

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040323\
 Data File : BN024739.D
 Acq On : 03 Apr 2023 21:01
 Operator : CG/JU
 Sample : 02074-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-40-45-032323-FD

Quant Time: Apr 04 03:57:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 04 03:11:39 2023
 Response via : Initial Calibration

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

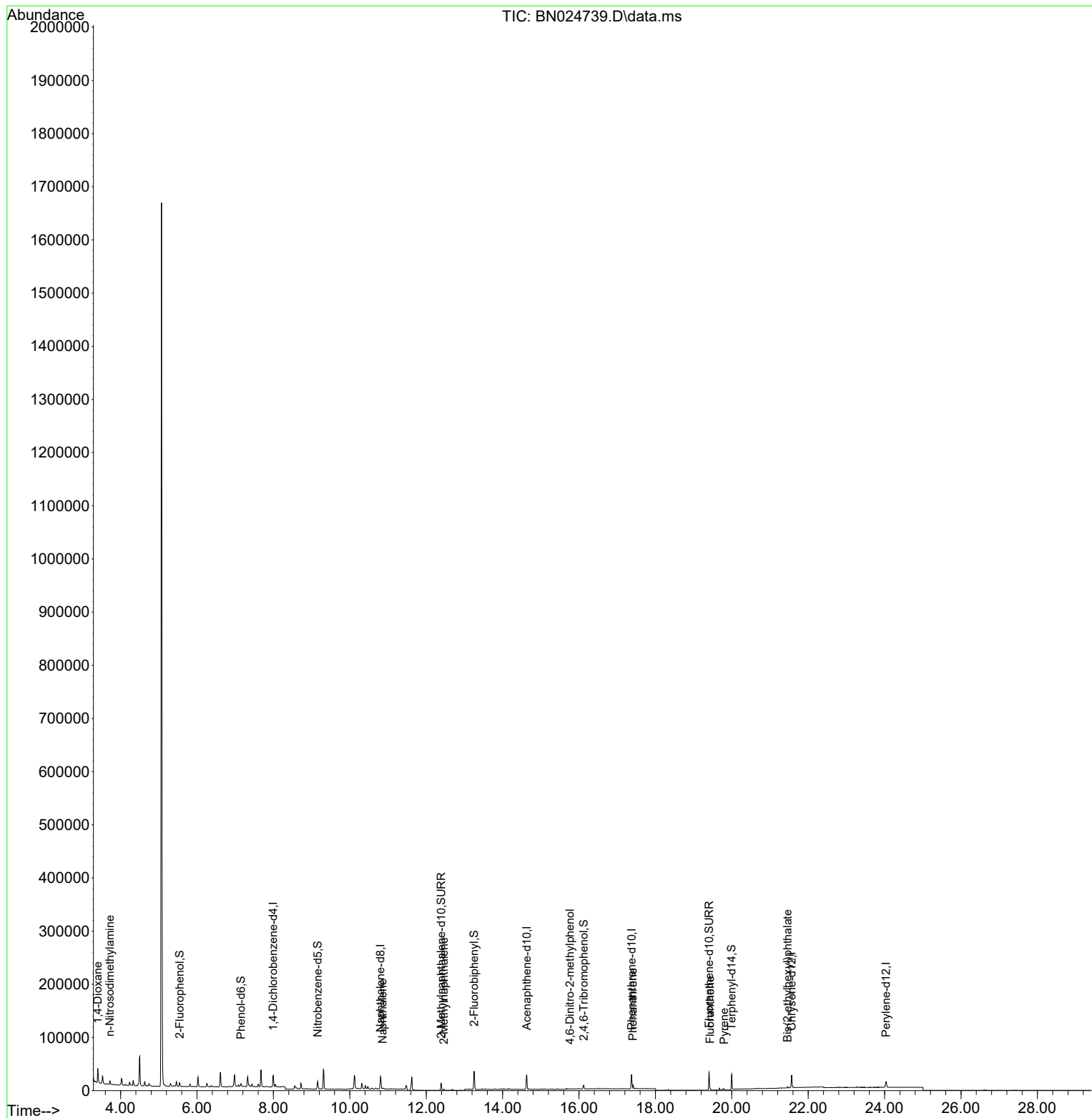
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.997	152	10224	0.400	ng	0.00
7) Naphthalene-d8	10.802	136	29923	0.400	ng	0.00
13) Acenaphthene-d10	14.632	164	16063	0.400	ng	0.00
19) Phenanthrene-d10	17.375	188	33794	0.400	ng	0.00
29) Chrysene-d12	21.565	240	21907	0.400	ng	# 0.00
35) Perylene-d12	24.035	264	16882	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.548	112	5345	0.230	ng	0.00
5) Phenol-d6	7.152	99	4413	0.151	ng	0.00
8) Nitrobenzene-d5	9.158	82	10107	0.433	ng	0.00
11) 2-Methylnaphthalene-d10	12.391	152	16930	0.441	ng	0.00
14) 2,4,6-Tribromophenol	16.122	330	3696	0.535	ng	0.00
15) 2-Fluorobiphenyl	13.253	172	27794	0.443	ng	0.00
27) Fluoranthene-d10	19.404	212	35773	0.500	ng	0.00
31) Terphenyl-d14	19.994	244	37664	0.595	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.403	88	14527	1.376	ng	# 91
3) n-Nitrosodimethylamine	3.721	42	849	0.048	ng	# 8
9) Naphthalene	10.855	128	1609	0.021	ng	# 84
12) 2-Methylnaphthalene	12.463	142	1569	0.030	ng	# 91
20) 4,6-Dinitro-2-methylph...	15.762	198	28	0.260	ng	# 1
25) Phenanthrene	17.413	178	6933	0.071	ng	98
28) Fluoranthene	19.433	202	2605	0.025	ng	# 81
30) Pyrene	19.796	202	2046	0.022	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.457	149	3291	0.105	ng	# 90

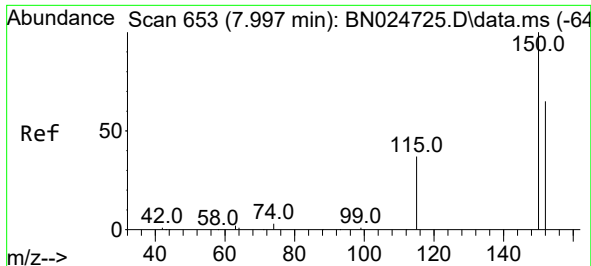
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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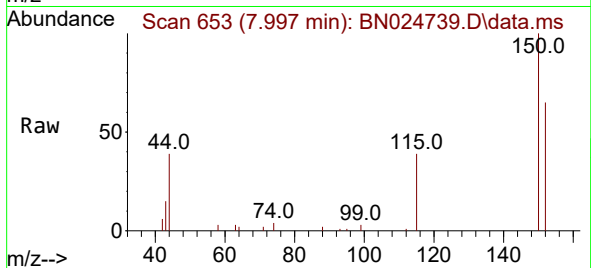
Quant Time: Apr 04 03:57:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040323.M
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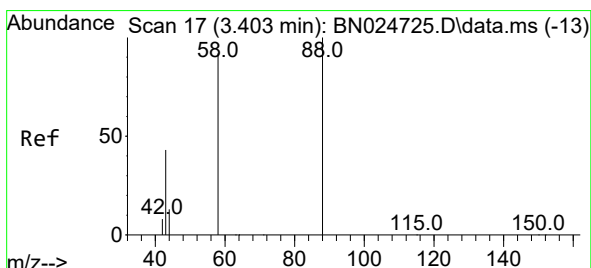
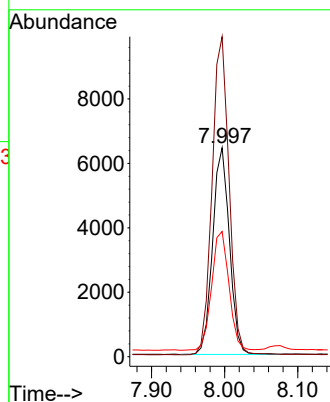
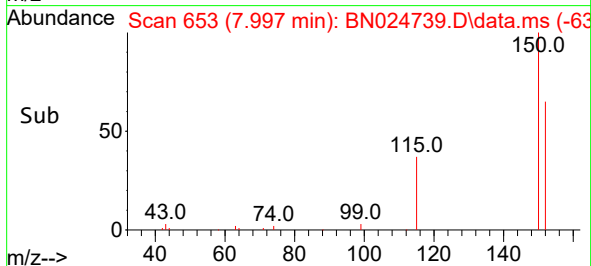


