

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
 Data File : BN030779.D
 Acq On : 08 Apr 2024 21:26
 Operator : MA/JU
 Sample : P2002-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-06B-44-040424

Quant Time: Apr 16 13:37:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 11 12:30:40 2024
 Response via : Initial Calibration

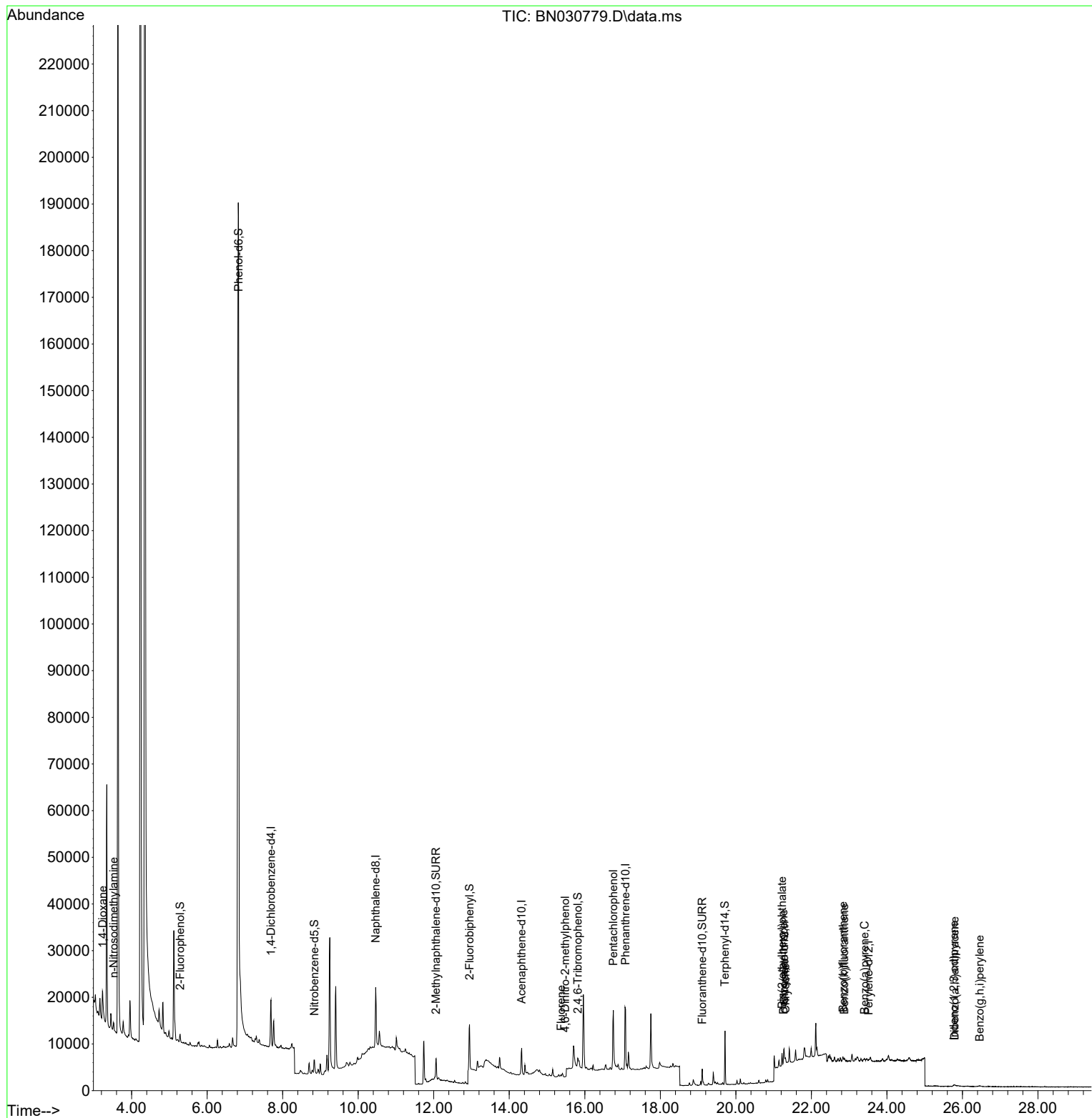
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	5303	0.400	ng	#-0.01
7) Naphthalene-d8	10.464	136	17112	0.400	ng	#-0.02
13) Acenaphthene-d10	14.327	164	2746	0.400	ng	#-0.01
19) Phenanthrene-d10	17.078	188	20833	0.400	ng	-0.01
29) Chrysene-d12	21.276	240	4425	0.400	ng	# 0.00
35) Perylene-d12	23.513	264	283	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.285	112	1733	0.150	ng	-0.01
5) Phenol-d6	6.830	99	4715	0.318	ng	-0.04
8) Nitrobenzene-d5	8.841	82	2636	0.219	ng	-0.01
11) 2-Methylnaphthalene-d10	12.058	152	5680	0.217	ng	-0.02
14) 2,4,6-Tribromophenol	15.812	330	1107	1.067	ng	-0.02
15) 2-Fluorobiphenyl	12.948	172	8829	0.832	ng	-0.02
27) Fluoranthene-d10	19.108	212	3769	0.067	ng	-0.02
31) Terphenyl-d14	19.711	244	10614	1.038	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.233	88	6937	1.084	ng	# 93
3) n-Nitrosodimethylamine	3.522	42	271	0.044	ng	# 23
18) Fluorene	15.375	166	267	0.024	ng	# 9
20) 4,6-Dinitro-2-methylph...	15.482	198	1	0.172	ng	# 1
24) Pentachlorophenol	16.755	266	985	0.330	ng	# 1
32) Benzo(a)anthracene	21.258	228	446	0.028	ng	# 53
33) Chrysene	21.312	228	722	0.043	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.222	149	1506	0.222	ng	# 66
36) Indeno(1,2,3-cd)pyrene	25.773	276	591	0.472	ng	# 72
37) Benzo(b)fluoranthene	22.837	252	1051	0.913	ng	# 1
38) Benzo(k)fluoranthene	22.872	252	857	0.742	ng	# 1
39) Benzo(a)pyrene	23.410	252	359	0.389	ng	# 1
40) Dibenzo(a,h)anthracene	25.790	278	625	0.629	ng	# 1
41) Benzo(g,h,i)perylene	26.454	276	218	0.204	ng	# 1

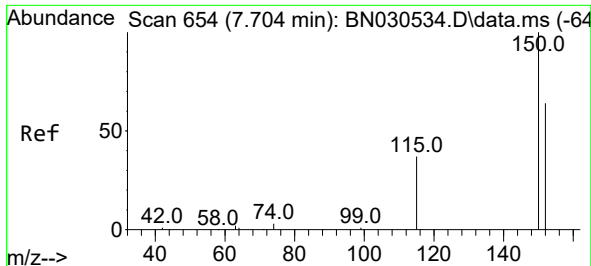
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 11 12:30:40 2024
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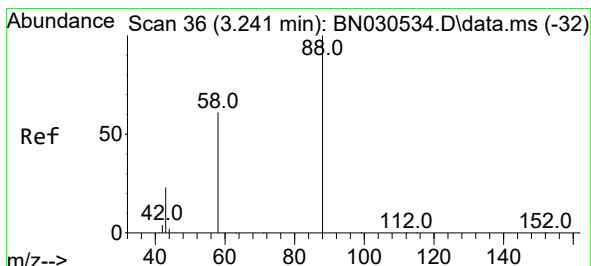
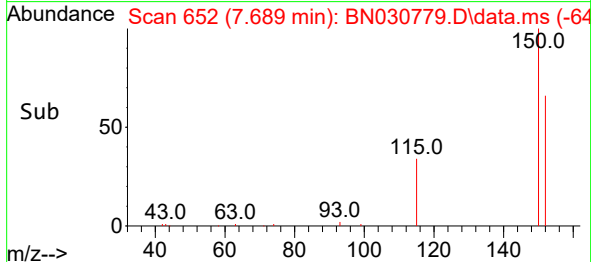
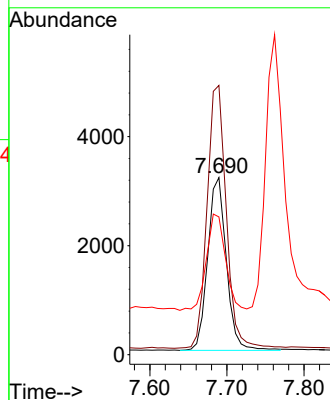
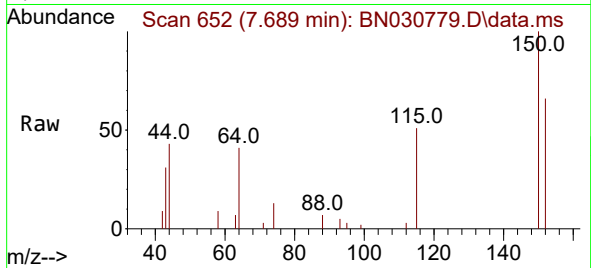




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.689 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN030779.D
 Acq: 08 Apr 2024 21:26

