

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
 Data File : BN019169.D
 Acq On : 25 Mar 2022 22:57
 Operator : CG/JU
 Sample : N2090-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-59

Quant Time: Mar 26 04:22:57 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 19:03:12 2022
 Response via : Initial Calibration

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

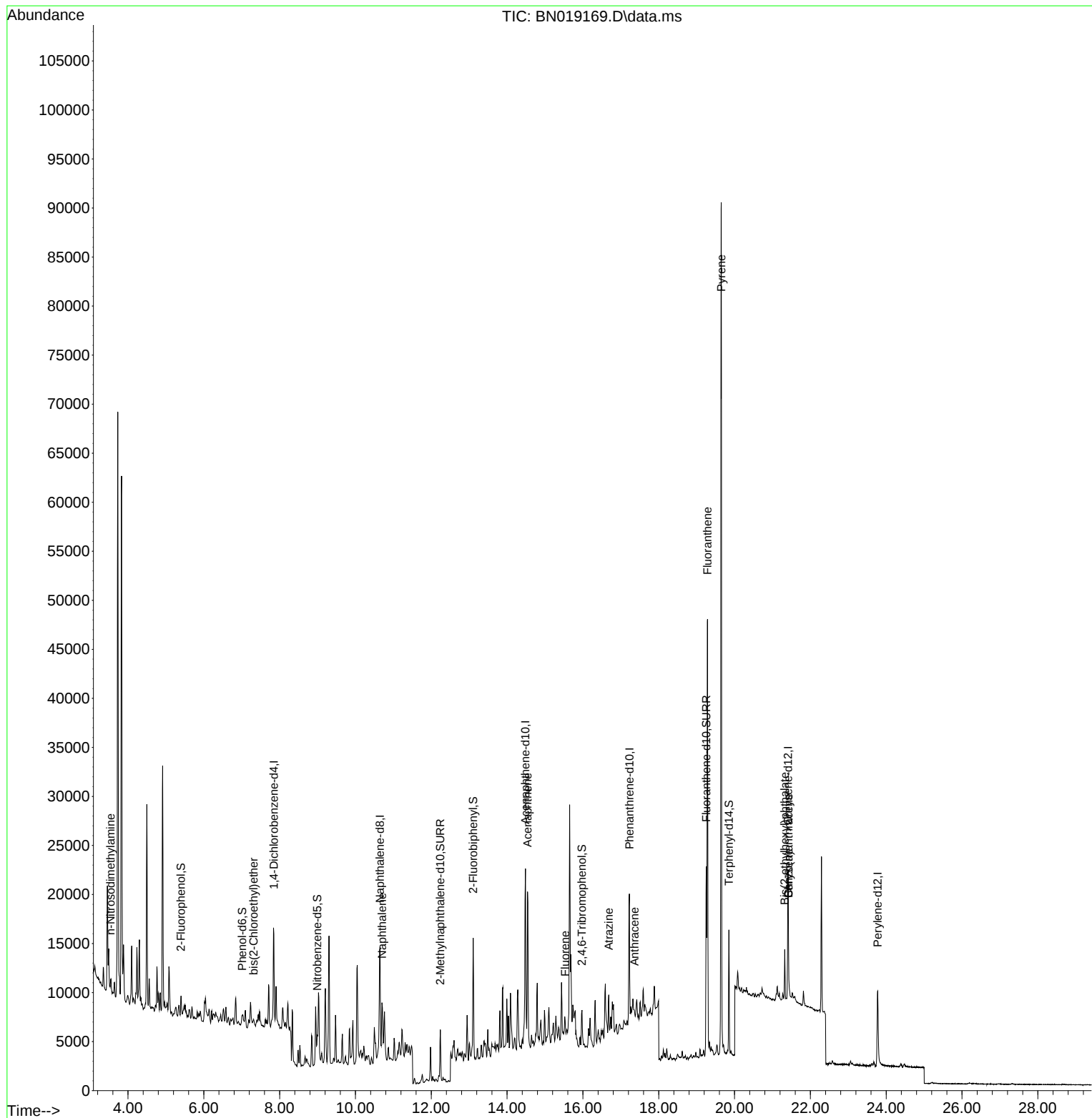
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	4596	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	13722	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	11086	0.400	ng	0.00
19) Phenanthrene-d10	17.225	188	17481	0.400	ng	0.00
29) Chrysene-d12	21.413	240	14072	0.400	ng	# 0.00
35) Perylene-d12	23.773	264	12157	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1622	0.149	ng	0.00
5) Phenol-d6	7.009	99	1005	0.081	ng	0.00
8) Nitrobenzene-d5	8.993	82	3023	0.284	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	7223	0.329	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	1776	0.330	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	10792	0.232	ng	0.00
27) Fluoranthene-d10	19.253	212	20634	0.403	ng	0.00
31) Terphenyl-d14	19.851	244	12660	0.403	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.543	42	313	0.046	ng	# 1
6) bis(2-Chloroethyl)ether	7.313	93	1025	0.076	ng	# 23
9) Naphthalene	10.701	128	2029	0.053	ng	# 1
17) Acenaphthene	14.538	154	7962	0.222	ng	99
18) Fluorene	15.532	166	1031	0.023	ng	# 80
23) Atrazine	16.682	200	283	0.036	ng	# 1
26) Anthracene	17.359	178	1353	0.029	ng	# 55
28) Fluoranthene	19.286	202	39735	0.627	ng	99
30) Pyrene	19.649	202	77788	1.170	ng	99
32) Benzo(a)anthracene	21.422	228	1491	0.033	ng	# 31
33) Chrysene	21.422	228	1337	0.023	ng	# 35
34) Bis(2-ethylhexyl)phtha...	21.324	149	4446	0.162	ng	# 96

