

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
 Data File : BN023678.D
 Acq On : 17 Jan 2023 12:36
 Operator : CG/JU
 Sample : N3214-09
 Misc : MDL-MDL-WATER 0.1ng
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Quant Time: Jan 18 05:34:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 05:31:53 2023
 Response via : Initial Calibration

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

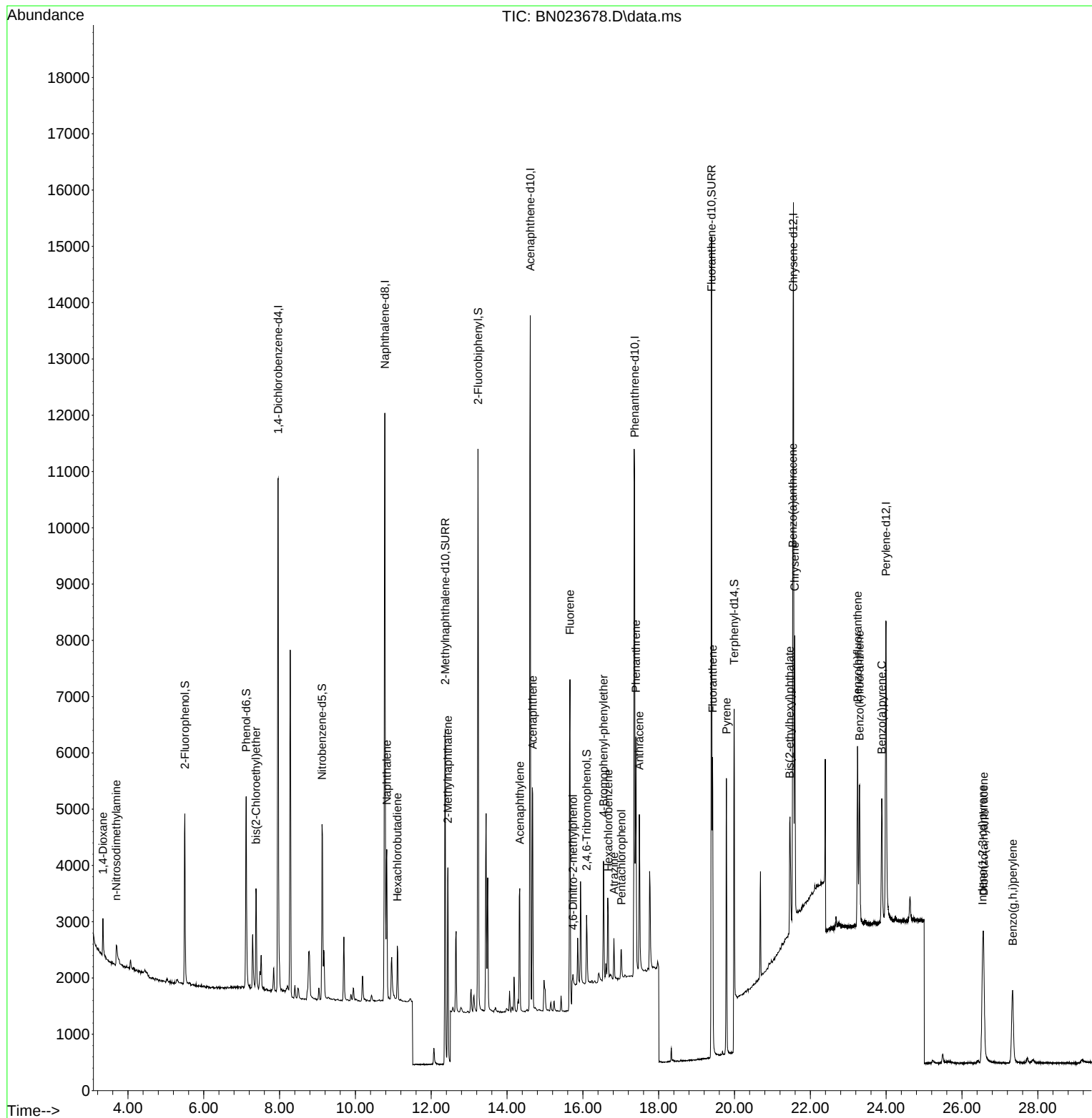
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	4602	0.400	ng	0.01
7) Naphthalene-d8	10.776	136	13266	0.400	ng	0.01
13) Acenaphthene-d10	14.613	164	7010	0.400	ng	0.01
19) Phenanthrene-d10	17.365	188	14580	0.400	ng	# 0.01
29) Chrysene-d12	21.553	240	10887	0.400	ng	0.00
35) Perylene-d12	23.995	264	8209	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.500	112	2545	0.279	ng	0.00
5) Phenol-d6	7.118	99	3240	0.275	ng	0.01
8) Nitrobenzene-d5	9.121	82	2719	0.272	ng	0.01
11) 2-Methylnaphthalene-d10	12.367	152	8042	0.439	ng	0.01
14) 2,4,6-Tribromophenol	16.099	330	752	0.248	ng	0.00
15) 2-Fluorobiphenyl	13.234	172	8444	0.298	ng	0.01
27) Fluoranthene-d10	19.393	212	15661	0.439	ng	0.00
31) Terphenyl-d14	19.991	244	9618	0.349	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	460	0.111	ng	96
3) n-Nitrosodimethylamine	3.694	42	393	0.085	ng	90
6) bis(2-Chloroethyl)ether	7.378	93	1388	0.112	ng	99
9) Naphthalene	10.829	128	3625	0.103	ng	96
10) Hexachlorobutadiene	11.107	225	768	0.108	ng	# 99
12) 2-Methylnaphthalene	12.439	142	2856	0.113	ng	98
16) Acenaphthylene	14.335	152	2666	0.094	ng	99
17) Acenaphthene	14.677	154	2078	0.100	ng	99
18) Fluorene	15.660	166	2727	0.098	ng	100
20) 4,6-Dinitro-2-methylph...	15.739	198	135	0.085	ng	# 1
21) 4-Bromophenyl-phenylether	16.545	248	830	0.100	ng	# 89
22) Hexachlorobenzene	16.670	284	1153	0.111	ng	99
23) Atrazine	16.819	200	544	0.095	ng	# 89
24) Pentachlorophenol	17.017	266	321	0.089	ng	91
25) Phenanthrene	17.402	178	4216	0.099	ng	99
26) Anthracene	17.489	178	3241	0.095	ng	100
28) Fluoranthene	19.422	202	4571	0.095	ng	99
30) Pyrene	19.785	202	4393	0.105	ng	100
32) Benzo(a)anthracene	21.535	228	3443	0.098	ng	97
33) Chrysene	21.589	228	4135	0.107	ng	97
34) Bis(2-ethylhexyl)phtha...	21.455	149	2092	0.127	ng	98
36) Indeno(1,2,3-cd)pyrene	26.544	276	3611	0.098	ng	97
37) Benzo(b)fluoranthene	23.246	252	3927	0.112	ng	# 72
38) Benzo(k)fluoranthene	23.299	252	3481	0.102	ng	# 75
39) Benzo(a)pyrene	23.886	252	3103	0.117	ng	# 56
40) Dibenzo(a,h)anthracene	26.570	278	2859	0.097	ng	# 80
41) Benzo(g,h,i)perylene	27.336	276	3044	0.101	ng	# 91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
Data File : BN023678.D
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Operator : CG/JU
Sample : N3214-09
Misc : MDL-MDL-WATER 0.1ng
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

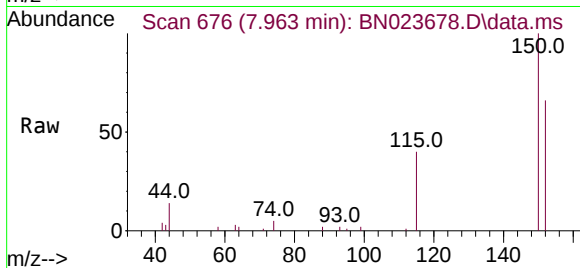
Quant Time: Jan 18 05:34:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 05:31:53 2023
Response via : Initial Calibration



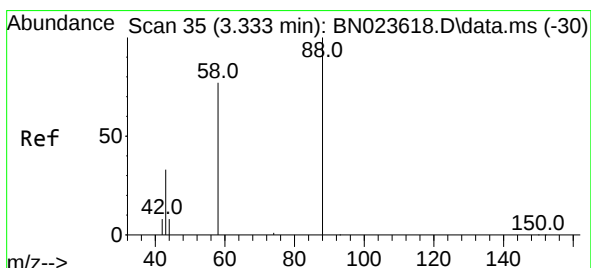
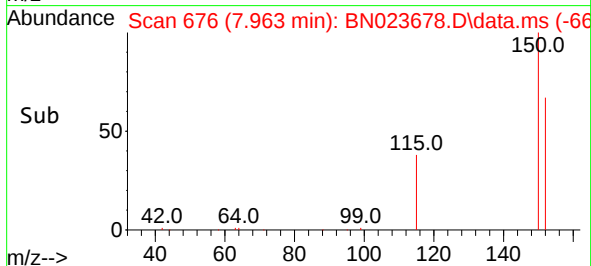
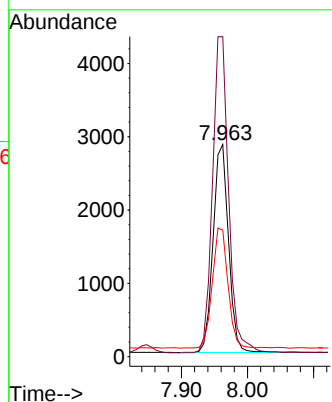


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.963 min Scan# 61
Delta R.T. 0.015 min
Lab File: BN023678.D
Acq: 17 Jan 2023 12:36

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

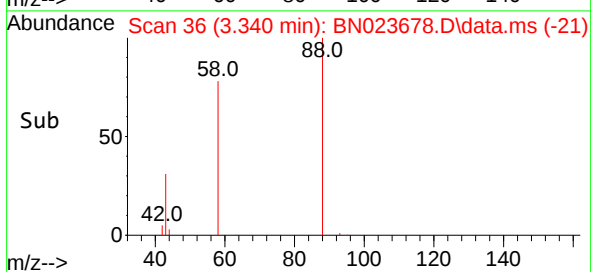
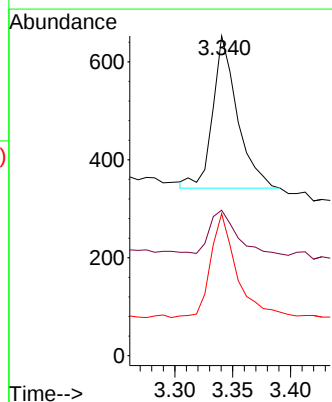
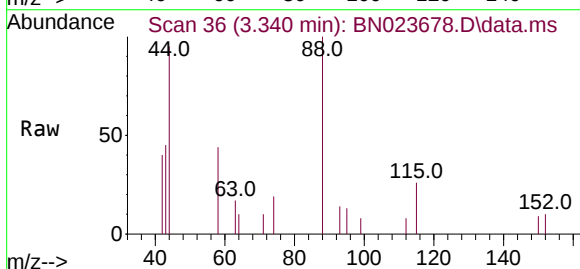


Tgt Ion:152 Resp: 4602
Ion Ratio Lower Upper
152 100
150 150.8 123.8 185.8
115 59.6 50.6 75.8



#2
1,4-Dioxane
Concen: 0.111 ng
RT: 3.340 min Scan# 36
Delta R.T. 0.007 min
Lab File: BN023678.D
Acq: 17 Jan 2023 12:36

Tgt Ion: 88 Resp: 460
Ion Ratio Lower Upper
88 100
43 30.0 26.2 39.2
58 72.2 60.6 90.8

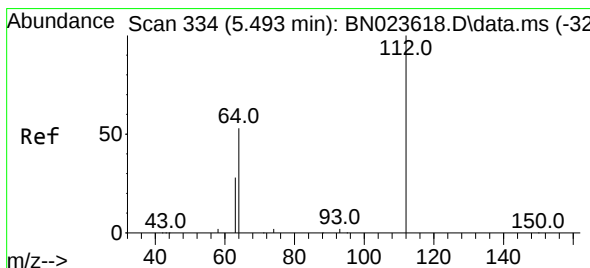
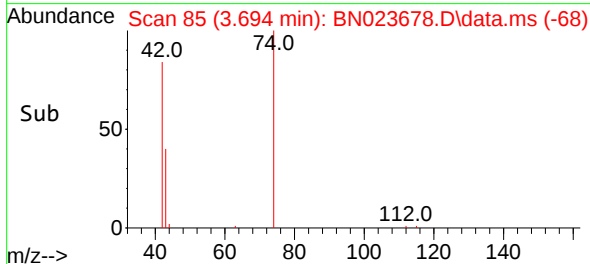
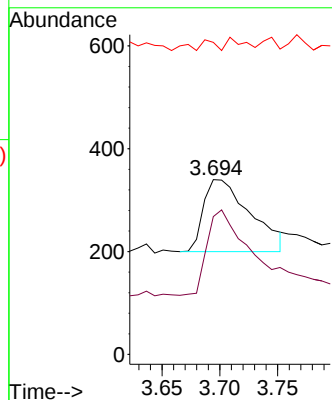
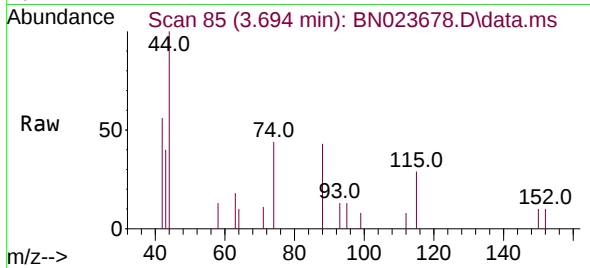