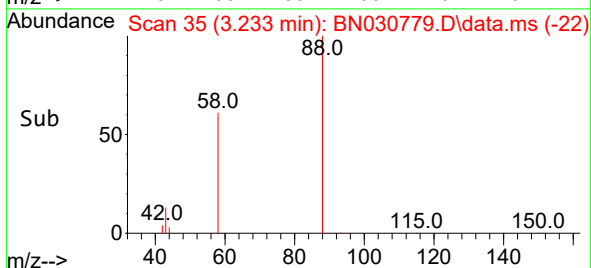
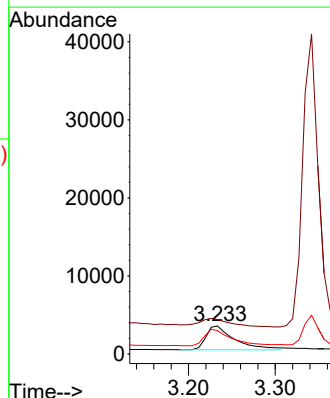
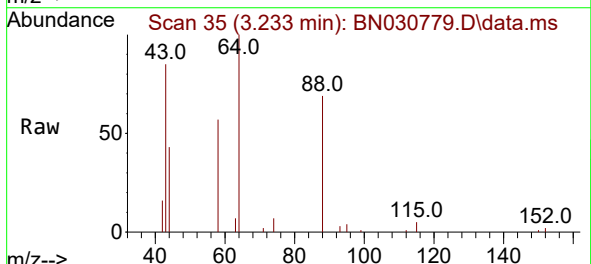
Instrument :
 BNA_N
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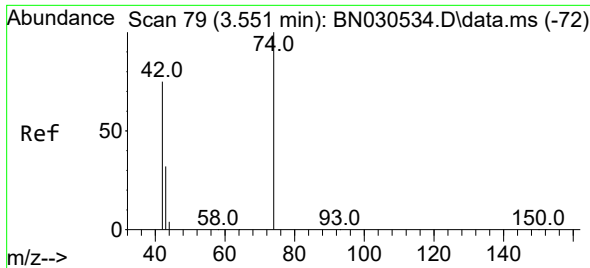
Tgt Ion:152 Resp: 5303
 Ion Ratio Lower Upper
 152 100
 150 152.0 124.2 186.4
 115 77.7 48.6 72.8#



#2
 1,4-Dioxane
 Concen: 1.084 ng
 RT: 3.233 min Scan# 35
 Delta R.T. -0.007 min
 Lab File: BN030779.D
 Acq: 08 Apr 2024 21:26

Tgt Ion: 88 Resp: 6937
 Ion Ratio Lower Upper
 88 100
 43 38.1 21.9 32.9#
 58 66.0 53.4 80.2

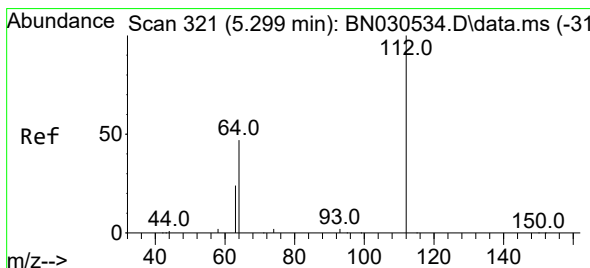
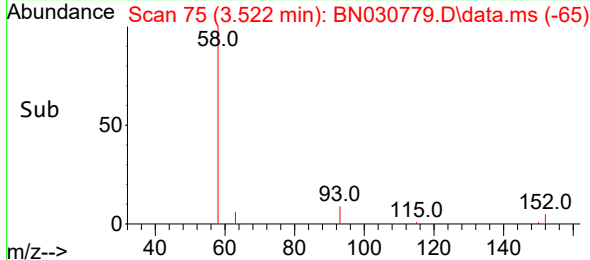
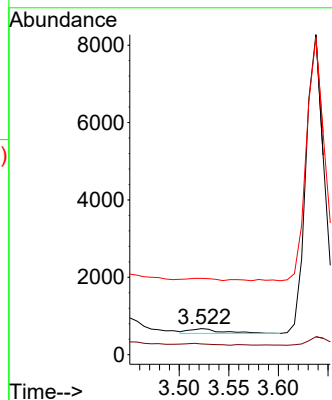
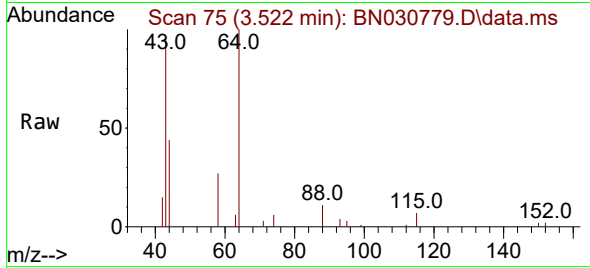




#3
n-Nitrosodimethylamine
Concen: 0.044 ng
RT: 3.522 min Scan# 71
Delta R.T. -0.029 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

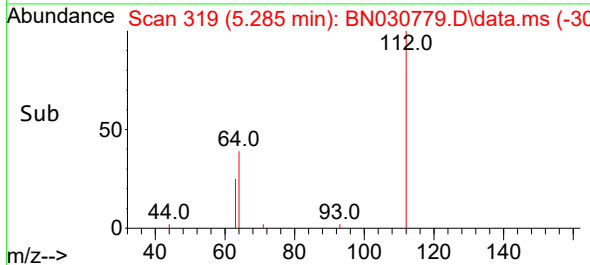
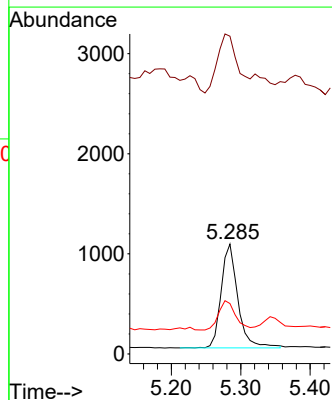
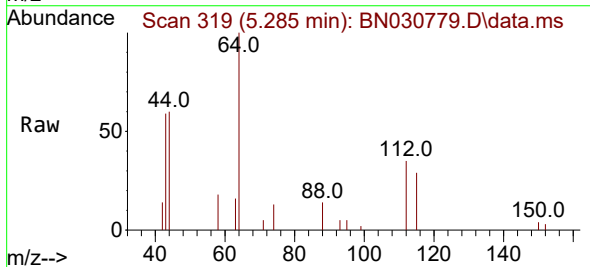
Instrument :
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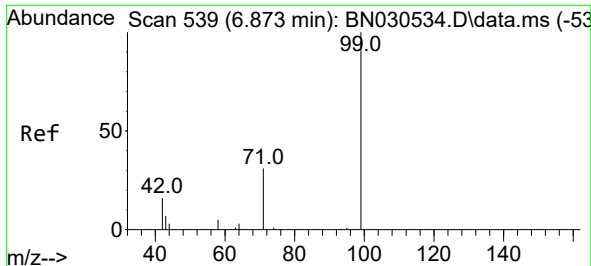
Tgt Ion: 42 Resp: 271
Ion Ratio Lower Upper
42 100
74 34.3 100.9 151.3#
44 0.0 5.8 8.6#



#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.285 min Scan# 319
Delta R.T. -0.014 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

Tgt Ion: 112 Resp: 1733
Ion Ratio Lower Upper
112 100
64 69.1 43.2 64.8#
63 28.7 22.5 33.7

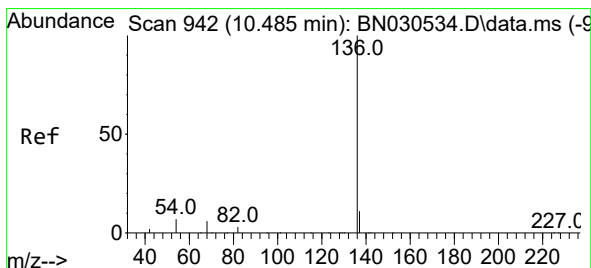
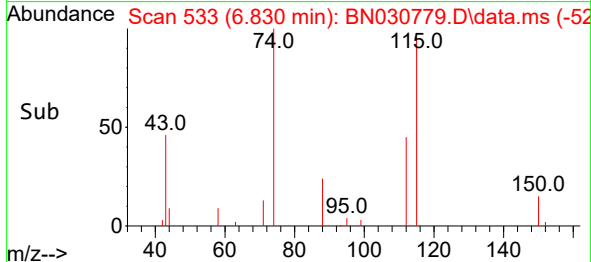
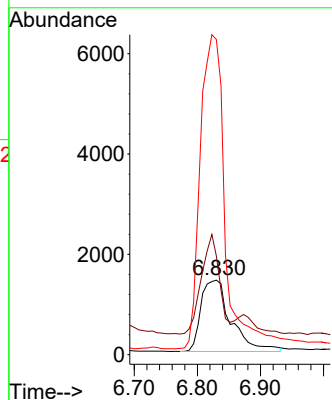
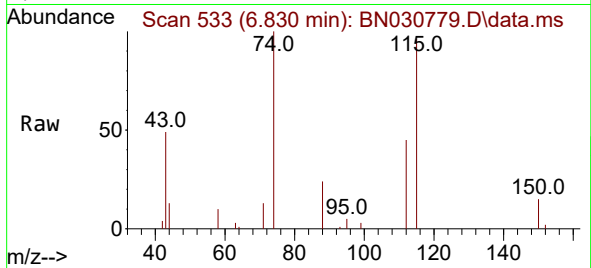