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.997 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024739.D
 Acq: 03 Apr 2023 21:01

Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-40-45-032323-FD

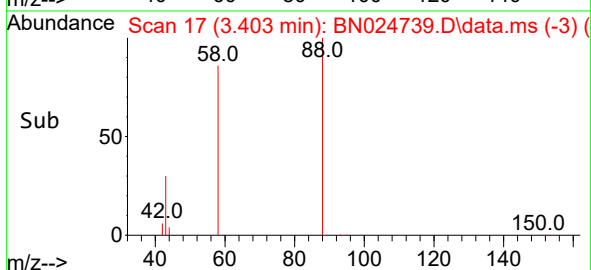
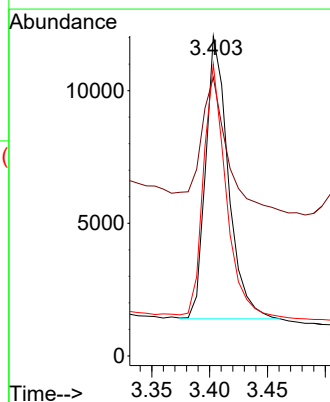
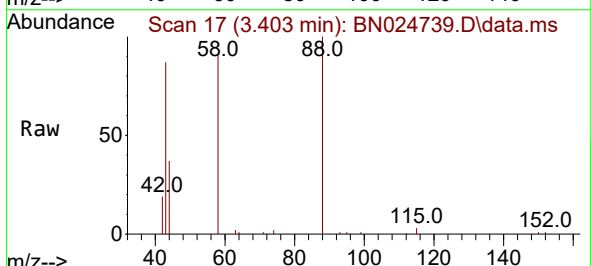


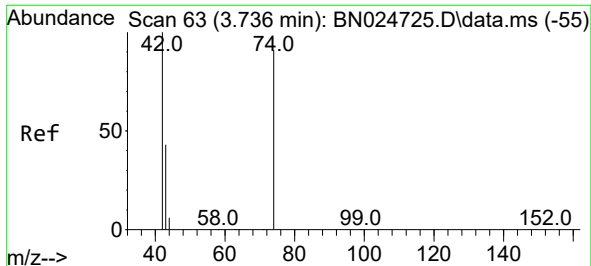
Tgt Ion:152 Resp: 10224
 Ion Ratio Lower Upper
 152 100
 150 153.2 123.0 184.4
 115 60.0 48.7 73.1



#2
 1,4-Dioxane
 Concen: 1.376 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: BN024739.D
 Acq: 03 Apr 2023 21:01

Tgt Ion: 88 Resp: 14527
 Ion Ratio Lower Upper
 88 100
 43 55.1 32.8 49.2#
 58 88.2 73.0 109.6

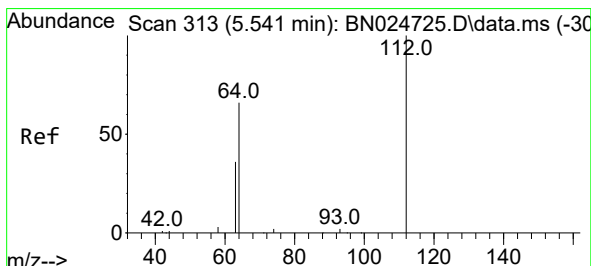
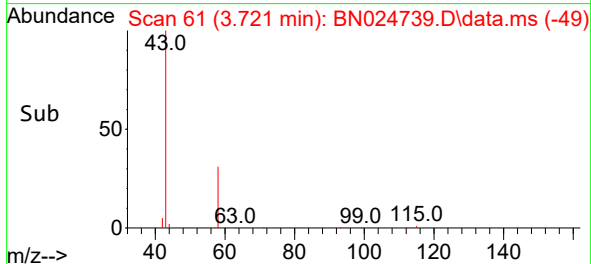
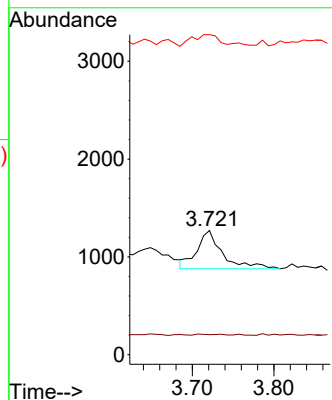
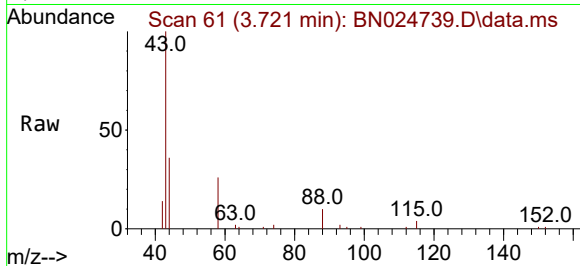




#3
 n-Nitrosodimethylamine
 Concen: 0.048 ng
 RT: 3.721 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN024739.D
 Acq: 03 Apr 2023 21:01

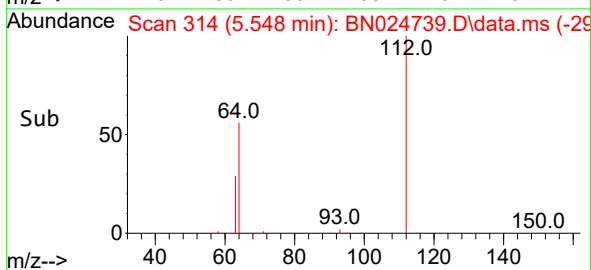
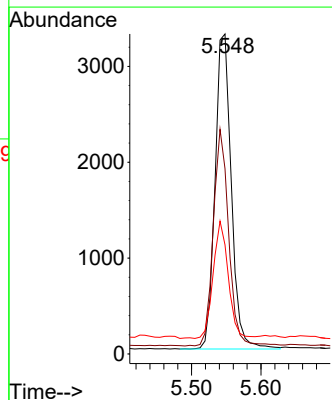
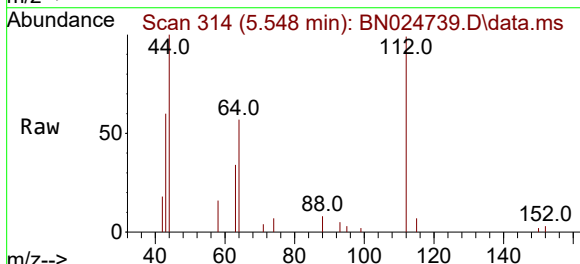
Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-40-45-032323-FD