#3
n-Nitrosodimethylamine
Concen: 0.085 ng
RT: 3.694 min Scan# 81
Delta R.T. 0.022 min
Lab File: BN023678.D
Acq: 17 Jan 2023 12:36

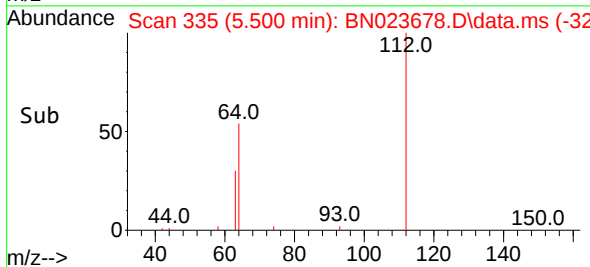
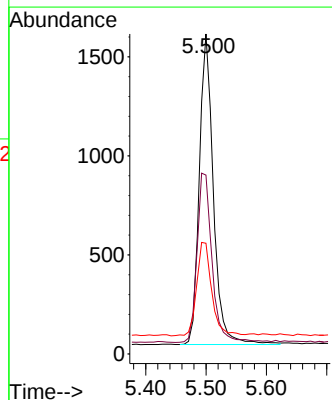
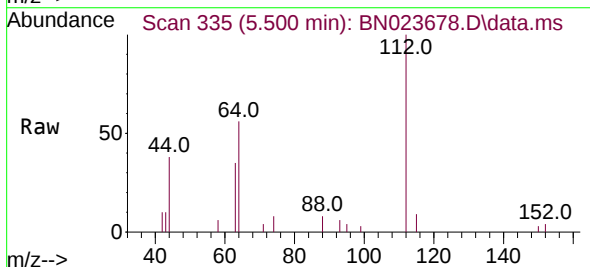
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion: 42 Resp: 393
Ion Ratio Lower Upper
42 100
74 103.8 92.1 138.1
44 6.6 5.4 8.0



#4
2-Fluorophenol
Concen: 0.279 ng
RT: 5.500 min Scan# 335
Delta R.T. 0.007 min
Lab File: BN023678.D
Acq: 17 Jan 2023 12:36

Tgt Ion: 112 Resp: 2545
Ion Ratio Lower Upper
112 100
64 58.4 44.9 67.3
63 32.4 24.9 37.3

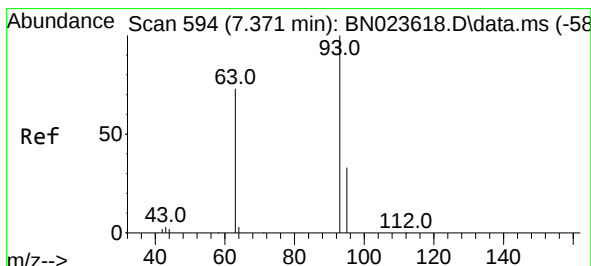
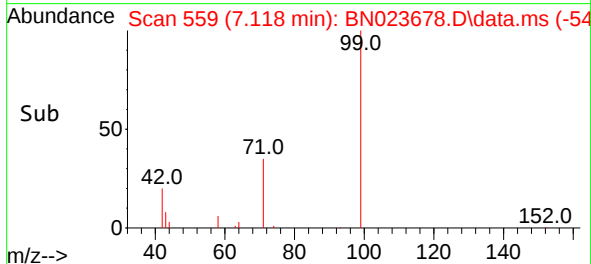
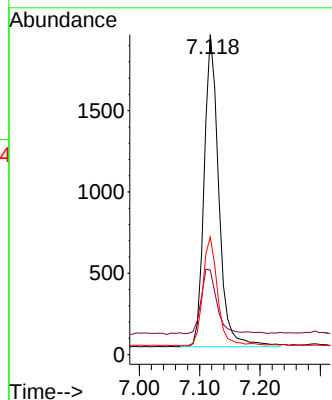
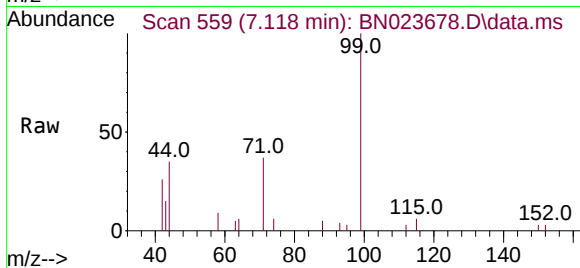




#5
Phenol-d6
Concen: 0.275 ng
RT: 7.118 min Scan# 511
Delta R.T. 0.014 min
Lab File: BN023678.D
Acq: 17 Jan 2023 12:36

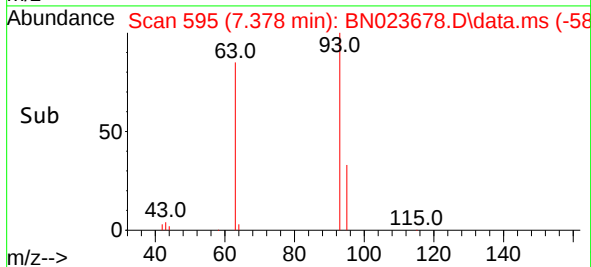
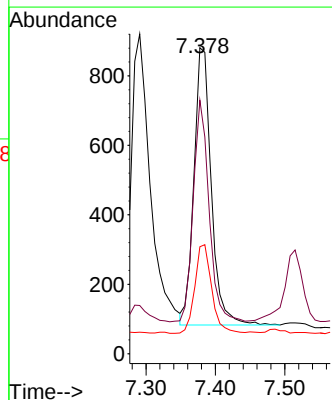
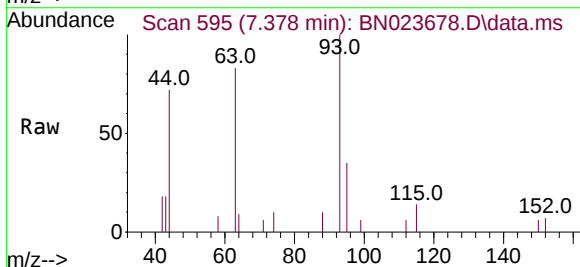
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

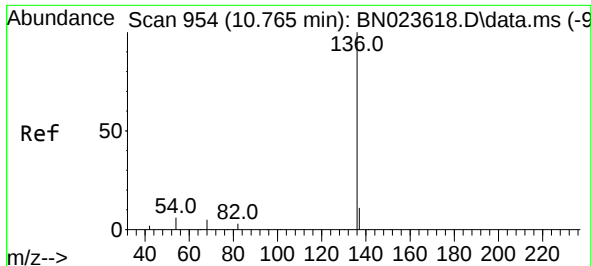
Tgt Ion: 99 Resp: 3240
Ion Ratio Lower Upper
99 100
42 22.8 18.8 28.2
71 34.7 28.2 42.4



#6
bis(2-Chloroethyl)ether
Concen: 0.112 ng
RT: 7.378 min Scan# 595
Delta R.T. 0.007 min
Lab File: BN023678.D
Acq: 17 Jan 2023 12:36

Tgt Ion: 93 Resp: 1388
Ion Ratio Lower Upper
93 100
63 73.1 59.6 89.4
95 31.1 25.3 37.9

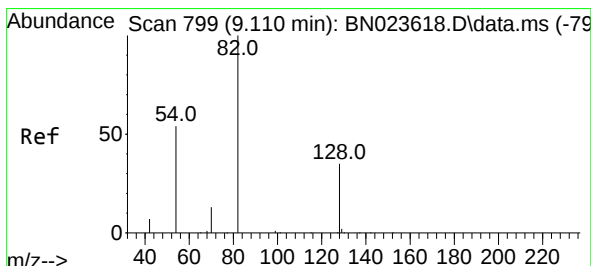
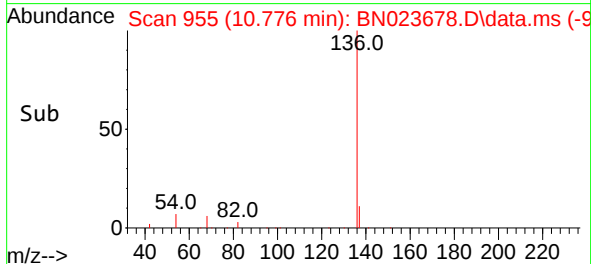
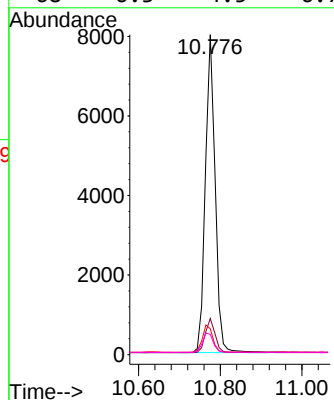
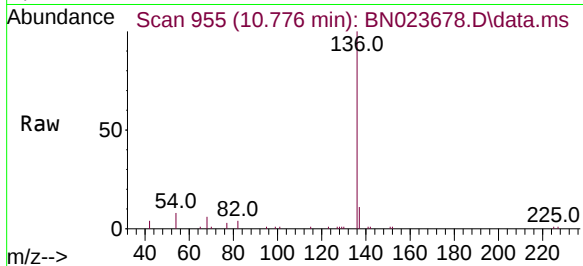




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.776 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN023678.D
Acq: 17 Jan 2023 12:36

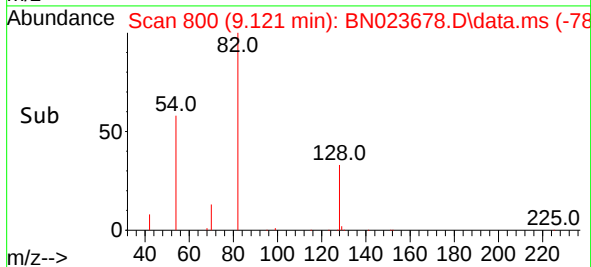
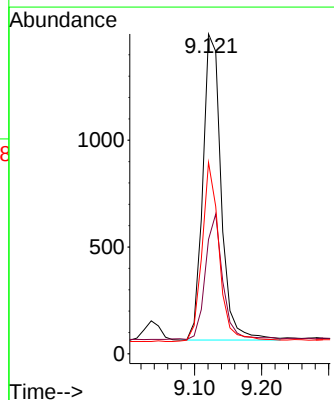
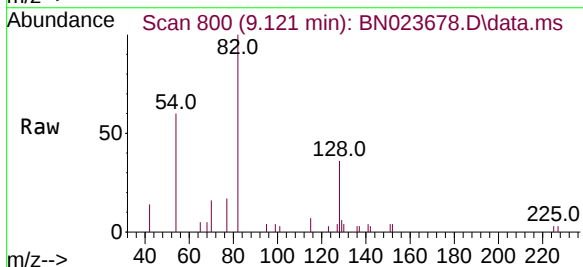
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

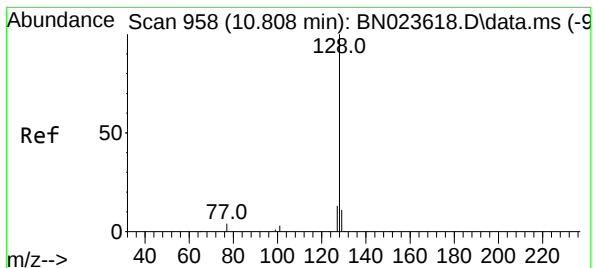
Tgt Ion:	136	Resp:	13266
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	8.1	5.7	8.5
68	6.3	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.272 ng
RT: 9.121 min Scan# 800
Delta R.T. 0.011 min
Lab File: BN023678.D
Acq: 17 Jan 2023 12:36

Tgt Ion:	82	Resp:	2719
Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.8	44.8
54	59.8	43.9	65.9