#5
Phenol-d6
Concen: 0.318 ng
RT: 6.830 min Scan# 51
Delta R.T. -0.043 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

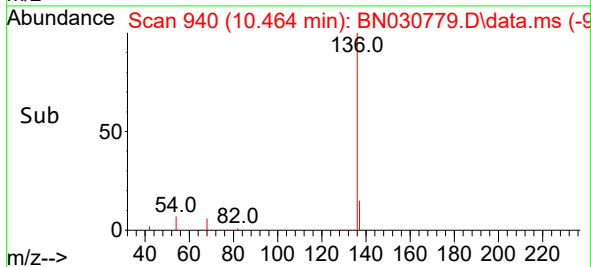
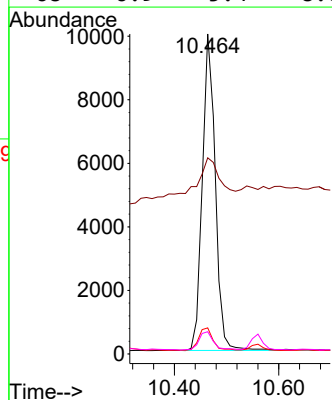
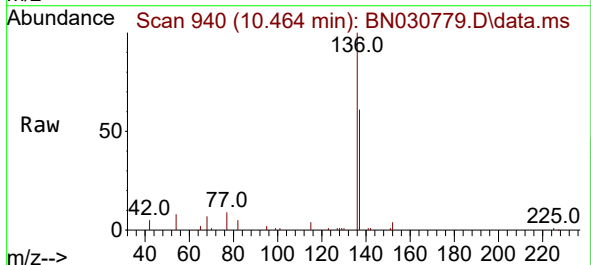
Instrument :
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ClientSampleId :
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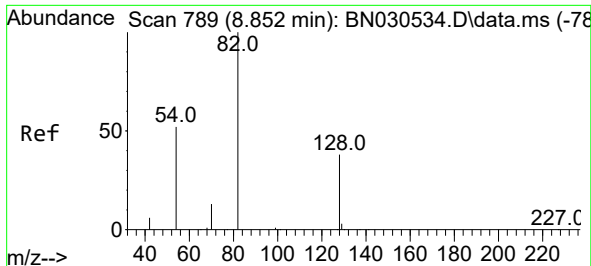
Tgt Ion: 99 Resp: 4715
Ion Ratio Lower Upper
99 100
42 83.9 15.8 23.6#
71 361.7 25.9 38.9#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.464 min Scan# 940
Delta R.T. -0.021 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

Tgt Ion: 136 Resp: 17112
Ion Ratio Lower Upper
136 100
137 61.3 9.1 13.7#
54 8.2 6.4 9.6
68 6.9 5.4 8.0





#8

Nitrobenzene-d5

Concen: 0.219 ng

RT: 8.841 min Scan# 71

Delta R.T. -0.011 min

Lab File: BN030779.D

Acq: 08 Apr 2024 21:26

Instrument :

BNA_N

ClientSampleId :

RMW-06B-44-040424

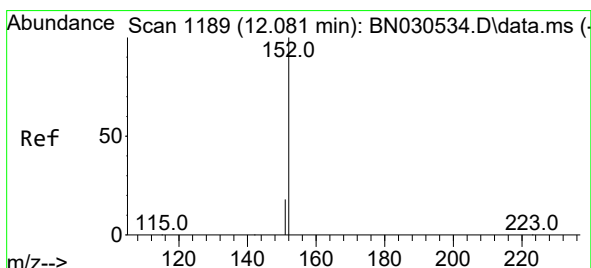
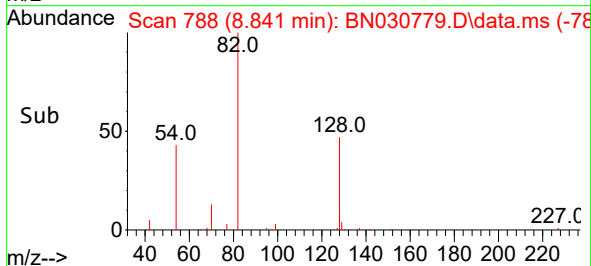
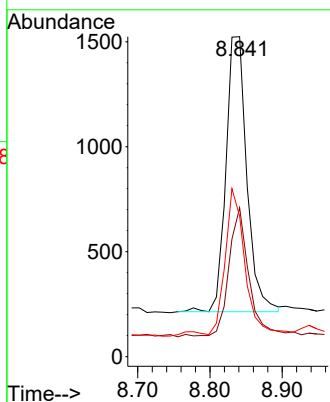
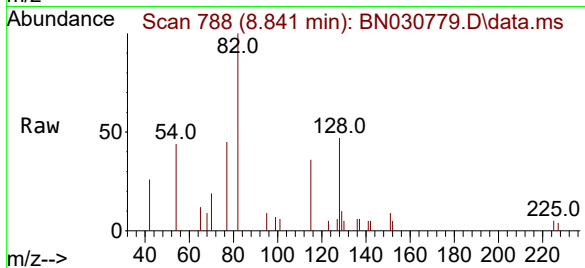
Tgt Ion: 82 Resp: 2636

Ion Ratio Lower Upper

82 100

128 46.5 32.3 48.5

54 43.9 42.7 64.1



#11

2-Methylnaphthalene-d10

Concen: 0.217 ng

RT: 12.058 min Scan# 1183

Delta R.T. -0.023 min

Lab File: BN030779.D

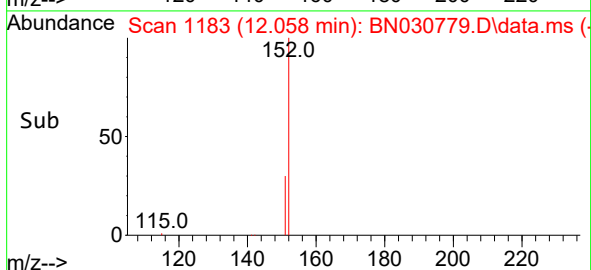
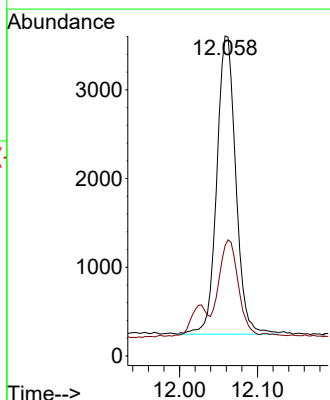
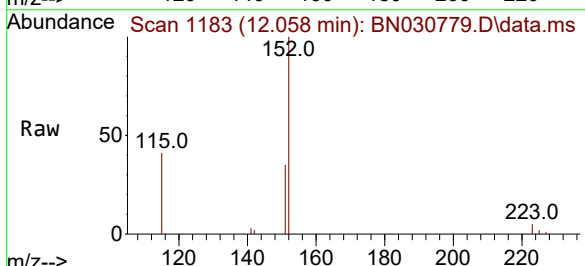
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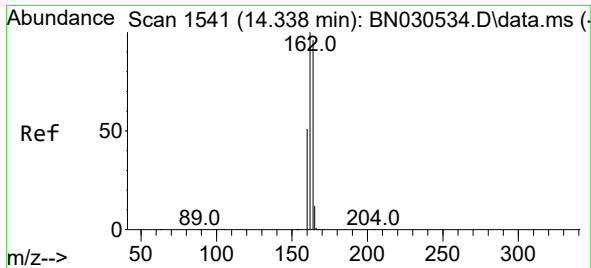
Tgt Ion:152 Resp: 5680