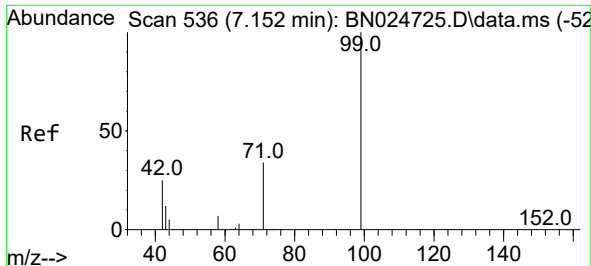
Tgt Ion: 42 Resp: 849
 Ion Ratio Lower Upper
 42 100
 74 1.5 73.9 110.9#
 44 31.8 7.6 11.4#



#4
 2-Fluorophenol
 Concen: 0.230 ng
 RT: 5.548 min Scan# 314
 Delta R.T. 0.007 min
 Lab File: BN024739.D
 Acq: 03 Apr 2023 21:01

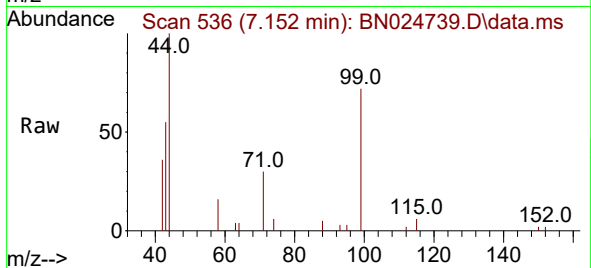
Tgt Ion: 112 Resp: 5345
 Ion Ratio Lower Upper
 112 100
 64 65.1 52.1 78.1
 63 34.1 28.7 43.1



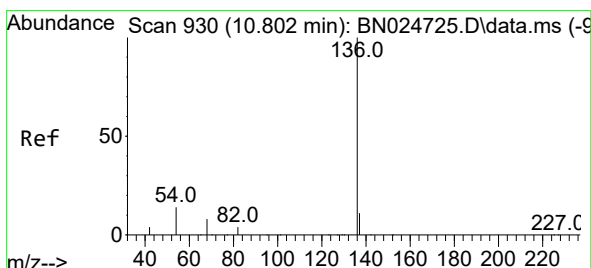
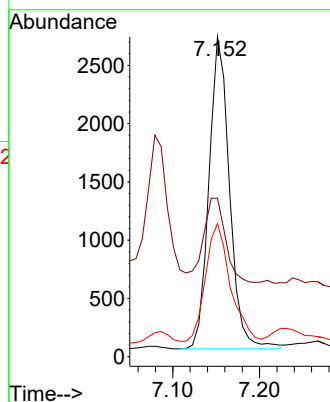
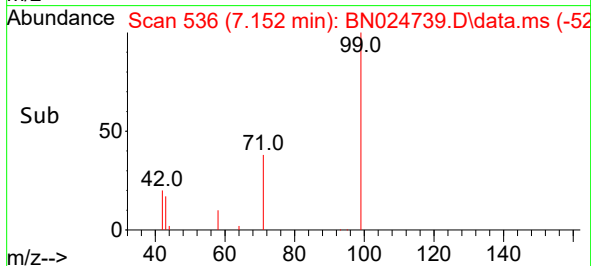


#5
Phenol-d6
Concen: 0.151 ng
RT: 7.152 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

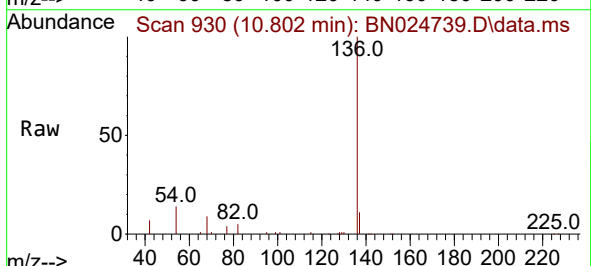
Instrument :
BNA_N
ClientSampleId :
GWCB-05-40-45-032323-FD



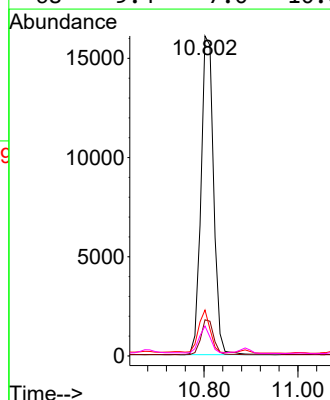
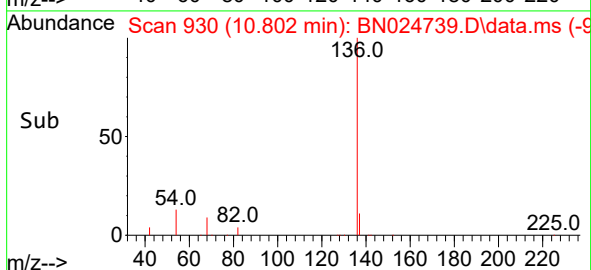
Tgt Ion: 99 Resp: 4413
Ion Ratio Lower Upper
99 100
42 28.9 23.7 35.5
71 45.3 28.2 42.4#

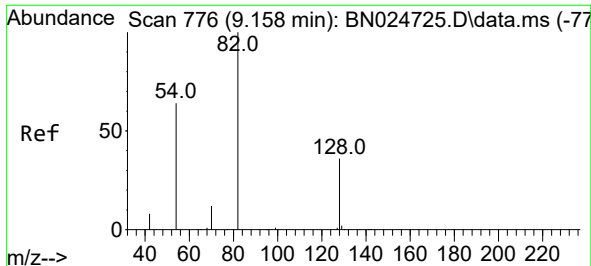


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.802 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01



Tgt Ion: 136 Resp: 29923
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 14.3 11.4 17.0
68 9.4 7.0 10.6

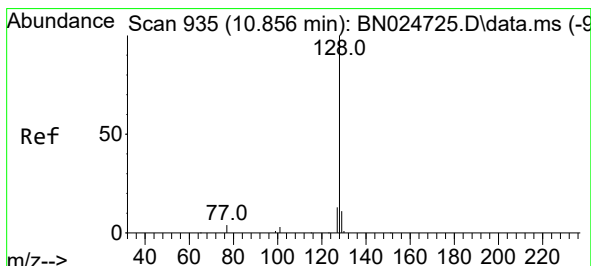
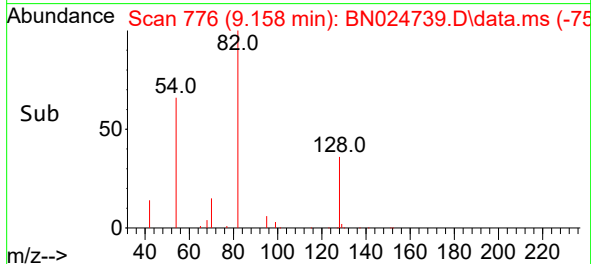
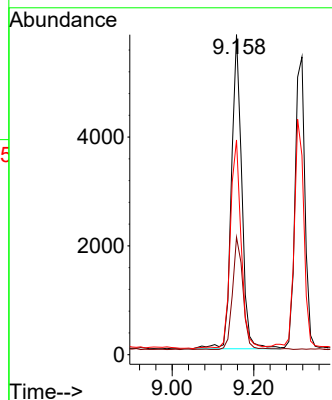
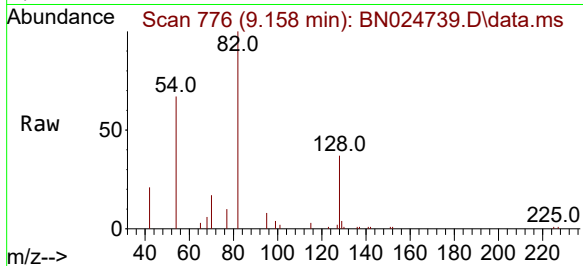




