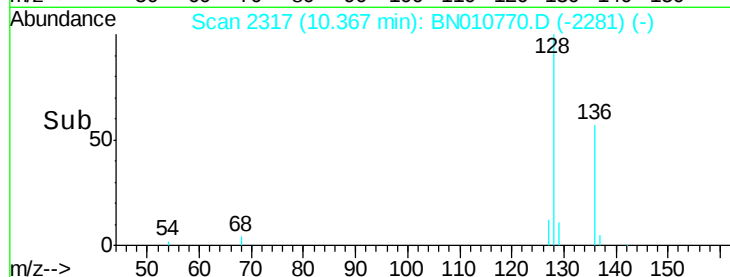
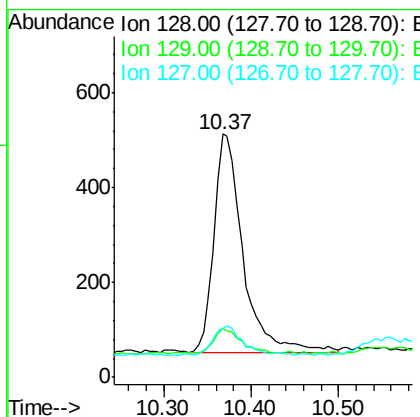
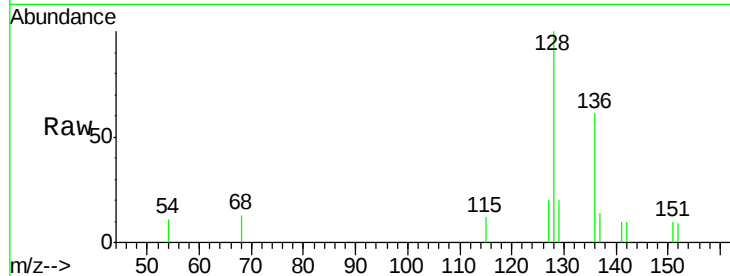
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Naphthalene
Concen: 0.051 ng/ul
RT: 10.37 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BN010770.D
Acq: 04 Jun 2020 19:49

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
128	100		
129	20.1	9.9	14.9#
127	20.3	11.7	17.5#

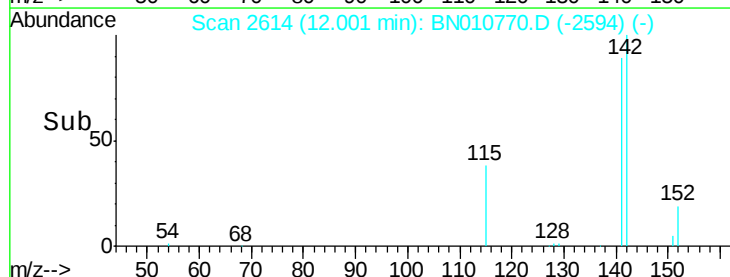
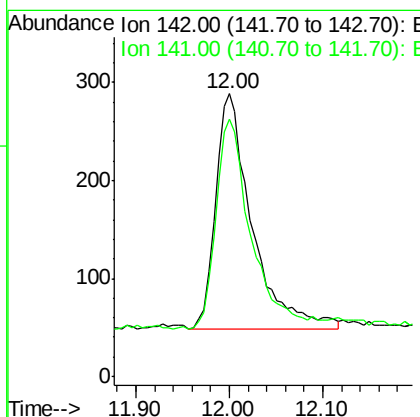
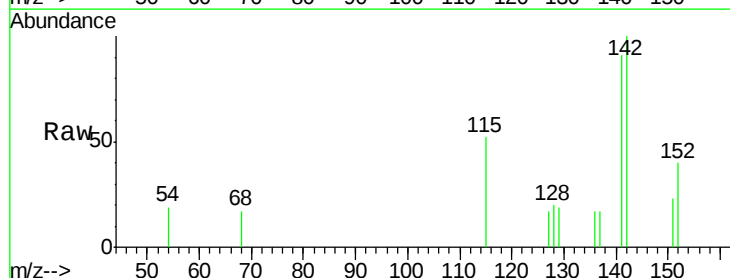
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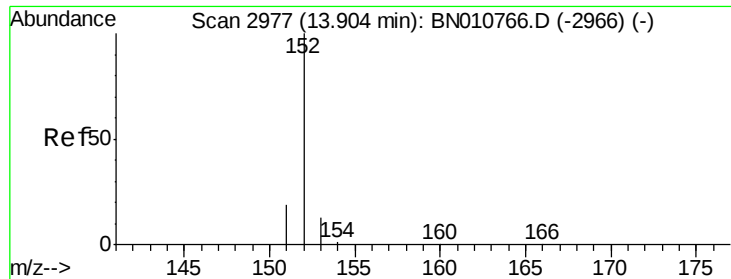
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#5
2-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 12.00 min Scan# 2614
Delta R.T. 0.01 min
Lab File: BN010770.D
Acq: 04 Jun 2020 19:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.1	108.1





#7

Acenaphthylene

Concen: 0.049 ng/ul

RT: 13.91 min Scan# 2978

Delta R.T. 0.00 min

Lab File: BN010770.D

Acq: 04 Jun 2020 19:49

Instrument :