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

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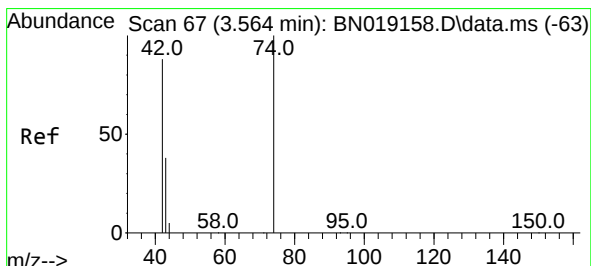
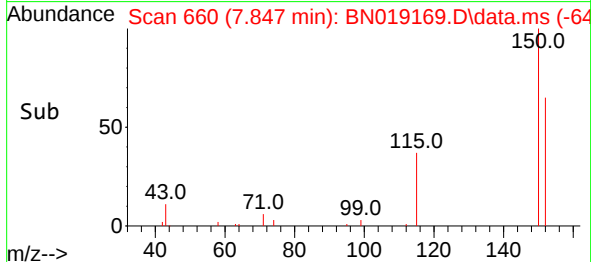
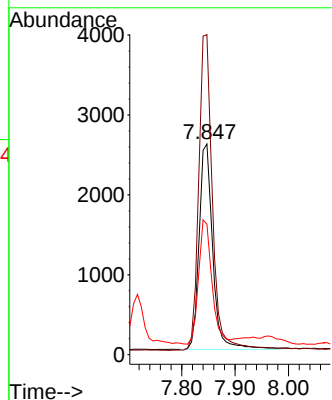
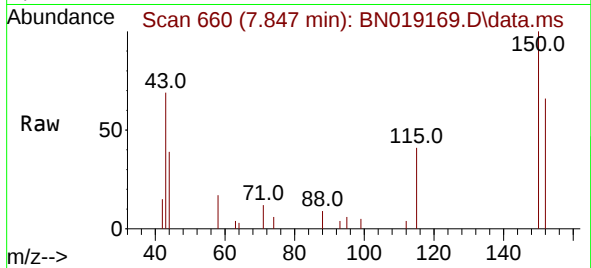




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.847 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN019169.D
Acq: 25 Mar 2022 22:57

