

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
 Data File : BN033915.D
 Acq On : 14 Sep 2024 15:05
 Operator : JU/RC
 Sample : P3391-01
 Misc : SFAM-SIM-MDL-Q3-WATER-01
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT3-2024-05

Quant Time: Sep 15 01:58:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 01:52:43 2024
 Response via : Initial Calibration

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

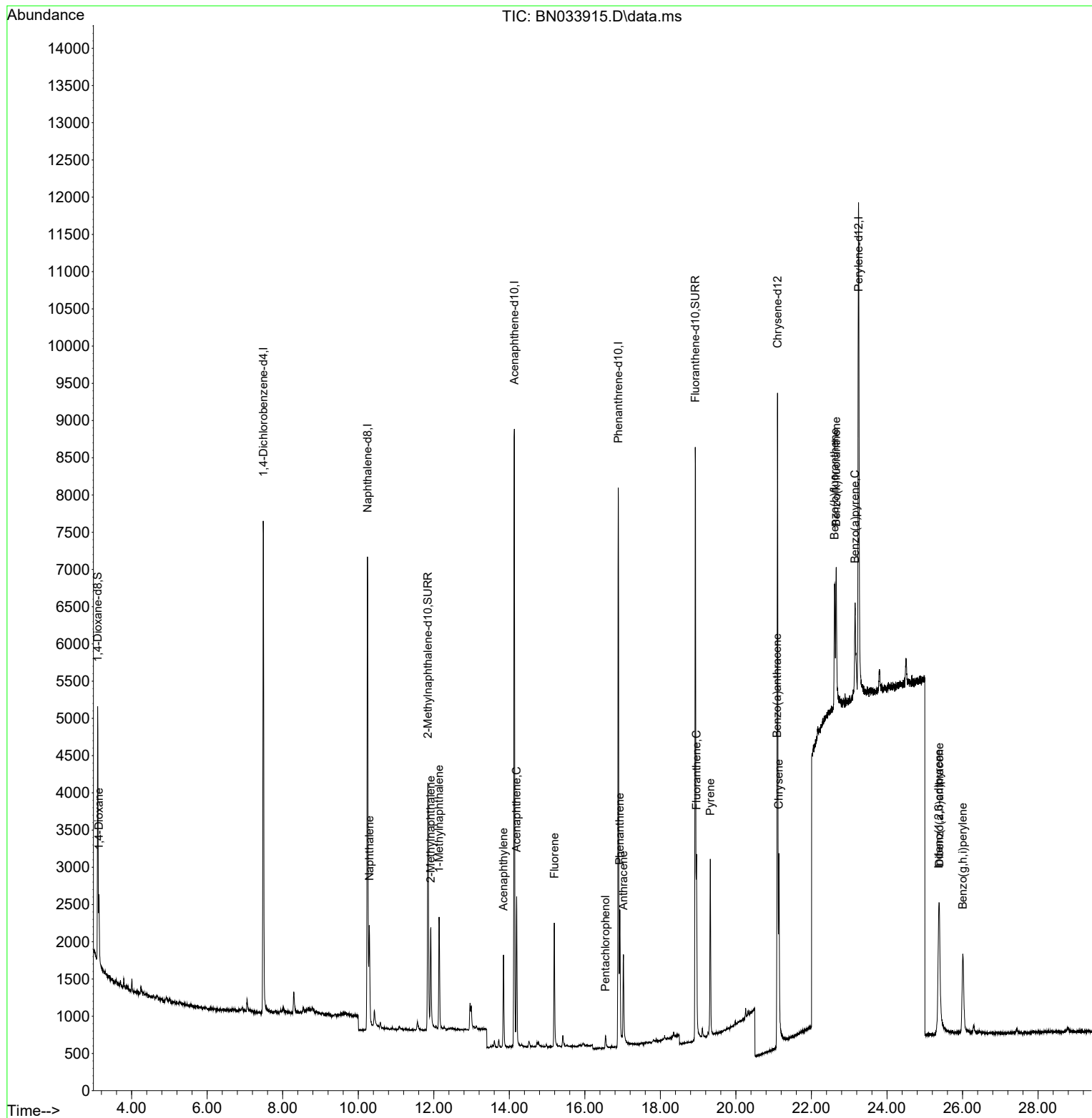
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.485	152	3473	0.400	ng/ul	0.00
4) Naphthalene-d8	10.244	136	9361	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.133	164	4729	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.885	188	9832	0.400	ng/ul	0.00
17) Chrysene-d12	21.103	240	8241	0.400	ng/ul	0.00
23) Perylene-d12	23.248	264	9430	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	2022	0.566	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.845	152	5162	0.384	ng/ul	0.00
18) Fluoranthene-d10	18.924	212	9598	0.391	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.135	88	619	0.156	ng/ul#	83
5) Naphthalene	10.294	128	1818	0.073	ng/ul#	89
7) 2-Methylnaphthalene	11.922	142	1092	0.069	ng/ul	99
8) 1-Methylnaphthalene	12.142	142	1125	0.069	ng/ul	100
10) Acenaphthylene	13.846	152	1519	0.071	ng/ul#	89
11) Acenaphthene	14.193	153	1163	0.075	ng/ul	96
12) Fluorene	15.192	166	1186	0.068	ng/ul#	95
14) Pentachlorophenol	16.547	266	175	0.057	ng/ul	93
15) Phenanthrene	16.927	178	1795	0.062	ng/ul#	91
16) Anthracene	17.020	178	1507	0.058	ng/ul#	85
19) Fluoranthene	18.957	202	2118	0.065	ng/ul#	93
20) Pyrene	19.324	202	2170	0.063	ng/ul#	92
21) Benzo(a)anthracene	21.089	228	1919	0.059	ng/ul#	93
22) Chrysene	21.138	228	2279	0.070	ng/ul	94
24) Benzo(b)fluoranthene	22.614	252	2189	0.060	ng/ul#	44
25) Benzo(k)fluoranthene	22.658	252	2351	0.064	ng/ul#	43
26) Benzo(a)pyrene	23.152	252	2005	0.068	ng/ul#	32
27) Indeno(1,2,3-cd)pyrene	25.368	276	2793	0.063	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.388	278	2141	0.062	ng/ul#	54
29) Benzo(g,h,i)perylene	26.008	276	2339	0.068	ng/ul#	85