#9

Naphthalene

Concen: 0.103 ng

RT: 10.829 min Scan# 90

Delta R.T. 0.011 min

Lab File: BN023678.D

Acq: 17 Jan 2023 12:36

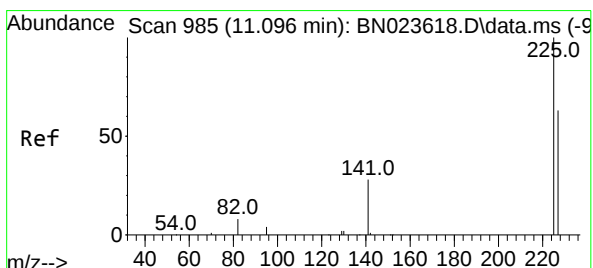
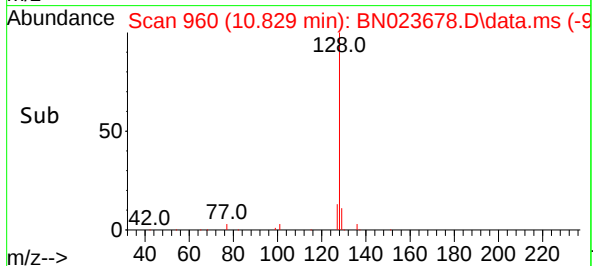
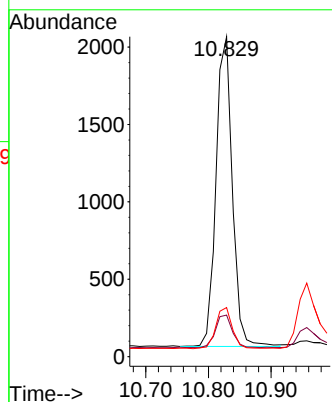
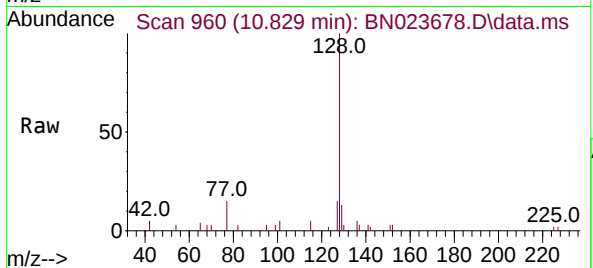
Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:	128	Resp:	3625
Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.2	13.8
127	15.3	11.0	16.4



#10

Hexachlorobutadiene

Concen: 0.108 ng

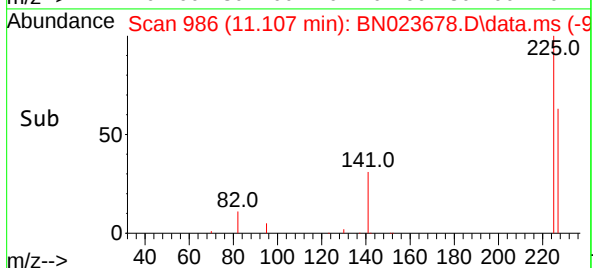
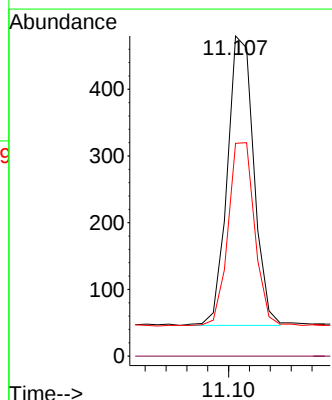
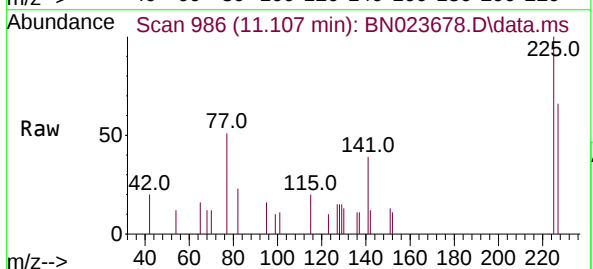
RT: 11.107 min Scan# 986

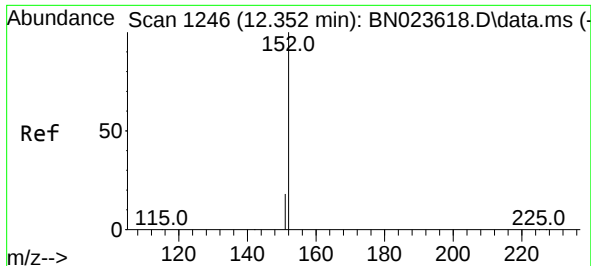
Delta R.T. 0.011 min

Lab File: BN023678.D

Acq: 17 Jan 2023 12:36

Tgt Ion:	225	Resp:	768
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.8	77.6

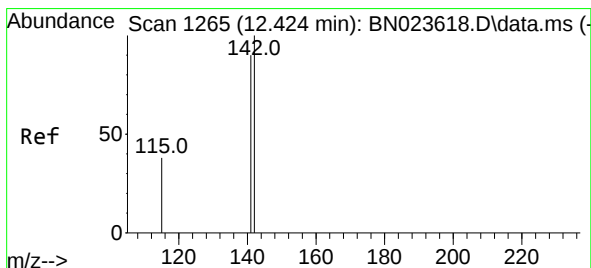
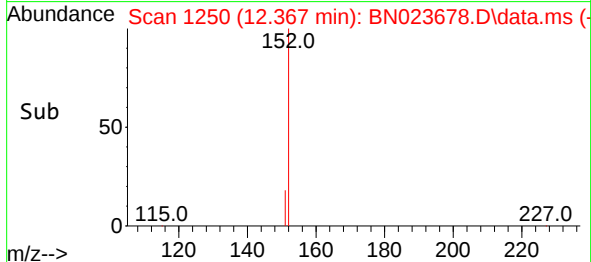
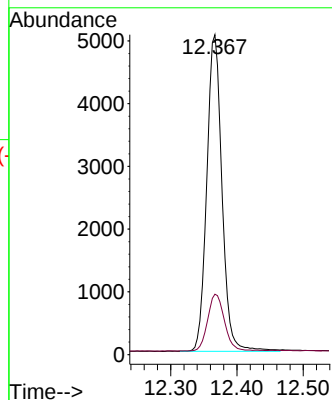
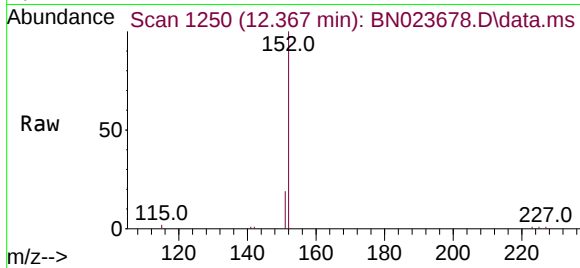




#11
2-Methylnaphthalene-d10
Concen: 0.439 ng
RT: 12.367 min Scan# 1246
Delta R.T. 0.011 min
Lab File: BN023678.D
Acq: 17 Jan 2023 12:36

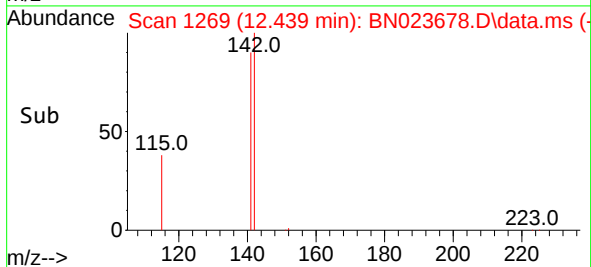
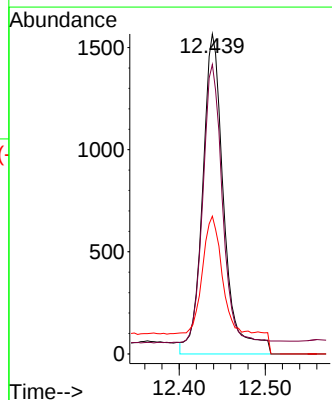
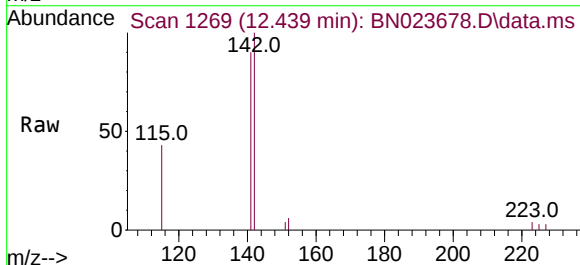
Instrument :
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ClientSampleId :
MDL-WATER-03-QT2-2022

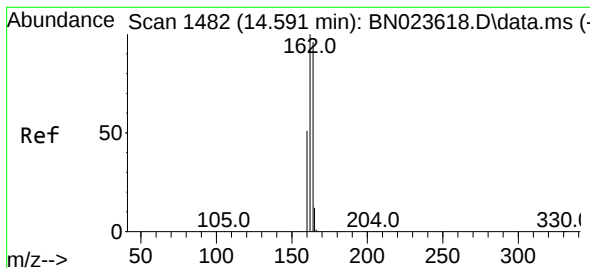
Tgt Ion:152 Resp: 8042
Ion Ratio Lower Upper
152 100
151 20.0 16.9 25.3



#12
2-Methylnaphthalene
Concen: 0.113 ng
RT: 12.439 min Scan# 1269
Delta R.T. 0.007 min
Lab File: BN023678.D
Acq: 17 Jan 2023 12:36

Tgt Ion:142 Resp: 2856
Ion Ratio Lower Upper
142 100
141 90.4 72.0 108.0
115 43.0 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.613 min Scan# 1484

Delta R.T. 0.011 min

Lab File: BN023678.D

Acq: 17 Jan 2023 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

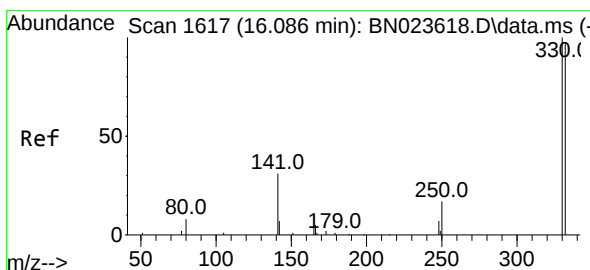
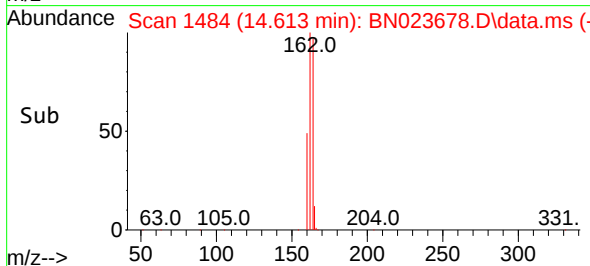
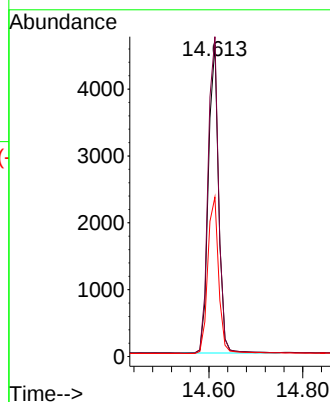
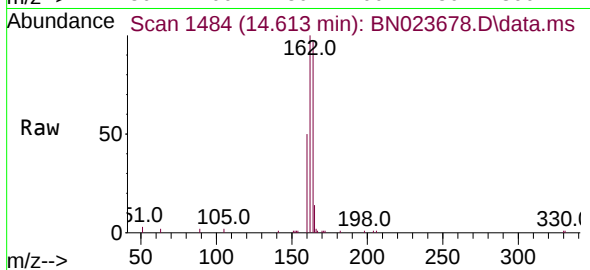
Tgt Ion:164 Resp: 7010

Ion Ratio Lower Upper

164 100

162 102.6 83.4 125.2

160 51.1 42.7 64.1



#14

2,4,6-Tribromophenol

Concen: 0.248 ng

RT: 16.099 min Scan# 1618

Delta R.T. -0.000 min

Lab File: BN023678.D

Acq: 17 Jan 2023 12:36

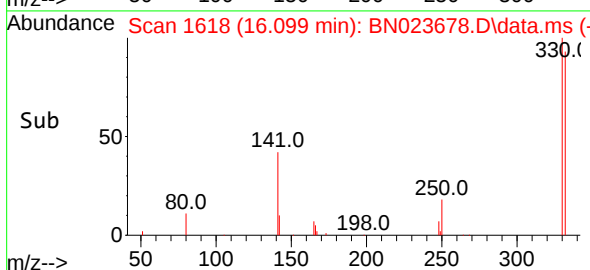
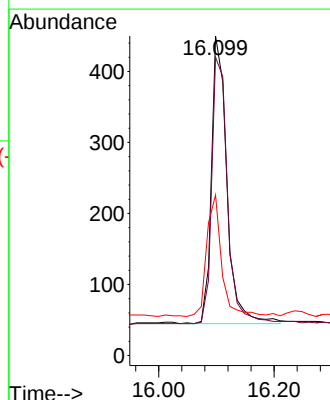
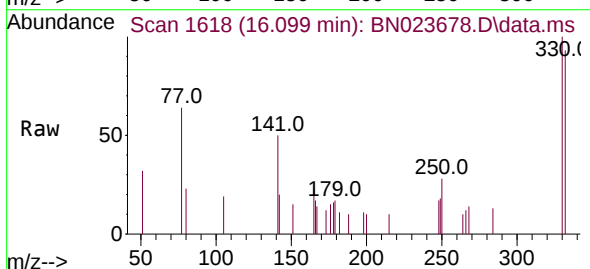
Tgt Ion:330 Resp: 752