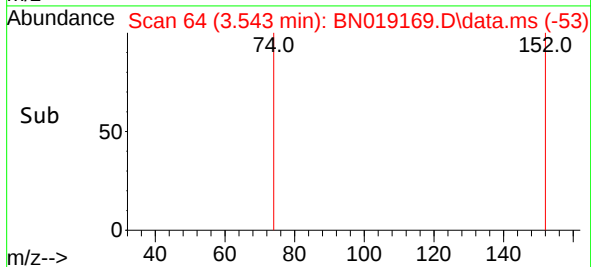
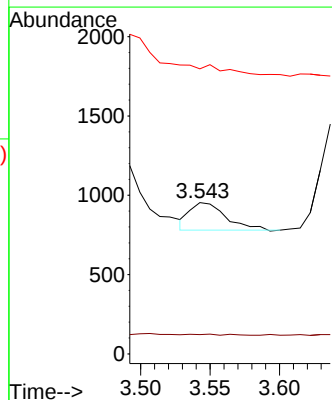
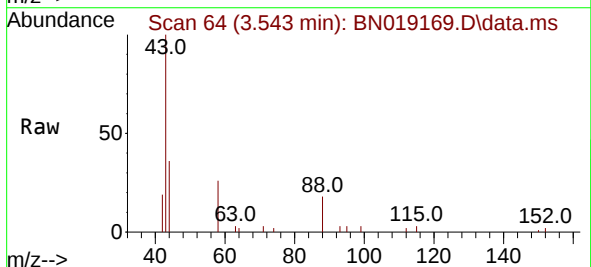
Instrument :
BNA_N
ClientSampleId :
MW-59

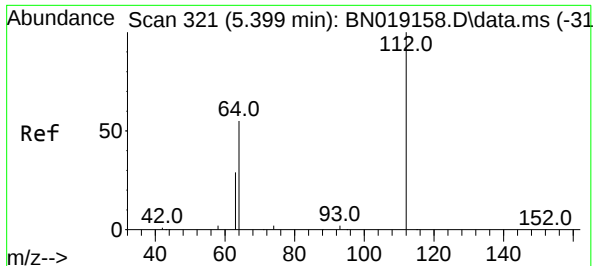
Tgt Ion:152 Resp: 4596
Ion Ratio Lower Upper
152 100
150 151.9 123.9 185.9
115 61.9 48.2 72.4



#3
n-Nitrosodimethylamine
Concen: 0.046 ng
RT: 3.543 min Scan# 64
Delta R.T. -0.022 min
Lab File: BN019169.D
Acq: 25 Mar 2022 22:57

Tgt Ion: 42 Resp: 313
Ion Ratio Lower Upper
42 100
74 0.0 96.9 145.3#
44 0.0 7.3 10.9#

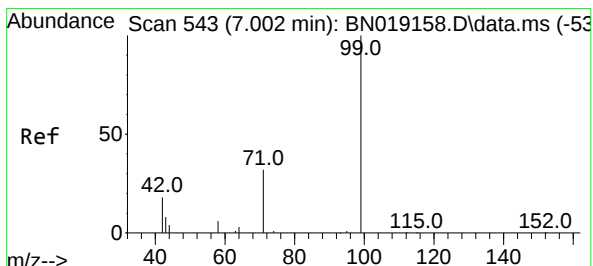
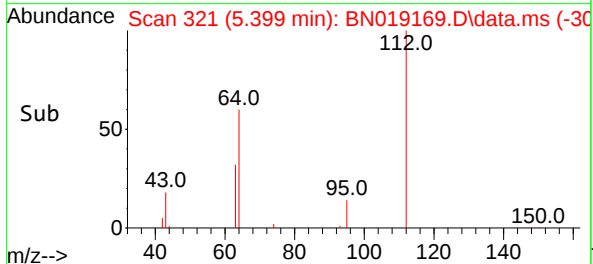
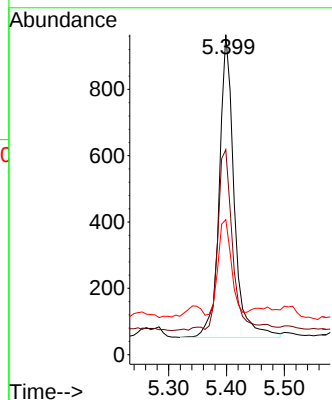
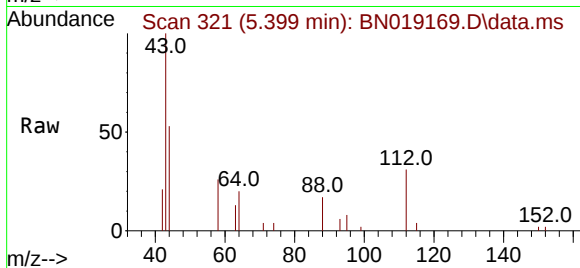