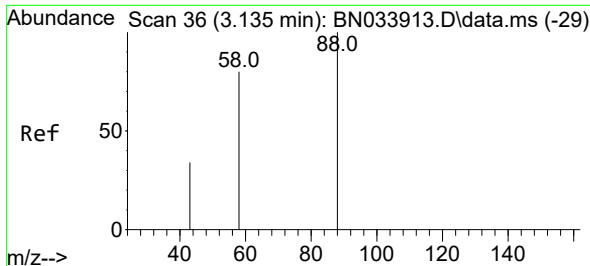
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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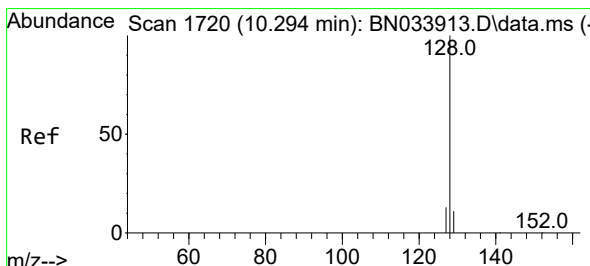
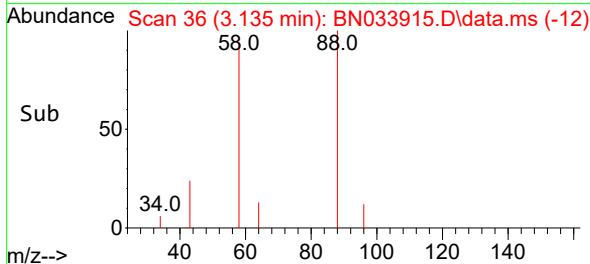
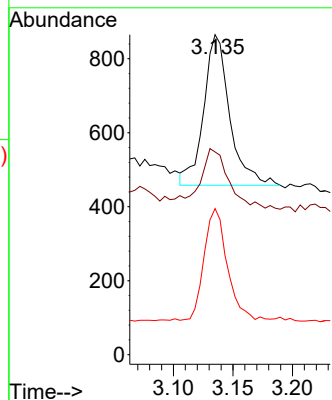
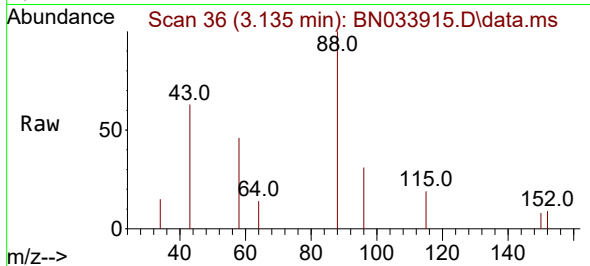




#2
1,4-Dioxane
Concen: 0.156 ng/ul
RT: 3.135 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

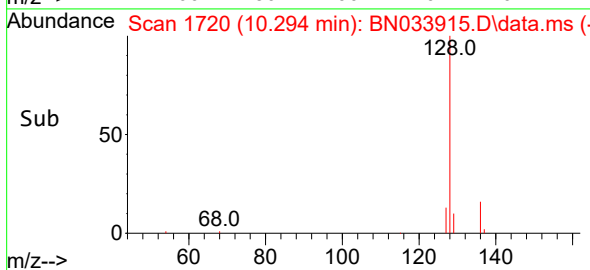
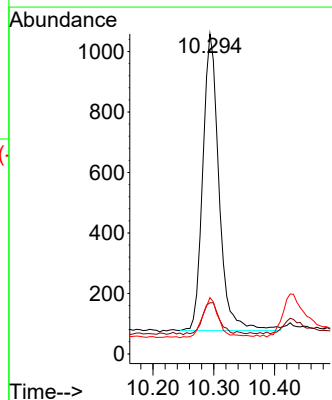
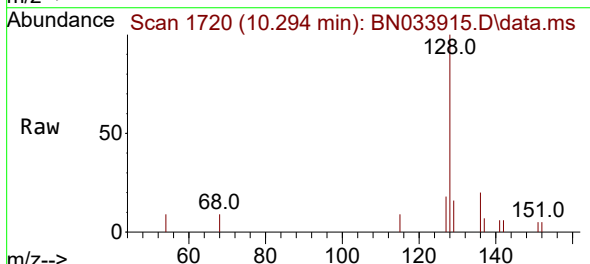
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2024-05

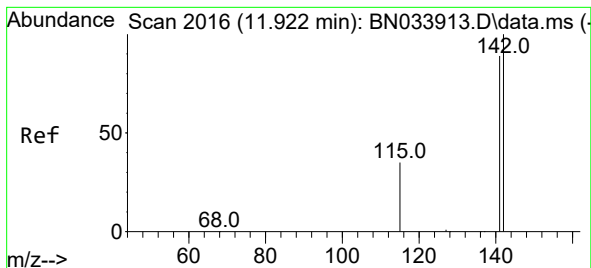
Tgt Ion: 88 Resp: 619
Ion Ratio Lower Upper
88 100
43 63.4 47.0 70.4
58 45.7 53.0 79.4#



#5
Naphthalene
Concen: 0.073 ng/ul
RT: 10.294 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

Tgt Ion: 128 Resp: 1818
Ion Ratio Lower Upper
128 100
129 16.0 9.3 13.9#
127 17.6 10.8 16.2#





#7

2-Methylnaphthalene

Concen: 0.069 ng/ul

RT: 11.922 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BN033915.D

Acq: 14 Sep 2024 15:05

Instrument :

BNA_N

ClientSampleId :

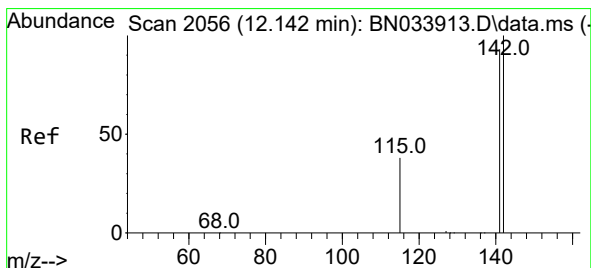
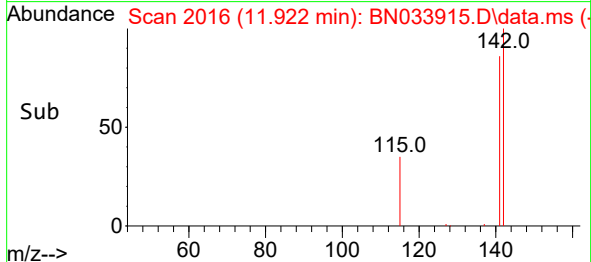
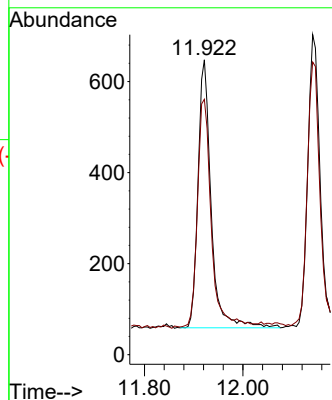
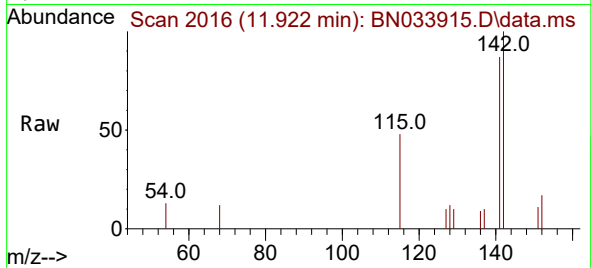
MDL-WATER-QT3-2024-05