BNA_N

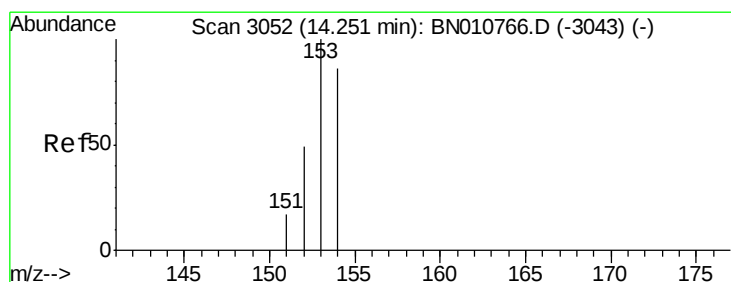
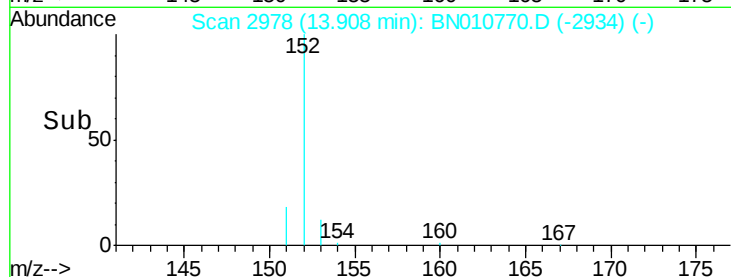
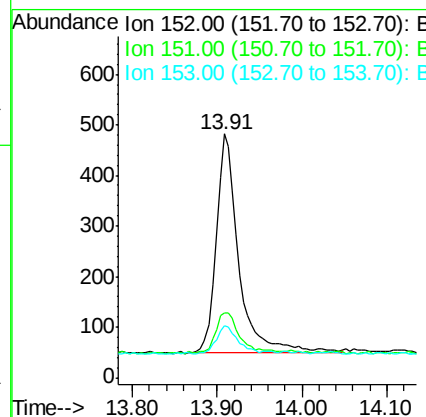
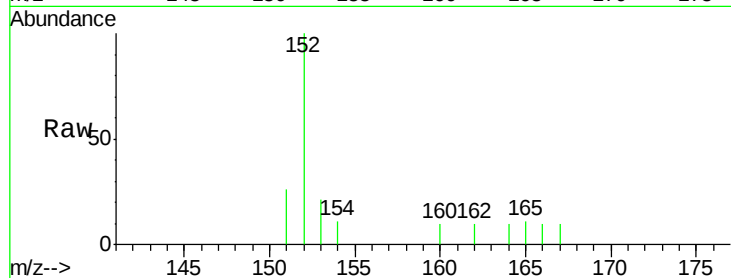
ClientSampleId :

MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
152	100		
151	26.3	16.3	24.5#
153	21.2	11.4	17.2#

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#8

Acenaphthene

Concen: 0.049 ng/ul

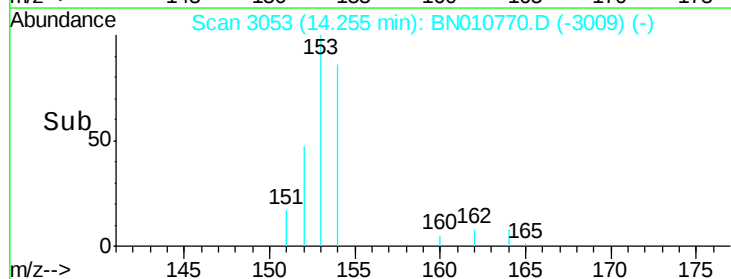
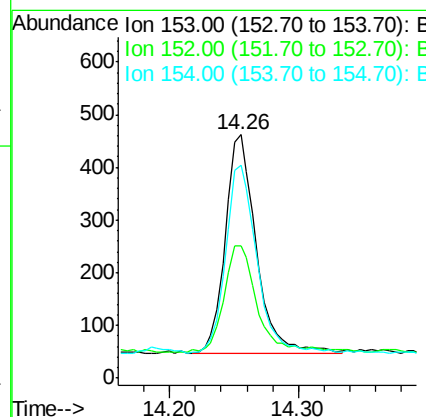
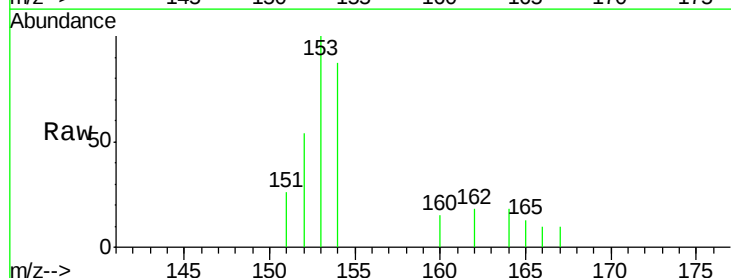
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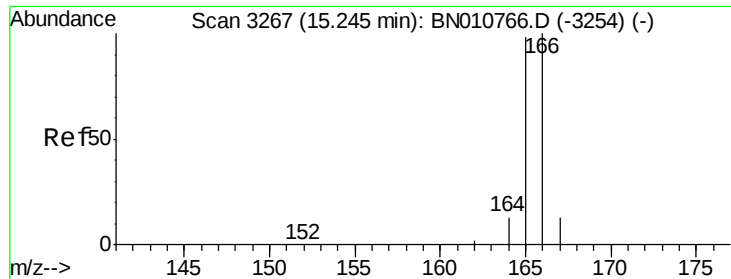
Delta R.T. 0.00 min

Lab File: BN010770.D

Acq: 04 Jun 2020 19:49

Tgt Ion	Ratio	Lower	Upper
153	100		
152	54.3	40.1	60.1
154	87.2	70.6	106.0





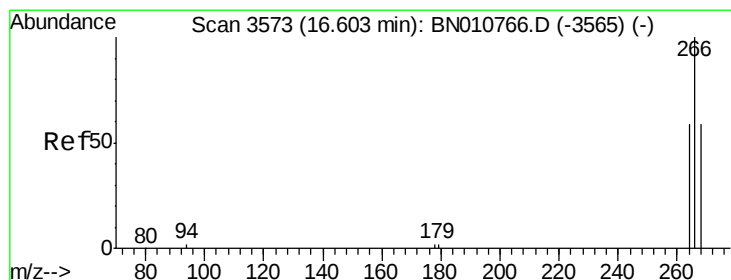
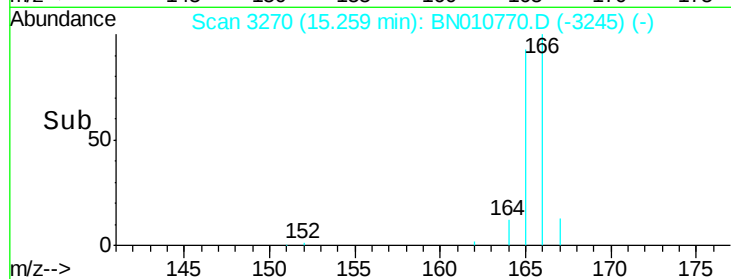
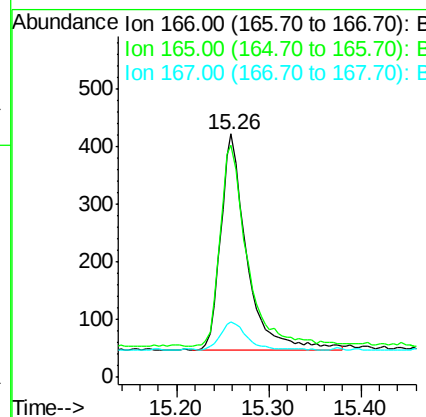
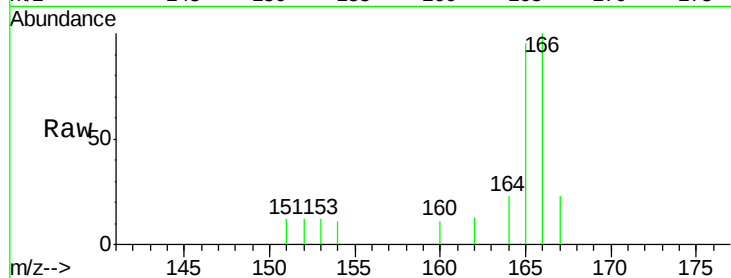
#9
Fluorene
 Concen: 0.048 ng/ul
 RT: 15.26 min Scan# 3270
 Delta R.T. 0.01 min
 Lab File: BN010770.D
 Acq: 04 Jun 2020 19:49