#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN019169.D
Acq: 25 Mar 2022 22:57

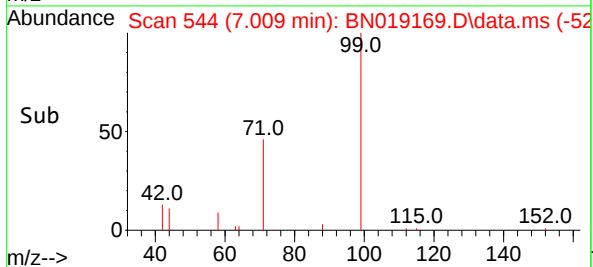
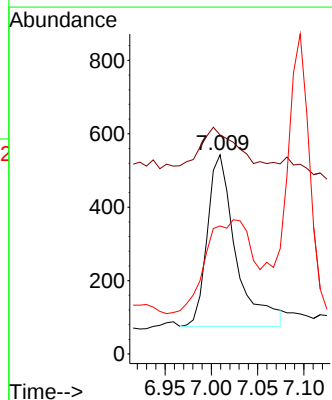
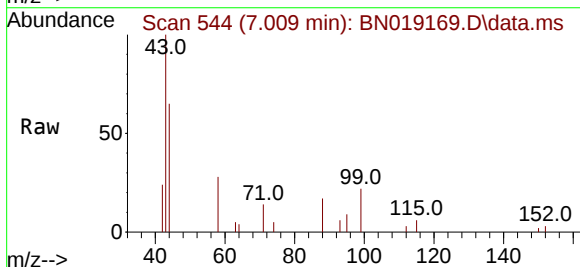
Instrument :
BNA_N
ClientSampleId :
MW-59

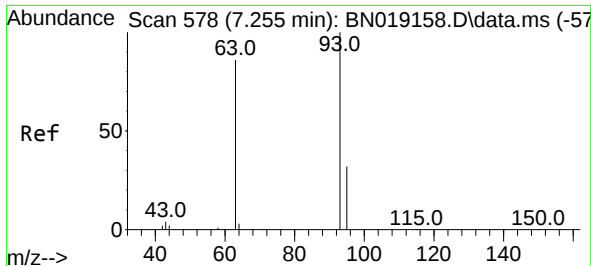
Tgt Ion: 112 Resp: 1622
Ion Ratio Lower Upper
112 100
64 56.8 47.8 71.8
63 28.1 25.7 38.5



#5
Phenol-d6
Concen: 0.081 ng
RT: 7.009 min Scan# 544
Delta R.T. 0.007 min
Lab File: BN019169.D
Acq: 25 Mar 2022 22:57

Tgt Ion: 99 Resp: 1005
Ion Ratio Lower Upper
99 100
42 25.9 16.2 24.4#
71 0.0 27.7 41.5#