Tgt Ion:142 Resp: 1092

Ion Ratio Lower Upper

142 100

141 90.1 71.1 106.7



#8

1-Methylnaphthalene

Concen: 0.069 ng/ul

RT: 12.142 min Scan# 2056

Delta R.T. -0.000 min

Lab File: BN033915.D

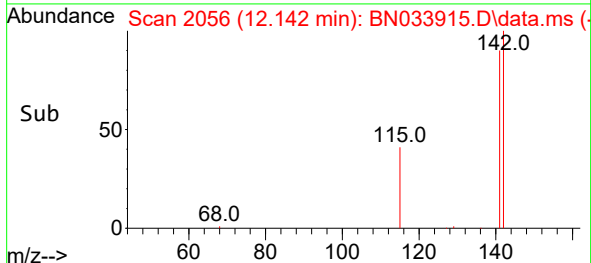
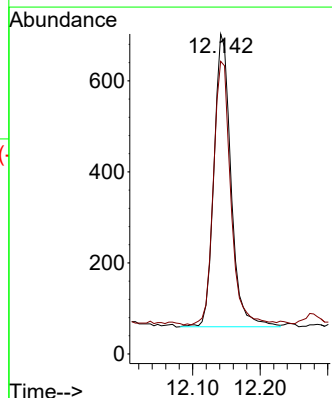
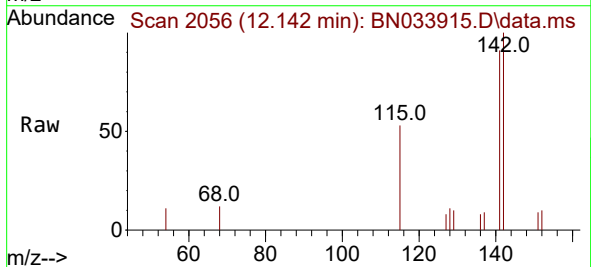
Acq: 14 Sep 2024 15:05

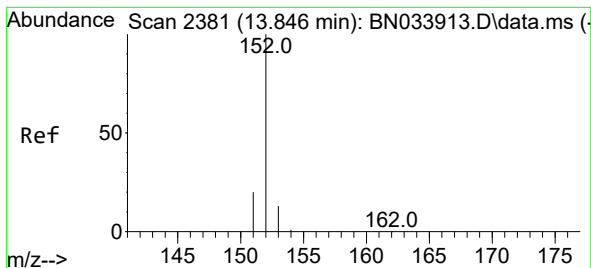
Tgt Ion:142 Resp: 1125

Ion Ratio Lower Upper

142 100

141 91.8 73.6 110.4





#10

Acenaphthylene

Concen: 0.071 ng/ul

RT: 13.846 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN033915.D

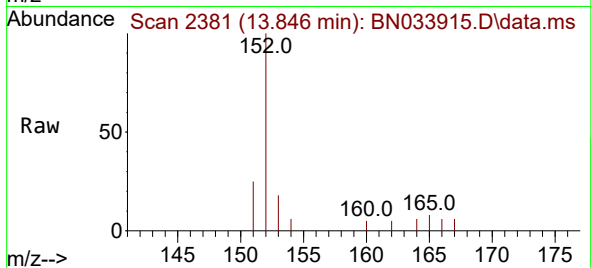
Acq: 14 Sep 2024 15:05

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT3-2024-05



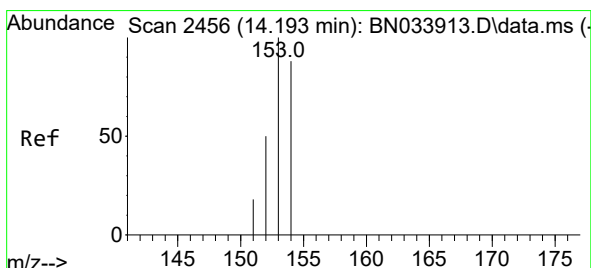
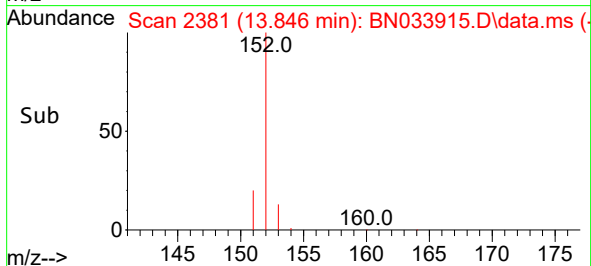
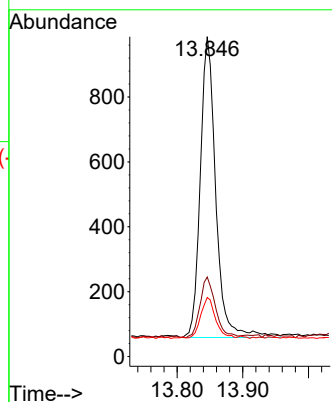
Tgt Ion:152 Resp: 1519

Ion Ratio Lower Upper

152 100

151 24.8 16.2 24.4#

153 18.5 10.8 16.2#



#11

Acenaphthene

Concen: 0.075 ng/ul

RT: 14.193 min Scan# 2456

Delta R.T. -0.000 min

Lab File: BN033915.D

Acq: 14 Sep 2024 15:05

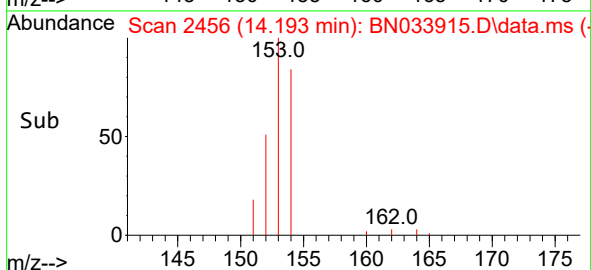
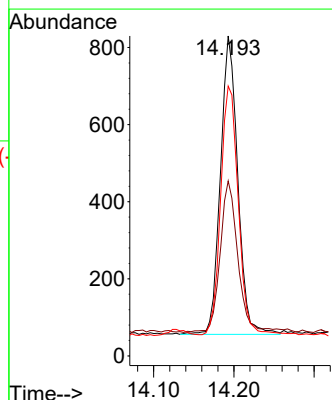
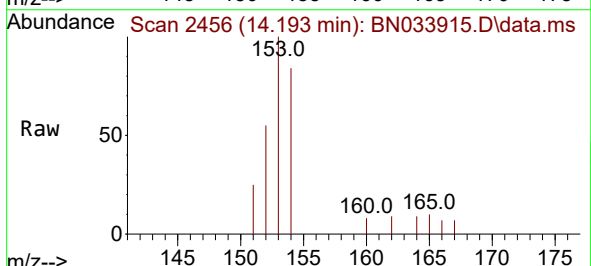
Tgt Ion:153 Resp: 1163