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-02

Tot Ion:166 Resp: 738
 Ion Ratio Lower Upper
 166 100
 165 95.3 77.3 115.9
 167 22.5 12.1 18.1#

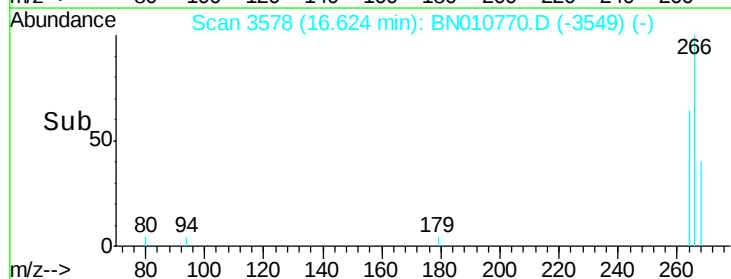
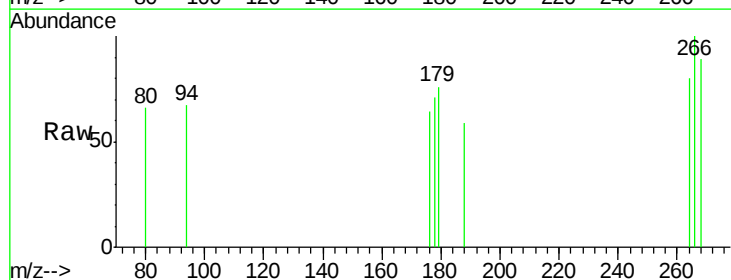
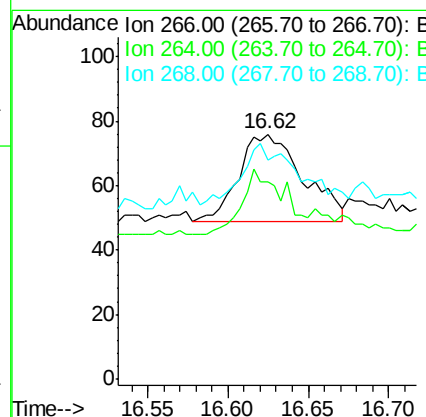
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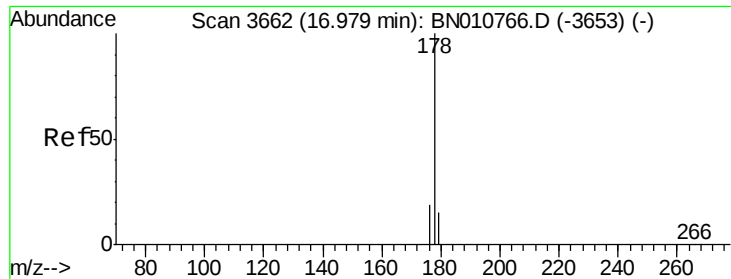
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#11
Pentachlorophenol
 Concen: 0.044 ng/ul
 RT: 16.62 min Scan# 3578
 Delta R.T. 0.02 min
 Lab File: BN010770.D
 Acq: 04 Jun 2020 19:49

Tgt Ion:266 Resp: 74
 Ion Ratio Lower Upper
 266 100
 264 48.6 50.3 75.5#
 268 59.5 54.8 82.2





#12

Phenanthrene

Concen: 0.052 ng/ul

RT: 16.98 min Scan# 3663

Delta R.T. 0.00 min

Lab File: BN010770.D

Acq: 04 Jun 2020 19:49

Instrument :

BNA_N

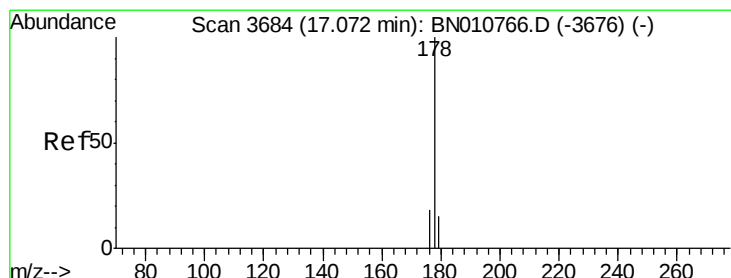
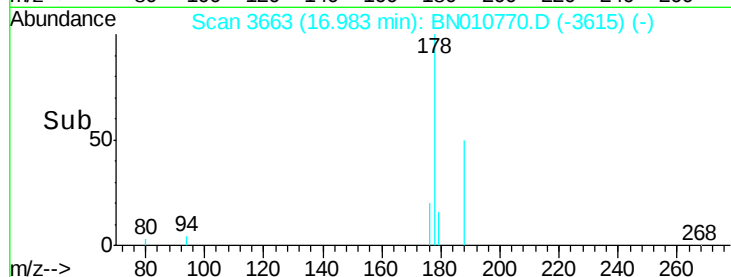
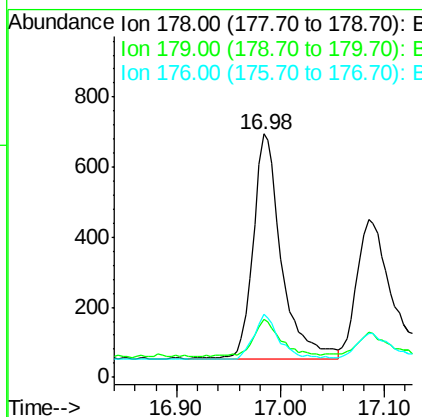
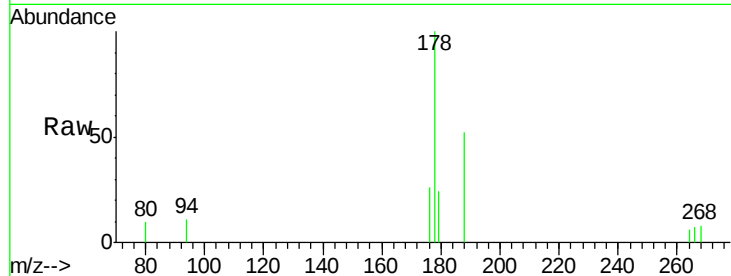
ClientSampleId :

