

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062622\
 Data File : BN020477.D
 Acq On : 26 Jun 2022 22:31
 Operator : CG/JU
 Sample : N3354-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-50

Quant Time: Jun 27 02:52:26 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 02:03:21 2022
 Response via : Initial Calibration

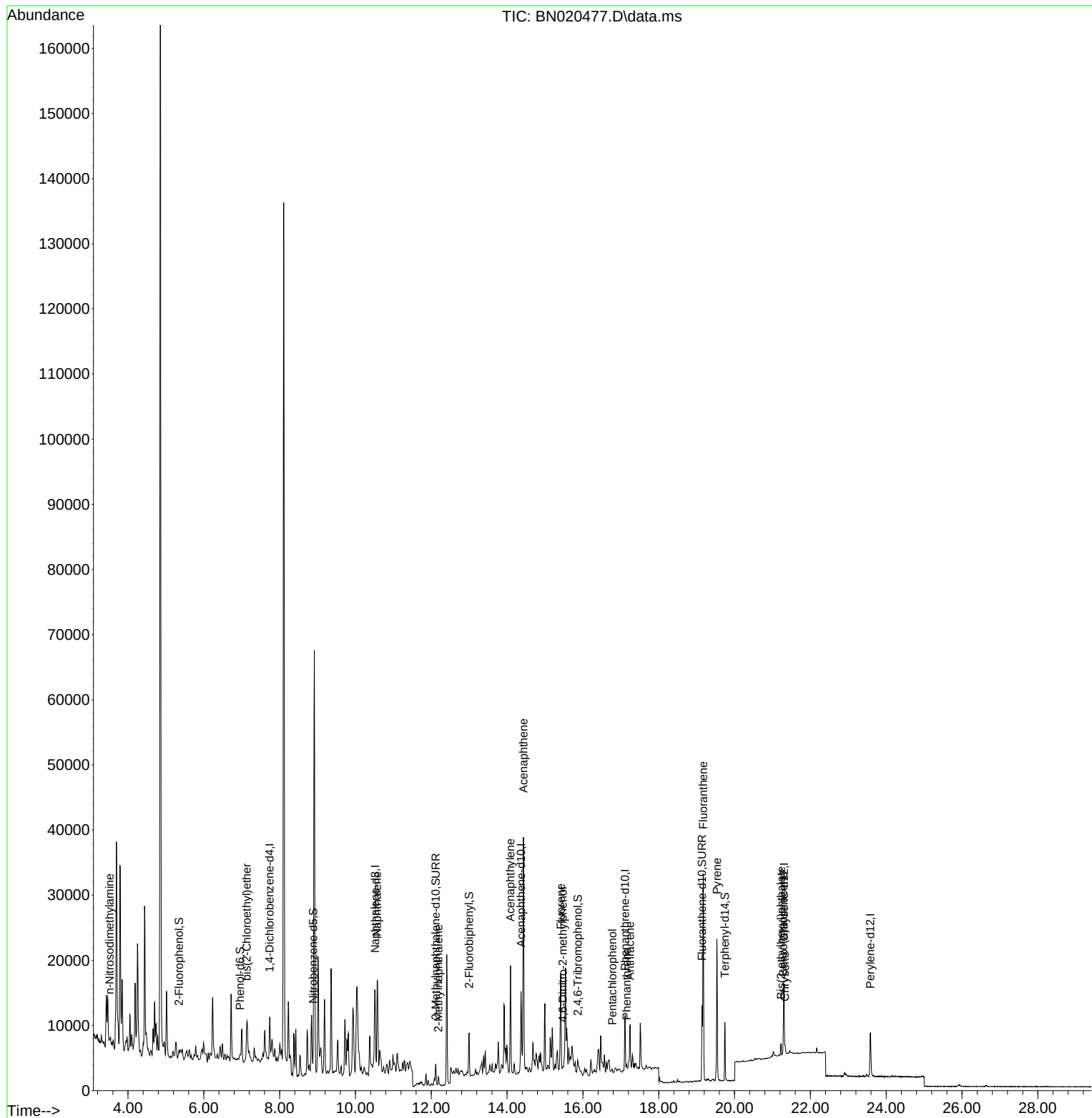
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	2736	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	9029	0.400	ng	# 0.00
13) Acenaphthene-d10	14.367	164	6478	0.400	ng	# 0.00
19) Phenanthrene-d10	17.113	188	11513	0.400	ng	0.00
29) Chrysene-d12	21.306	240	10439	0.400	ng	# 0.00
35) Perylene-d12	23.583	264	9609	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1300	0.171	ng	0.00
5) Phenol-d6	6.952	99	1046	0.115	ng	0.00
8) Nitrobenzene-d5	8.886	82	1862	0.254	ng	-0.01
11) 2-Methylnaphthalene-d10	12.117	152	4769	0.308	ng	0.00
14) 2,4,6-Tribromophenol	15.861	330	887	0.363	ng	0.00
15) 2-Fluorobiphenyl	12.999	172	6366	0.238	ng	0.00
27) Fluoranthene-d10	19.143	212	13036	0.381	ng	0.00
31) Terphenyl-d14	19.746	244	10194	0.409	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.514	42	157	0.048	ng	# 18
6) bis(2-Chloroethyl)ether	7.132	93	372	0.048	ng	# 1
9) Naphthalene	10.573	128	4832	0.179	ng	# 1
12) 2-Methylnaphthalene	12.189	142	1077	0.060	ng	# 78
16) Acenaphthylene	14.089	152	2044	0.066	ng	# 7
17) Acenaphthene	14.431	154	17278	0.816	ng	97
18) Fluorene	15.415	166	5843	0.211	ng	# 96
20) 4,6-Dinitro-2-methylph...	15.468	198	219	0.322	ng	# 26
24) Pentachlorophenol	16.774	266	17	0.191	ng	# 36
25) Phenanthrene	17.154	178	926	0.024	ng	98
26) Anthracene	17.246	178	8311	0.248	ng	# 91
28) Fluoranthene	19.173	202	29348	0.693	ng	100
30) Pyrene	19.535	202	19594	0.443	ng	# 94
32) Benzo(a)anthracene	21.288	228	1739	0.047	ng	# 78
33) Chrysene	21.333	228	1087	0.026	ng	# 64
34) Bis(2-ethylhexyl)phtha...	21.225	149	1857	0.088	ng	# 99

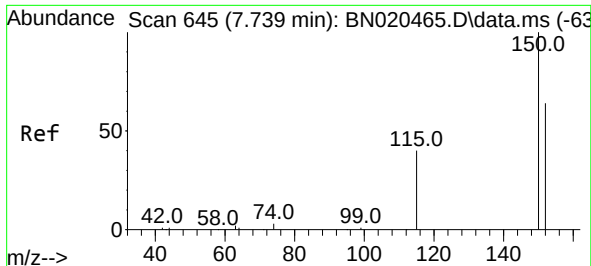
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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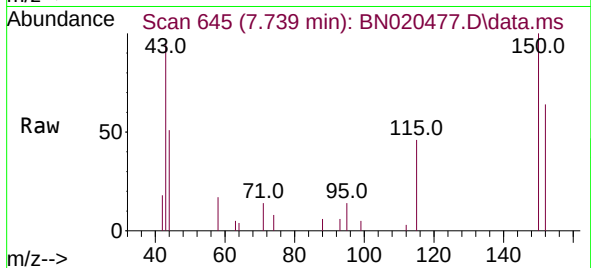
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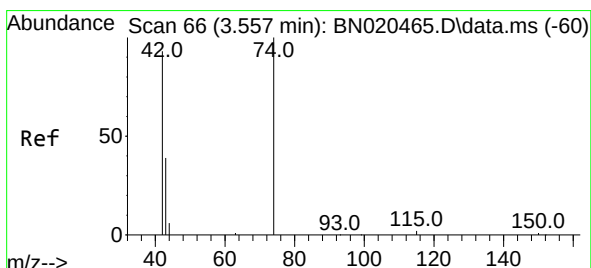
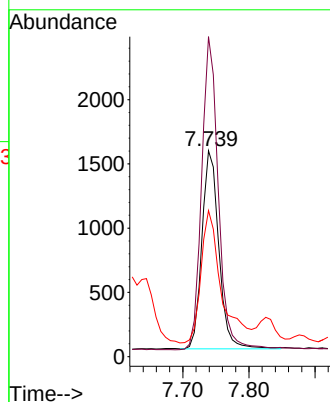
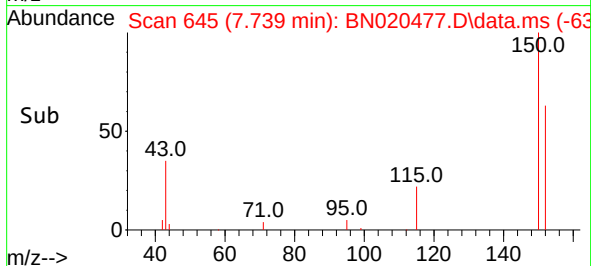


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.739 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN020477.D
 Acq: 26 Jun 2022 22:31