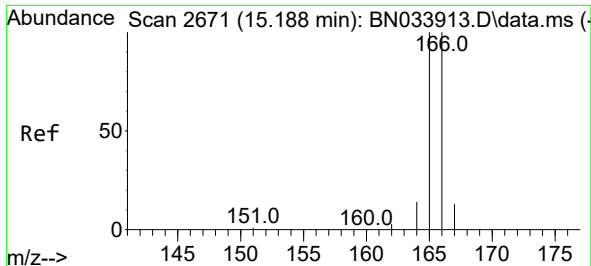
Ion Ratio Lower Upper

153 100

152 54.7 39.8 59.8

154 84.3 69.0 103.6

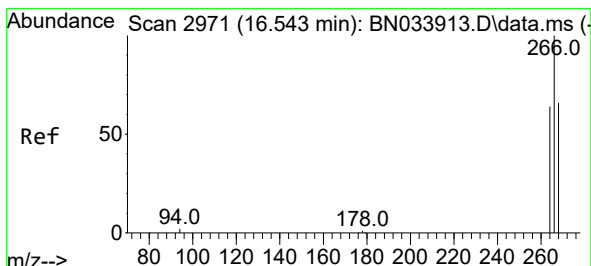
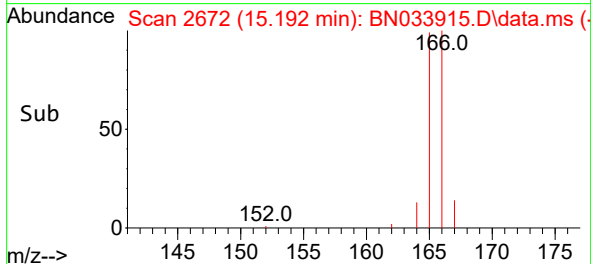
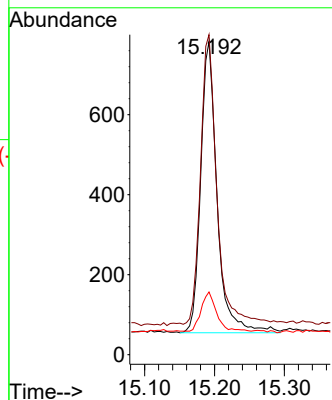
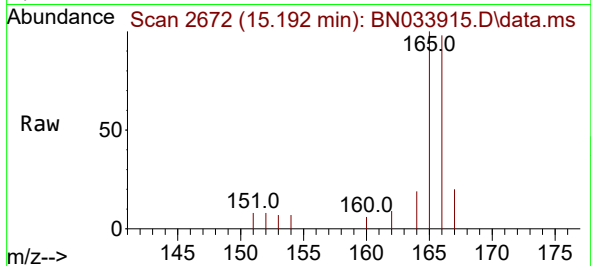




#12
Fluorene
Concen: 0.068 ng/ul
RT: 15.192 min Scan# 2672
Delta R.T. 0.004 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

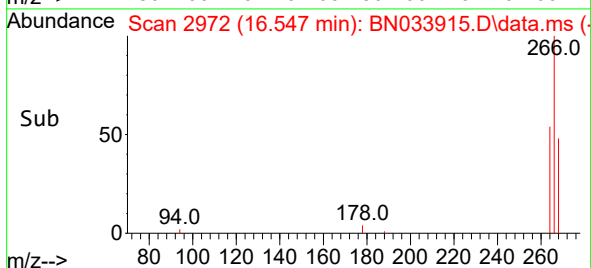
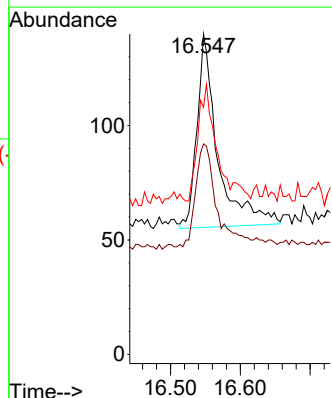
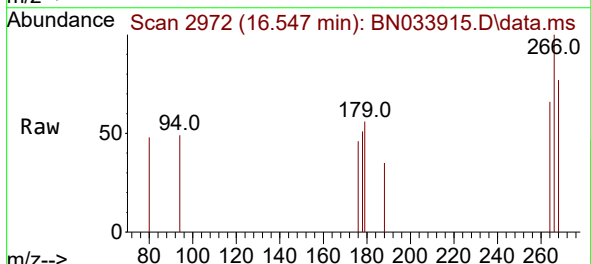
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2024-05

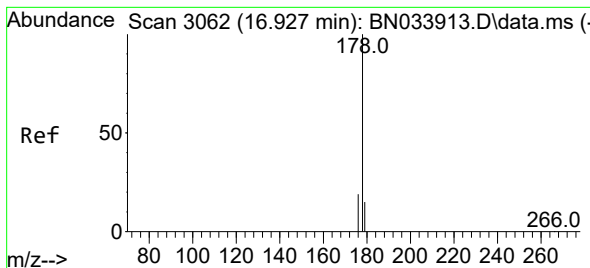
Tgt Ion:166 Resp: 1186
Ion Ratio Lower Upper
166 100
165 102.2 79.1 118.7
167 20.1 11.4 17.0#



#14
Pentachlorophenol
Concen: 0.057 ng/ul
RT: 16.547 min Scan# 2972
Delta R.T. 0.004 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

Tgt Ion:266 Resp: 175
Ion Ratio Lower Upper
266 100
264 58.9 50.3 75.5
268 57.7 51.7 77.5