MDL-WATER-02

Tot Ion:	178	Resp:	1218
Ion Ratio	Lower	Upper	
178	100		
179	23.6	13.0	19.6#
176	25.8	15.8	23.8#

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#13

Anthracene

Concen: 0.045 ng/ul

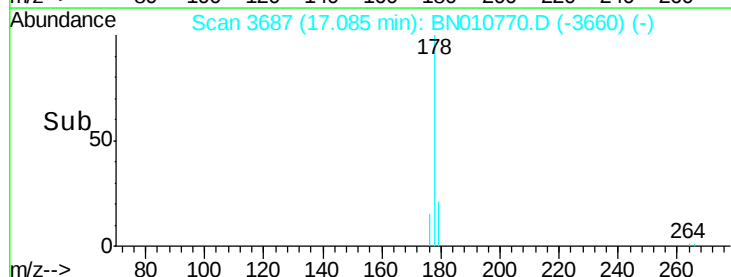
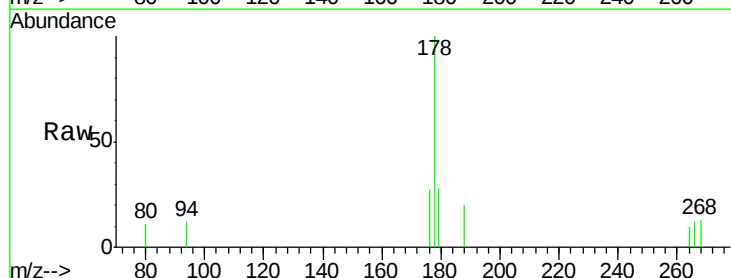
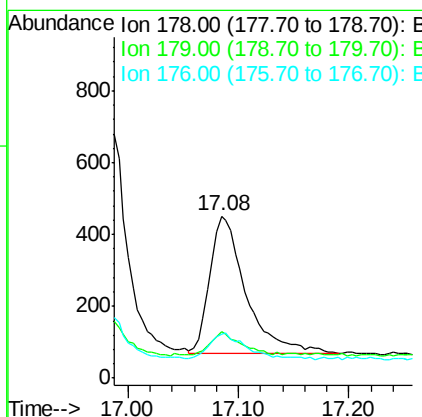
RT: 17.08 min Scan# 3687

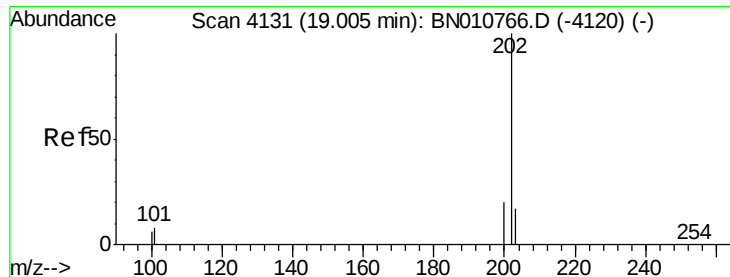
Delta R.T. 0.01 min

Lab File: BN010770.D

Acq: 04 Jun 2020 19:49

Tgt Ion:	178	Resp:	876
Ion Ratio	Lower	Upper	
178	100		
179	28.3	13.6	20.4#
176	27.4	15.5	23.3#





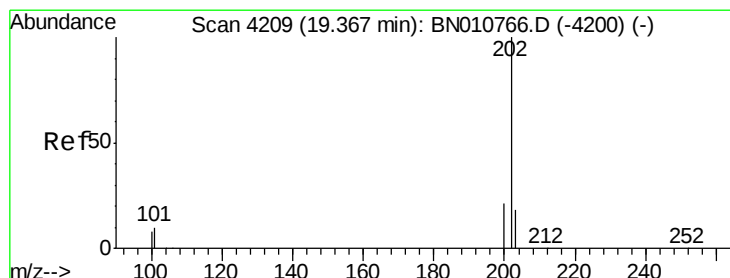
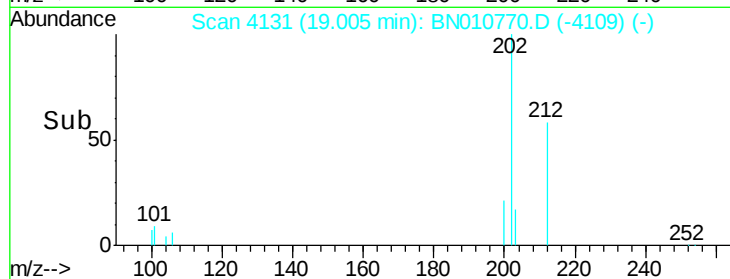
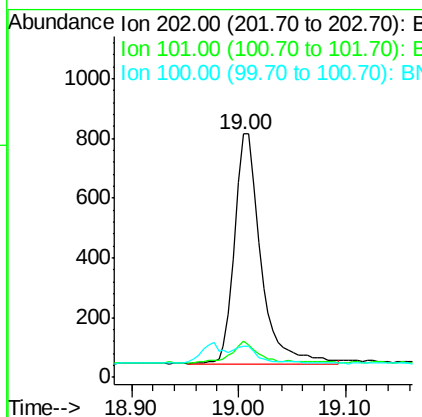
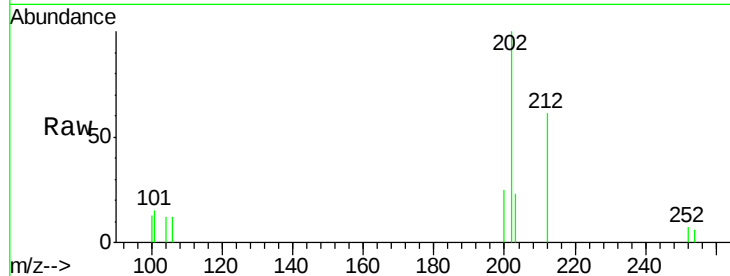
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Fluoranthene
 Concen: 0.050 ng/ul
 RT: 19.00 min Scan# 4131
 Delta R.T. 0.00 min
 Lab File: BN010770.D
 Acq: 04 Jun 2020 19:49