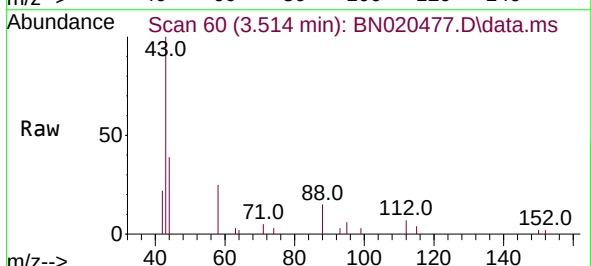
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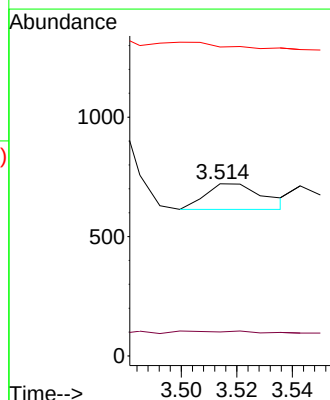
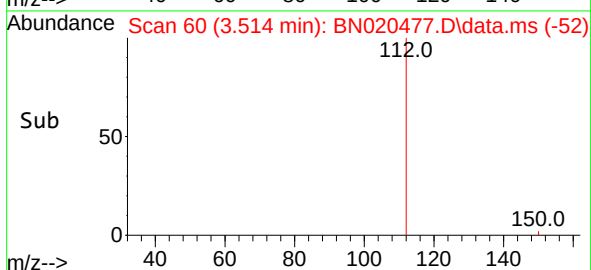
Tgt Ion:152 Resp: 2736
 Ion Ratio Lower Upper
 152 100
 150 155.4 127.9 191.9
 115 71.0 51.4 77.2

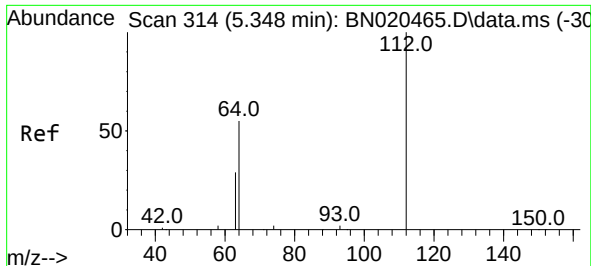


#3
 n-Nitrosodimethylamine
 Concen: 0.048 ng
 RT: 3.514 min Scan# 60
 Delta R.T. -0.043 min
 Lab File: BN020477.D
 Acq: 26 Jun 2022 22:31



Tgt Ion: 42 Resp: 157
 Ion Ratio Lower Upper
 42 100
 74 14.0 84.0 126.0#
 44 0.0 9.8 14.8#

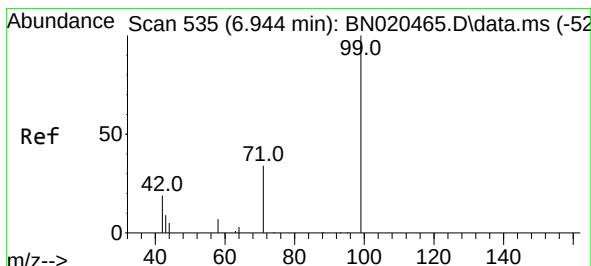
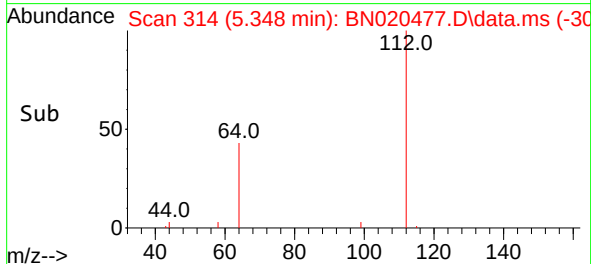
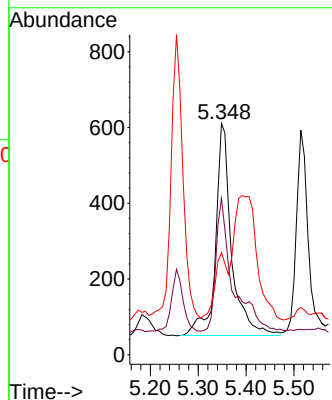
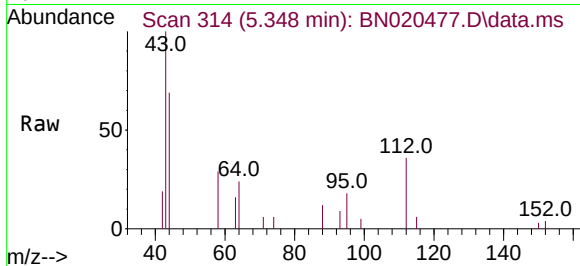




#4
2-Fluorophenol
Concen: 0.171 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

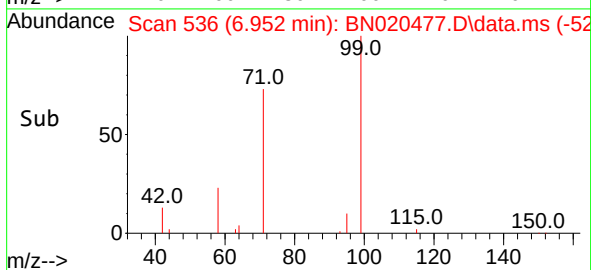
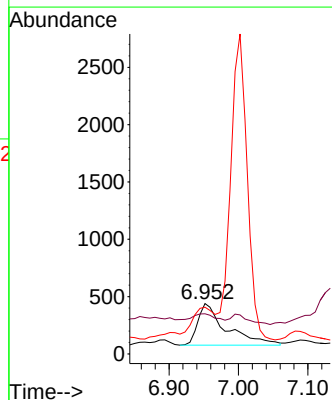
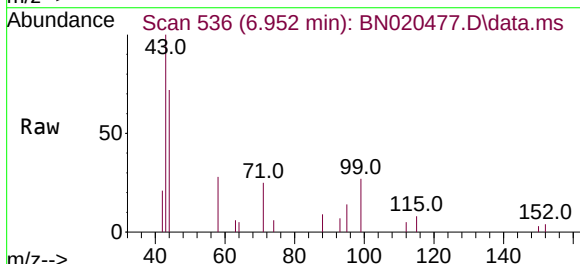
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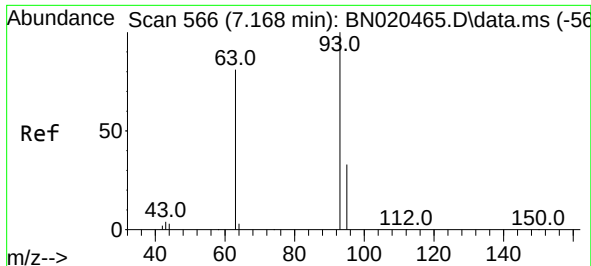
Tgt Ion: 112 Resp: 1300
Ion Ratio Lower Upper
112 100
64 64.7 49.1 73.7
63 23.8 26.3 39.5#



#5
Phenol-d6
Concen: 0.115 ng
RT: 6.952 min Scan# 536
Delta R.T. 0.007 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

Tgt Ion: 99 Resp: 1046
Ion Ratio Lower Upper
99 100
42 13.2 19.3 28.9#
71 70.6 27.5 41.3#

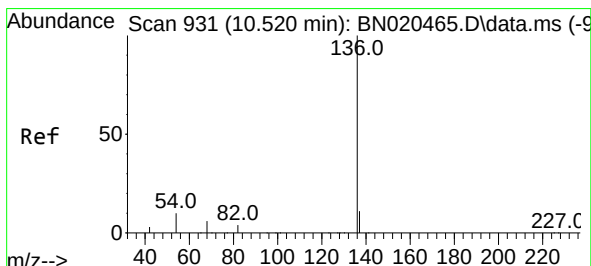
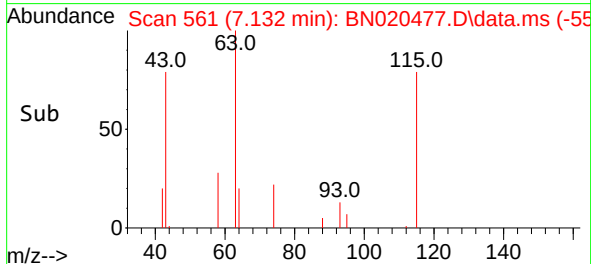
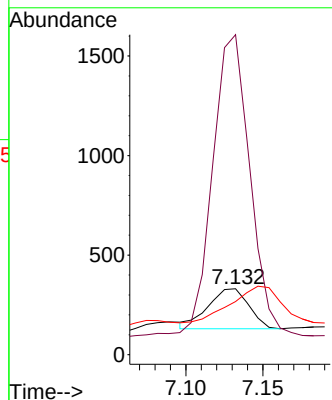
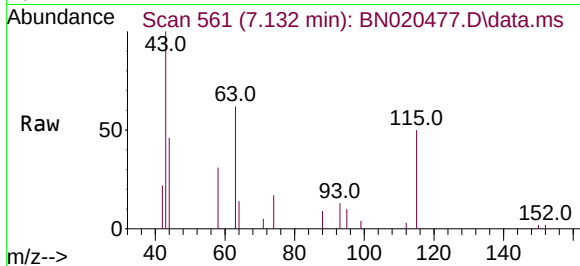




#6
bis(2-Chloroethyl)ether
Concen: 0.048 ng
RT: 7.132 min Scan# 566
Delta R.T. -0.036 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