#15

Phenanthrene

Concen: 0.062 ng/ul

RT: 16.927 min Scan# 3062

Delta R.T. -0.000 min

Lab File: BN033915.D

Acq: 14 Sep 2024 15:05

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT3-2024-05

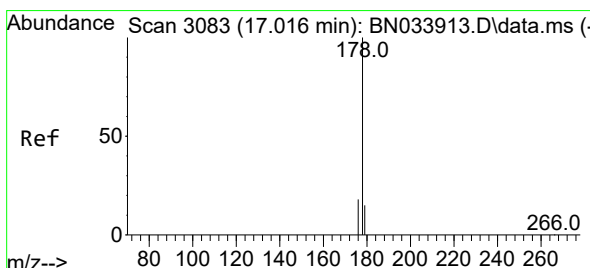
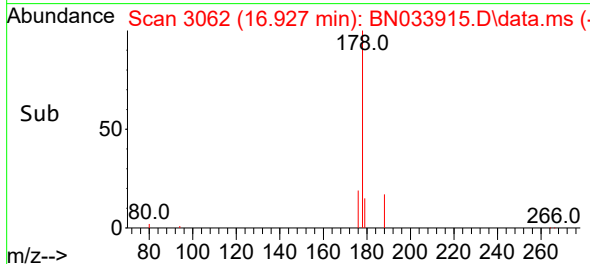
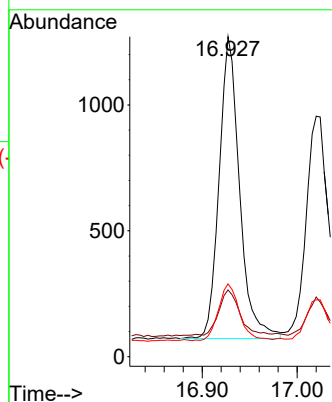
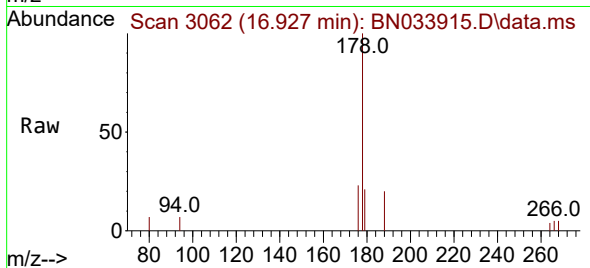
Tgt Ion:178 Resp: 1795

Ion Ratio Lower Upper

178 100

179 20.8 12.9 19.3#

176 22.7 15.7 23.5



#16

Anthracene

Concen: 0.058 ng/ul

RT: 17.020 min Scan# 3084

Delta R.T. 0.004 min

Lab File: BN033915.D

Acq: 14 Sep 2024 15:05

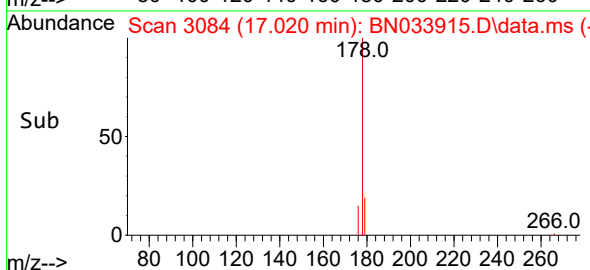
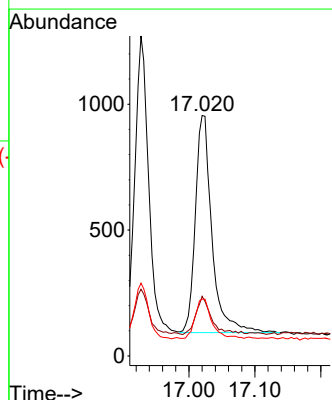
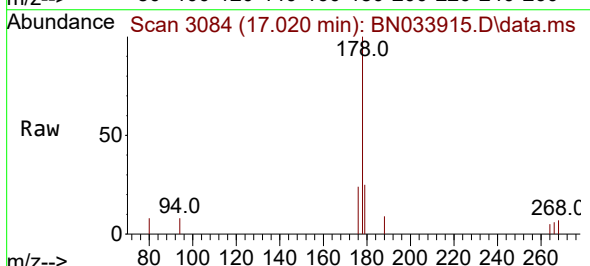
Tgt Ion:178 Resp: 1507

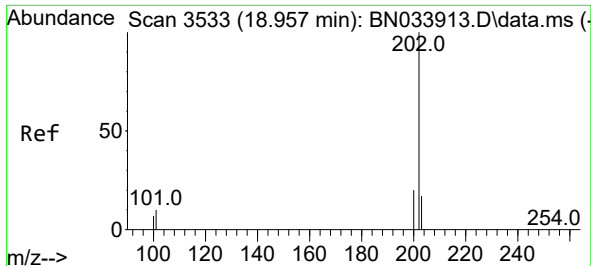
Ion Ratio Lower Upper

178 100

179 24.8 13.0 19.4#

176 23.7 15.2 22.8#

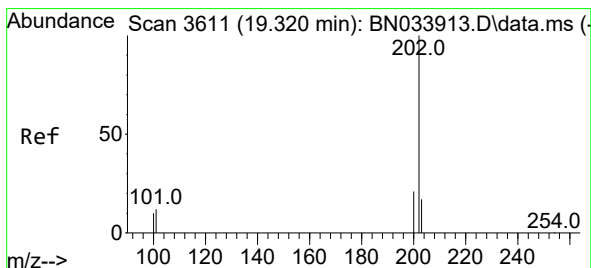
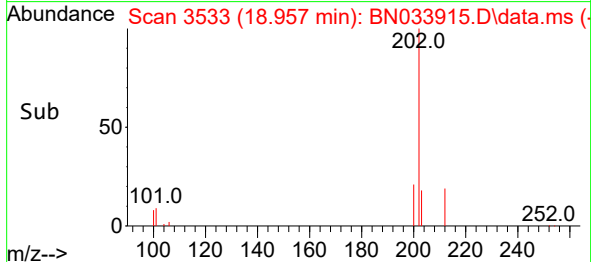
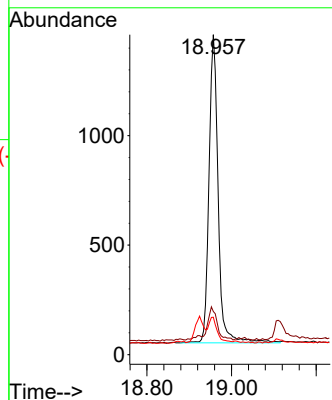
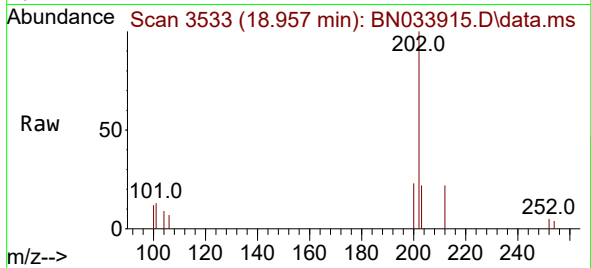