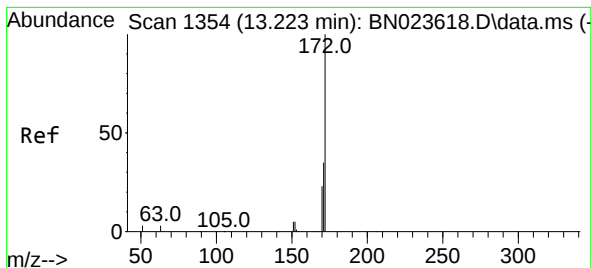
Ion Ratio Lower Upper

330 100

332 94.4 78.1 117.1

141 41.1 33.4 50.0





#15

2-Fluorobiphenyl

Concen: 0.298 ng

RT: 13.234 min Scan# 1354

Delta R.T. 0.011 min

Lab File: BN023678.D

Acq: 17 Jan 2023 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

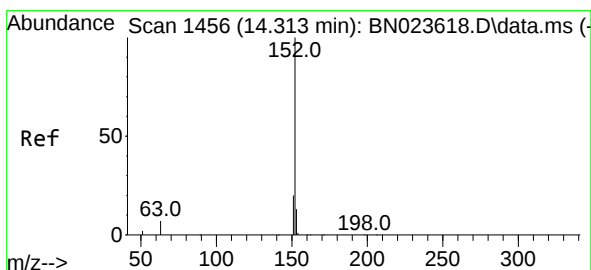
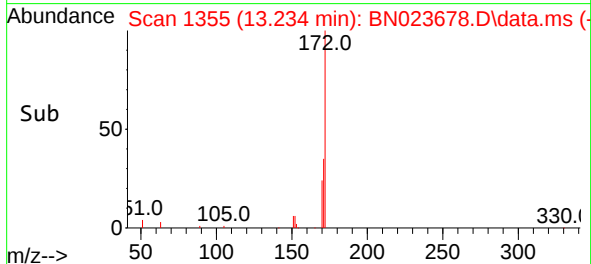
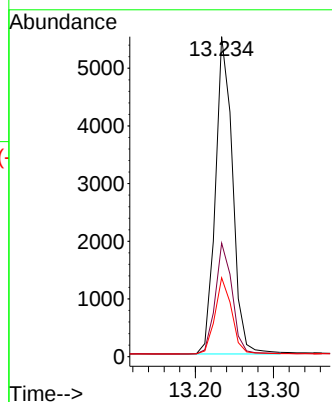
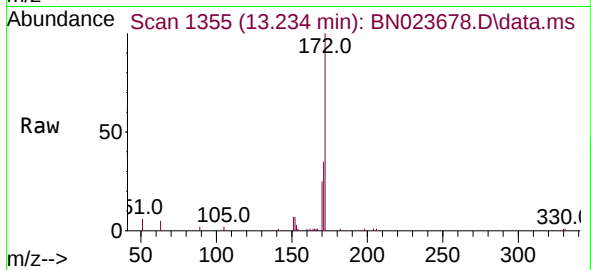
Tgt Ion:172 Resp: 8444

Ion Ratio Lower Upper

172 100

171 35.5 28.0 42.0

170 24.6 19.0 28.4



#16

Acenaphthylene

Concen: 0.094 ng

RT: 14.335 min Scan# 1458

Delta R.T. 0.011 min

Lab File: BN023678.D

Acq: 17 Jan 2023 12:36

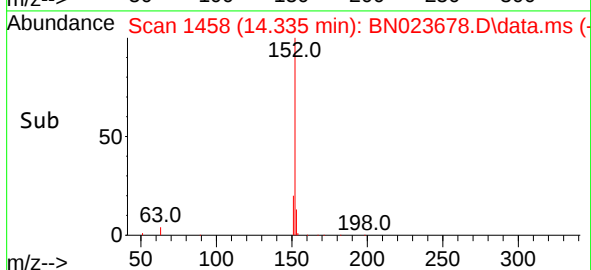
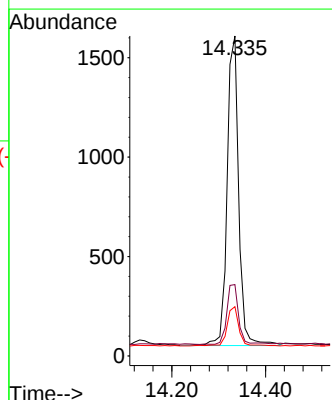
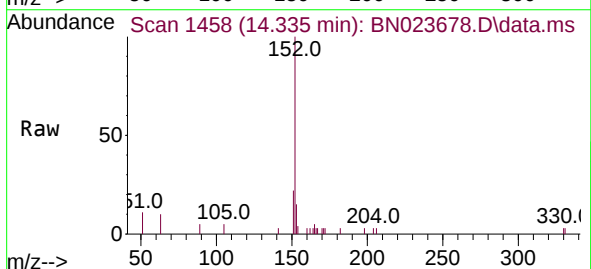
Tgt Ion:152 Resp: 2666

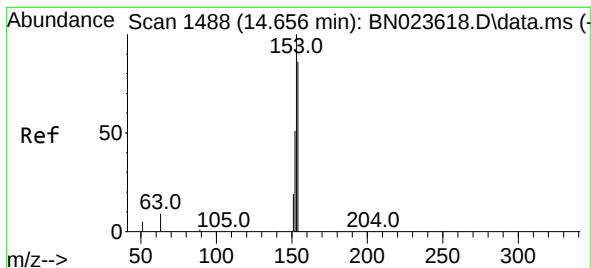
Ion Ratio Lower Upper

152 100

151 20.0 15.6 23.4

153 12.8 10.5 15.7





#17

Acenaphthene

Concen: 0.100 ng

RT: 14.677 min Scan# 14

Delta R.T. 0.011 min

Lab File: BN023678.D

Acq: 17 Jan 2023 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

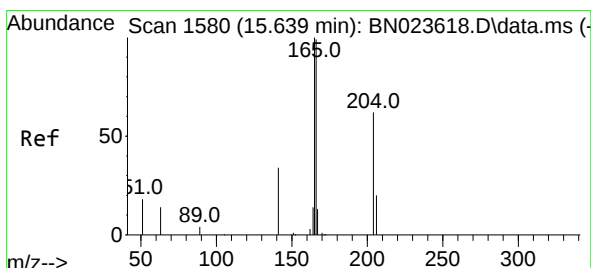
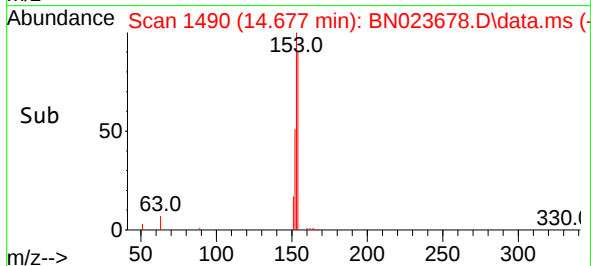
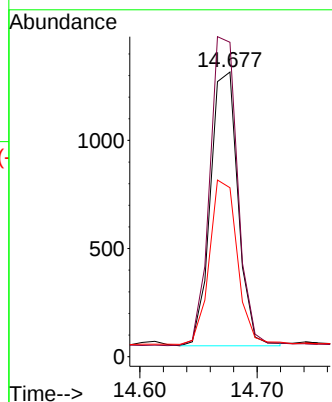
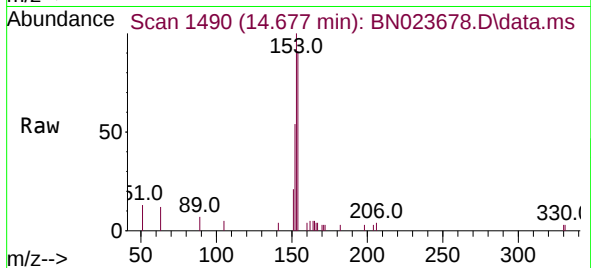
Tgt Ion:154 Resp: 2078

Ion Ratio Lower Upper

154 100

153 115.1 92.4 138.6

152 61.7 48.2 72.2



#18

Fluorene

Concen: 0.098 ng

RT: 15.660 min Scan# 1582

Delta R.T. 0.011 min

Lab File: BN023678.D

Acq: 17 Jan 2023 12:36

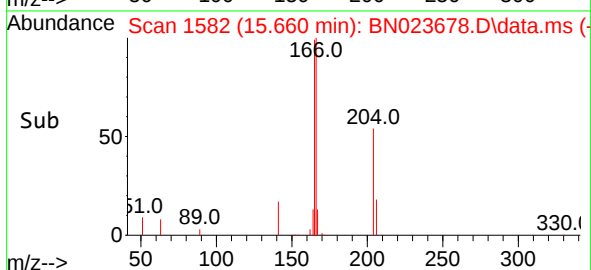
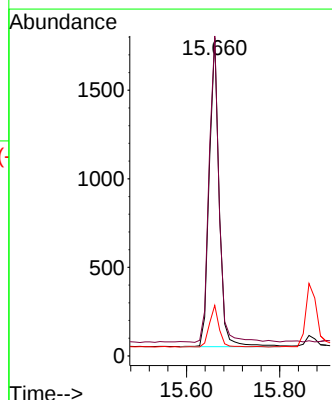
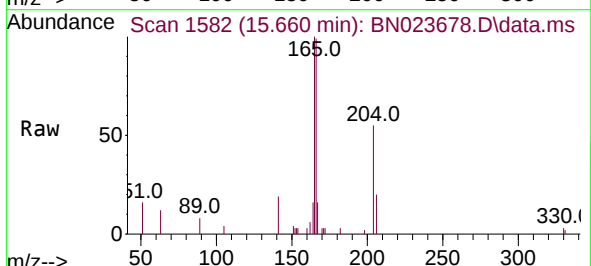
Tgt Ion:166 Resp: 2727

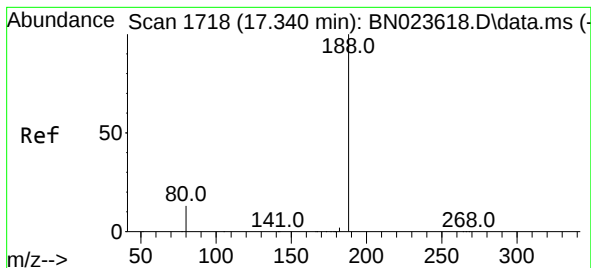
Ion Ratio Lower Upper

166 100

165 100.7 80.4 120.6

167 13.2 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.365 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN023678.D

Acq: 17 Jan 2023 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

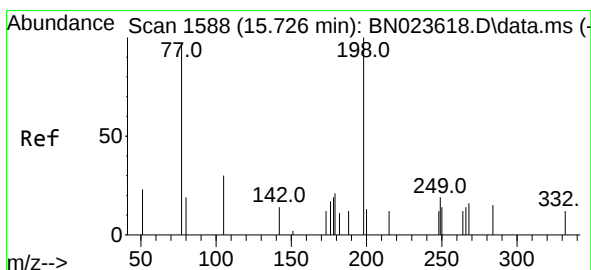
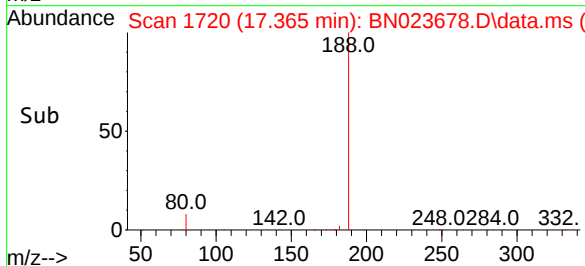
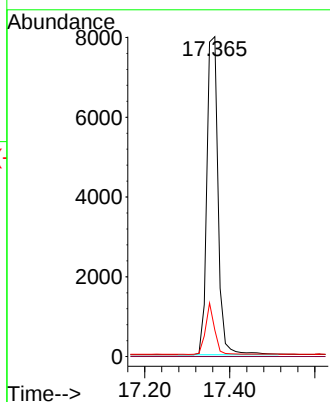
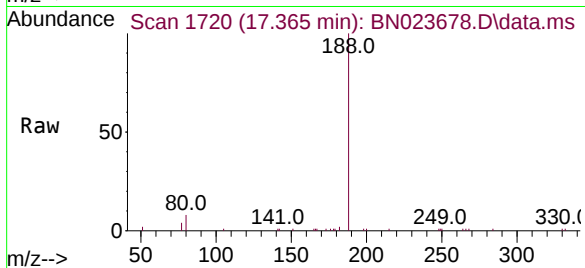
Tgt Ion:188 Resp: 14580