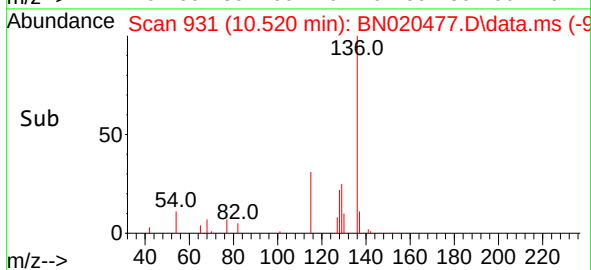
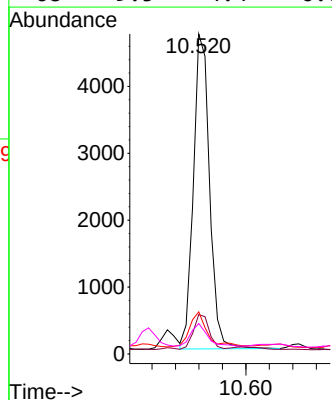
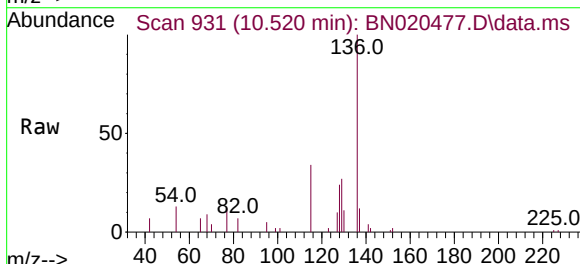
Instrument :
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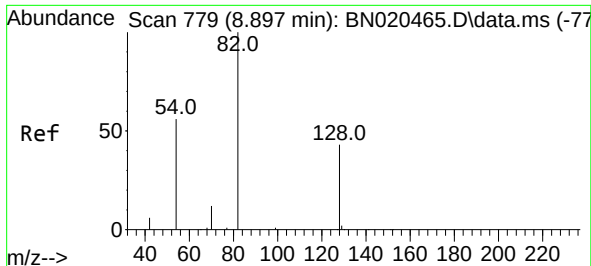
Tgt Ion: 93 Resp: 372
Ion Ratio Lower Upper
93 100
63 684.1 67.4 101.0#
95 119.1 26.5 39.7#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. 0.000 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

Tgt Ion:136 Resp: 9029
Ion Ratio Lower Upper
136 100
137 12.3 9.0 13.6
54 13.1 6.2 9.2#
68 9.5 4.4 6.6#

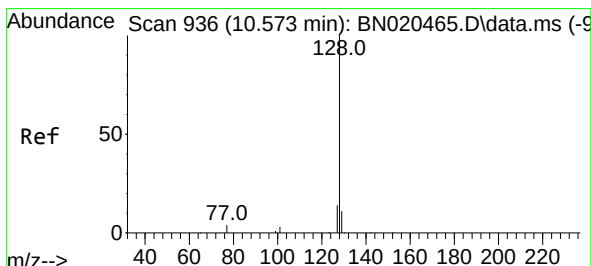
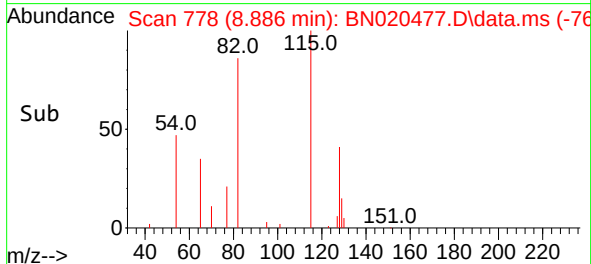
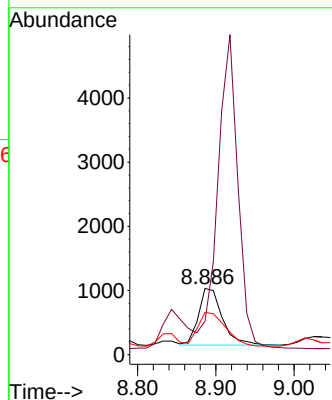
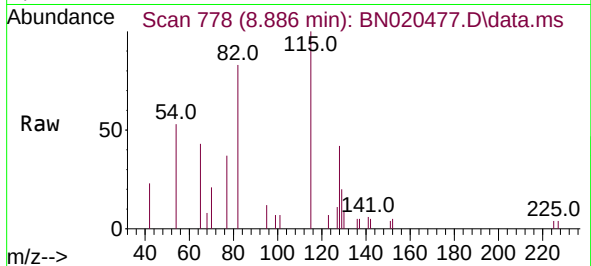




#8
 Nitrobenzene-d5
 Concen: 0.254 ng
 RT: 8.886 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN020477.D
 Acq: 26 Jun 2022 22:31

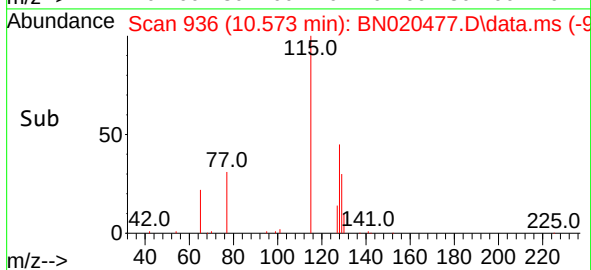
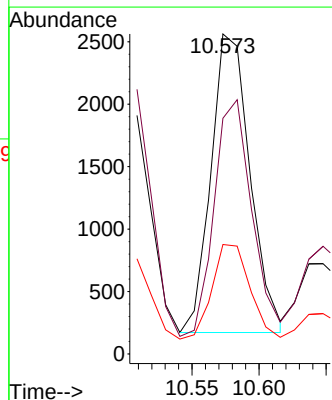
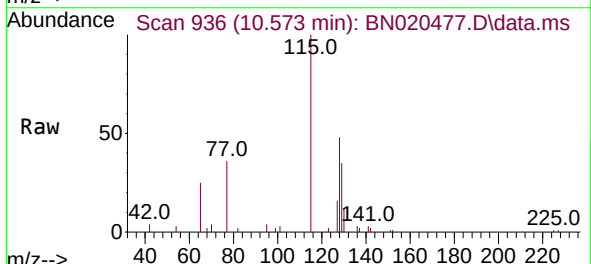
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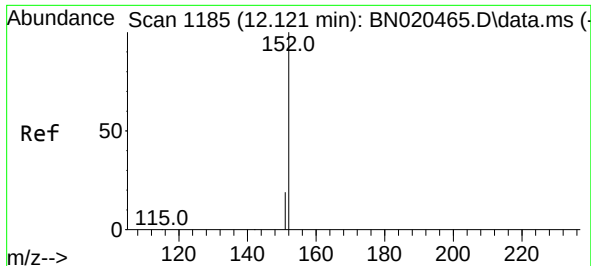
Tgt Ion: 82 Resp: 1862
 Ion Ratio Lower Upper
 82 100
 128 50.5 35.0 52.6
 54 63.9 46.2 69.4



#9
 Naphthalene
 Concen: 0.179 ng
 RT: 10.573 min Scan# 936
 Delta R.T. 0.000 min
 Lab File: BN020477.D
 Acq: 26 Jun 2022 22:31

Tgt Ion: 128 Resp: 4832
 Ion Ratio Lower Upper
 128 100
 129 73.7 8.9 13.3#
 127 34.2 10.8 16.2#

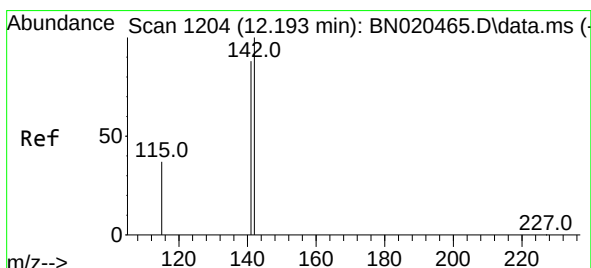
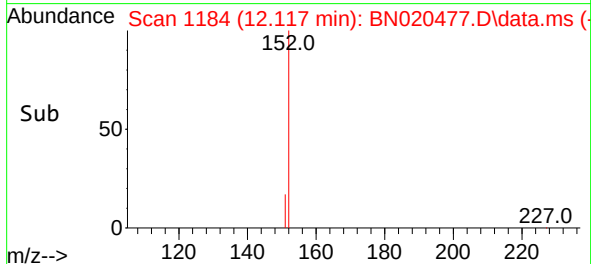
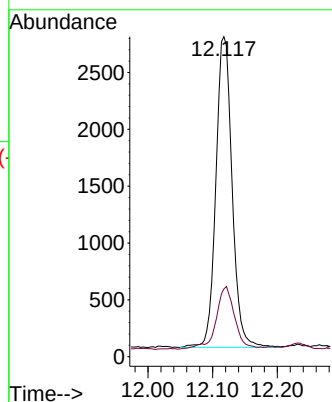
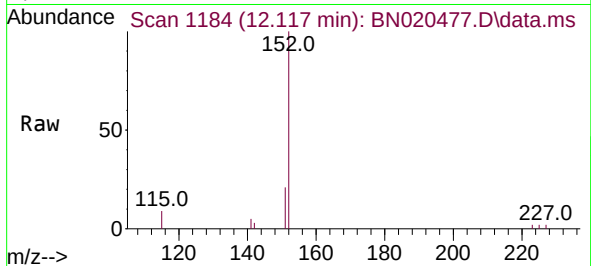




#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 12.117 min Scan# 1184
Delta R.T. -0.004 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