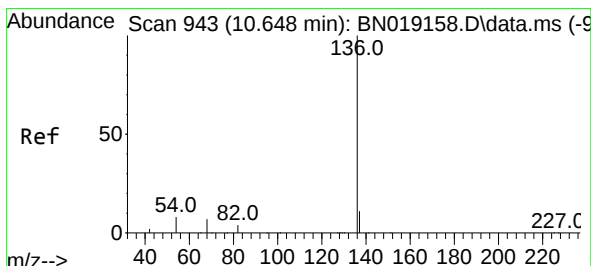
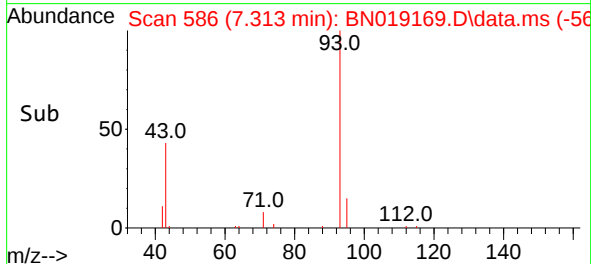
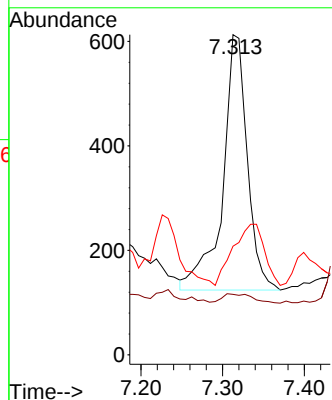
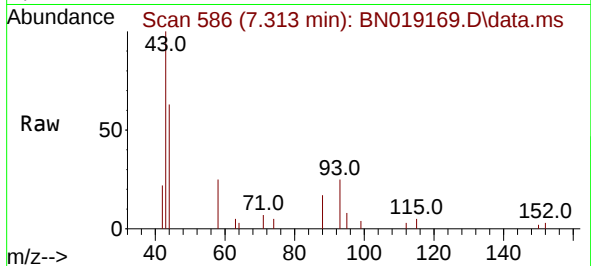




#6
 bis(2-Chloroethyl)ether
 Concen: 0.076 ng
 RT: 7.313 min Scan# 586
 Delta R.T. 0.058 min
 Lab File: BN019169.D
 Acq: 25 Mar 2022 22:57

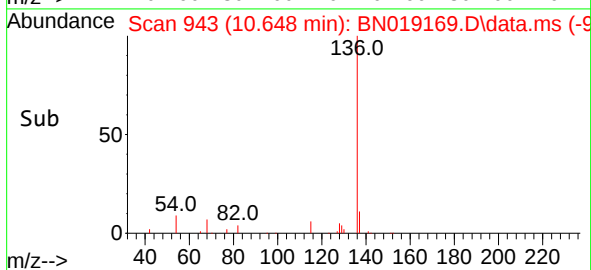
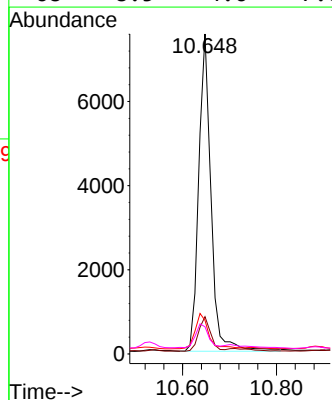
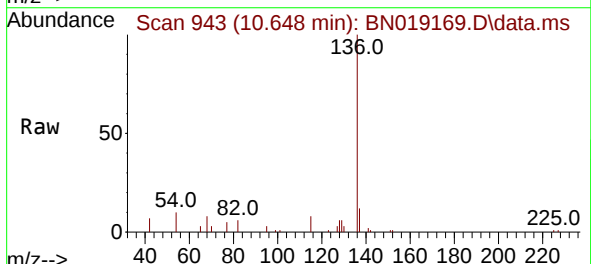
Instrument :
 BNA_N
 ClientSampleId :
 MW-59

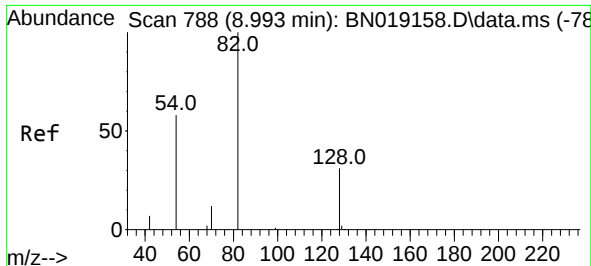
Tgt Ion: 93 Resp: 1025
 Ion Ratio Lower Upper
 93 100
 63 4.5 62.8 94.2#
 95 0.0 26.2 39.4#



#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.648 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: BN019169.D
 Acq: 25 Mar 2022 22:57