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.3 11.0 16.4#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.085 ng

RT: 15.739 min Scan# 1589

Delta R.T. 0.012 min

Lab File: BN023678.D

Acq: 17 Jan 2023 12:36

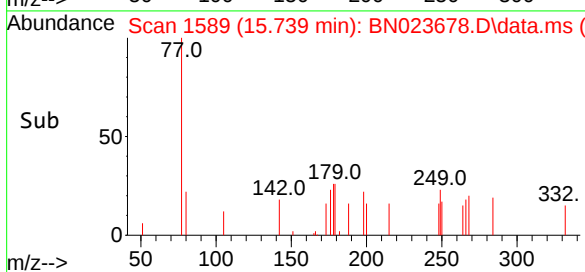
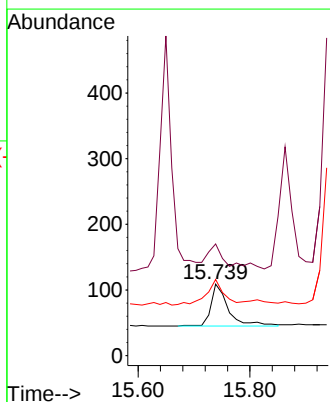
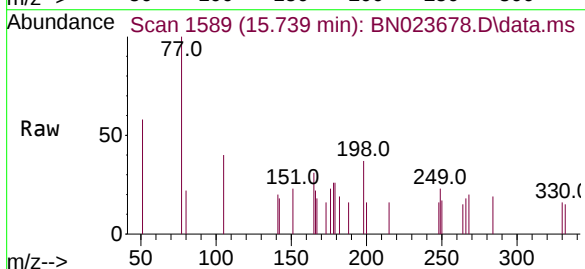
Tgt Ion:198 Resp: 135

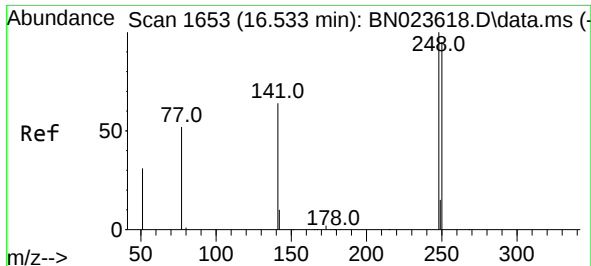
Ion Ratio Lower Upper

198 100

51 156.0 44.9 67.3#

105 106.4 37.0 55.4#

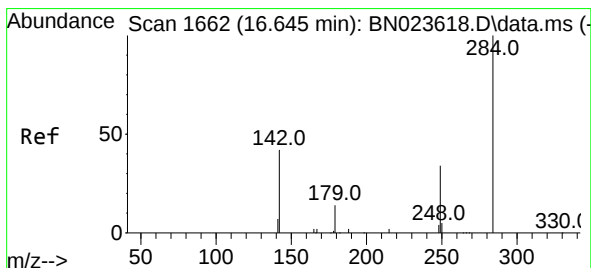
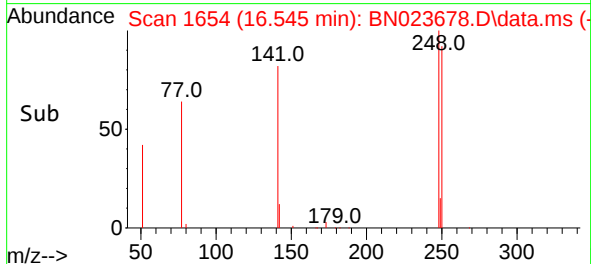
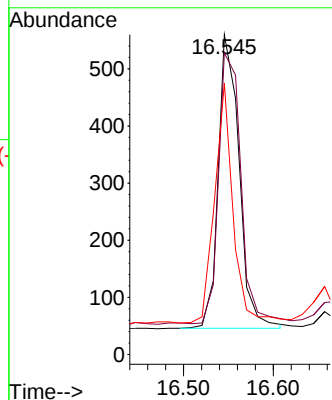
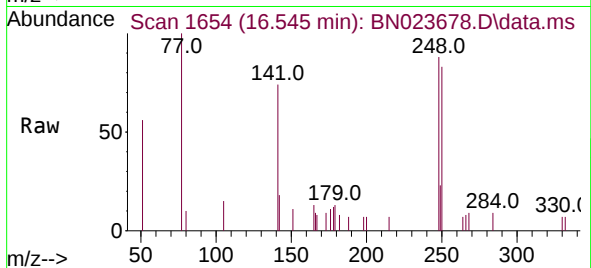




#21
4-Bromophenyl-phenylether
Concen: 0.100 ng
RT: 16.545 min Scan# 1654
Delta R.T. -0.000 min
Lab File: BN023678.D
Acq: 17 Jan 2023 12:36

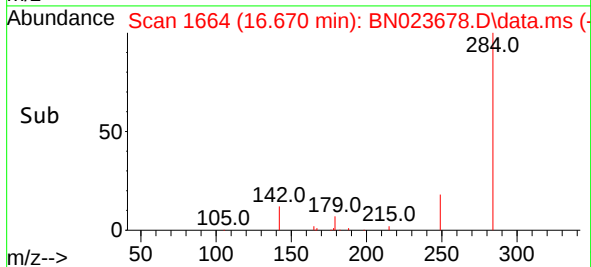
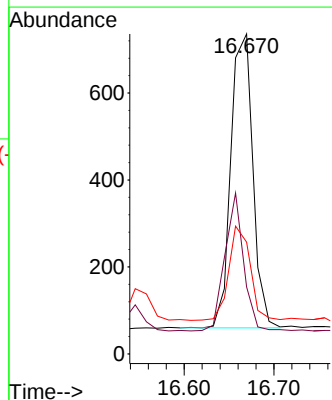
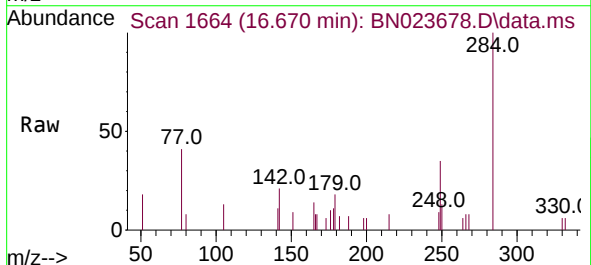
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

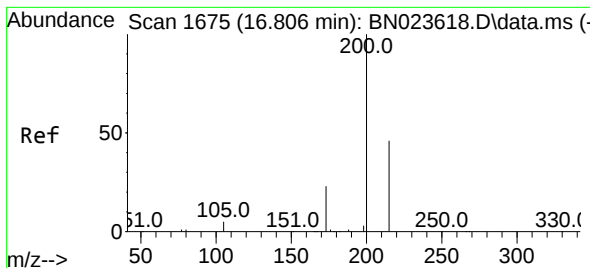
Tgt Ion:248 Resp: 830
Ion Ratio Lower Upper
248 100
250 94.3 76.6 114.8
141 84.8 52.3 78.5#



#22
Hexachlorobenzene
Concen: 0.111 ng
RT: 16.670 min Scan# 1664
Delta R.T. 0.012 min
Lab File: BN023678.D
Acq: 17 Jan 2023 12:36

Tgt Ion:284 Resp: 1153
Ion Ratio Lower Upper
284 100
142 39.8 31.4 47.2
249 31.2 24.9 37.3





#23

Atrazine

Concen: 0.095 ng

RT: 16.819 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BN023678.D

Acq: 17 Jan 2023 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

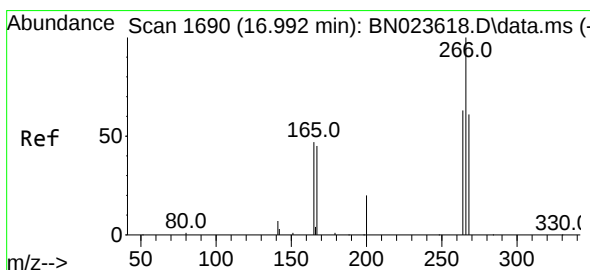
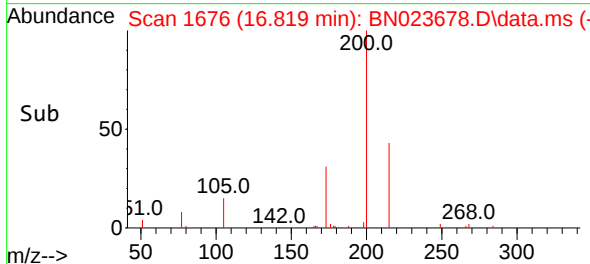
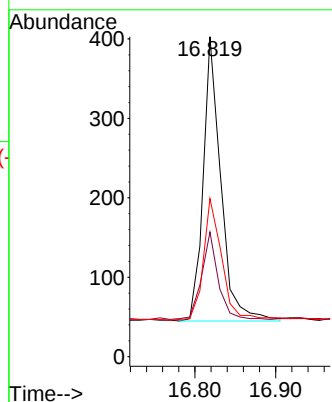
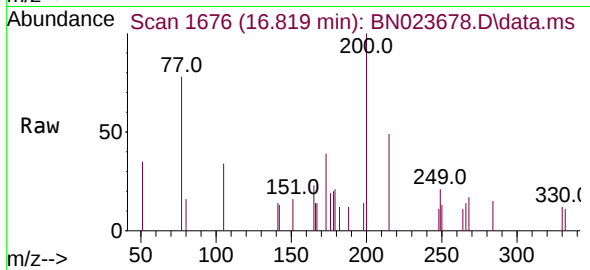
Tgt Ion:200 Resp: 544

Ion Ratio Lower Upper

200 100

173 39.0 20.4 30.6#

215 49.4 38.1 57.1



#24

Pentachlorophenol

Concen: 0.089 ng

RT: 17.017 min Scan# 1692

Delta R.T. 0.012 min

Lab File: BN023678.D

Acq: 17 Jan 2023 12:36

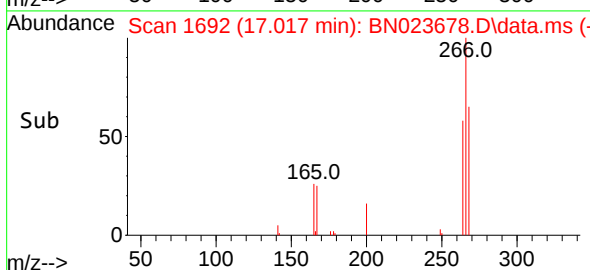
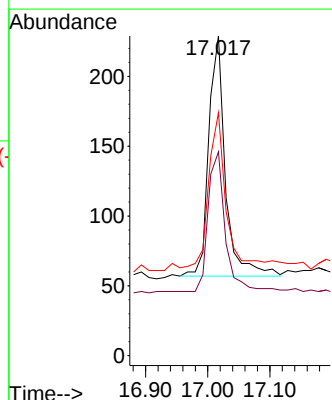
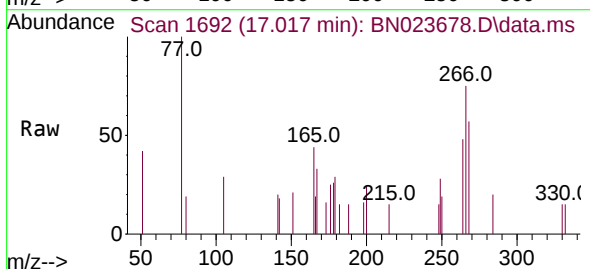
Tgt Ion:266 Resp: 321