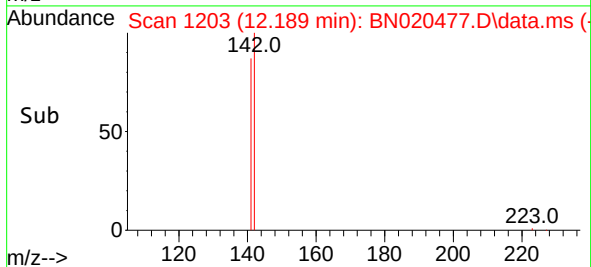
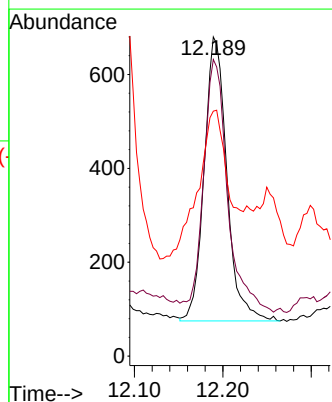
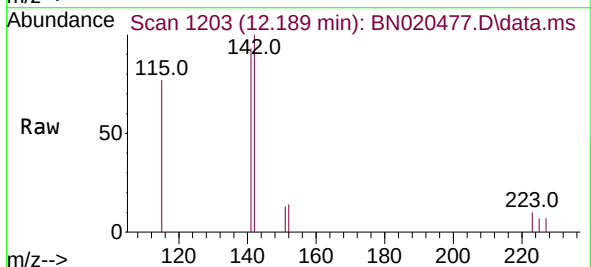
Instrument :
BNA_N
ClientSampleId :
MW-50

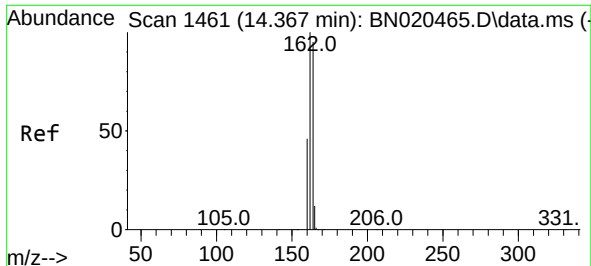
Tgt Ion:152 Resp: 4769
Ion Ratio Lower Upper
152 100
151 23.1 16.2 24.4



#12
2-Methylnaphthalene
Concen: 0.060 ng
RT: 12.189 min Scan# 1203
Delta R.T. -0.004 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

Tgt Ion:142 Resp: 1077
Ion Ratio Lower Upper
142 100
141 92.9 71.6 107.4
115 76.8 29.8 44.8#

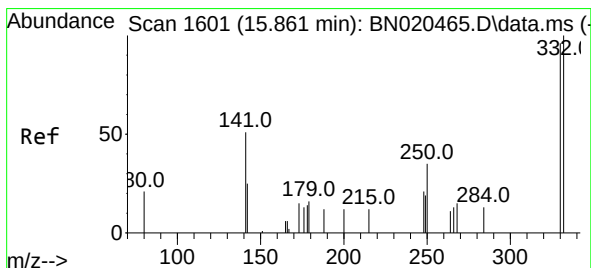
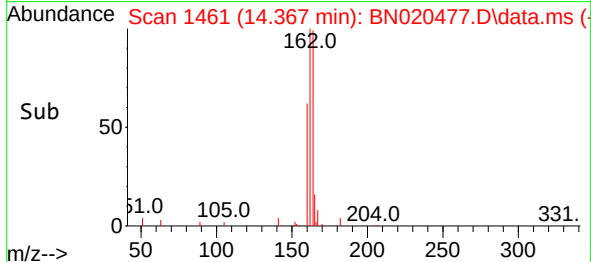
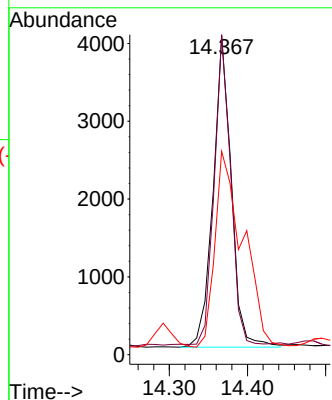
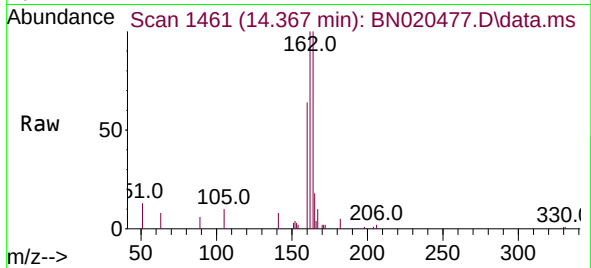




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.367 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

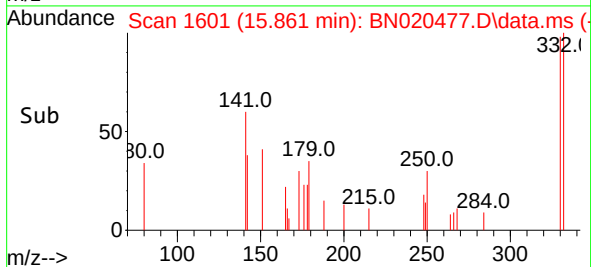
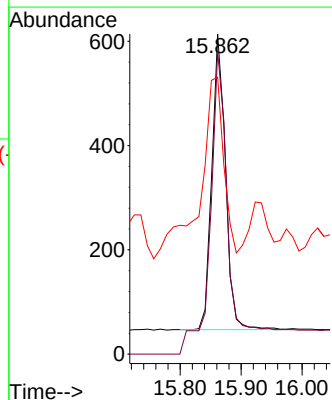
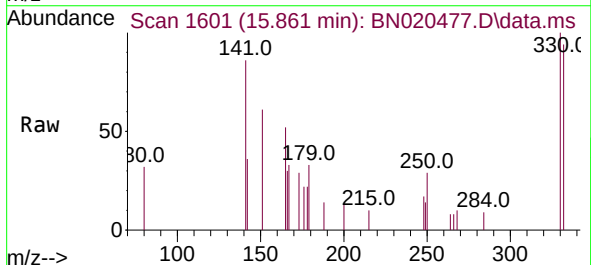
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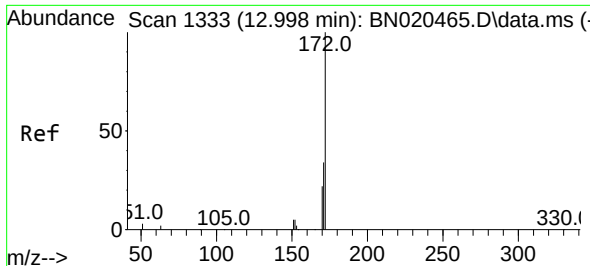
Tgt Ion:164 Resp: 6478
Ion Ratio Lower Upper
164 100
162 100.4 82.1 123.1
160 63.8 38.6 58.0#



#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.861 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

Tgt Ion:330 Resp: 887
Ion Ratio Lower Upper
330 100
332 146.7 77.6 116.4#
141 94.5 41.0 61.4#

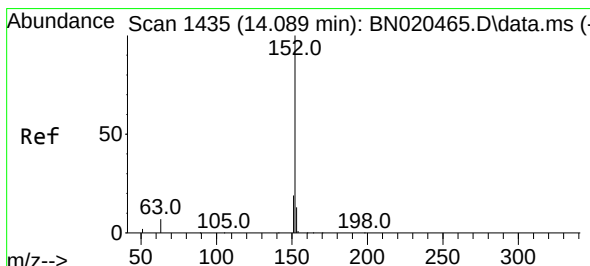
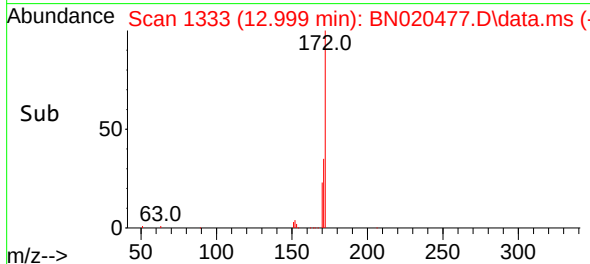
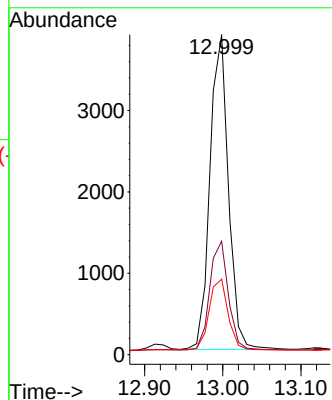
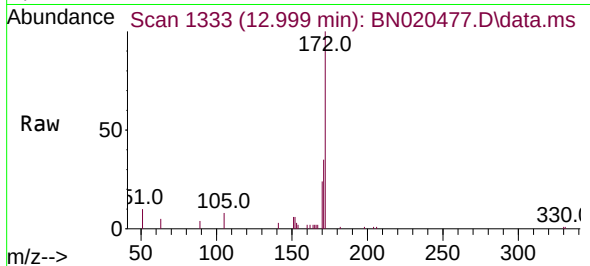




#15
2-Fluorobiphenyl
Concen: 0.238 ng
RT: 12.999 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