#19
Fluoranthene
Concen: 0.065 ng/u1
RT: 18.957 min Scan# 3533
Delta R.T. -0.000 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

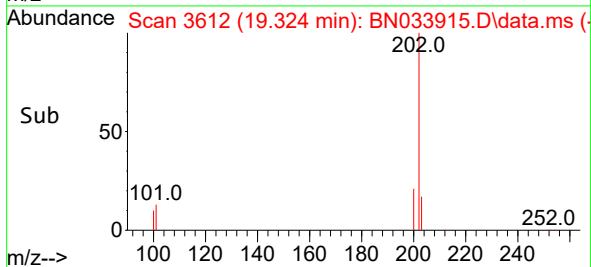
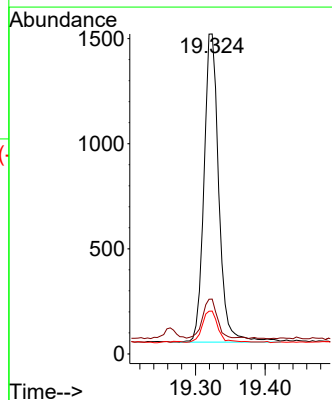
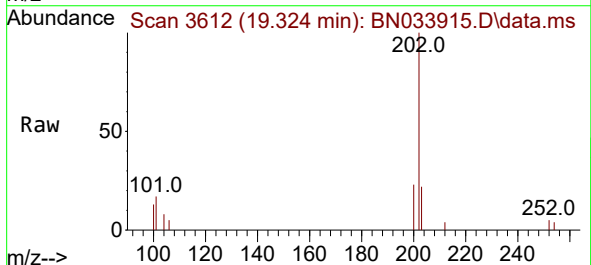
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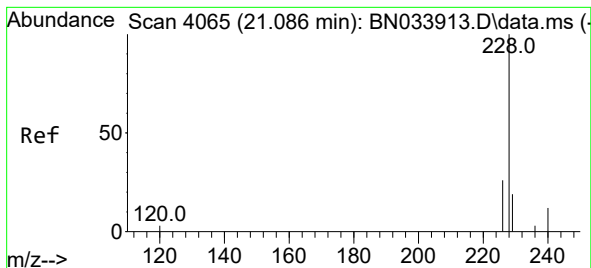
Tgt Ion:202 Resp: 2118
Ion Ratio Lower Upper
202 100
101 13.5 9.0 13.4#
100 11.7 6.7 10.1#



#20
Pyrene
Concen: 0.063 ng/u1
RT: 19.324 min Scan# 3612
Delta R.T. 0.004 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

Tgt Ion:202 Resp: 2170
Ion Ratio Lower Upper
202 100
101 17.1 10.8 16.2#
100 13.4 8.7 13.1#





#21

Benzo(a)anthracene

Concen: 0.059 ng/ul

RT: 21.089 min Scan# 4065

Delta R.T. 0.003 min

Lab File: BN033915.D

Acq: 14 Sep 2024 15:05

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT3-2024-05

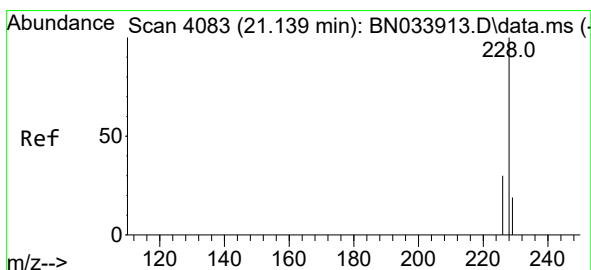
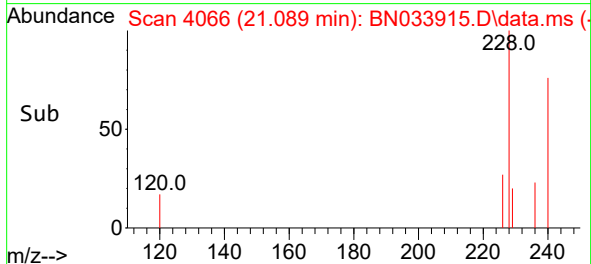
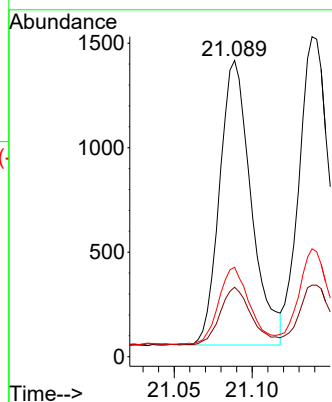
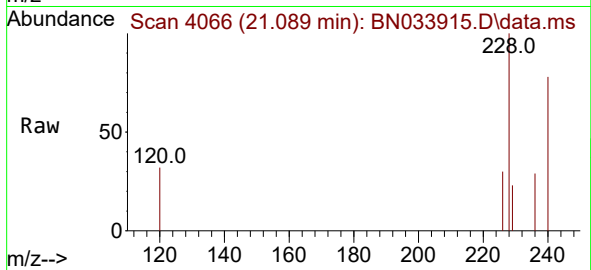
Tgt Ion:228 Resp: 1919

Ion Ratio Lower Upper

228 100

229 23.4 15.4 23.2#

226 30.2 22.1 33.1



#22

Chrysene

Concen: 0.070 ng/ul

RT: 21.138 min Scan# 4083

Delta R.T. -0.000 min

Lab File: BN033915.D

Acq: 14 Sep 2024 15:05

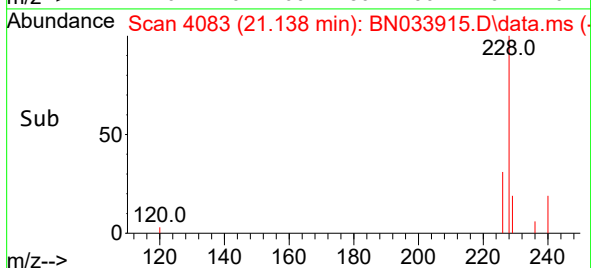
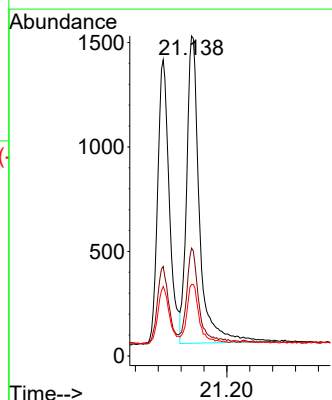
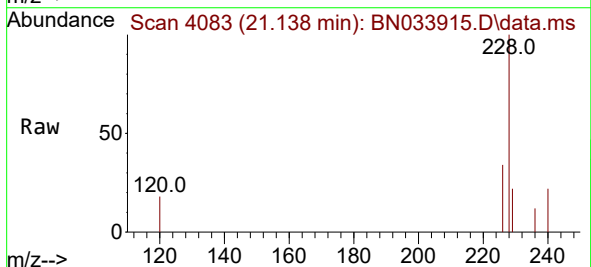
Tgt Ion:228 Resp: 2279