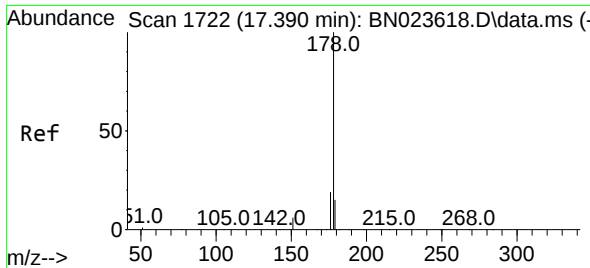
Ion Ratio Lower Upper

266 100

264 59.8 49.7 74.5

268 73.2 49.3 73.9

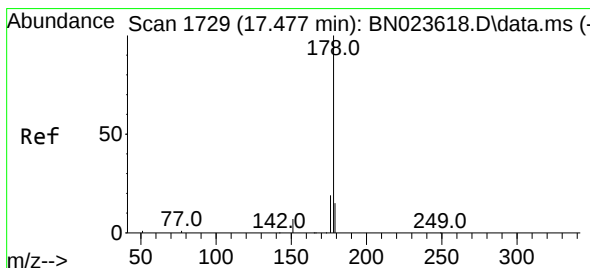
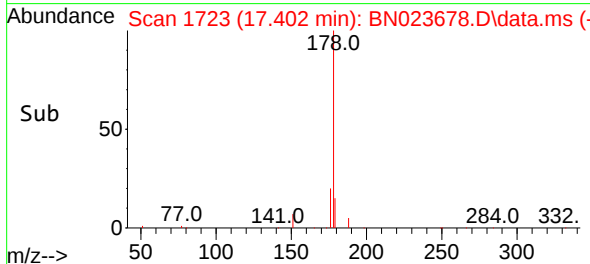
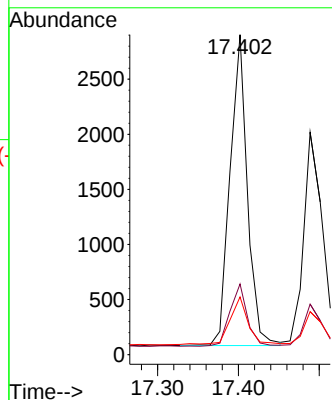
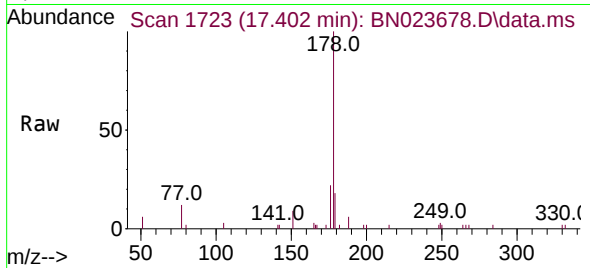




#25
Phenanthrene
Concen: 0.099 ng
RT: 17.402 min Scan# 1730
Delta R.T. 0.012 min
Lab File: BN023678.D
Acq: 17 Jan 2023 12:36

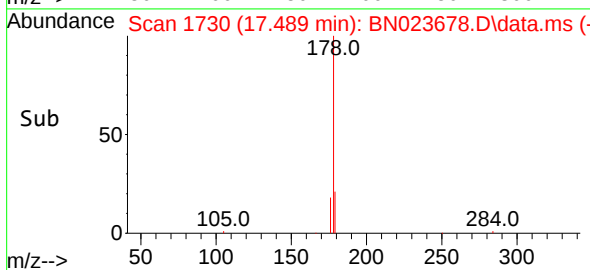
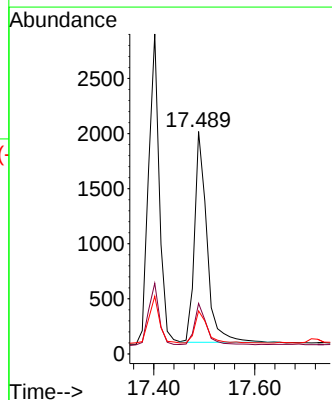
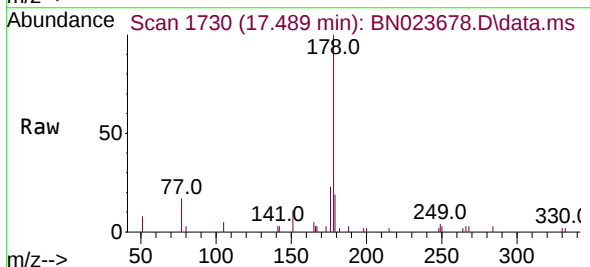
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

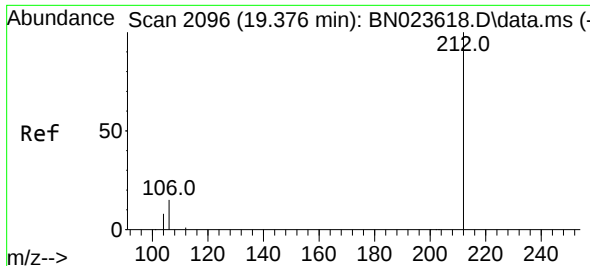
Tgt Ion:178 Resp: 4216
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 16.1 12.5 18.7



#26
Anthracene
Concen: 0.095 ng
RT: 17.489 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BN023678.D
Acq: 17 Jan 2023 12:36

Tgt Ion:178 Resp: 3241
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.6 12.2 18.2

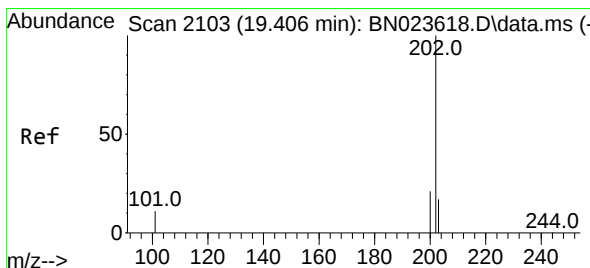
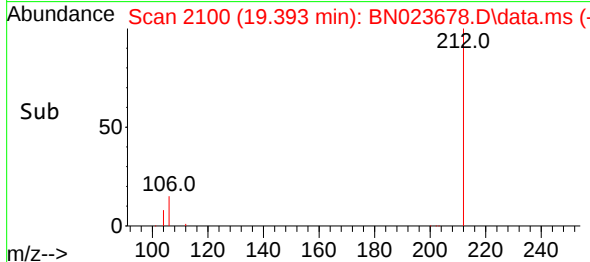
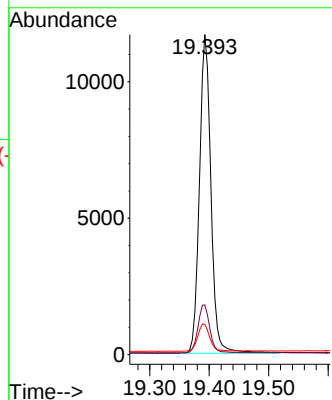
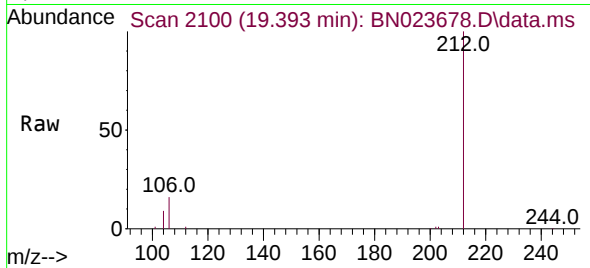




#27
Fluoranthene-d10
Concen: 0.439 ng
RT: 19.393 min Scan# 2100
Delta R.T. 0.004 min
Lab File: BN023678.D
Acq: 17 Jan 2023 12:36

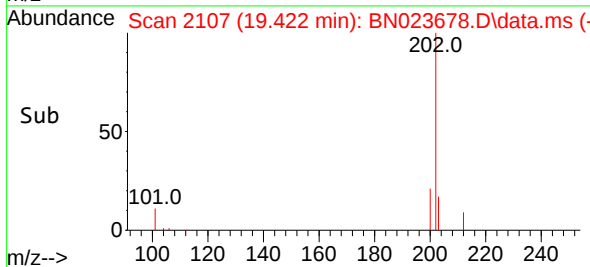
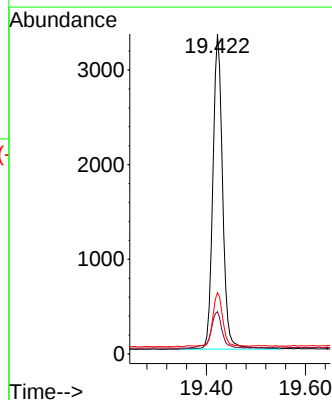
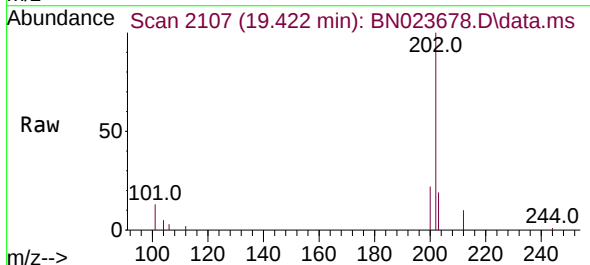
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

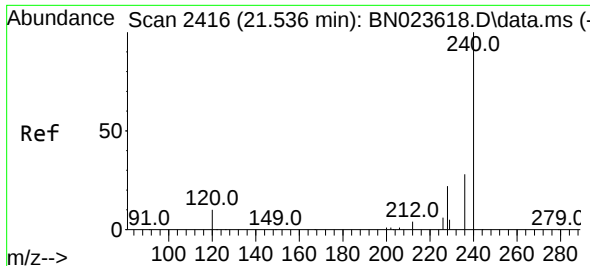
Tgt Ion:212 Resp: 15661
Ion Ratio Lower Upper
212 100
106 15.5 12.2 18.4
104 8.9 7.1 10.7



#28
Fluoranthene
Concen: 0.095 ng
RT: 19.422 min Scan# 2107
Delta R.T. 0.004 min
Lab File: BN023678.D
Acq: 17 Jan 2023 12:36

Tgt Ion:202 Resp: 4571
Ion Ratio Lower Upper
202 100
101 13.1 9.7 14.5
203 17.3 13.8 20.6

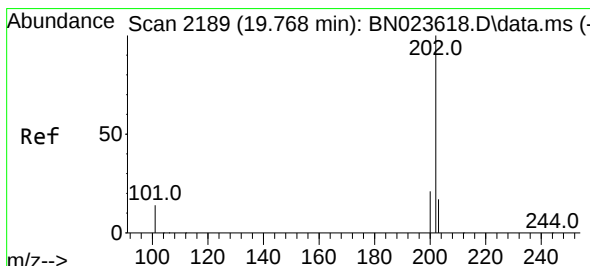
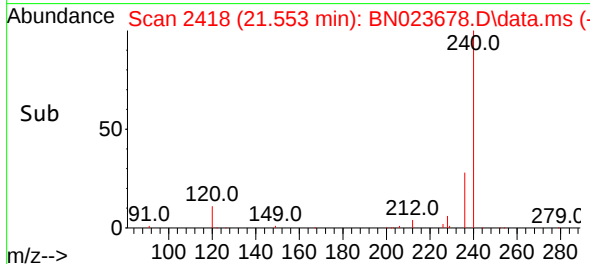
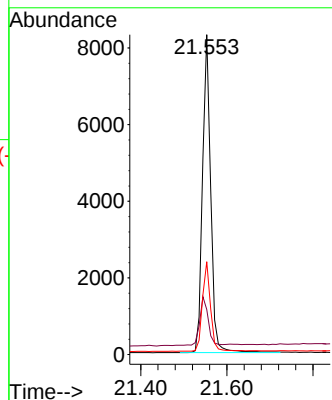
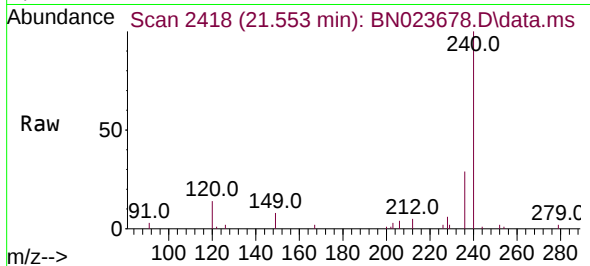




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.553 min Scan# 2416
Delta R.T. 0.009 min
Lab File: BN023678.D
Acq: 17 Jan 2023 12:36

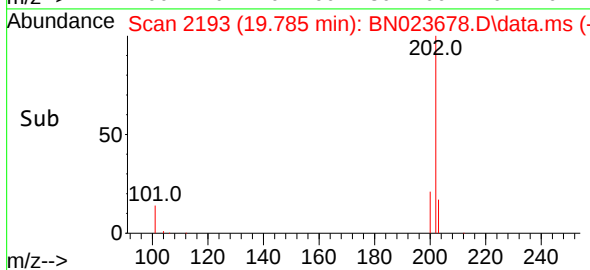
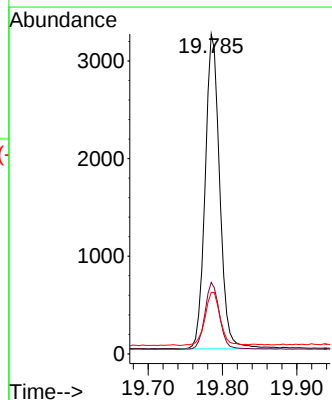
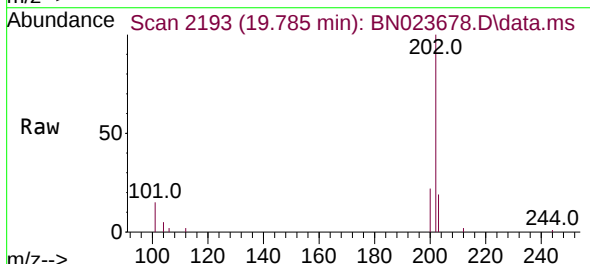
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