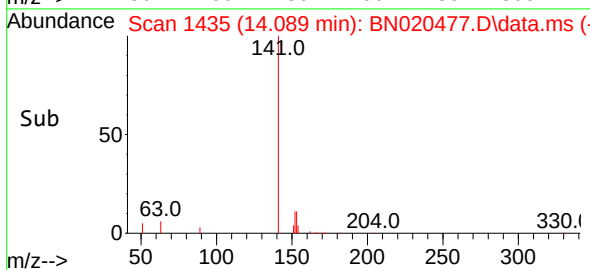
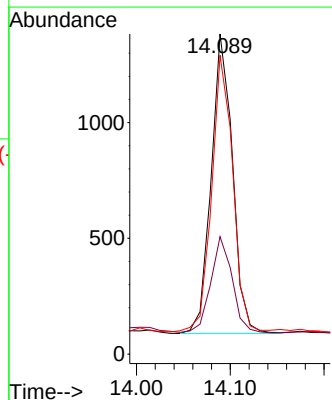
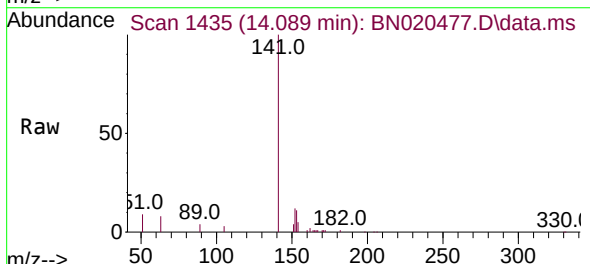
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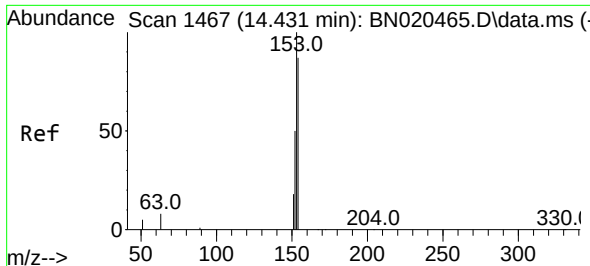
Tgt Ion:	172	Resp:	6366
Ion Ratio	Lower	Upper	
172	100		
171	35.4	27.2	40.8
170	23.6	18.2	27.4



#16
Acenaphthylene
Concen: 0.066 ng
RT: 14.089 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

Tgt Ion:	152	Resp:	2044
Ion Ratio	Lower	Upper	
152	100		
151	32.2	16.2	24.4#
153	91.1	10.7	16.1#

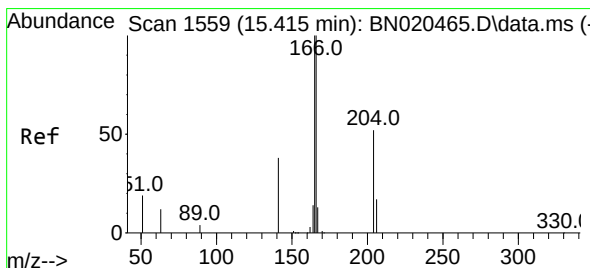
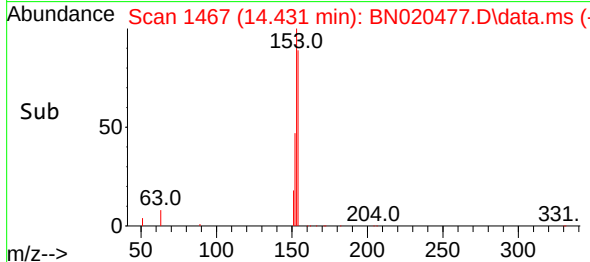
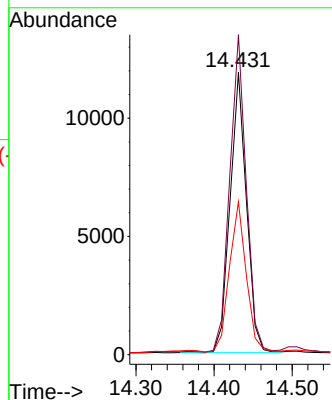
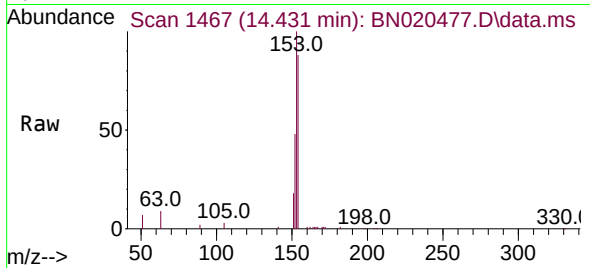




#17
Acenaphthene
Concen: 0.816 ng
RT: 14.431 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

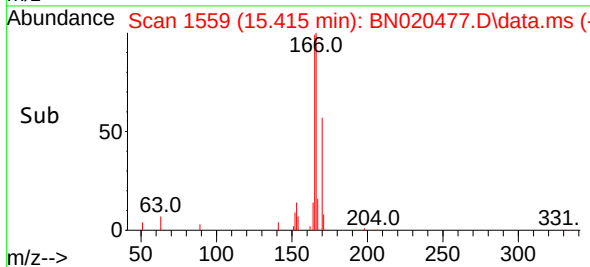
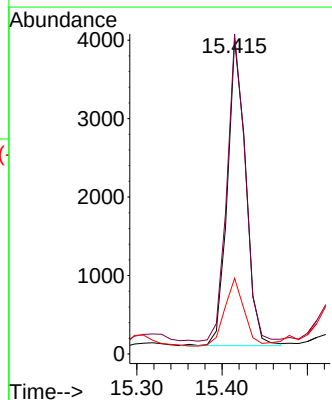
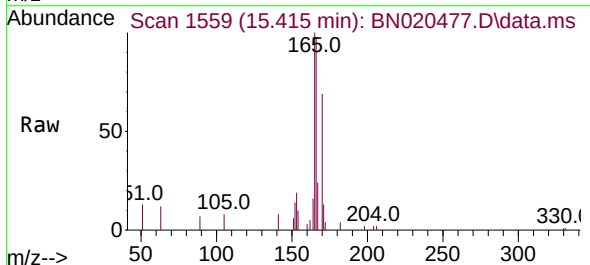
Instrument :
BNA_N
ClientSampleId :
MW-50

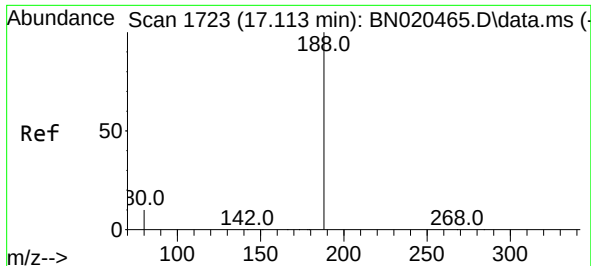
Tgt Ion:154 Resp: 17278
Ion Ratio Lower Upper
154 100
153 114.1 87.5 131.3
152 54.8 43.8 65.6



#18
Fluorene
Concen: 0.211 ng
RT: 15.415 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

Tgt Ion:166 Resp: 5843
Ion Ratio Lower Upper
166 100
165 99.7 78.6 118.0
167 23.3 10.8 16.2#

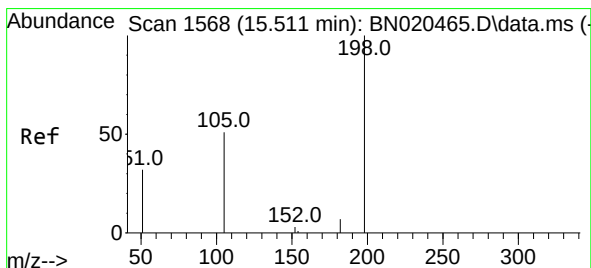
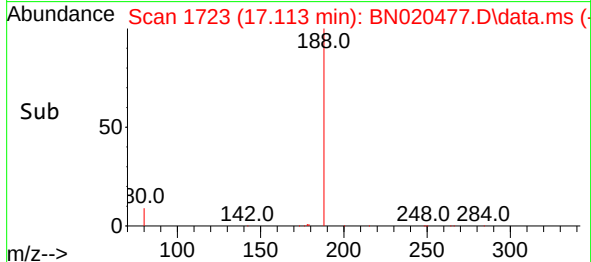
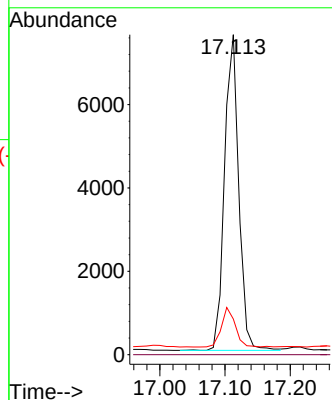
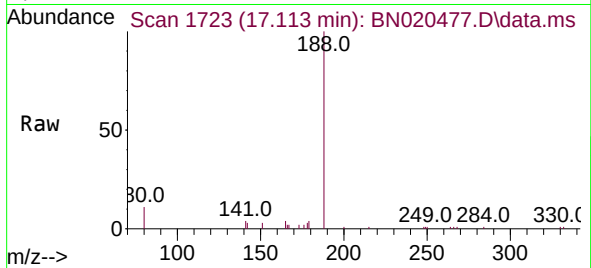




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.113 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