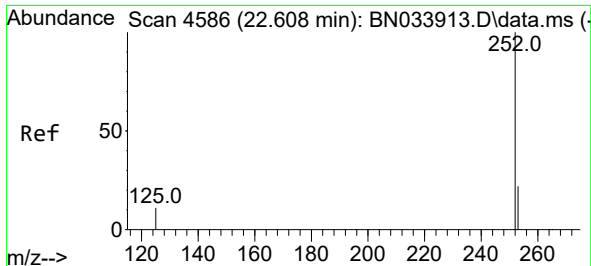
Ion Ratio Lower Upper

228 100

226 33.7 24.2 36.2

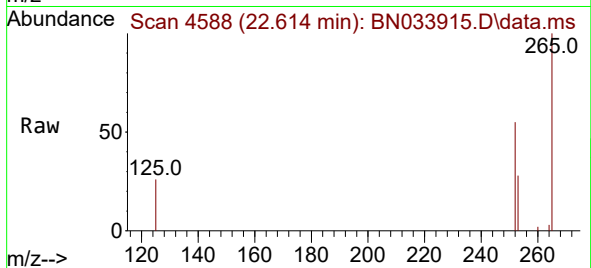
229 22.3 15.6 23.4



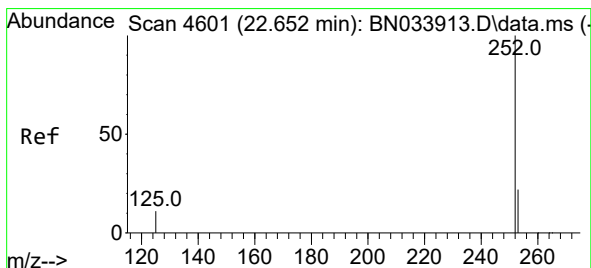
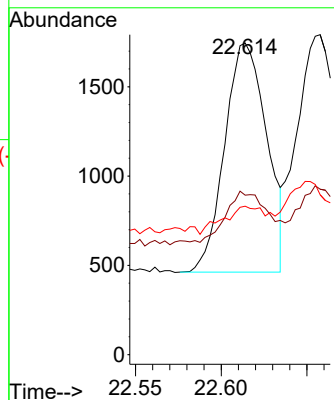


#24
Benzo(b)fluoranthene
Concen: 0.060 ng/ul
RT: 22.614 min Scan# 4588
Delta R.T. 0.006 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2024-05

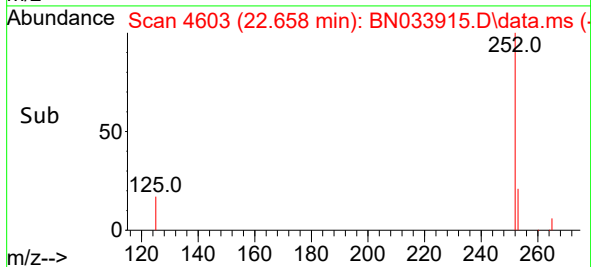
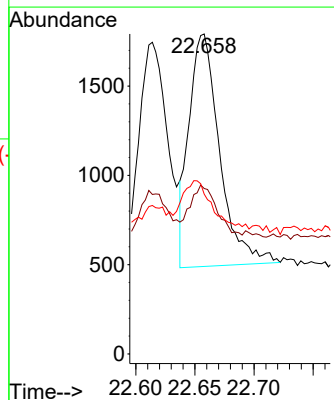
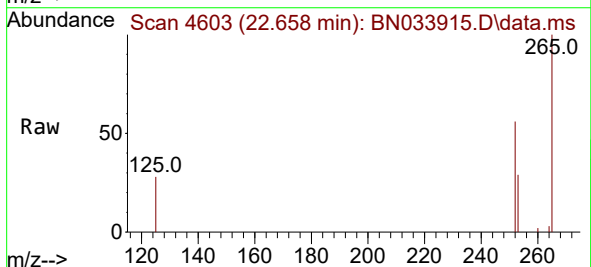


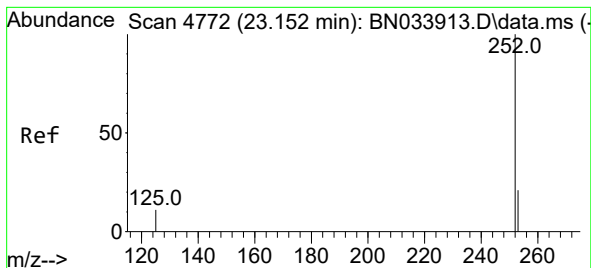
Tgt Ion:252 Resp: 2189
Ion Ratio Lower Upper
252 100
253 51.2 0.0 52.8
125 47.6 0.0 36.4#



#25
Benzo(k)fluoranthene
Concen: 0.064 ng/ul
RT: 22.658 min Scan# 4603
Delta R.T. 0.006 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

Tgt Ion:252 Resp: 2351
Ion Ratio Lower Upper
252 100
253 51.7 21.4 32.0#
125 49.9 15.1 22.7#