#8
Nitrobenzene-d5
Concen: 0.433 ng
RT: 9.158 min Scan# 776
Delta R.T. -0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

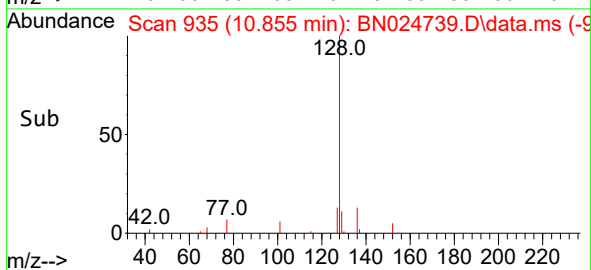
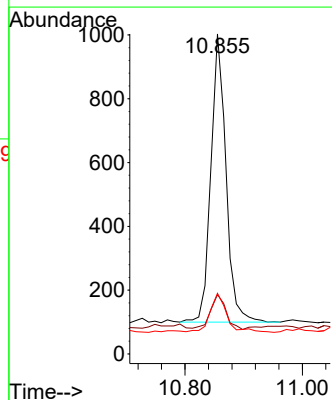
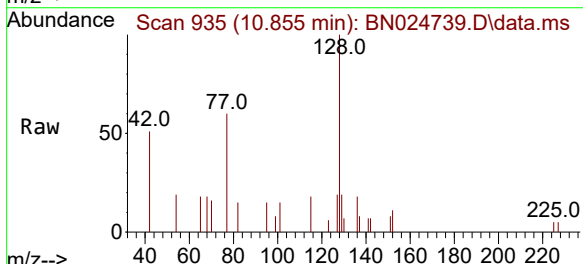
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GWCB-05-40-45-032323-FD

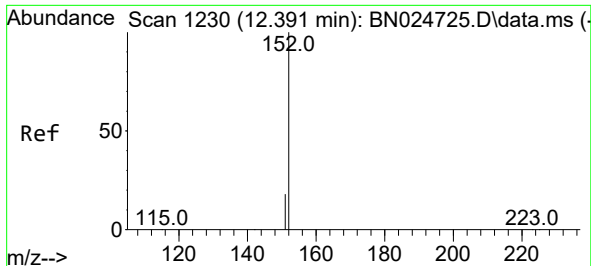
Tgt Ion: 82 Resp: 10107
Ion Ratio Lower Upper
82 100
128 36.7 29.4 44.2
54 67.1 51.3 76.9



#9
Naphthalene
Concen: 0.021 ng
RT: 10.855 min Scan# 935
Delta R.T. -0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

Tgt Ion: 128 Resp: 1609
Ion Ratio Lower Upper
128 100
129 18.5 9.0 13.6#
127 18.9 10.6 15.8#

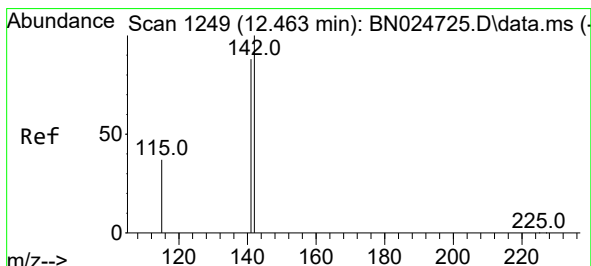
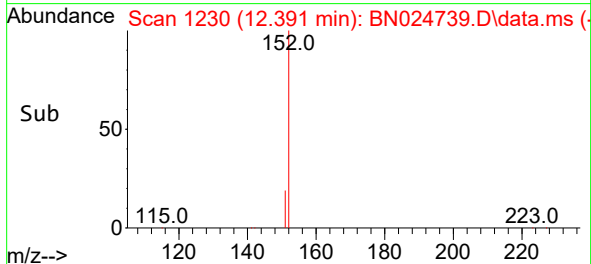
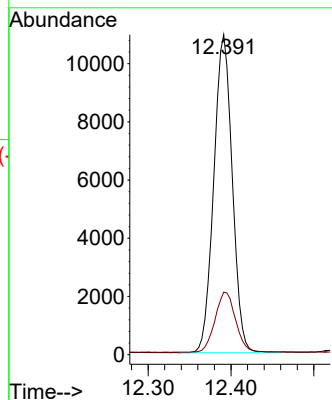
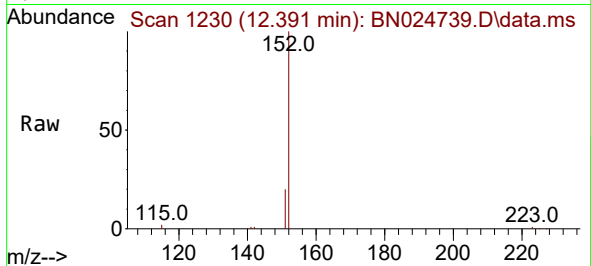




#11
2-Methylnaphthalene-d10
Concen: 0.441 ng
RT: 12.391 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

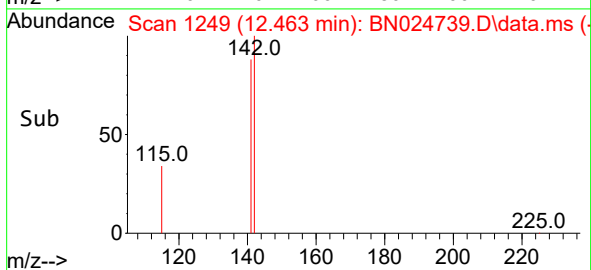
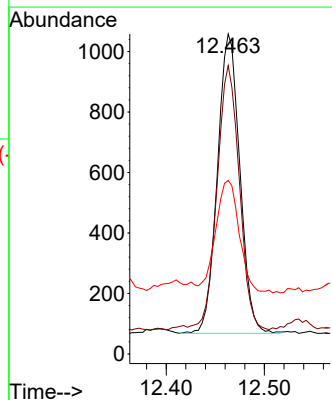
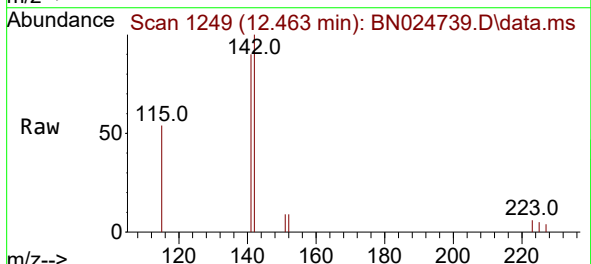
Instrument :
BNA_N
ClientSampleId :
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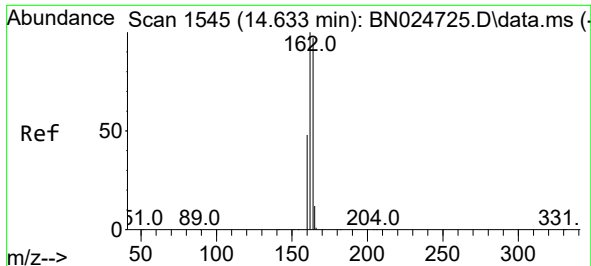
Tgt Ion:152 Resp: 16930
Ion Ratio Lower Upper
152 100
151 20.9 16.6 25.0