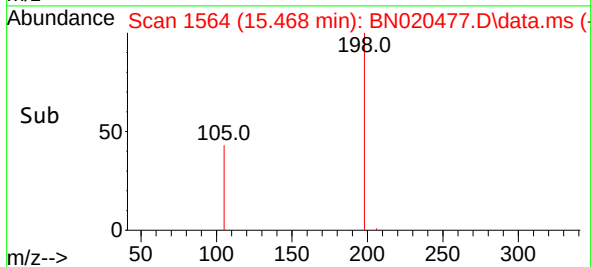
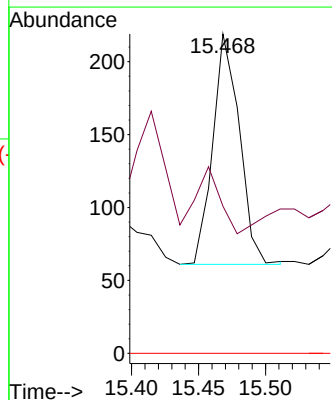
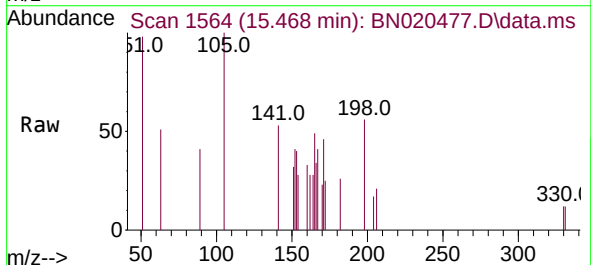
Instrument :
BNA_N
ClientSampleId :
MW-50

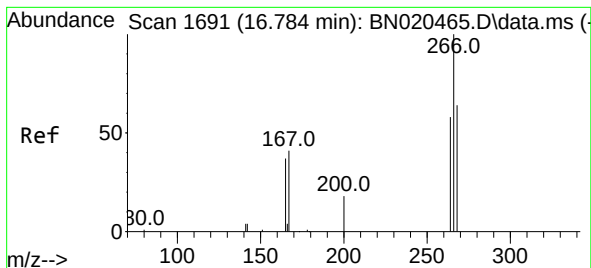
Tgt Ion:188 Resp: 11513
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 7.4 11.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.322 ng
RT: 15.468 min Scan# 1564
Delta R.T. -0.043 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

Tgt Ion:198 Resp: 219
Ion Ratio Lower Upper
198 100
182 46.1 12.1 18.1#
77 0.0 0.0 0.0





#24

Pentachlorophenol

Concen: 0.191 ng

RT: 16.774 min Scan# 1690

Delta R.T. -0.010 min

Lab File: BN020477.D

Acq: 26 Jun 2022 22:31

Instrument :

BNA_N

ClientSampleId :

MW-50

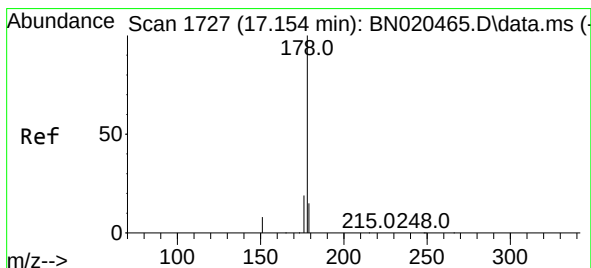
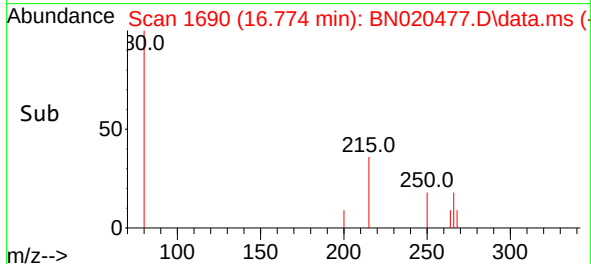
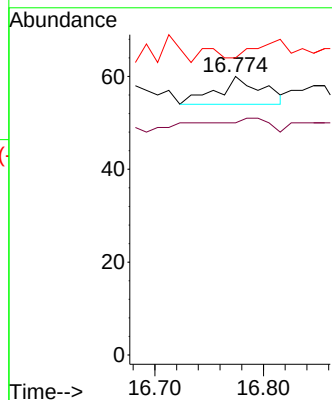
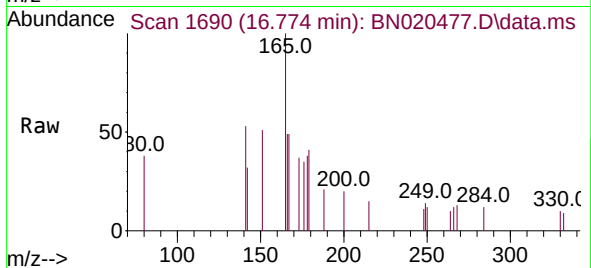
Tgt Ion:266 Resp: 17

Ion Ratio Lower Upper

266 100

264 29.4 51.3 76.9#

268 0.0 52.6 79.0#



#25

Phenanthrene

Concen: 0.024 ng

RT: 17.154 min Scan# 1727

Delta R.T. 0.000 min

Lab File: BN020477.D

Acq: 26 Jun 2022 22:31

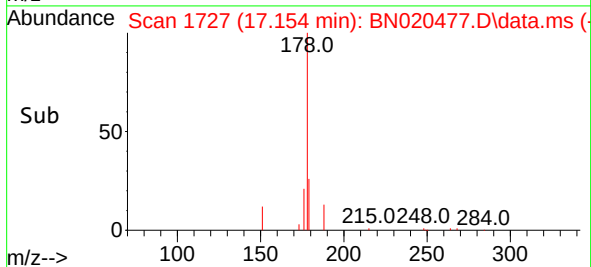
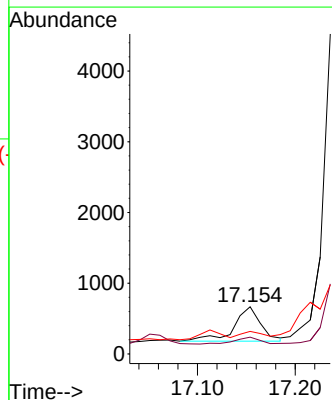
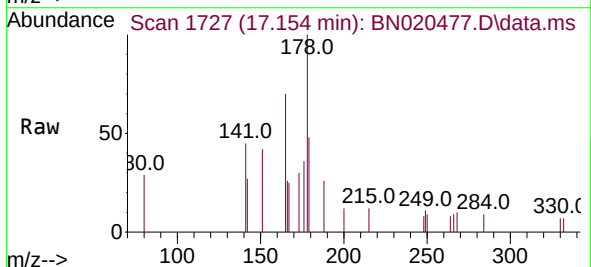
Tgt Ion:178 Resp: 926

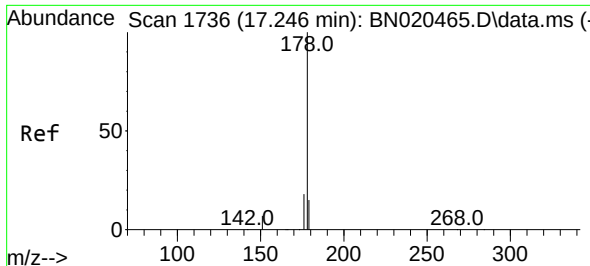
Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

179 14.0 12.2 18.4

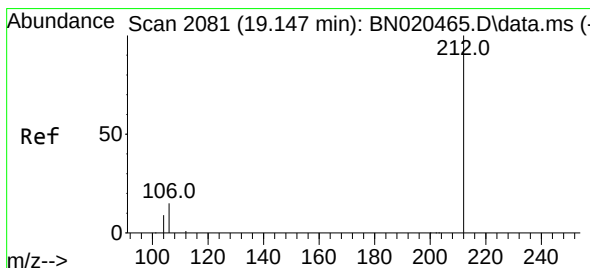
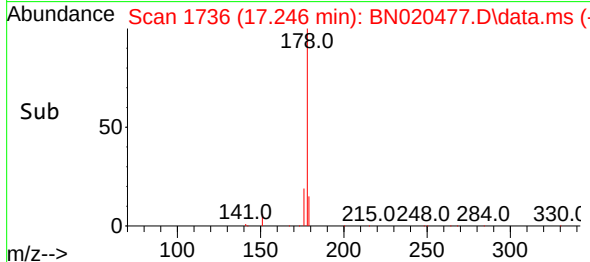
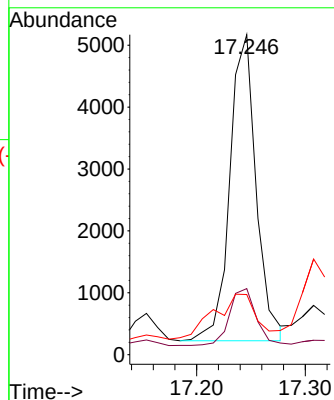
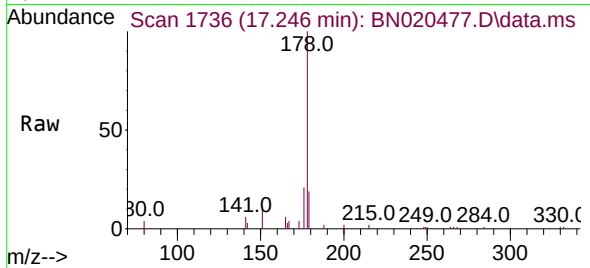




#26
 Anthracene
 Concen: 0.248 ng
 RT: 17.246 min Scan# 1736
 Delta R.T. 0.000 min
 Lab File: BN020477.D
 Acq: 26 Jun 2022 22:31