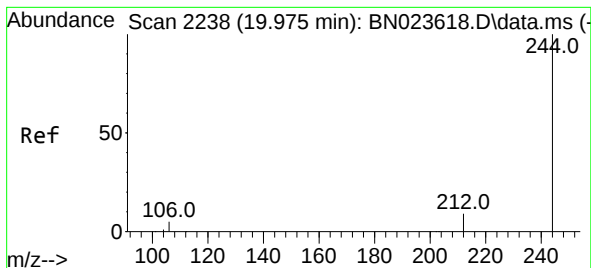
Tgt Ion:240 Resp: 10887
Ion Ratio Lower Upper
240 100
120 14.1 10.6 15.8
236 29.0 23.0 34.6



#30
Pyrene
Concen: 0.105 ng
RT: 19.785 min Scan# 2193
Delta R.T. 0.004 min
Lab File: BN023678.D
Acq: 17 Jan 2023 12:36

Tgt Ion:202 Resp: 4393
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.8 14.2 21.2





#31

Terphenyl-d14

Concen: 0.349 ng

RT: 19.991 min Scan# 21

Delta R.T. 0.008 min

Lab File: BN023678.D

Acq: 17 Jan 2023 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

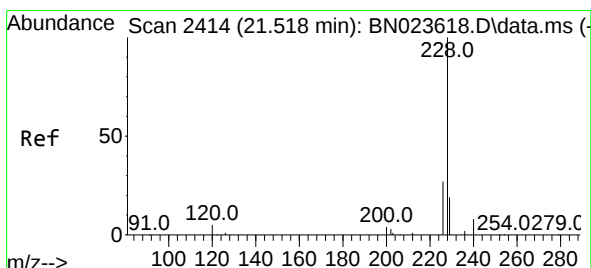
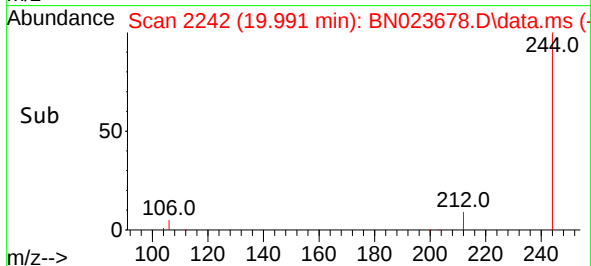
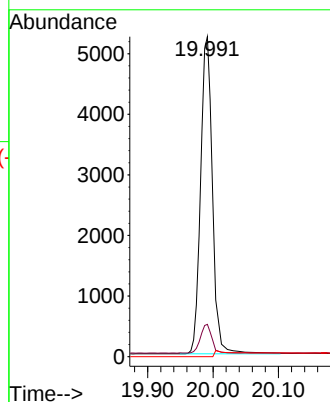
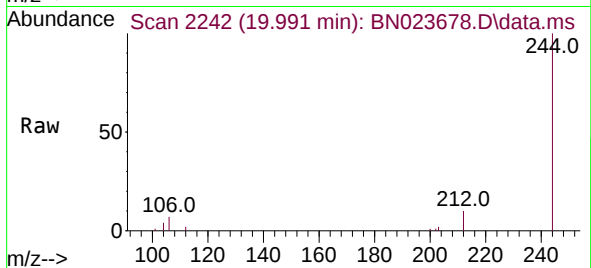
Tgt Ion:244 Resp: 9618

Ion Ratio Lower Upper

244 100

212 10.1 7.5 11.3

122 0.0 0.0 0.0



#32

Benzo(a)anthracene

Concen: 0.098 ng

RT: 21.535 min Scan# 2416

Delta R.T. 0.009 min

Lab File: BN023678.D

Acq: 17 Jan 2023 12:36

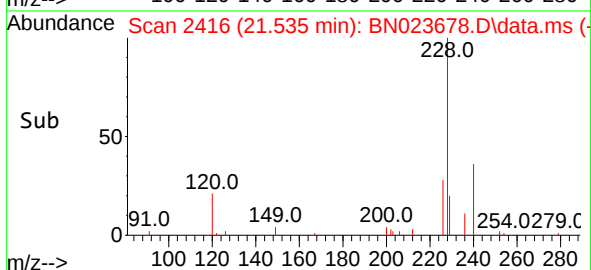
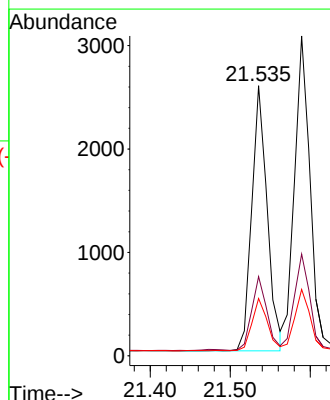
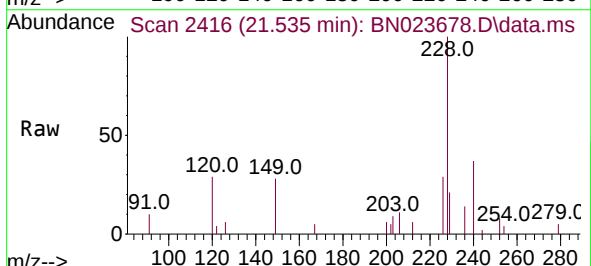
Tgt Ion:228 Resp: 3443

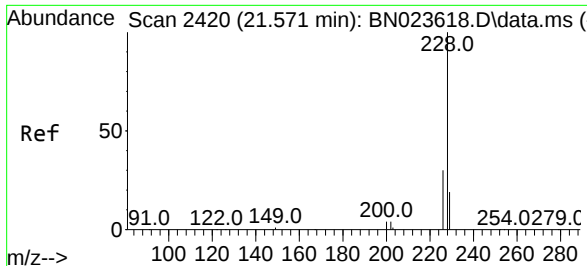
Ion Ratio Lower Upper

228 100

226 29.3 22.2 33.2

229 21.2 15.7 23.5





#33

Chrysene

Concen: 0.107 ng

RT: 21.589 min Scan# 24

Delta R.T. 0.009 min

Lab File: BN023678.D

Acq: 17 Jan 2023 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

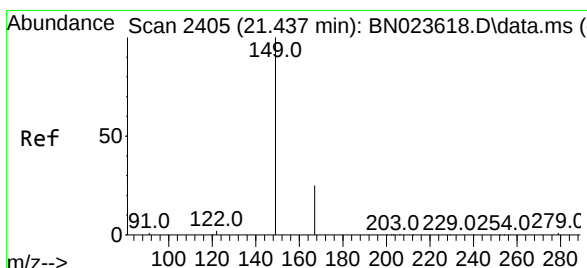
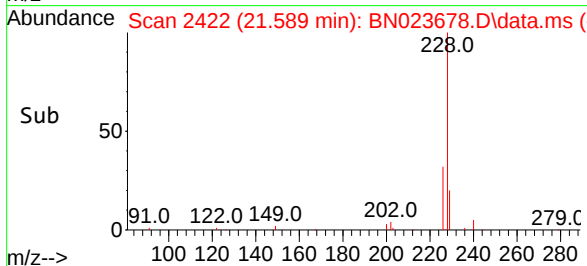
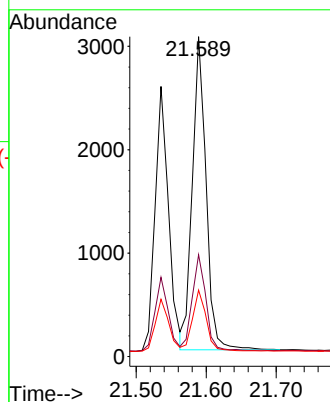
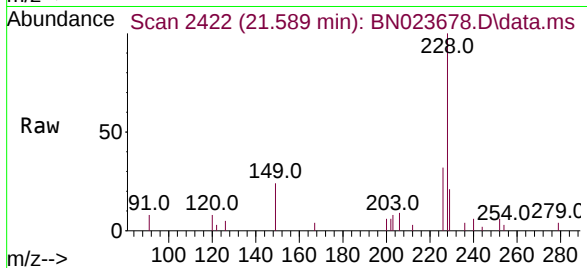
Tgt Ion:228 Resp: 4135

Ion Ratio Lower Upper

228 100

226 31.8 24.4 36.6

229 20.8 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.127 ng

RT: 21.455 min Scan# 2407

Delta R.T. -0.000 min

Lab File: BN023678.D

Acq: 17 Jan 2023 12:36

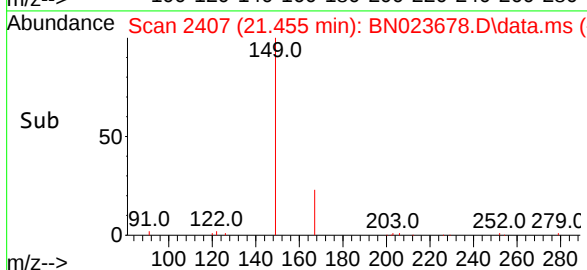
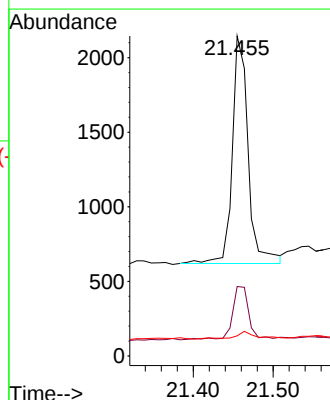
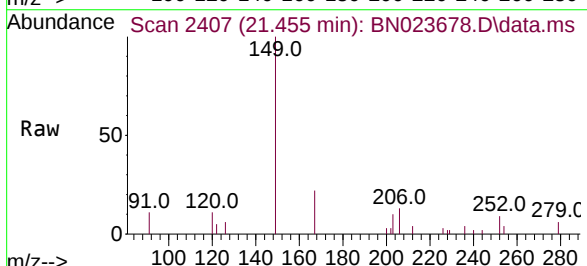
Tgt Ion:149 Resp: 2092

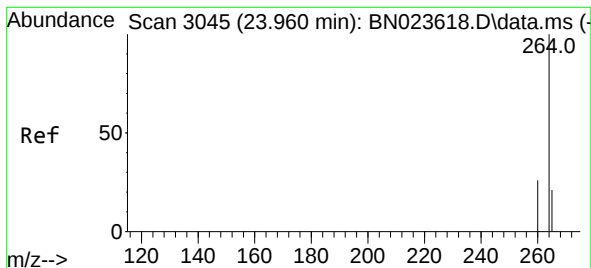
Ion Ratio Lower Upper

149 100

167 24.7 20.6 30.8

279 3.3 2.6 4.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.995 min Scan# 3045

Delta R.T. 0.012 min

Lab File: BN023678.D

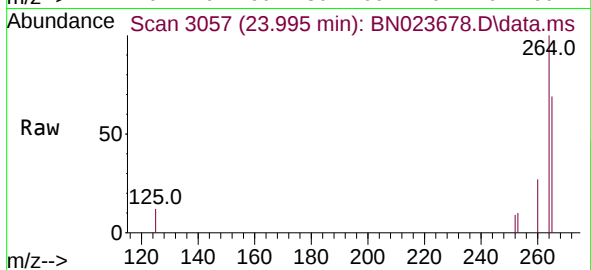
Acq: 17 Jan 2023 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2022



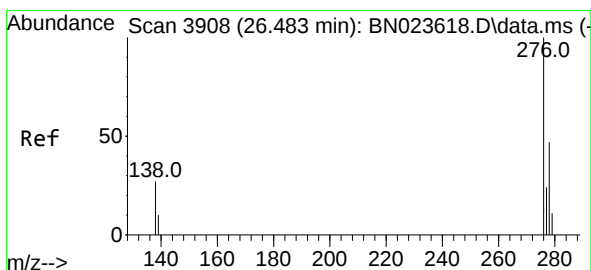
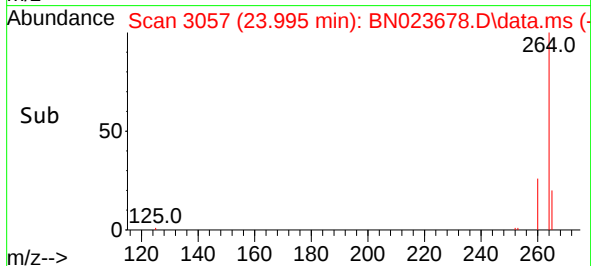
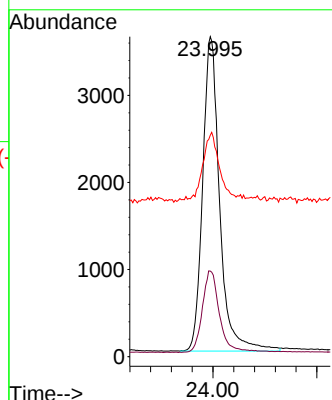
Tgt Ion:264 Resp: 8209