Ion Ratio Lower Upper

152 100

151 32.0 16.7 25.1#

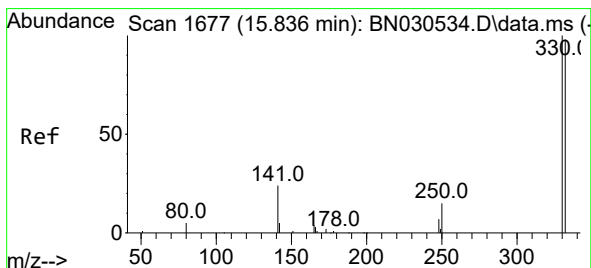
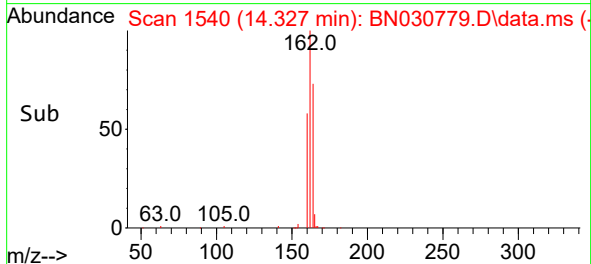
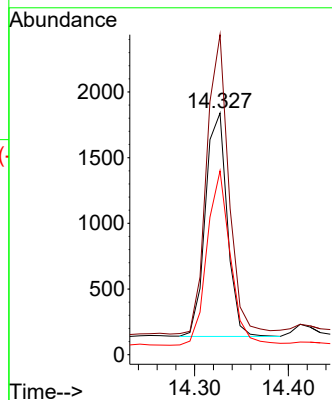
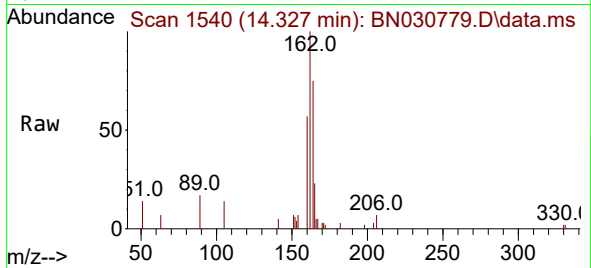




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.327 min Scan# 1540
Delta R.T. -0.011 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

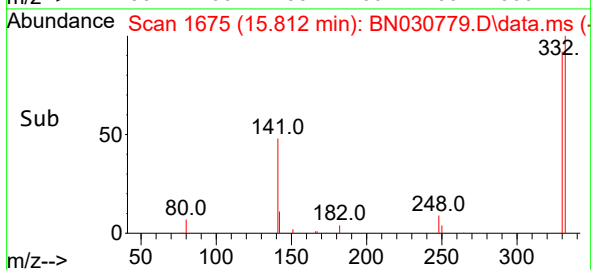
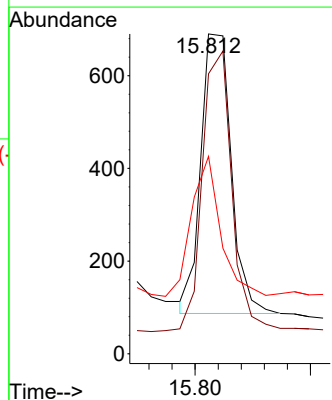
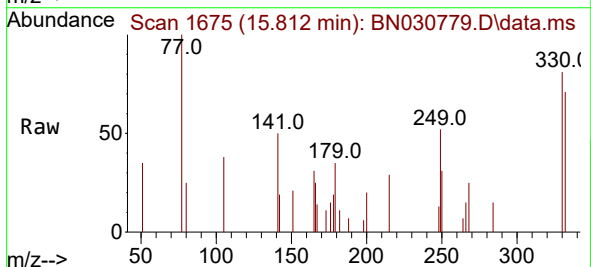
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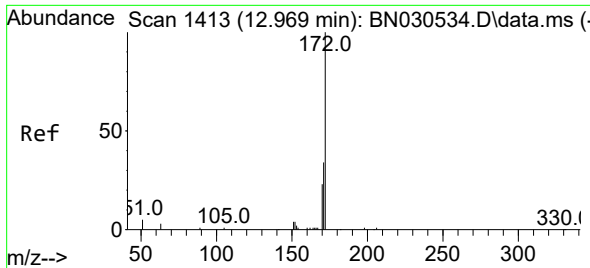
Tgt Ion:164 Resp: 2746
Ion Ratio Lower Upper
164 100
162 132.5 83.5 125.3#
160 76.1 42.5 63.7#



#14
2,4,6-Tribromophenol
Concen: 1.067 ng
RT: 15.812 min Scan# 1675
Delta R.T. -0.025 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

Tgt Ion:330 Resp: 1107
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.6
141 47.8 35.9 53.9

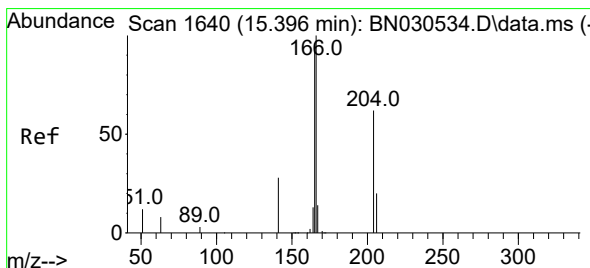
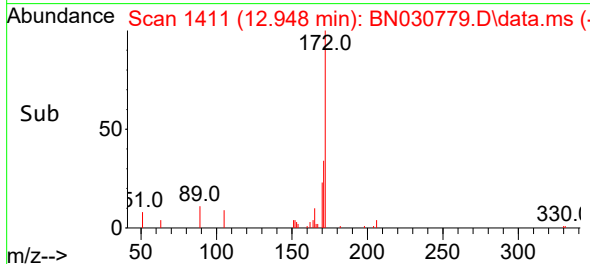
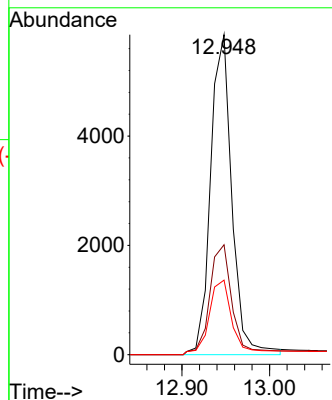
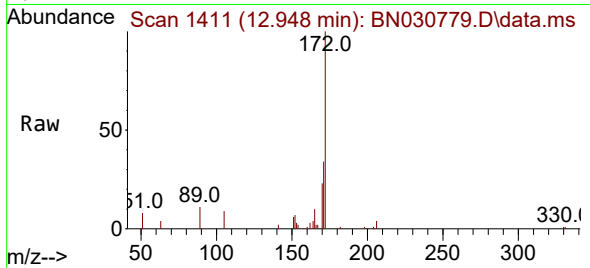




#15
2-Fluorobiphenyl
Concen: 0.832 ng
RT: 12.948 min Scan# 1411
Delta R.T. -0.021 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

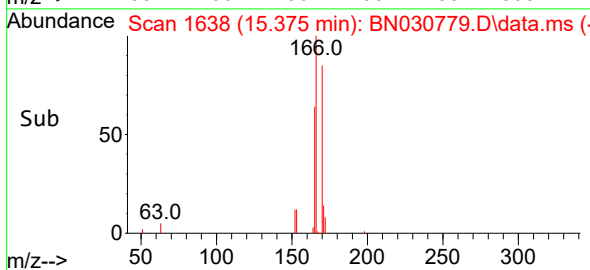
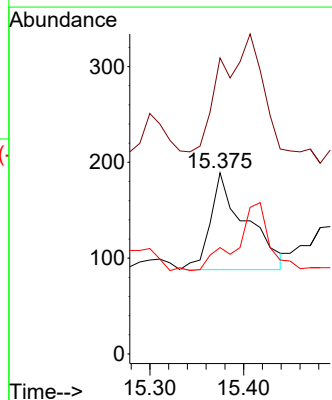
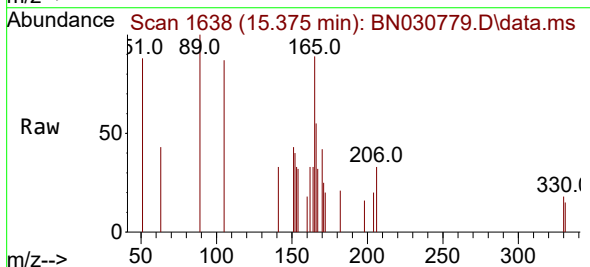
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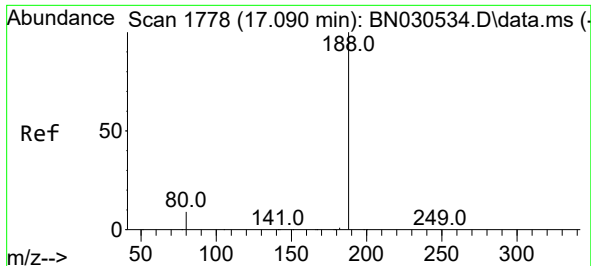
Tgt Ion:172	Resp:	8829
Ion Ratio	Lower	Upper
172	100	
171	34.4	27.1 40.7
170	23.3	18.3 27.5



#18
Fluorene
Concen: 0.024 ng
RT: 15.375 min Scan# 1638
Delta R.T. -0.021 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

Tgt Ion:166	Resp:	267
Ion Ratio	Lower	Upper
166	100	
165	0.0	77.9 116.9#
167	0.0	10.8 16.2#