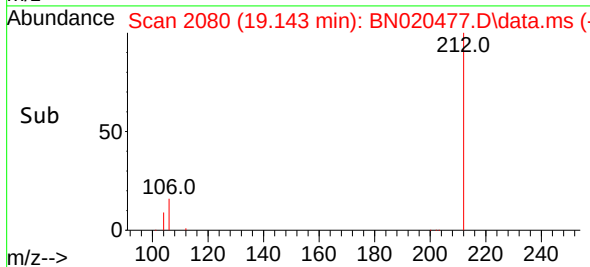
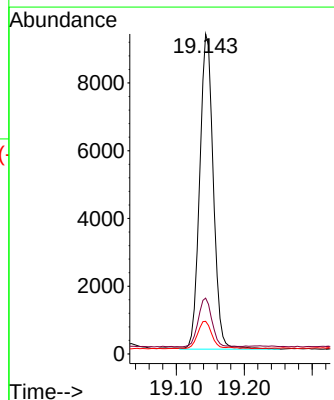
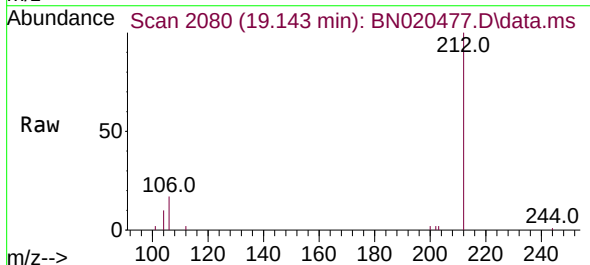
Instrument :
 BNA_N
 ClientSampleId :
 MW-50

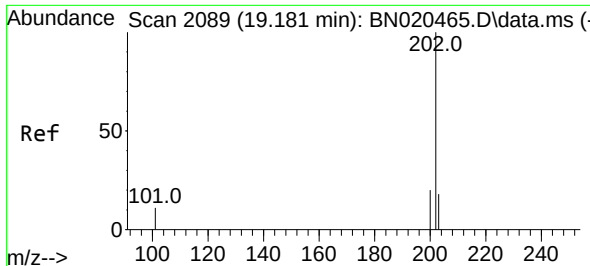
Tgt Ion:178 Resp: 8311
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.9 22.3
 179 23.4 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.381 ng
 RT: 19.143 min Scan# 2080
 Delta R.T. -0.004 min
 Lab File: BN020477.D
 Acq: 26 Jun 2022 22:31

Tgt Ion:212 Resp: 13036
 Ion Ratio Lower Upper
 212 100
 106 15.5 12.6 19.0
 104 9.5 7.2 10.8

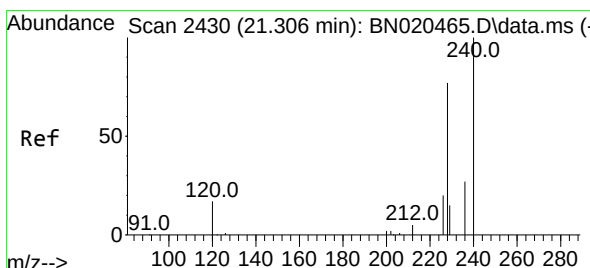
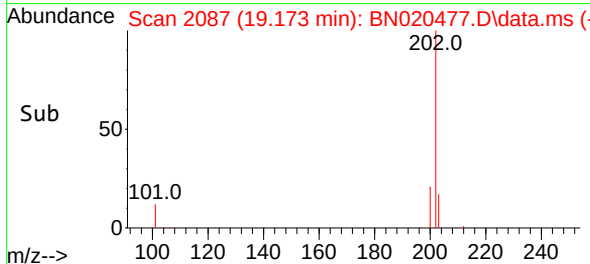
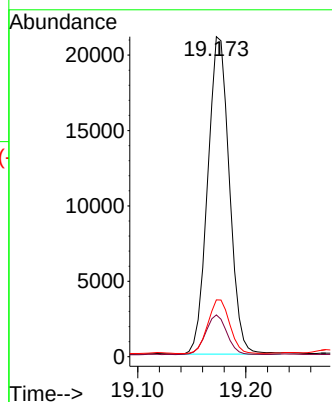
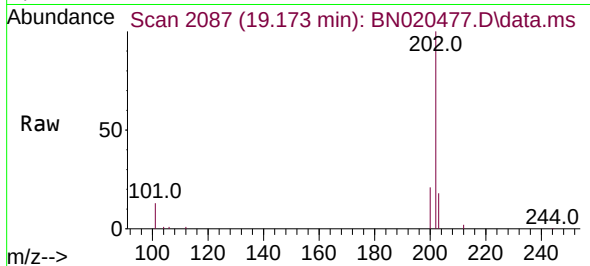




#28
Fluoranthene
Concen: 0.693 ng
RT: 19.173 min Scan# 2087
Delta R.T. -0.008 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

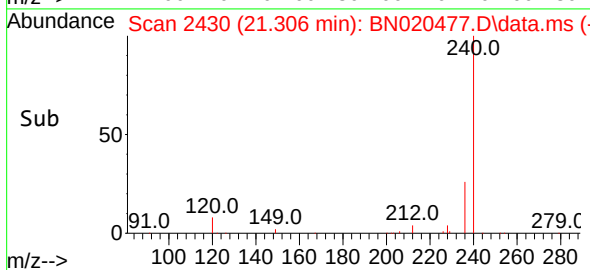
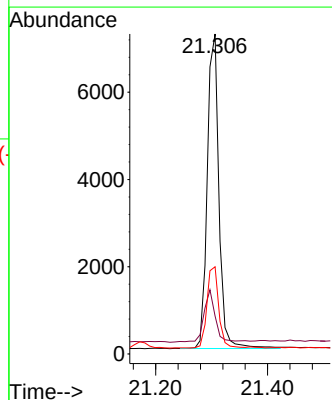
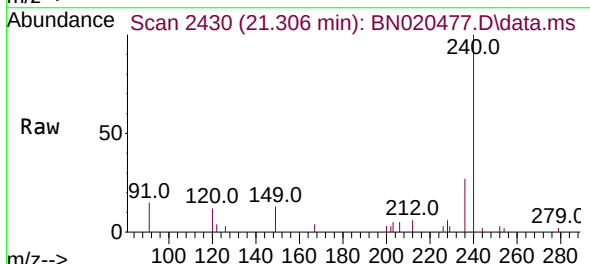
Instrument :
BNA_N
ClientSampleId :
MW-50

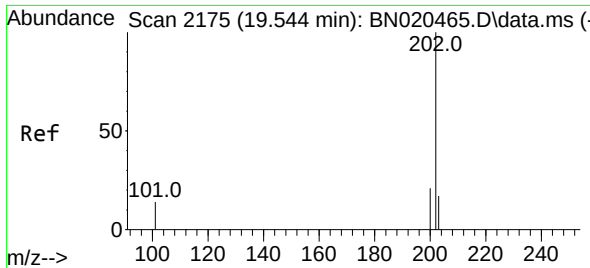
Tgt Ion:202 Resp: 29348
Ion Ratio Lower Upper
202 100
101 12.3 9.6 14.4
203 17.0 13.5 20.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.306 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

Tgt Ion:240 Resp: 10439
Ion Ratio Lower Upper
240 100
120 11.9 14.6 21.8#
236 27.2 22.6 33.8

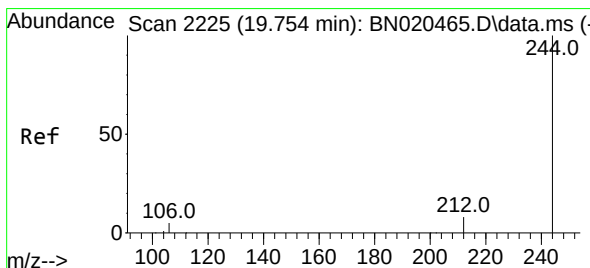
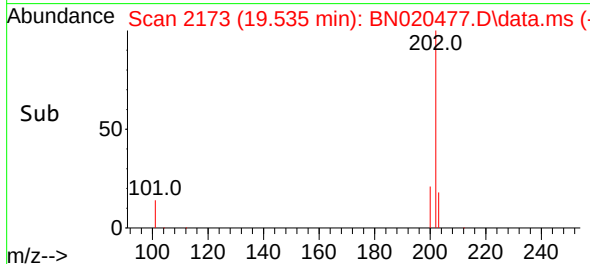
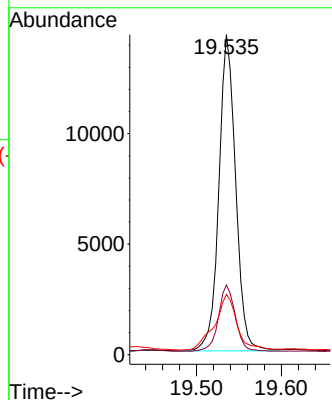
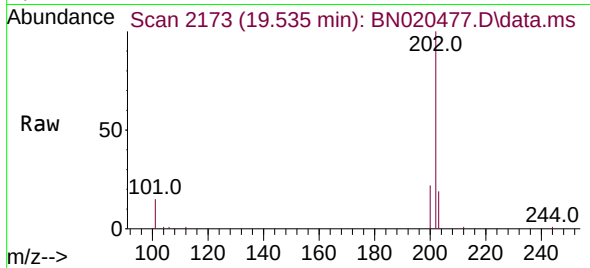




#30
Pyrene
Concen: 0.443 ng
RT: 19.535 min Scan# 2173
Delta R.T. -0.008 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