Tgt Ion: 136 Resp: 13722
 Ion Ratio Lower Upper
 136 100
 137 11.7 9.0 13.4
 54 10.5 5.8 8.6#
 68 8.5 4.6 7.0#

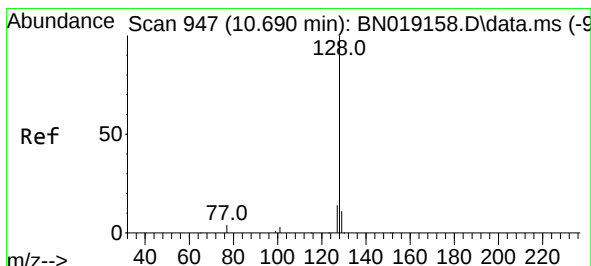
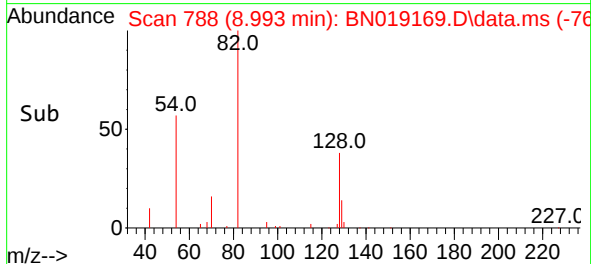
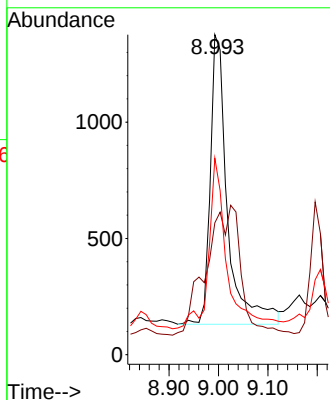
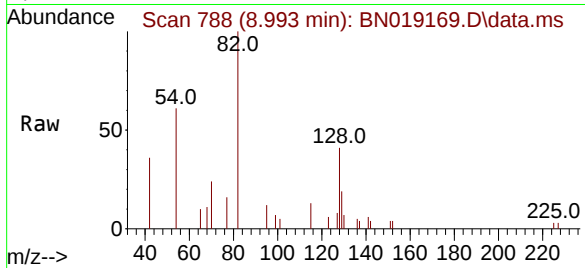




#8
Nitrobenzene-d5
Concen: 0.284 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN019169.D
Acq: 25 Mar 2022 22:57

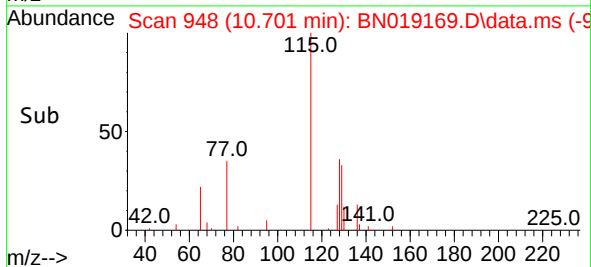
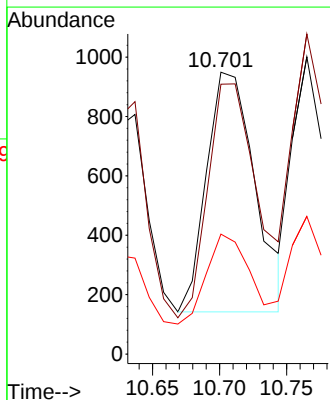
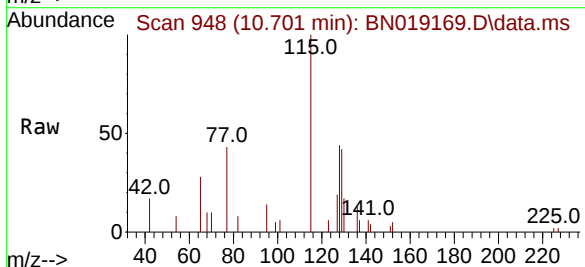
Instrument :
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MW-59