#12
2-Methylnaphthalene
Concen: 0.030 ng
RT: 12.463 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

Tgt Ion:142 Resp: 1569
Ion Ratio Lower Upper
142 100
141 90.1 70.5 105.7
115 54.3 30.9 46.3

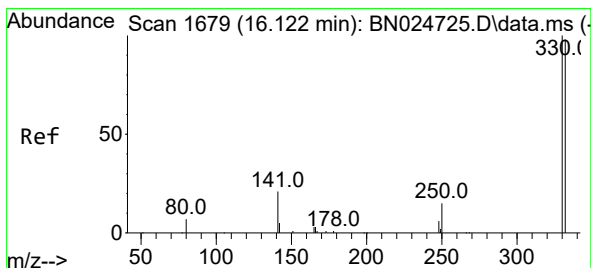
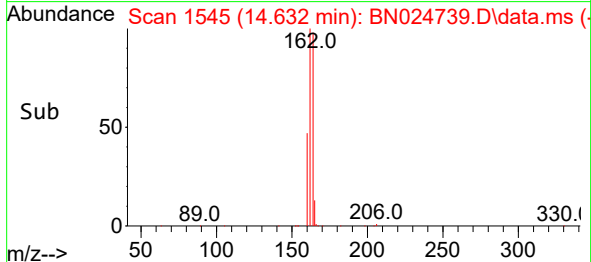
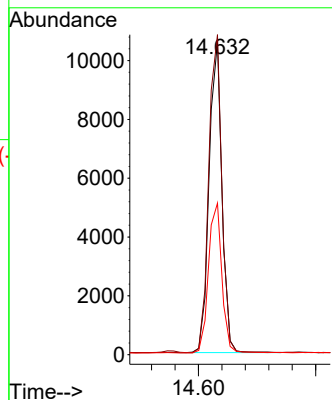
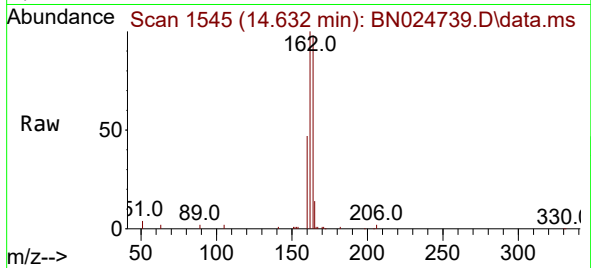




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.632 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

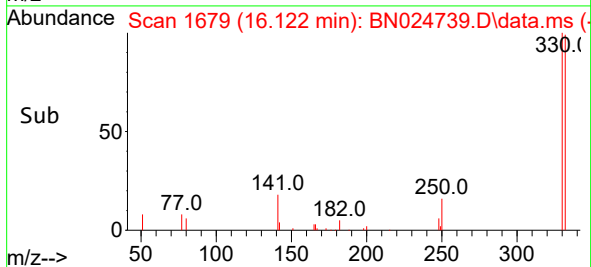
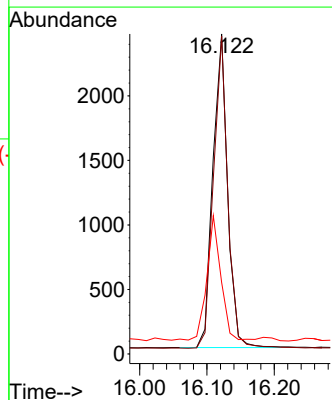
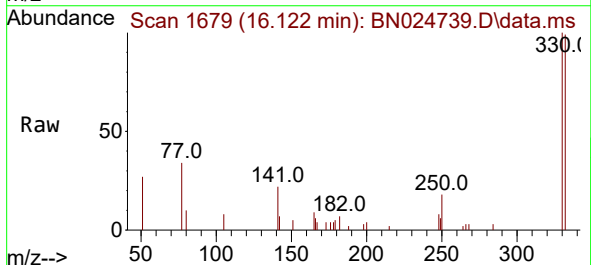
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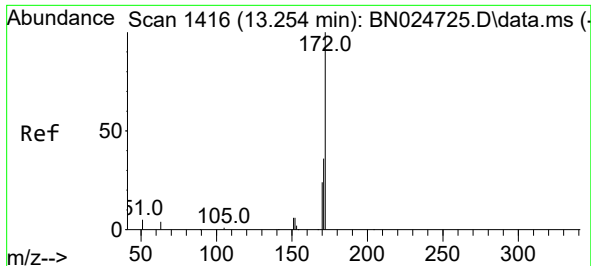
Tgt Ion:164 Resp: 16063
Ion Ratio Lower Upper
164 100
162 102.4 82.2 123.4
160 48.5 39.4 59.0



#14
2,4,6-Tribromophenol
Concen: 0.535 ng
RT: 16.122 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

Tgt Ion:330 Resp: 3696
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 38.2 29.6 44.4

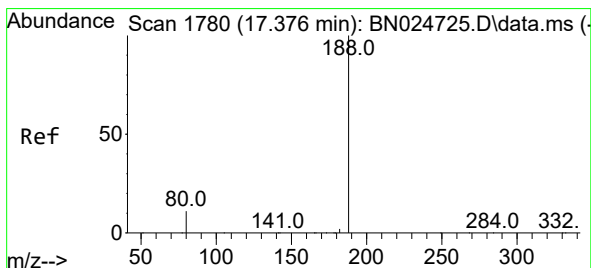
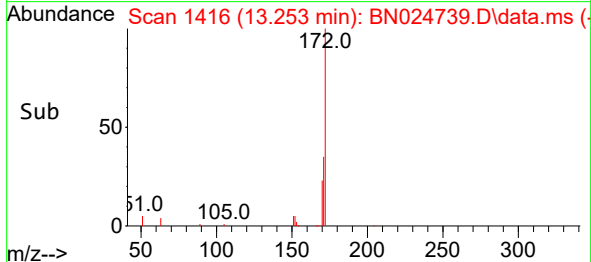
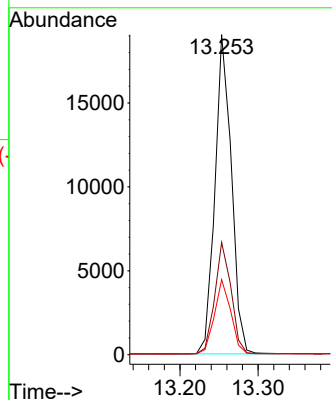
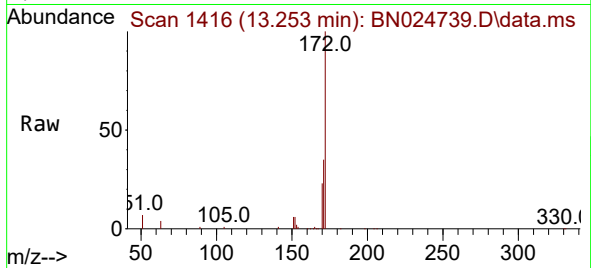




#15
2-Fluorobiphenyl
Concen: 0.443 ng
RT: 13.253 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