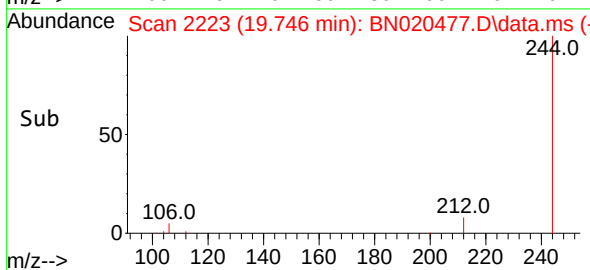
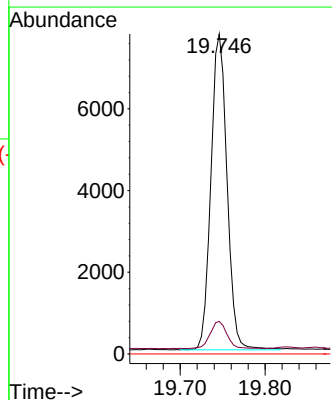
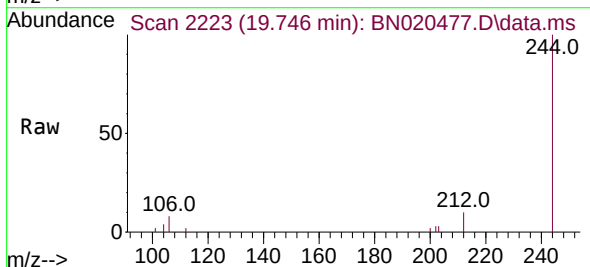
Instrument :
BNA_N
ClientSampleId :
MW-50

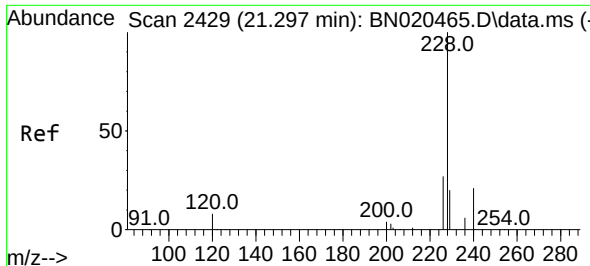
Tgt Ion:202 Resp: 19594
Ion Ratio Lower Upper
202 100
200 21.1 16.6 25.0
203 23.3 14.2 21.2#



#31
Terphenyl-d14
Concen: 0.409 ng
RT: 19.746 min Scan# 2223
Delta R.T. -0.008 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

Tgt Ion:244 Resp: 10194
Ion Ratio Lower Upper
244 100
212 10.1 7.1 10.7
122 0.0 0.0 0.0

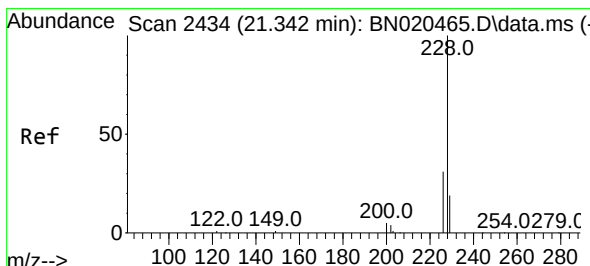
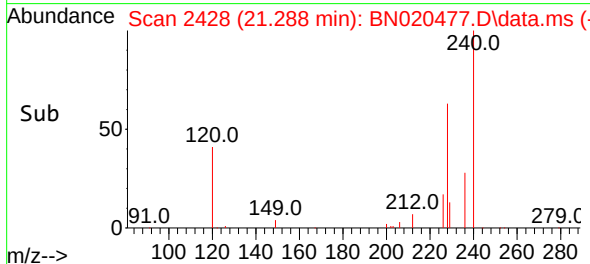
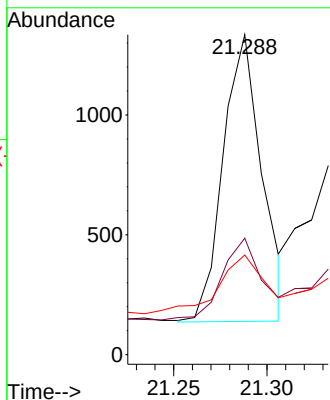
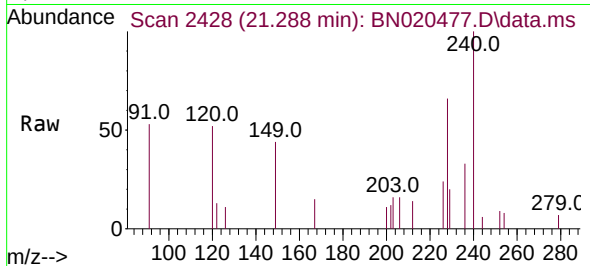




#32
Benzo(a)anthracene
Concen: 0.047 ng
RT: 21.288 min Scan# 2428
Delta R.T. -0.009 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

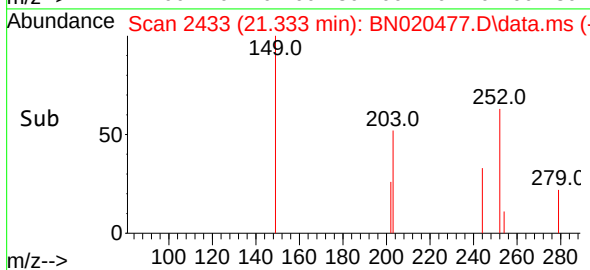
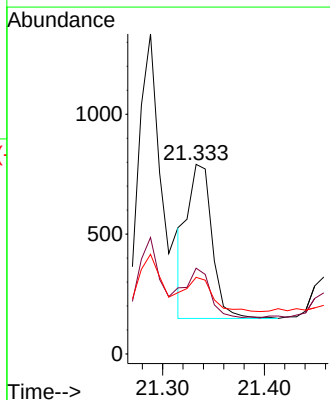
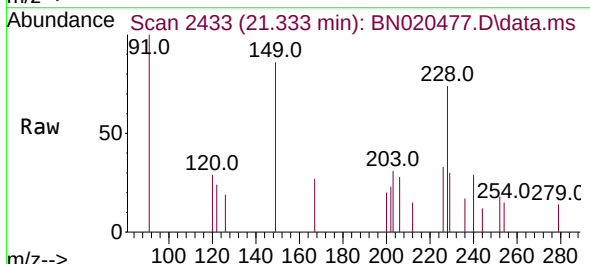
Instrument :
BNA_N
ClientSampleId :
MW-50

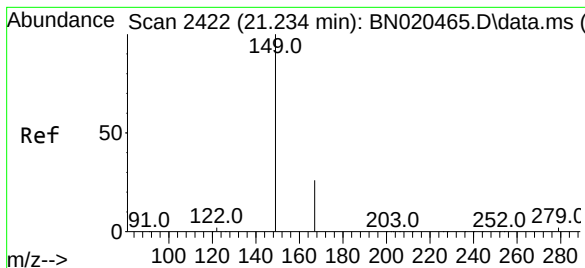
Tgt Ion:228 Resp: 1739
Ion Ratio Lower Upper
228 100
226 36.4 21.2 31.8#
229 31.2 15.6 23.4#



#33
Chrysene
Concen: 0.026 ng
RT: 21.333 min Scan# 2433
Delta R.T. -0.009 min
Lab File: BN020477.D
Acq: 26 Jun 2022 22:31

Tgt Ion:228 Resp: 1087
Ion Ratio Lower Upper
228 100
226 45.3 23.4 35.0#
229 40.5 15.7 23.5#

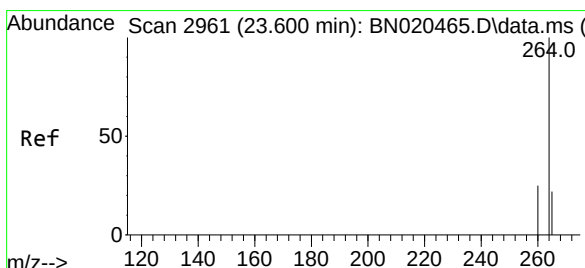
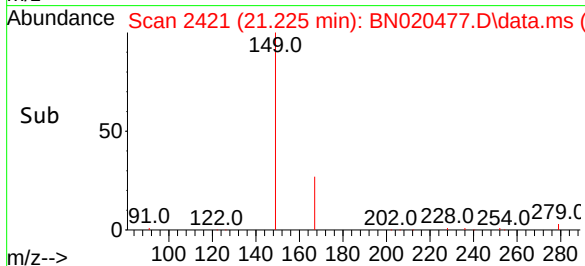
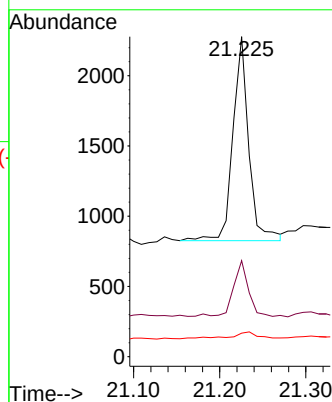
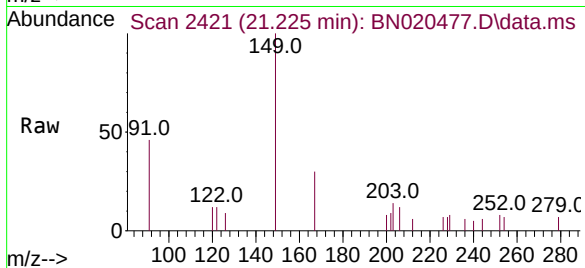




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.088 ng
 RT: 21.225 min Scan# 2422
 Delta R.T. -0.009 min
 Lab File: BN020477.D
 Acq: 26 Jun 2022 22:31

Instrument :
 BNA_N
 ClientSampleId :
 MW-50

Tgt Ion:149 Resp: 1857
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.7 32.5
 279 5.8 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.583 min Scan# 2955
 Delta R.T. -0.017 min
 Lab File: BN020477.D
 Acq: 26 Jun 2022 22:31

Tgt Ion:264 Resp: 9609
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.9 31.3
 265 40.8 28.0 42.0