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-02

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1308		
101	15.0		0.0	29.8
100	12.6		0.0	28.0

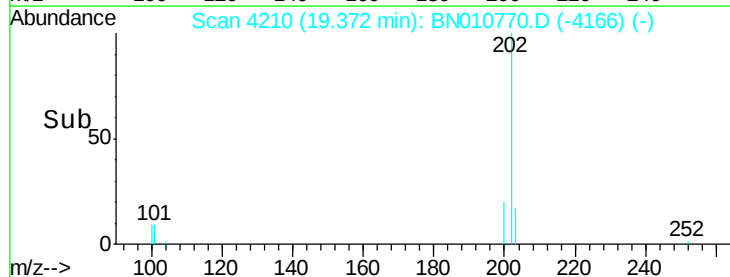
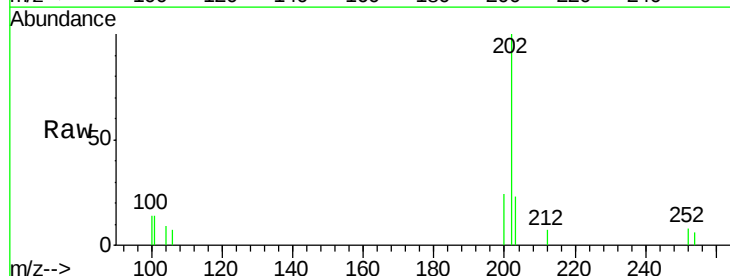
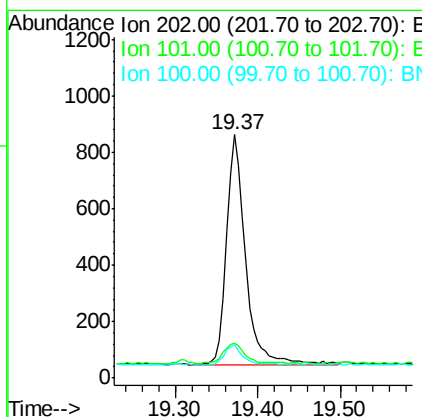
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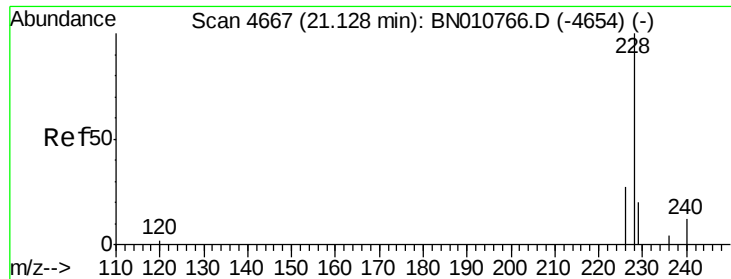
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#17
Pyrene
 Concen: 0.055 ng/ul
 RT: 19.37 min Scan# 4210
 Delta R.T. 0.00 min
 Lab File: BN010770.D
 Acq: 04 Jun 2020 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1314		
101	14.3		8.6	12.8#
100	13.9		7.1	10.7#





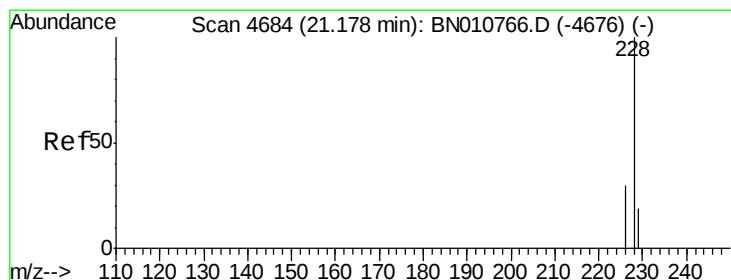
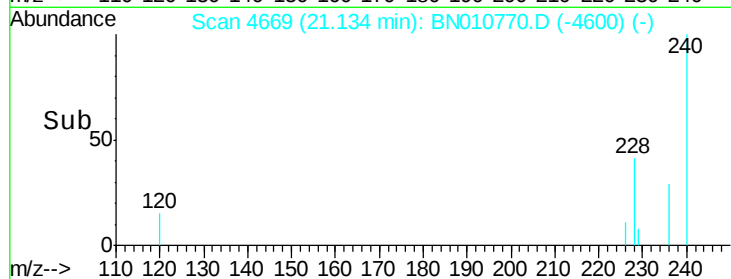
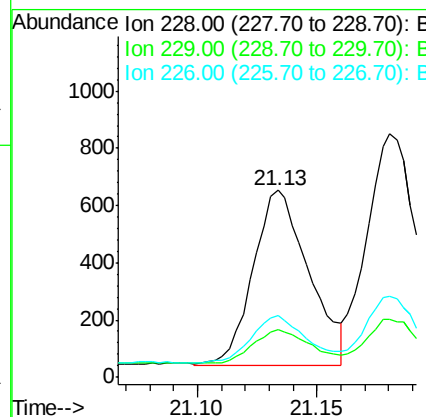
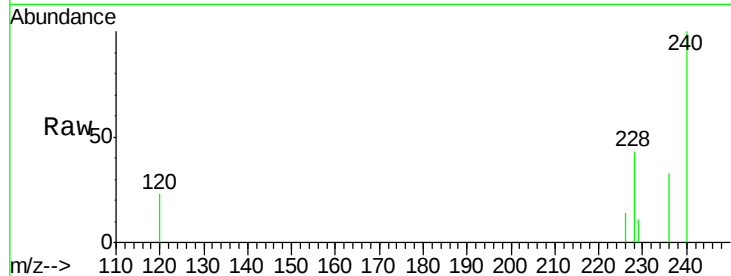
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Benzo(a)anthracene
Concen: 0.050 ng/ul m
RT: 21.13 min Scan# 4669
Delta R.T. 0.00 min
Lab File: BN010770.D
Acq: 04 Jun 2020 19:49