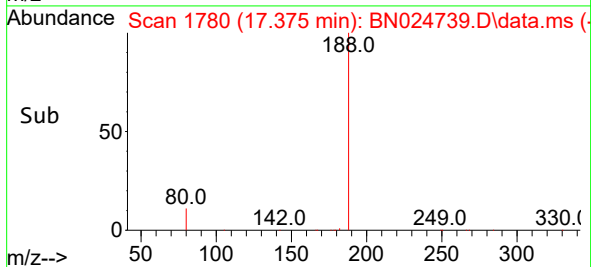
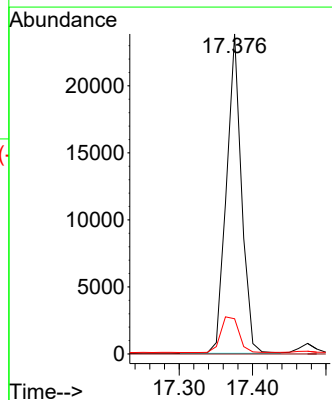
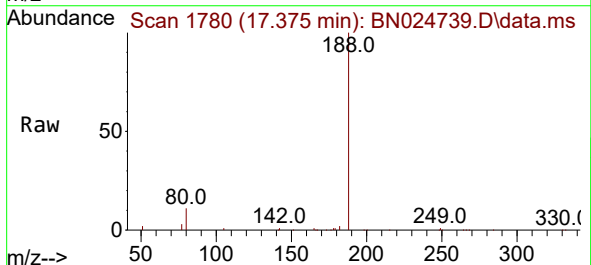
Instrument :
BNA_N
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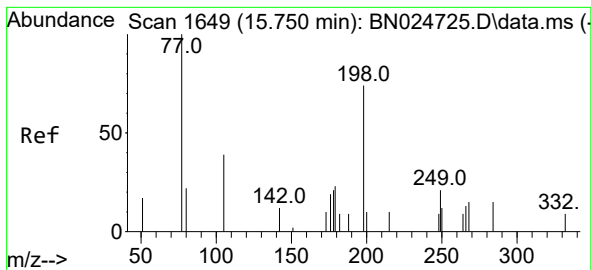
Tgt Ion:172 Resp: 27794
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.5 19.5 29.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.375 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

Tgt Ion:188 Resp: 33794
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 9.2 13.8

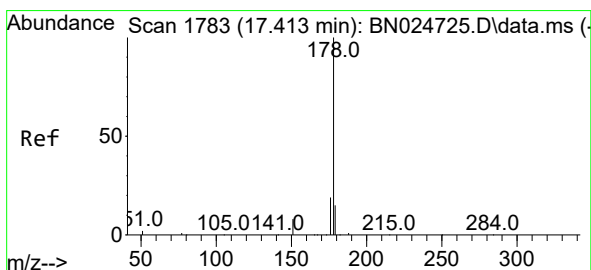
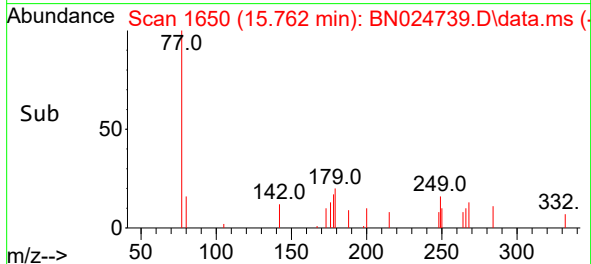
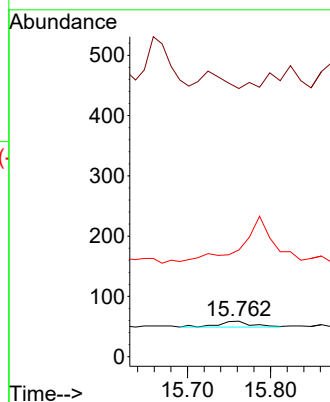
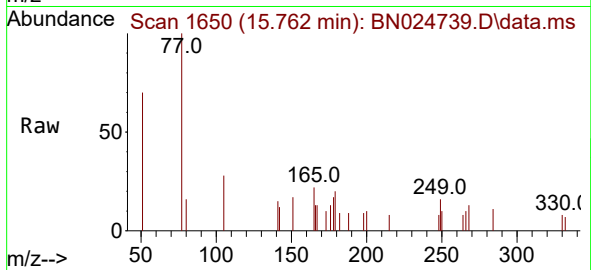




#20
4,6-Dinitro-2-methylphenol
Concen: 0.260 ng
RT: 15.762 min Scan# 1650
Delta R.T. 0.012 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

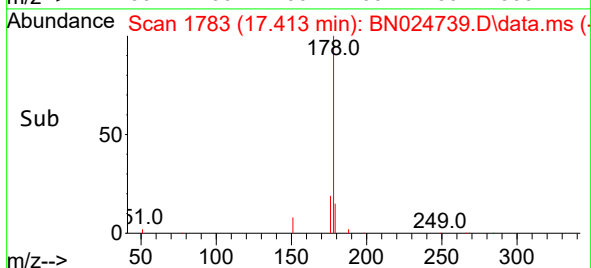
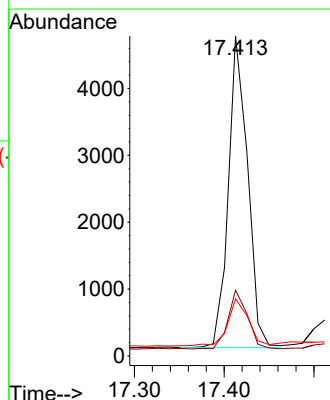
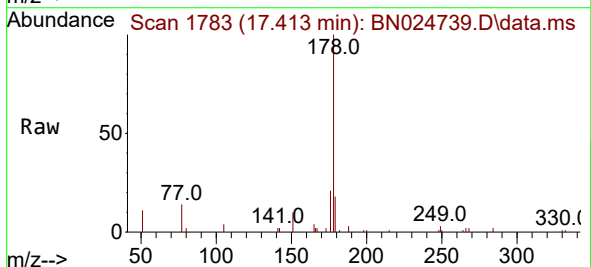
Instrument :
BNA_N
ClientSampleId :
GWCB-05-40-45-032323-FD

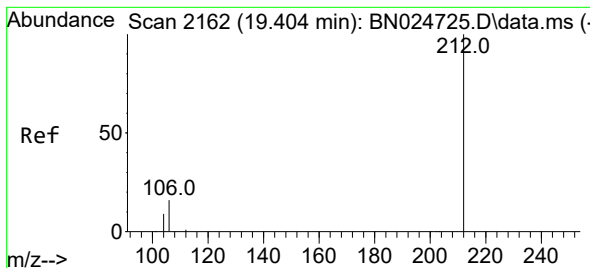
Tgt Ion:198 Resp: 28
Ion Ratio Lower Upper
198 100
51 754.2 118.9 178.3#
105 300.0 64.6 97.0#



#25
Phenanthrene
Concen: 0.071 ng
RT: 17.413 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

Tgt Ion:178 Resp: 6933
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 16.6 12.2 18.4





#27

Fluoranthene-d10

Concen: 0.500 ng

RT: 19.404 min Scan# 2162

Delta R.T. -0.000 min

Lab File: BN024739.D

Acq: 03 Apr 2023 21:01

Instrument :

BNA_N

ClientSampleId :