#26

Benzo(a)pyrene

Concen: 0.068 ng/ul

RT: 23.152 min Scan# 41

Delta R.T. -0.000 min

Lab File: BN033915.D

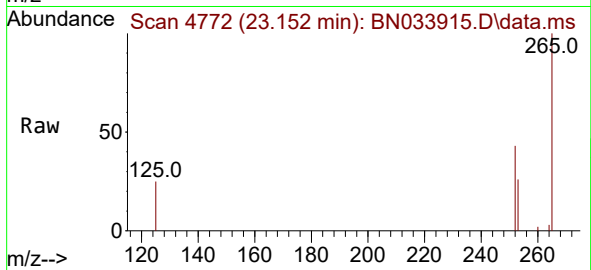
Acq: 14 Sep 2024 15:05

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT3-2024-05



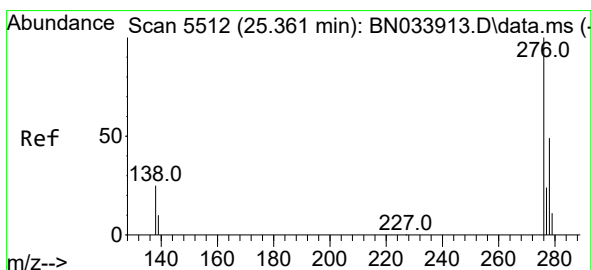
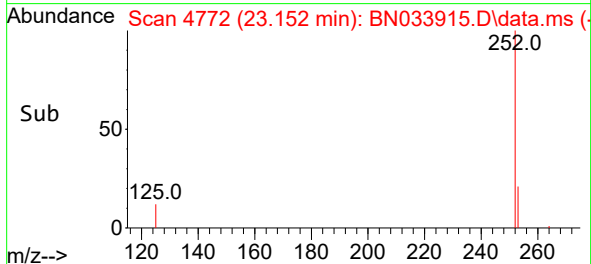
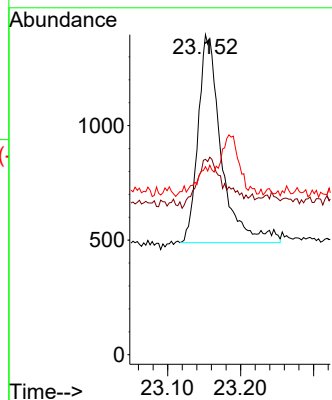
Tgt Ion:252 Resp: 2005

Ion Ratio Lower Upper

252 100

253 61.1 22.8 34.2#

125 58.8 18.0 27.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.063 ng/ul

RT: 25.368 min Scan# 5514

Delta R.T. 0.007 min

Lab File: BN033915.D

Acq: 14 Sep 2024 15:05

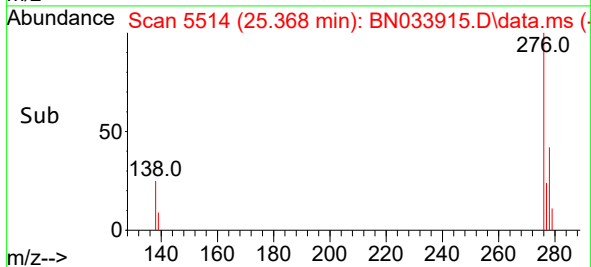
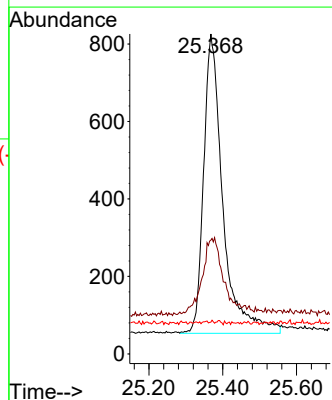
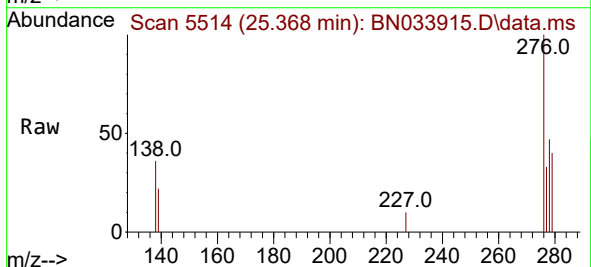
Tgt Ion:276 Resp: 2793

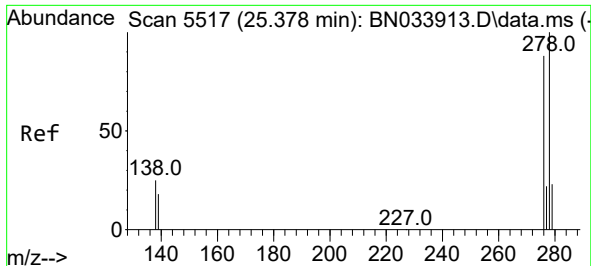
Ion Ratio Lower Upper

276 100

138 27.4 22.3 33.5

227 0.1 0.2 0.4#

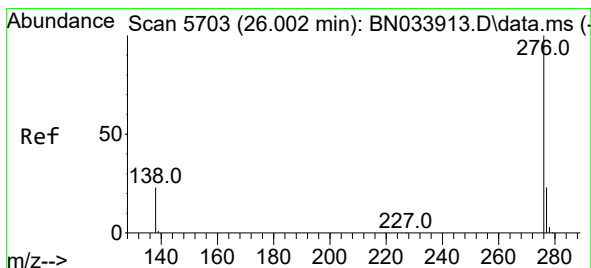
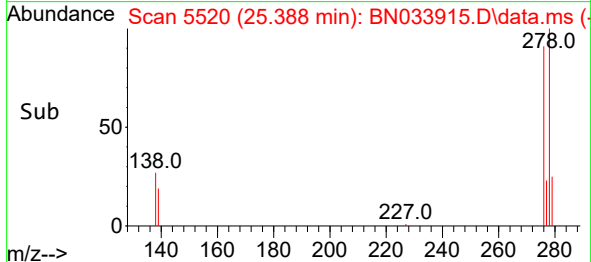
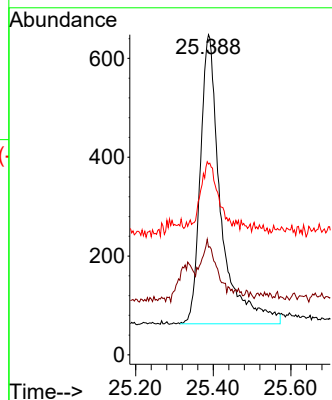
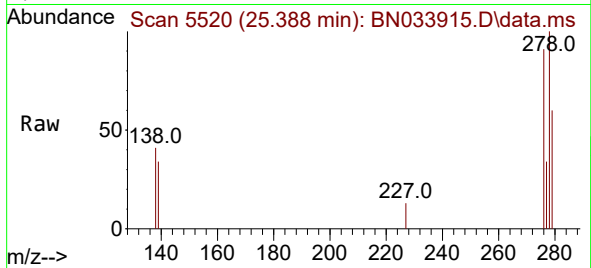




#28
Dibenzo(a,h)anthracene
Concen: 0.062 ng/ul
RT: 25.388 min Scan# 51
Delta R.T. 0.010 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2024-05

Tgt Ion:278 Resp: 2141
Ion Ratio Lower Upper
278 100
139 33.6 17.3 25.9#
279 59.6 21.5 32.3#



#29
Benzo(g,h,i)perylene
Concen: 0.068 ng/ul
RT: 26.008 min Scan# 5705
Delta R.T. 0.007 min
Lab File: BN033915.D
Acq: 14 Sep 2024 15:05

Tgt Ion:276 Resp: 2339
Ion Ratio Lower Upper
276 100
138 33.3 20.8 31.2#
277 33.3 20.2 30.4#