Instrument :
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MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
228	100		
229	25.7	16.0	24.0#
226	32.8	22.9	34.3

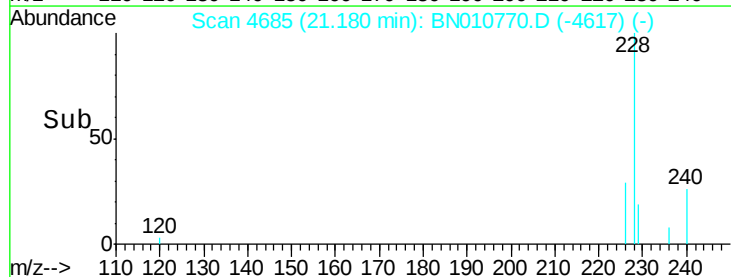
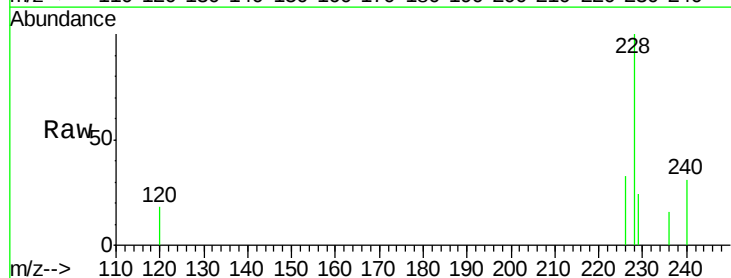
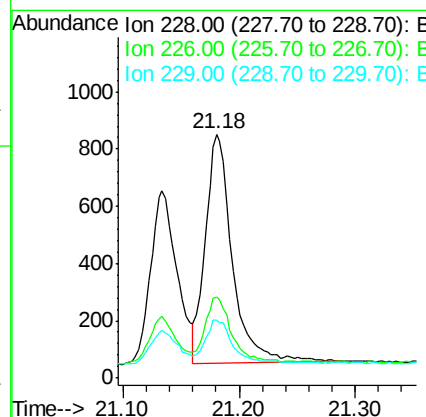
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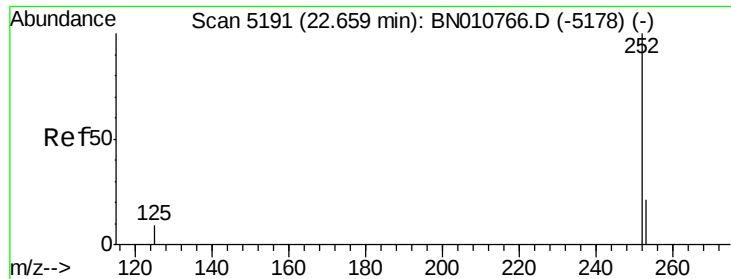
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#19
Chrysene
Concen: 0.052 ng/ul
RT: 21.18 min Scan# 4685
Delta R.T. 0.00 min
Lab File: BN010770.D
Acq: 04 Jun 2020 19:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	23.7	35.5
229	23.7	16.2	24.2





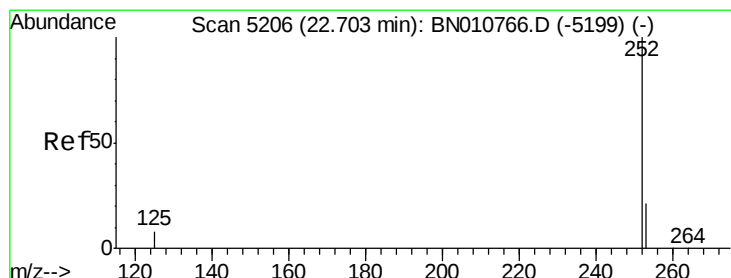
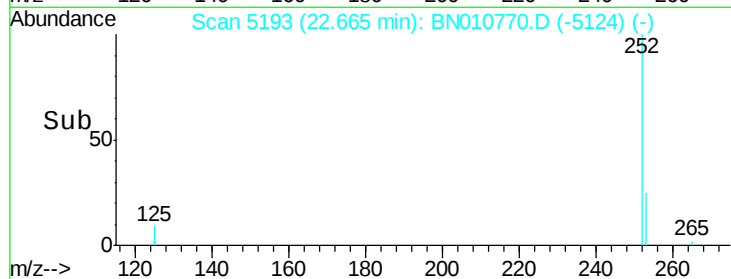
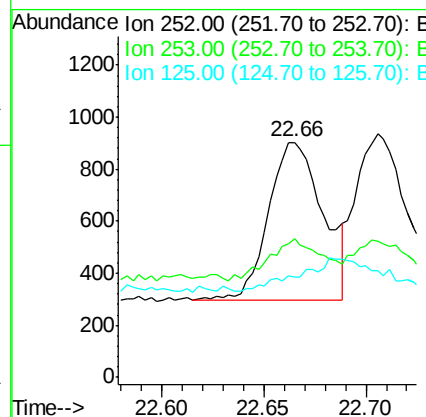
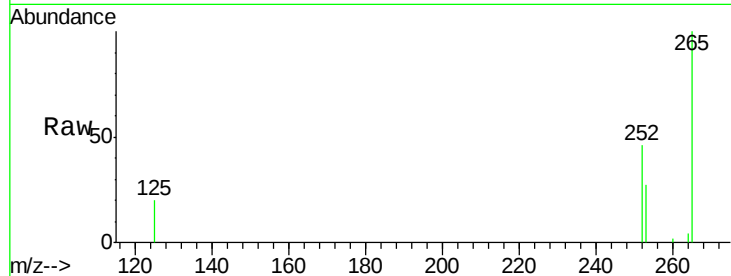
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Benzo(b)fluoranthene
Concen: 0.050 ng/u1
RT: 22.66 min Scan# 5193
Delta R.T. 0.00 min
Lab File: BN010770.D
Acq: 04 Jun 2020 19:49