GWCB-05-40-45-032323-FD

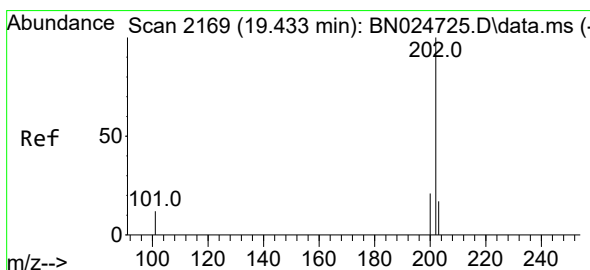
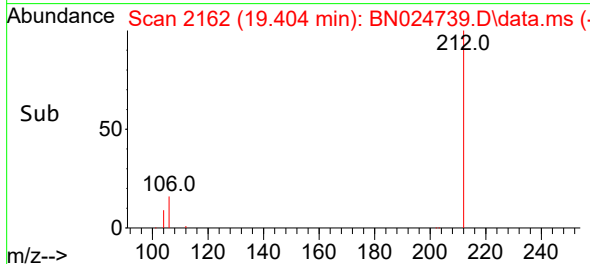
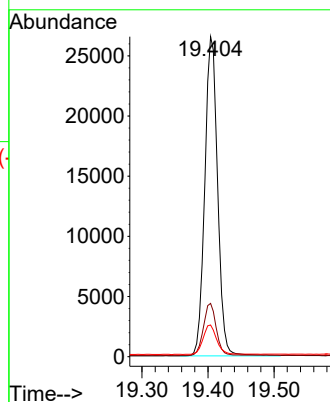
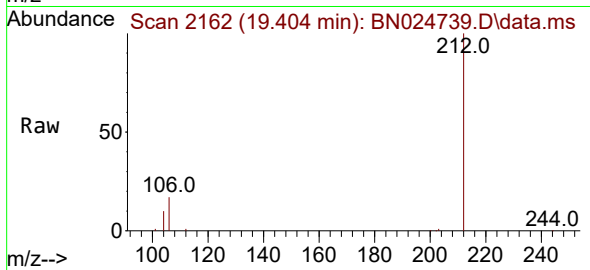
Tgt Ion:212 Resp: 35773

Ion Ratio Lower Upper

212 100

106 16.2 13.0 19.4

104 10.0 7.4 11.0



#28

Fluoranthene

Concen: 0.025 ng

RT: 19.433 min Scan# 2169

Delta R.T. -0.000 min

Lab File: BN024739.D

Acq: 03 Apr 2023 21:01

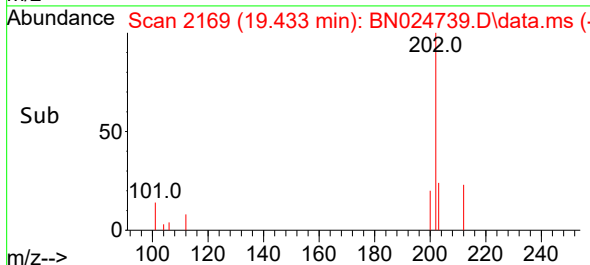
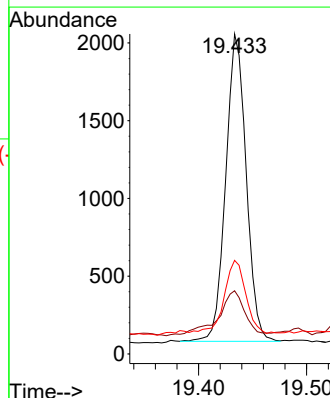
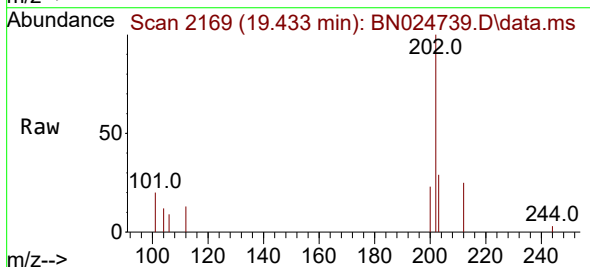
Tgt Ion:202 Resp: 2605

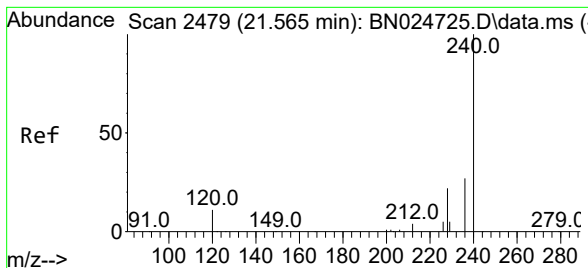
Ion Ratio Lower Upper

202 100

101 19.7 10.1 15.1#

203 25.4 13.6 20.4#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.565 min Scan# 2479

Delta R.T. -0.000 min

Lab File: BN024739.D

Acq: 03 Apr 2023 21:01

Instrument :

BNA_N

ClientSampleId :

GWCB-05-40-45-032323-FD

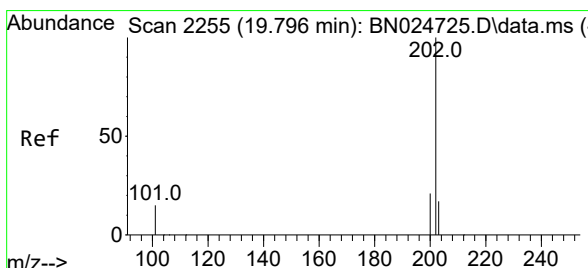
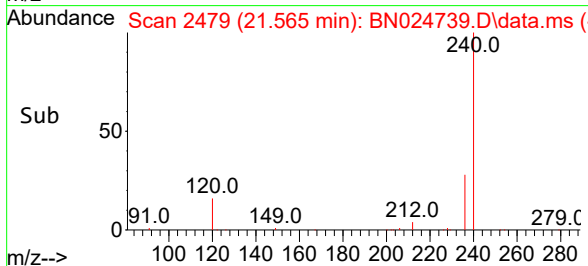
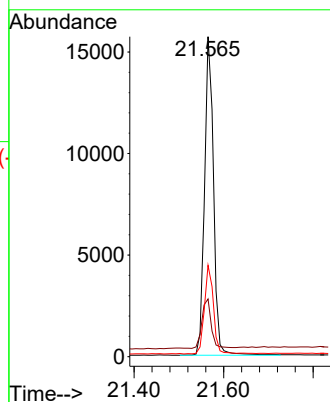
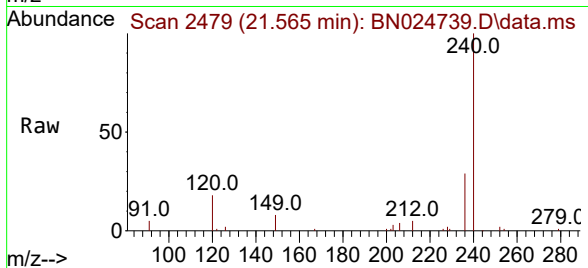
Tgt Ion:240 Resp: 21907