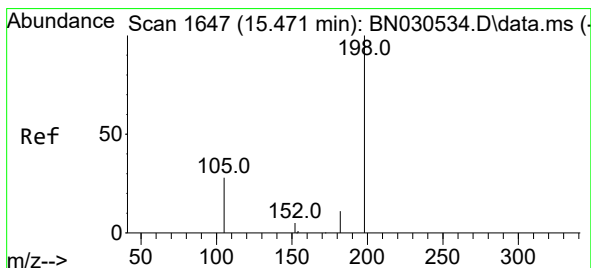
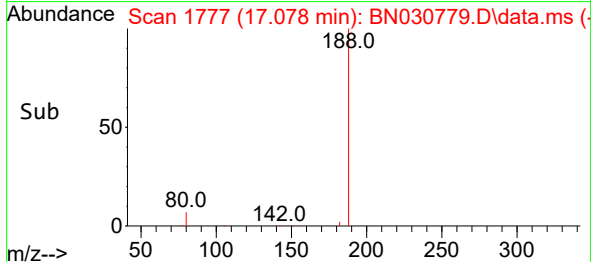
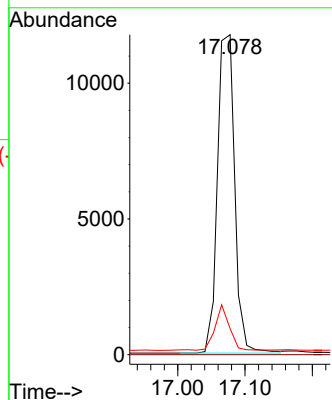
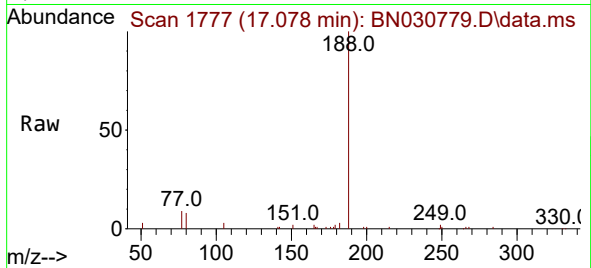




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1777
Delta R.T. -0.012 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

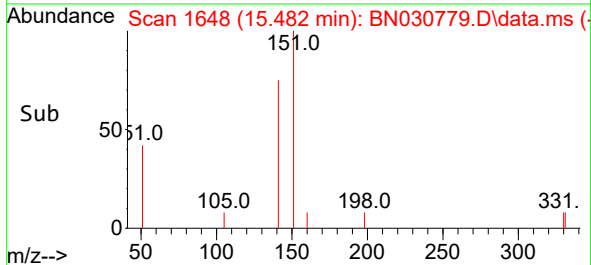
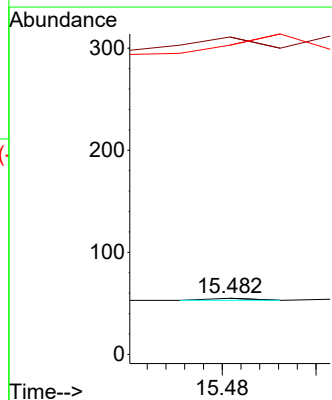
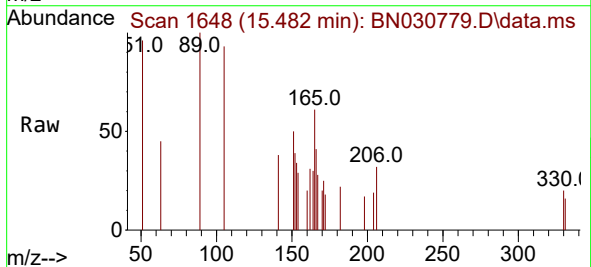
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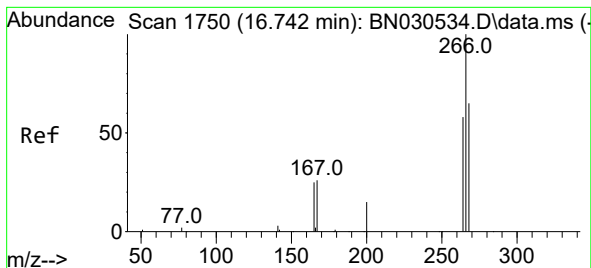
Tgt Ion:188 Resp: 20833
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 7.4 11.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.172 ng
RT: 15.482 min Scan# 1648
Delta R.T. 0.011 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 565.5 57.8 86.6#
105 550.9 37.5 56.3#





#24

Pentachlorophenol

Concen: 0.330 ng

RT: 16.755 min Scan# 1

Delta R.T. 0.013 min

Lab File: BN030779.D

Acq: 08 Apr 2024 21:26

Instrument :

BNA_N

ClientSampleId :

RMW-06B-44-040424

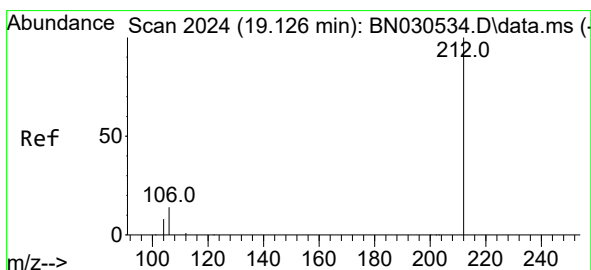
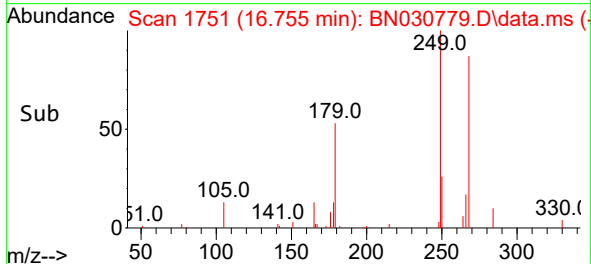
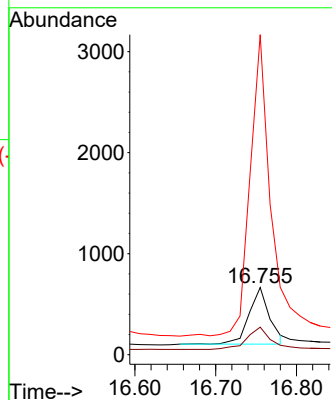
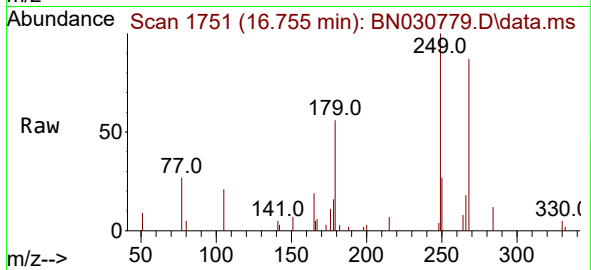
Tgt Ion:266 Resp: 985

Ion Ratio Lower Upper

266 100

264 43.7 48.7 73.1#

268 504.6 49.5 74.3#



#27

Fluoranthene-d10

Concen: 0.067 ng

RT: 19.108 min Scan# 2020

Delta R.T. -0.018 min

Lab File: BN030779.D

Acq: 08 Apr 2024 21:26

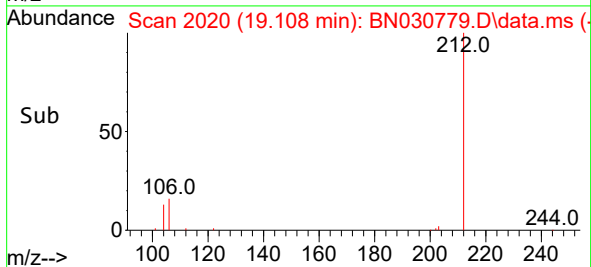
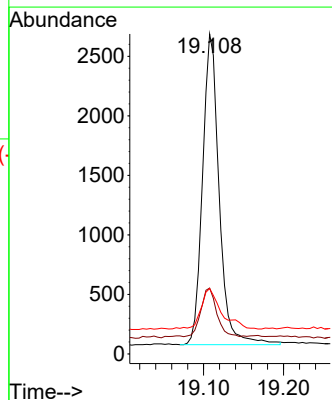
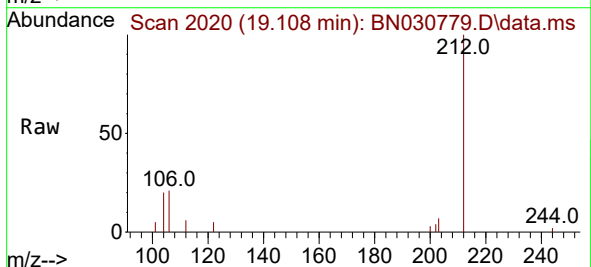
Tgt Ion:212 Resp: 3769