Instrument :
BNA_N
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MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
252	100		
253	58.7	0.0	57.6#
125	42.6	0.0	29.4#

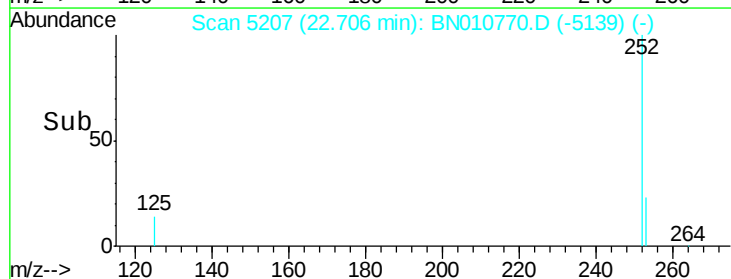
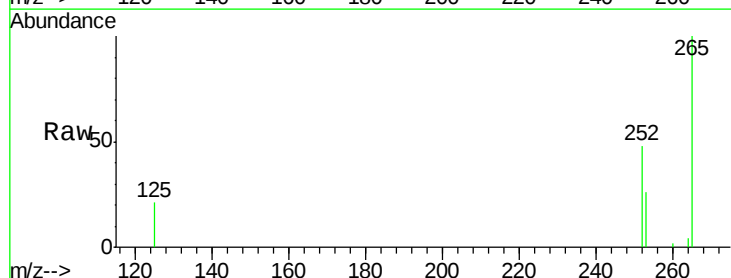
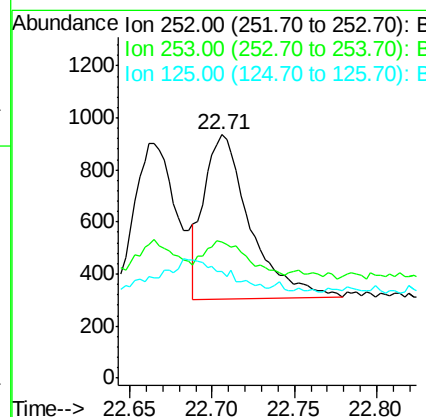
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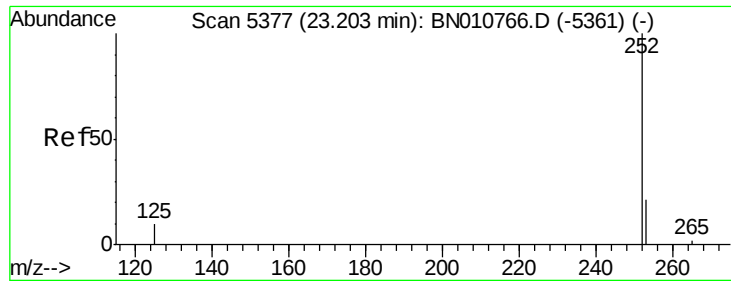
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#22
Benzo(k)fluoranthene
Concen: 0.051 ng/u1
RT: 22.71 min Scan# 5207
Delta R.T. -0.00 min
Lab File: BN010770.D
Acq: 04 Jun 2020 19:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	55.7	22.7	34.1#
125	44.0	12.2	18.4#





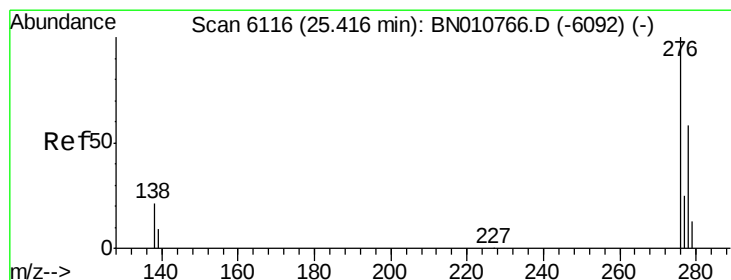
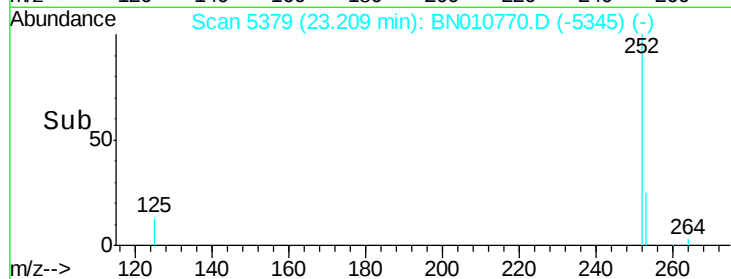
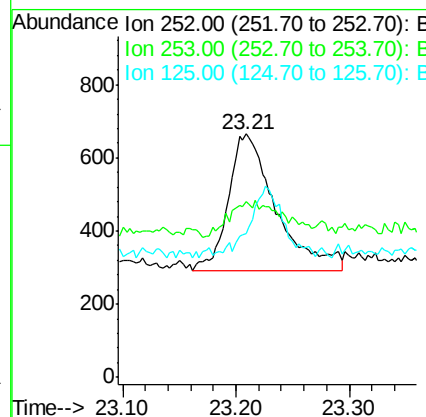
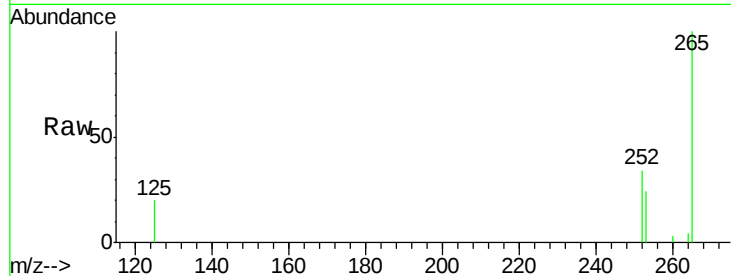
#23
Benzo(a)pyrene
Concen: 0.058 ng/u1
RT: 23.21 min Scan# 5379
Delta R.T. 0.00 min
Lab File: BN010770.D
Acq: 04 Jun 2020 19:49