Ion Ratio Lower Upper

240 100

120 18.0 10.6 16.0#

236 28.6 22.3 33.5



#30

Pyrene

Concen: 0.022 ng

RT: 19.796 min Scan# 2255

Delta R.T. -0.000 min

Lab File: BN024739.D

Acq: 03 Apr 2023 21:01

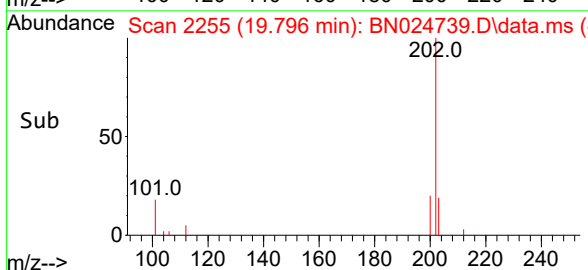
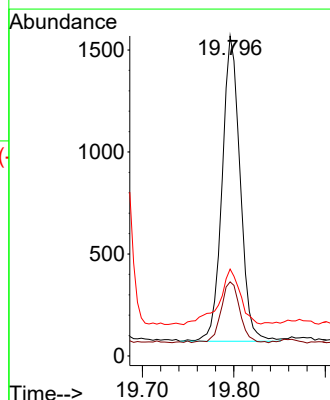
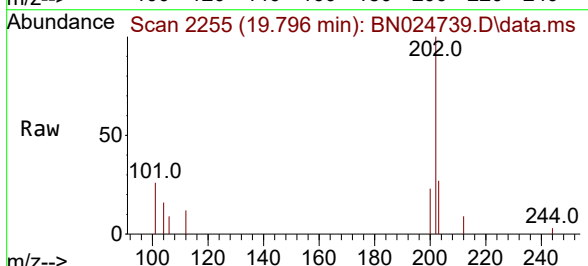
Tgt Ion:202 Resp: 2046

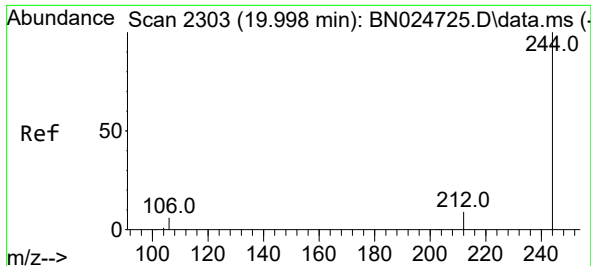
Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

203 21.4 14.2 21.2#

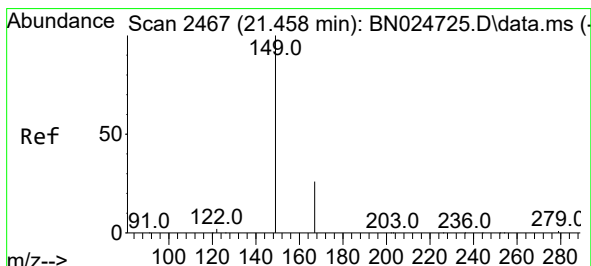
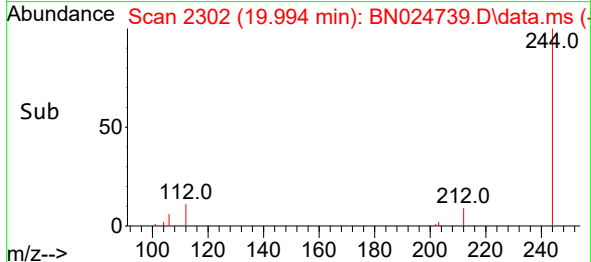
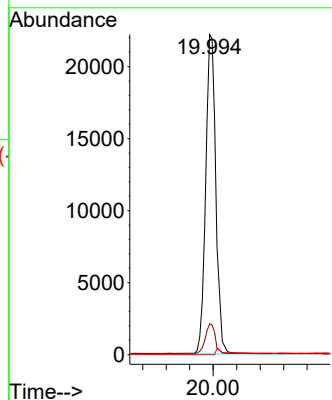
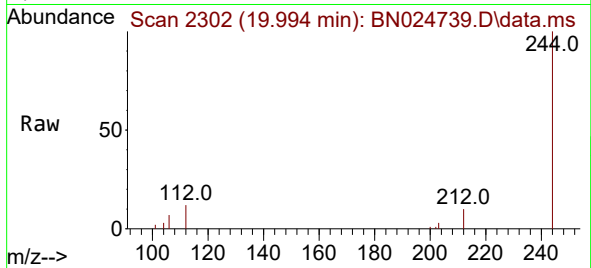




#31
Terphenyl-d14
Concen: 0.595 ng
RT: 19.994 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

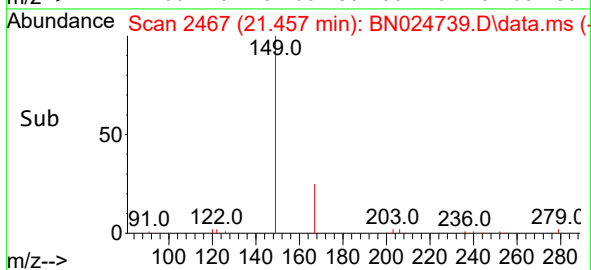
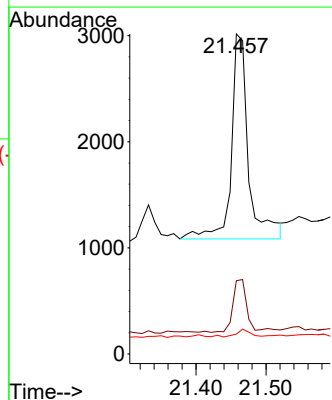
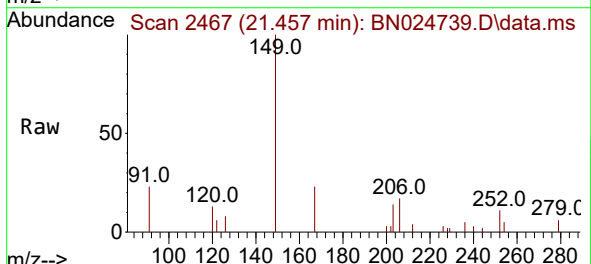
Instrument :
BNA_N
ClientSampleId :
GWCB-05-40-45-032323-FD

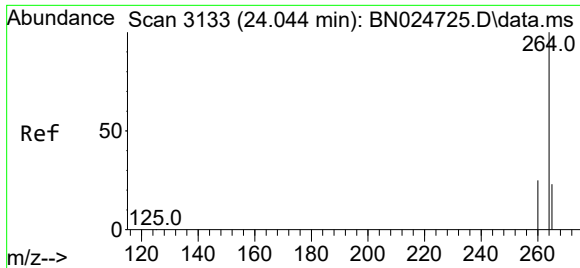
Tgt Ion:244 Resp: 37664
Ion Ratio Lower Upper
244 100
212 9.7 7.4 11.0
122 0.0 0.0 0.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.105 ng
RT: 21.457 min Scan# 2467
Delta R.T. -0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

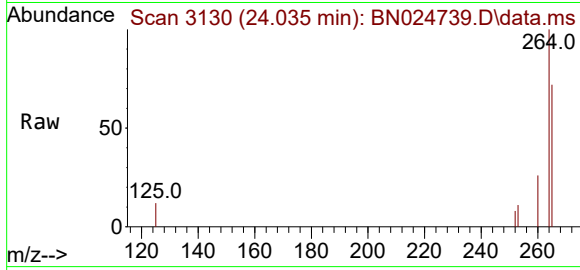
Tgt Ion:149 Resp: 3291
Ion Ratio Lower Upper
149 100
167 20.6 21.0 31.6#
279 2.7 2.8 4.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.035 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BN024739.D
 Acq: 03 Apr 2023 21:01

Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-40-45-032323-FD



Tgt Ion:264 Resp: 16882
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.6 31.0
 265 71.5 62.5 93.7