Ion Ratio Lower Upper

264 100

260 26.7 21.4 32.2

265 69.2 56.6 85.0



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.098 ng

RT: 26.544 min Scan# 3929

Delta R.T. 0.017 min

Lab File: BN023678.D

Acq: 17 Jan 2023 12:36

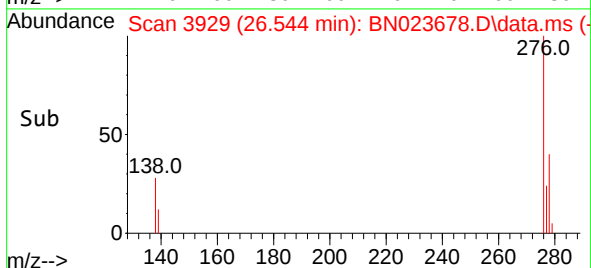
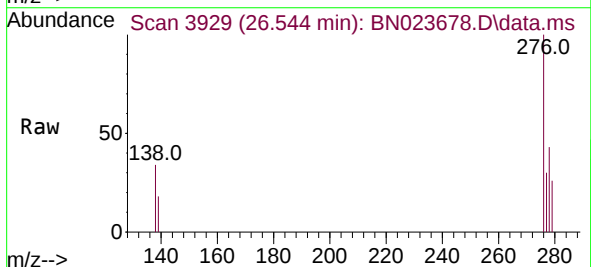
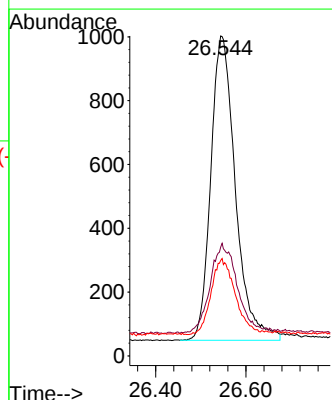
Tgt Ion:276 Resp: 3611

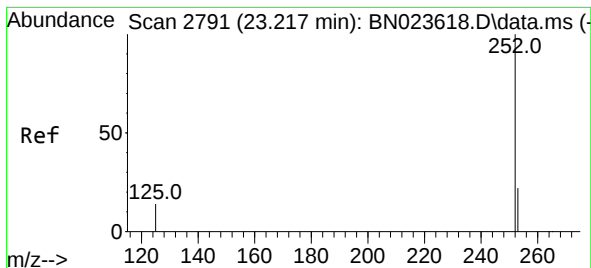
Ion Ratio Lower Upper

276 100

138 32.7 23.8 35.8

277 24.4 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.112 ng

RT: 23.246 min Scan# 2819

Delta R.T. 0.009 min

Lab File: BN023678.D

Acq: 17 Jan 2023 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

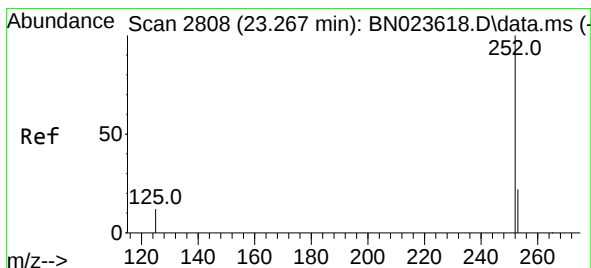
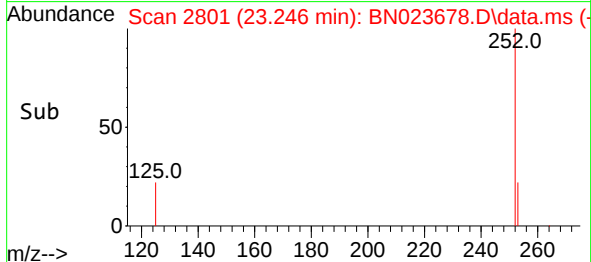
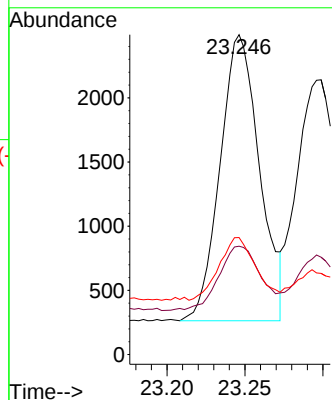
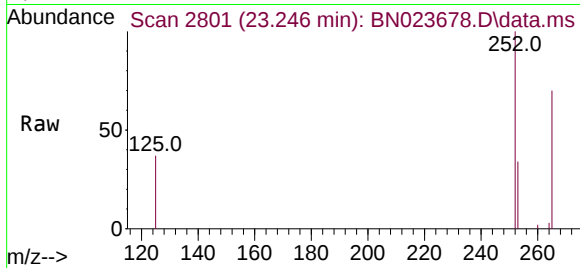
Tgt Ion:252 Resp: 3927

Ion Ratio Lower Upper

252 100

253 33.9 20.0 30.0#

125 36.6 14.4 21.6#



#38

Benzo(k)fluoranthene

Concen: 0.102 ng

RT: 23.299 min Scan# 2819

Delta R.T. 0.012 min

Lab File: BN023678.D

Acq: 17 Jan 2023 12:36

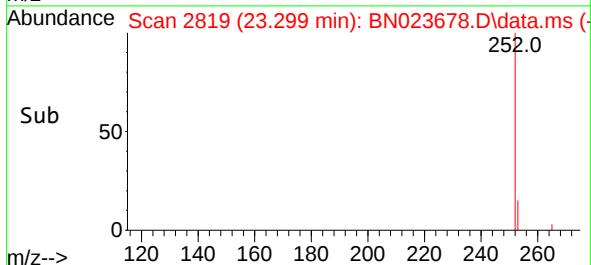
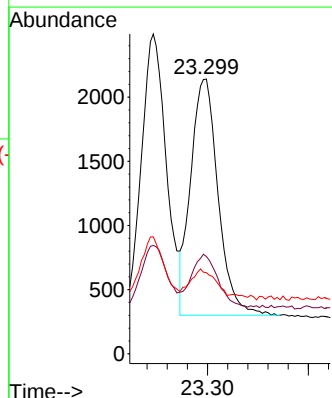
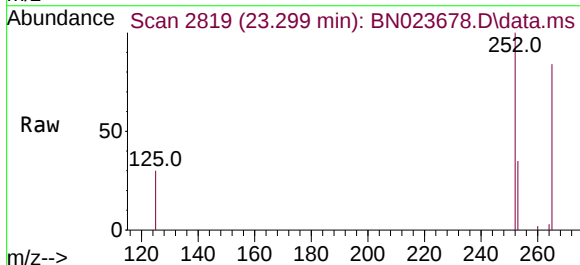
Tgt Ion:252 Resp: 3481

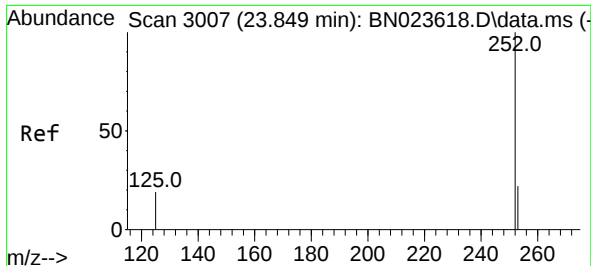
Ion Ratio Lower Upper

252 100

253 35.5 20.2 30.2#

125 29.5 13.0 19.4#





#39

Benzo(a)pyrene

Concen: 0.117 ng

RT: 23.886 min Scan# 30

Delta R.T. 0.012 min

Lab File: BN023678.D

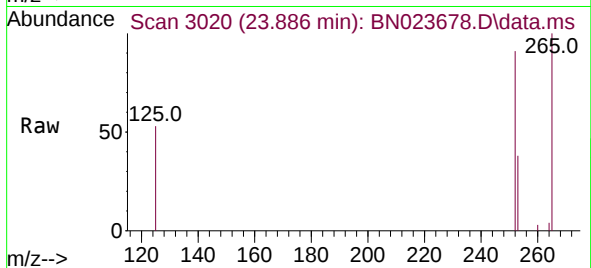
Acq: 17 Jan 2023 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2022



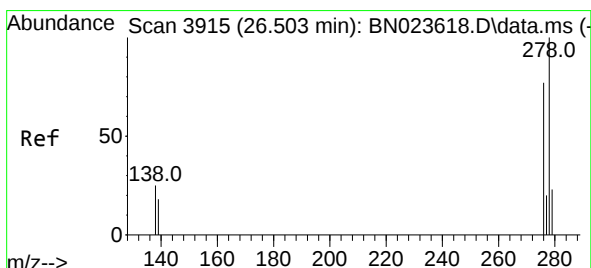
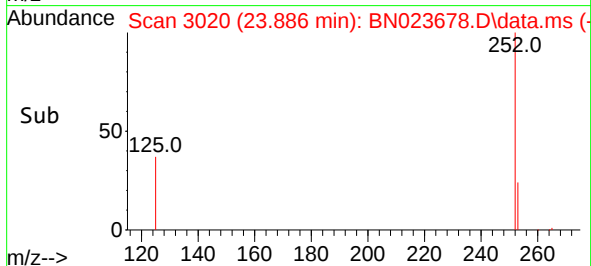
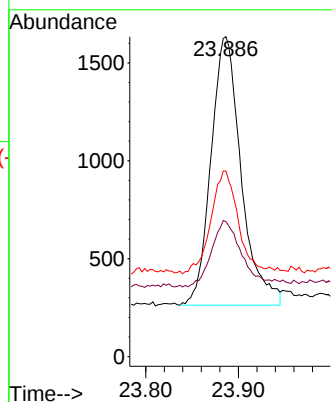
Tgt Ion:252 Resp: 3103

Ion Ratio Lower Upper

252 100

253 42.2 22.3 33.5#

125 58.0 21.2 31.8#



#40

Dibenzo(a,h)anthracene

Concen: 0.097 ng

RT: 26.570 min Scan# 3938

Delta R.T. 0.017 min

Lab File: BN023678.D

Acq: 17 Jan 2023 12:36

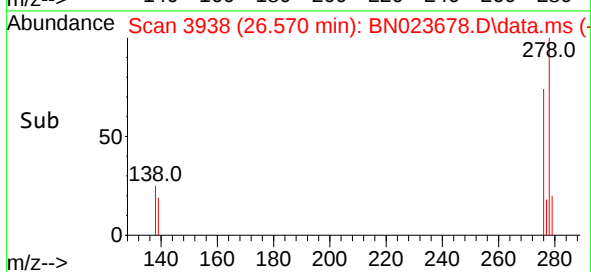
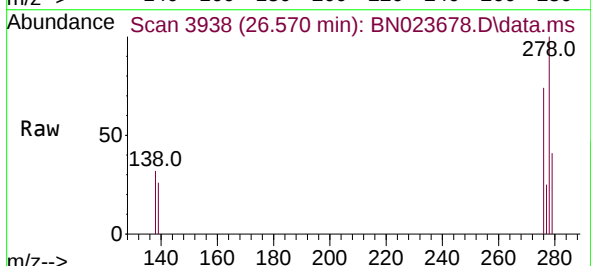
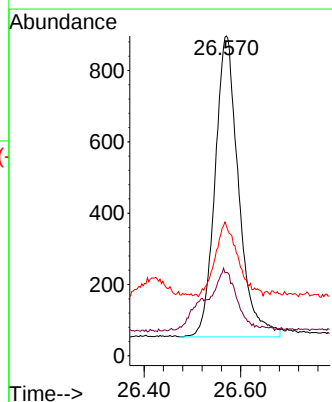
Tgt Ion:278 Resp: 2859

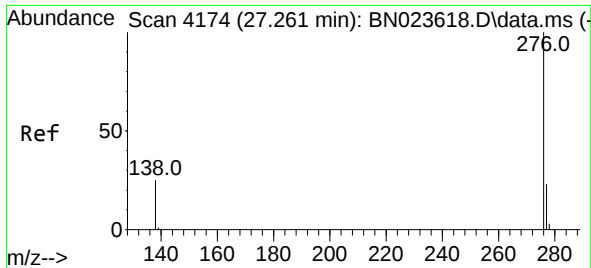
Ion Ratio Lower Upper

278 100

139 26.1 16.8 25.2#

279 40.6 21.5 32.3#





#41

Benzo(g,h,i)perylene

Concen: 0.101 ng

RT: 27.336 min Scan# 41

Delta R.T. 0.023 min

Lab File: BN023678.D

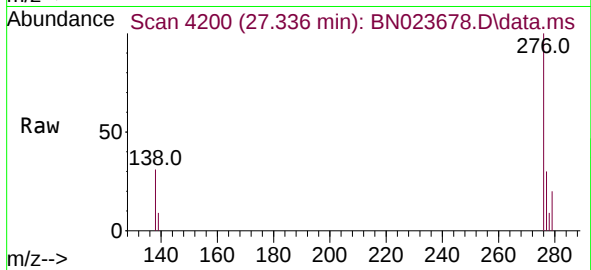
Acq: 17 Jan 2023 12:36

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion:276 Resp: 3044

Ion Ratio Lower Upper

276 100

277 29.6 19.6 29.4#

138 31.0 21.5 32.3