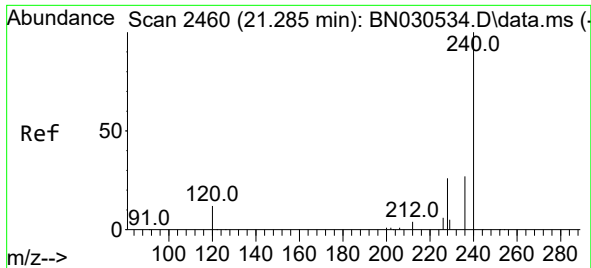
Ion Ratio Lower Upper

212 100

106 15.3 11.8 17.6

104 15.7 6.6 9.8#

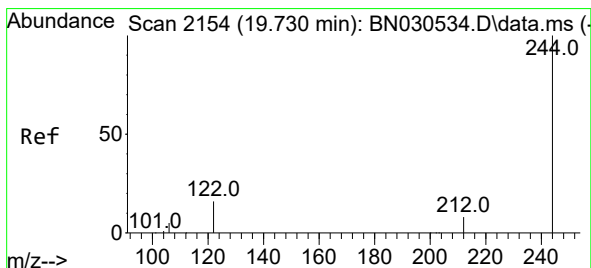
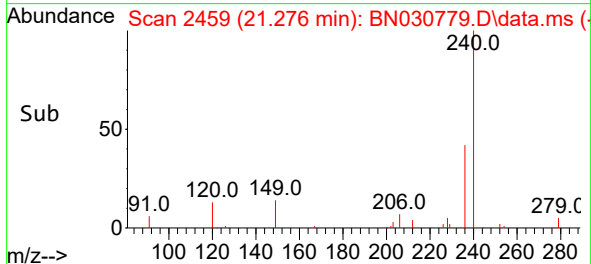
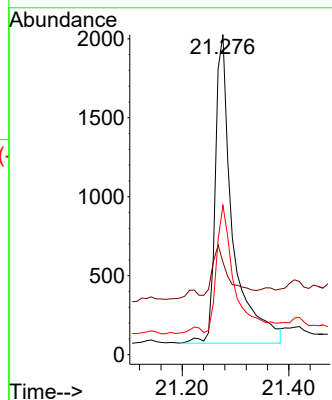
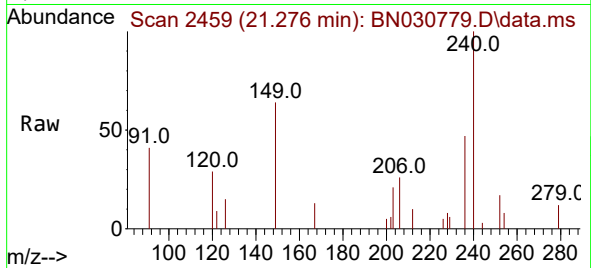




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.276 min Scan# 2459
Delta R.T. -0.009 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

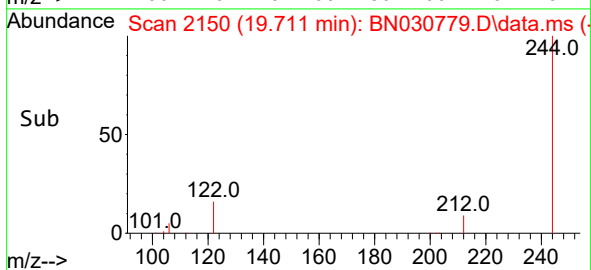
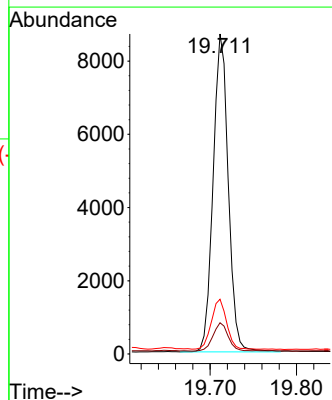
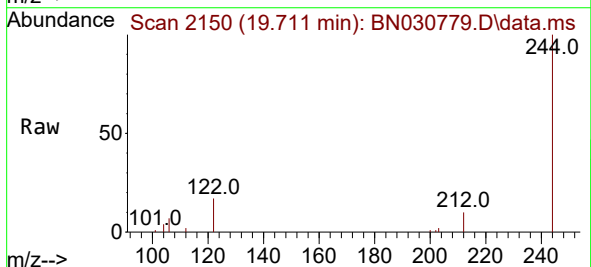
Instrument :
BNA_N
ClientSampleId :
RMW-06B-44-040424

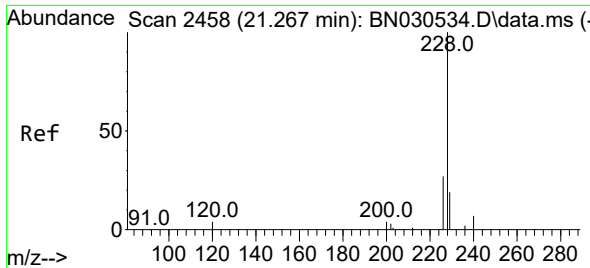
Tgt Ion:240 Resp: 4425
Ion Ratio Lower Upper
240 100
120 28.9 10.6 15.8#
236 46.6 22.1 33.1#



#31
Terphenyl-d14
Concen: 1.038 ng
RT: 19.711 min Scan# 2150
Delta R.T. -0.018 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

Tgt Ion:244 Resp: 10614
Ion Ratio Lower Upper
244 100
212 9.7 6.9 10.3
122 17.1 12.7 19.1

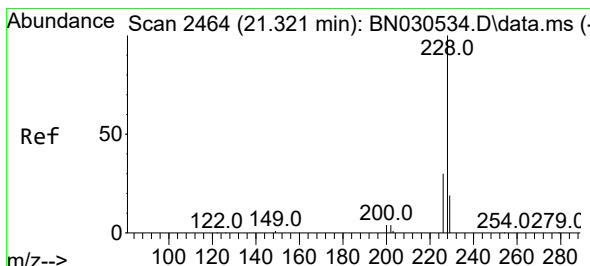
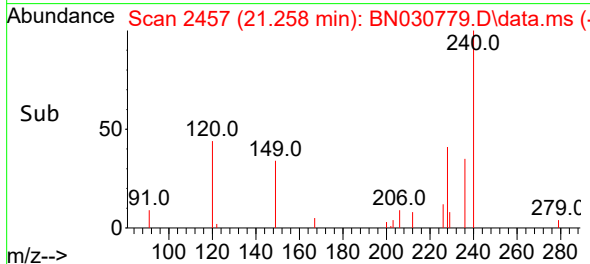
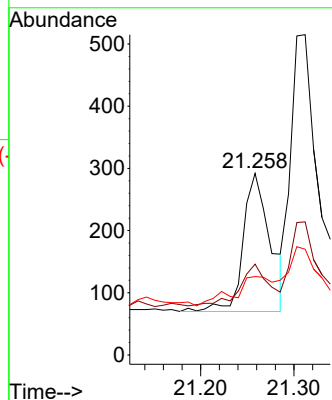
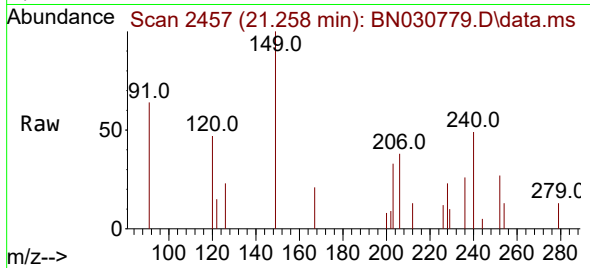




#32
Benzo(a)anthracene
Concen: 0.028 ng
RT: 21.258 min Scan# 2457
Delta R.T. -0.009 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

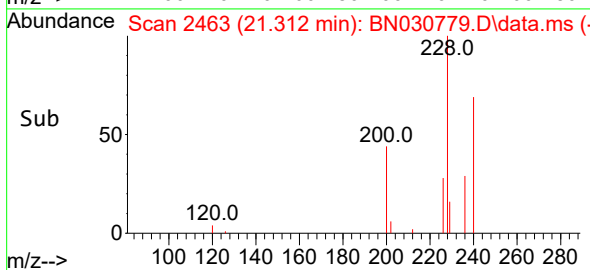
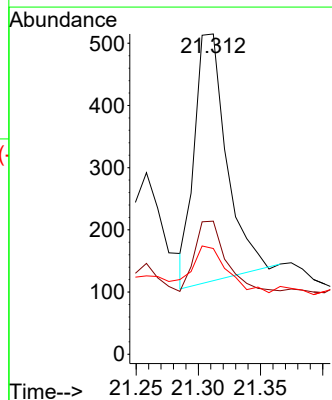
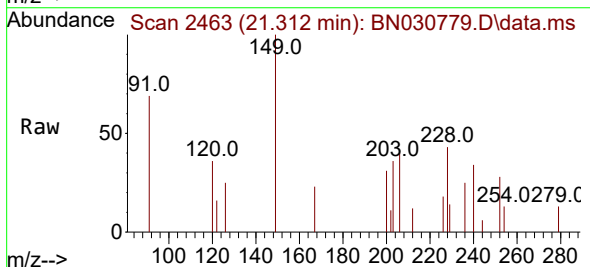
Instrument :
BNA_N
ClientSampleId :
RMW-06B-44-040424