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
252	100		
253	72.1	26.3	39.5#
125	58.9	16.1	24.1#

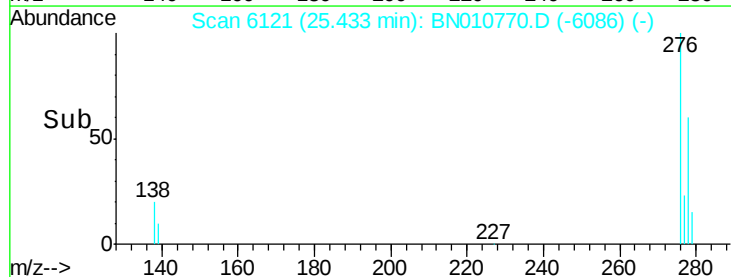
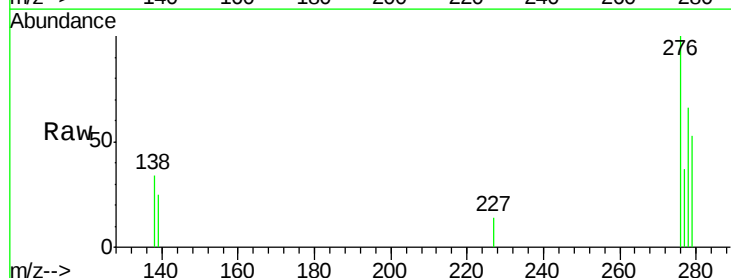
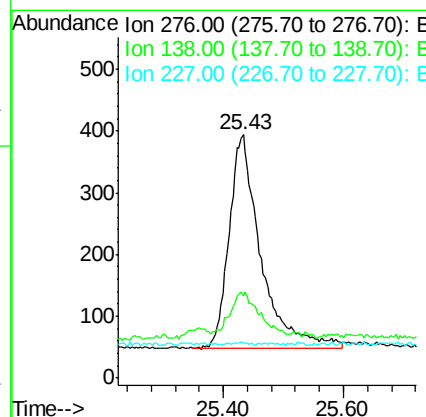
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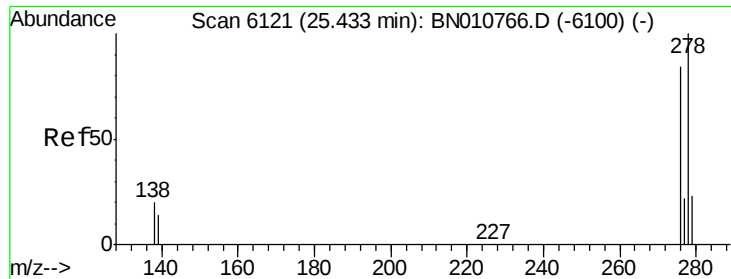
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.049 ng/u1
RT: 25.43 min Scan# 6121
Delta R.T. 0.02 min
Lab File: BN010770.D
Acq: 04 Jun 2020 19:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	17.6	26.4
227	0.0	0.1	0.1#





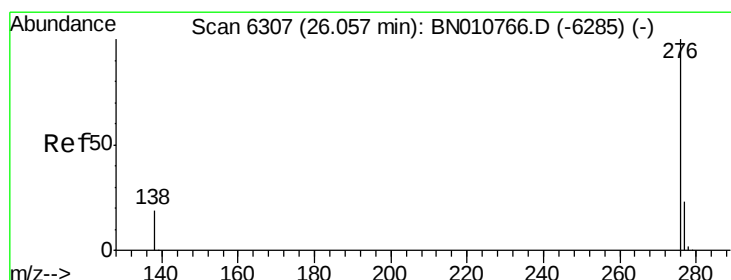
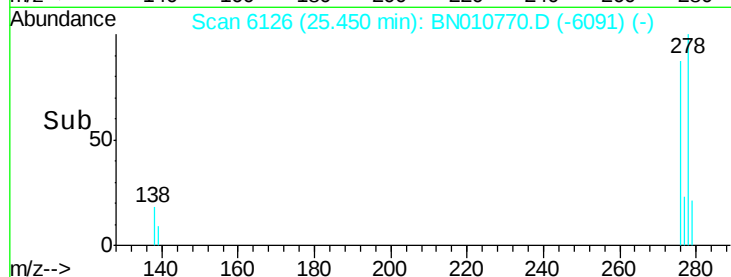
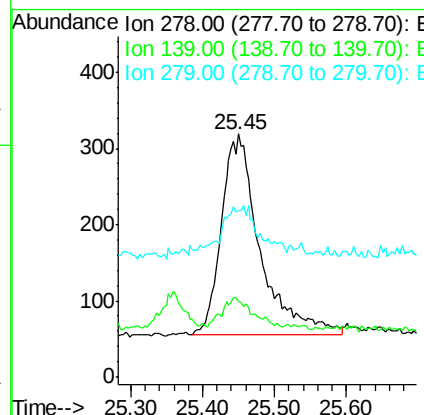
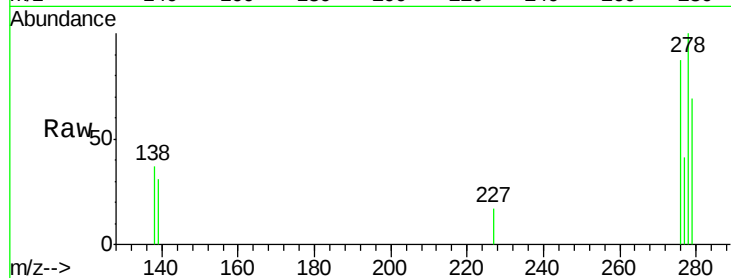
#25
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 25.45 min Scan# 6126
Delta R.T. 0.02 min
Lab File: BN010770.D
Acq: 04 Jun 2020 19:49

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
278	100		
139	31.3	13.7	20.5#
279	68.7	23.9	35.9#

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#26
Benzo(g,h,i)perylene
Concen: 0.048 ng/ul
RT: 26.06 min Scan# 6309
Delta R.T. 0.01 min
Lab File: BN010770.D
Acq: 04 Jun 2020 19:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.2	17.5	26.3#
277	35.6	20.7	31.1#