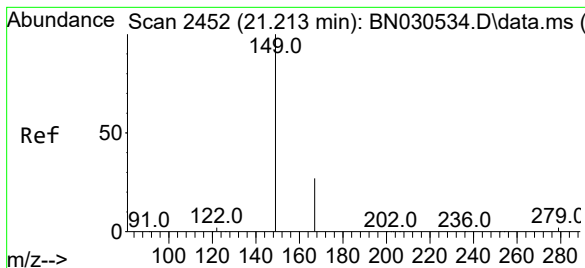
Tgt Ion:228 Resp: 446
Ion Ratio Lower Upper
228 100
226 50.0 21.8 32.8#
229 43.2 15.4 23.2#



#33
Chrysene
Concen: 0.043 ng
RT: 21.312 min Scan# 2463
Delta R.T. -0.009 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

Tgt Ion:228 Resp: 722
Ion Ratio Lower Upper
228 100
226 41.6 24.3 36.5#
229 33.0 15.8 23.6#

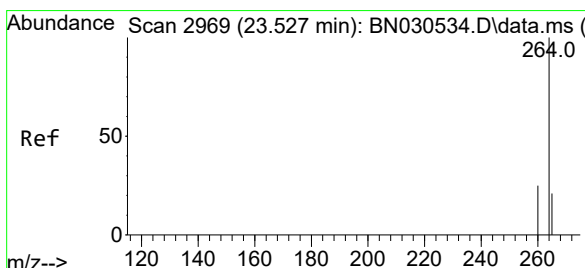
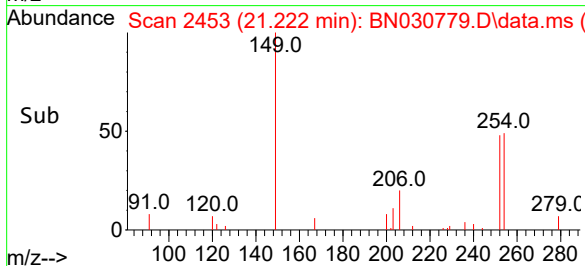
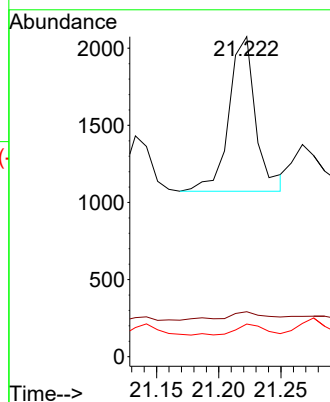
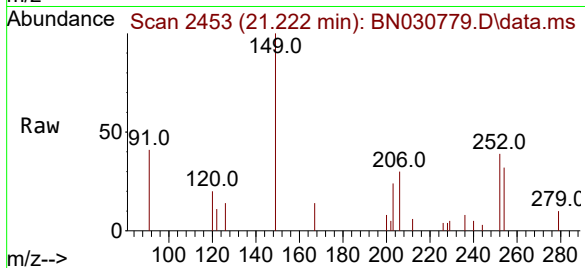




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.222 ng
 RT: 21.222 min Scan# 2453
 Delta R.T. 0.009 min
 Lab File: BN030779.D
 Acq: 08 Apr 2024 21:26

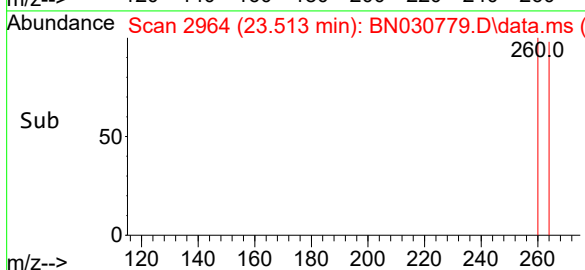
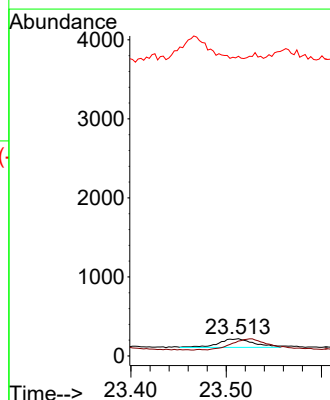
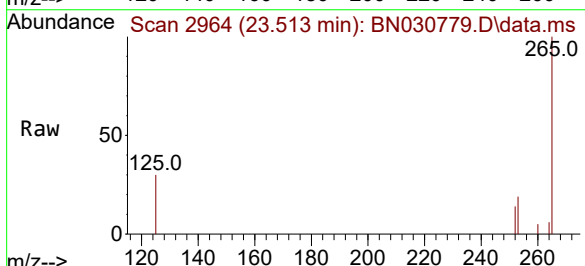
Instrument :
 BNA_N
 ClientSampleId :
 RMW-06B-44-040424

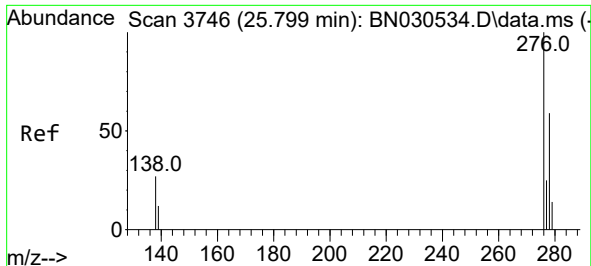
Tgt Ion:149 Resp: 1506
 Ion Ratio Lower Upper
 149 100
 167 7.8 21.4 32.0#
 279 7.7 2.3 3.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.513 min Scan# 2964
 Delta R.T. -0.015 min
 Lab File: BN030779.D
 Acq: 08 Apr 2024 21:26

Tgt Ion:264 Resp: 283
 Ion Ratio Lower Upper
 264 100
 260 86.3 20.6 30.8#
 265 1731.1 41.8 62.8#

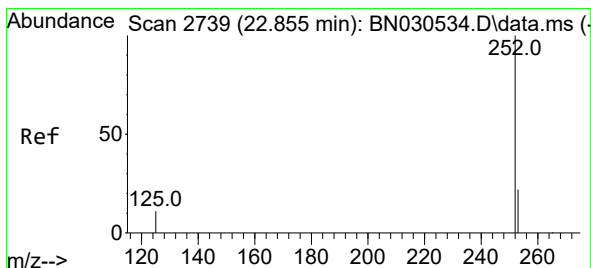
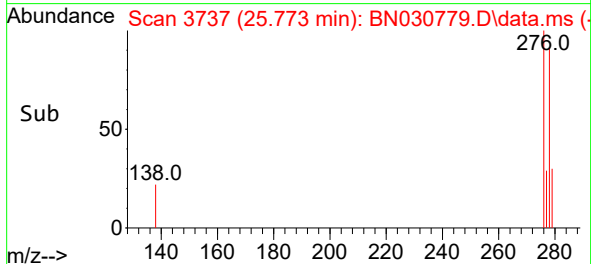
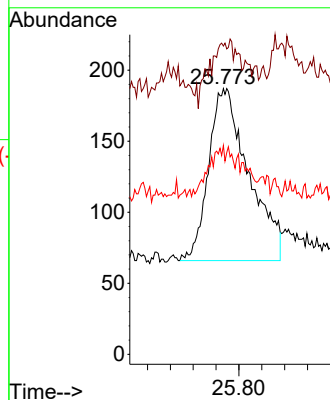
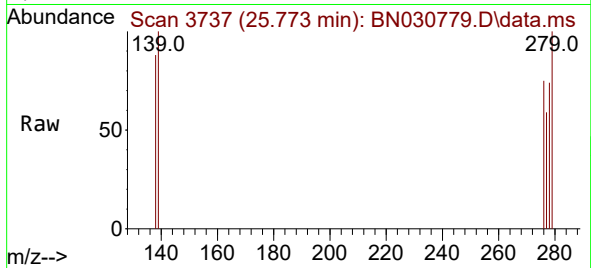




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.472 ng
RT: 25.773 min Scan# 31
Delta R.T. -0.026 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

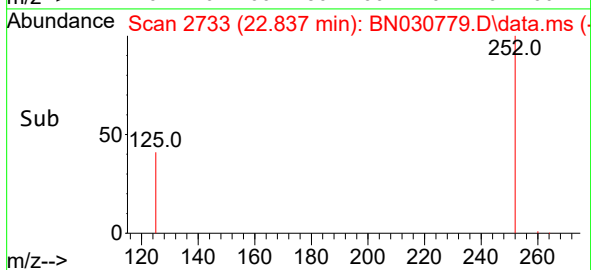
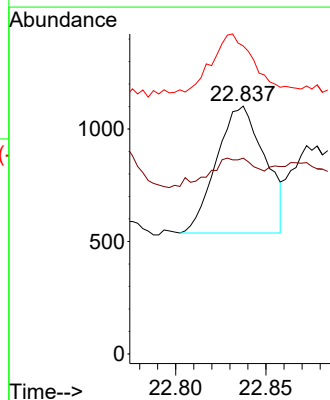
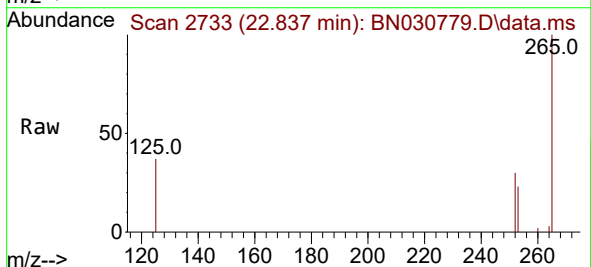
Instrument :
BNA_N
ClientSampleId :
RMW-06B-44-040424

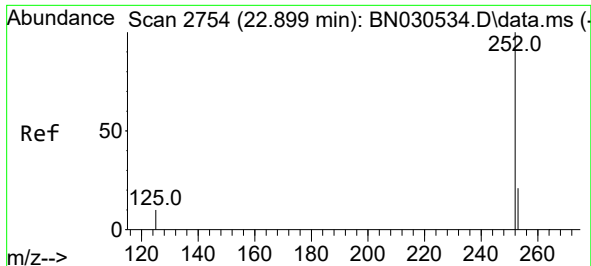
Tgt Ion:276 Resp: 591
Ion Ratio Lower Upper
276 100
138 16.9 23.0 34.4#
277 8.0 20.1 30.1#



#37
Benzo(b)fluoranthene
Concen: 0.913 ng
RT: 22.837 min Scan# 2733
Delta R.T. -0.017 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

Tgt Ion:252 Resp: 1051
Ion Ratio Lower Upper
252 100
253 79.0 19.2 28.8#
125 124.3 11.7 17.5#

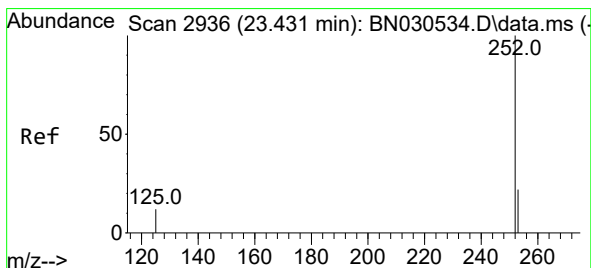
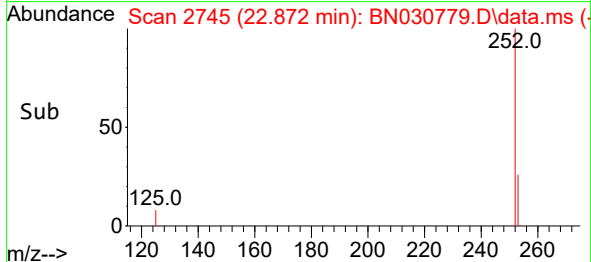
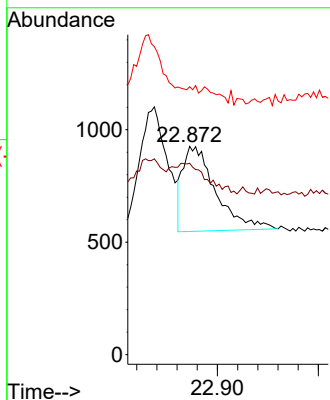
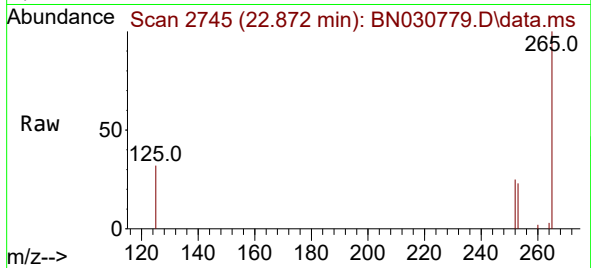




#38
Benzo(k)fluoranthene
Concen: 0.742 ng
RT: 22.872 min Scan# 21
Delta R.T. -0.026 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

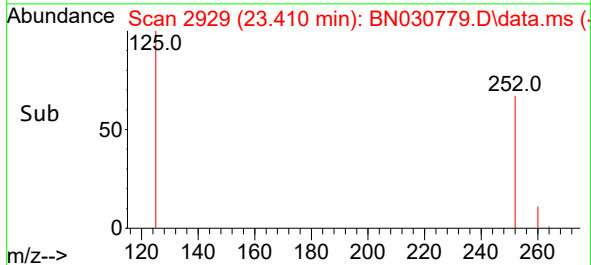
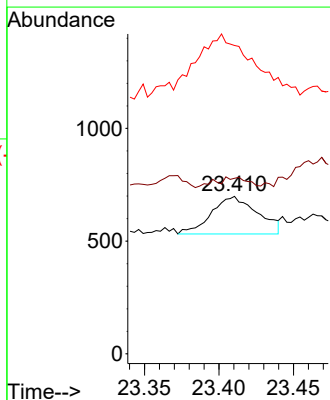
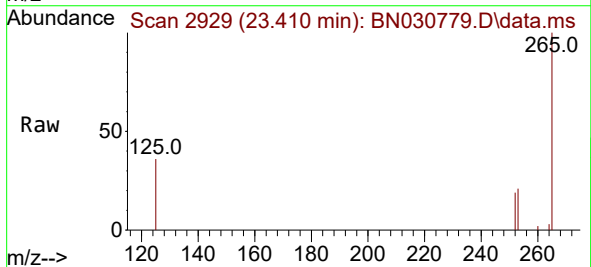
Instrument :
BNA_N
ClientSampleId :
RMW-06B-44-040424

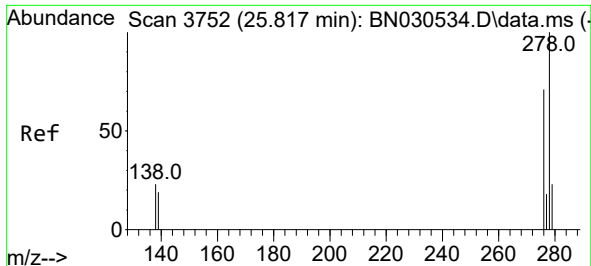
Tgt Ion:252 Resp: 857
Ion Ratio Lower Upper
252 100
253 91.9 18.9 28.3#
125 128.7 11.5 17.3#



#39
Benzo(a)pyrene
Concen: 0.389 ng
RT: 23.410 min Scan# 2929
Delta R.T. -0.020 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

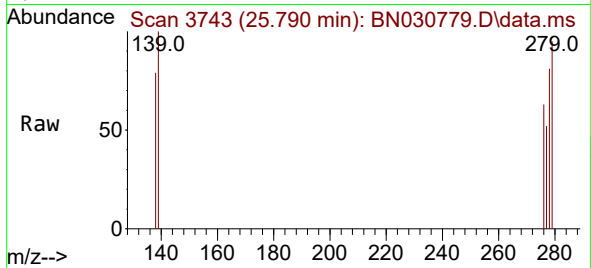
Tgt Ion:252 Resp: 359
Ion Ratio Lower Upper
252 100
253 111.4 20.0 30.0#
125 195.7 14.3 21.5#



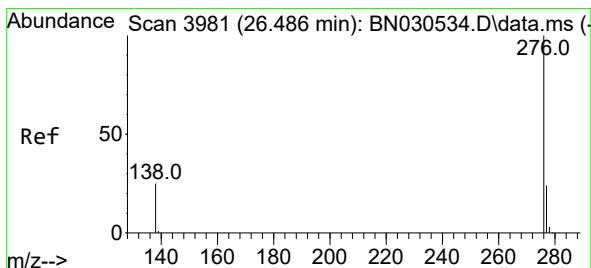
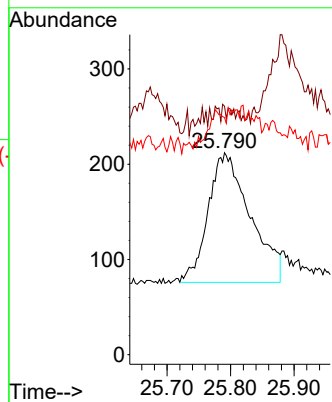
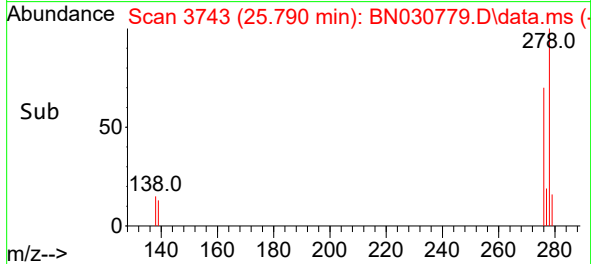


#40
Dibenzo(a,h)anthracene
Concen: 0.629 ng
RT: 25.790 min Scan# 31
Delta R.T. -0.026 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

Instrument :
BNA_N
ClientSampleId :
RMW-06B-44-040424



Tgt Ion:278 Resp: 625
Ion Ratio Lower Upper
278 100
139 123.1 16.2 24.2#
279 117.5 20.6 30.8#



#41
Benzo(g,h,i)perylene
Concen: 0.204 ng
RT: 26.454 min Scan# 3970
Delta R.T. -0.032 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

Tgt Ion:276 Resp: 218
Ion Ratio Lower Upper
276 100
277 78.0 19.8 29.6#
138 113.3 20.6 31.0#