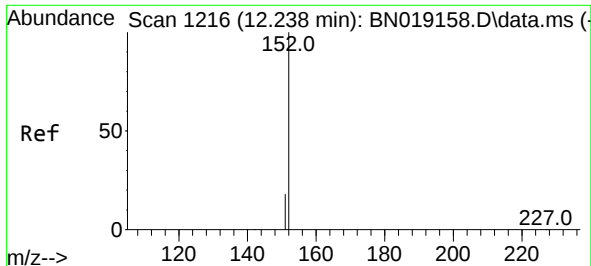
Tgt Ion:	82	Resp:	3023
Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.0	49.6
54	61.4	42.5	63.7



#9
Naphthalene
Concen: 0.053 ng
RT: 10.701 min Scan# 948
Delta R.T. 0.011 min
Lab File: BN019169.D
Acq: 25 Mar 2022 22:57

Tgt Ion:	128	Resp:	2029
Ion	Ratio	Lower	Upper
128	100		
129	95.8	9.0	13.4#
127	42.6	10.7	16.1#

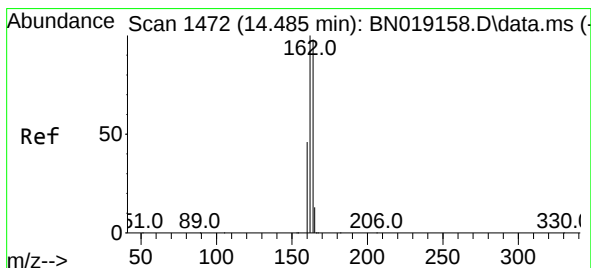
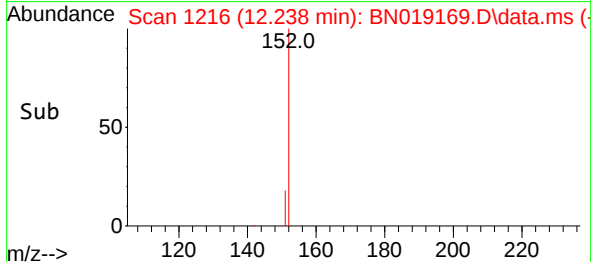
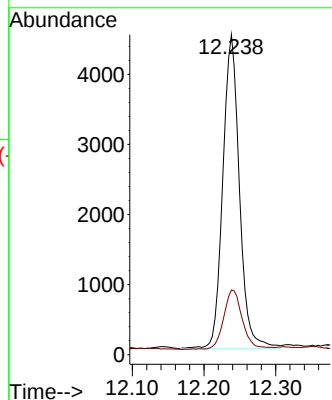
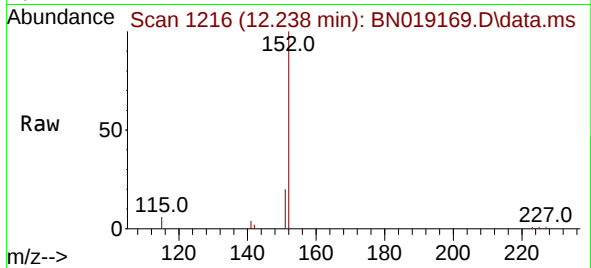




#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.238 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BN019169.D
Acq: 25 Mar 2022 22:57

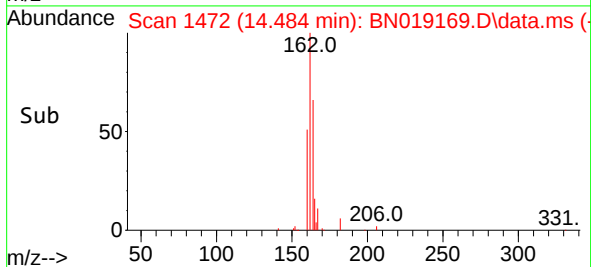
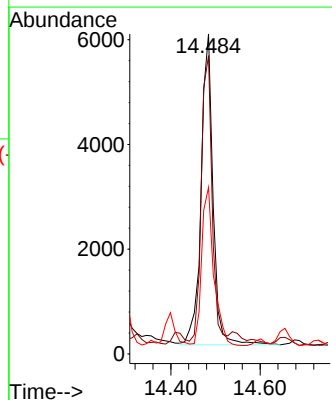
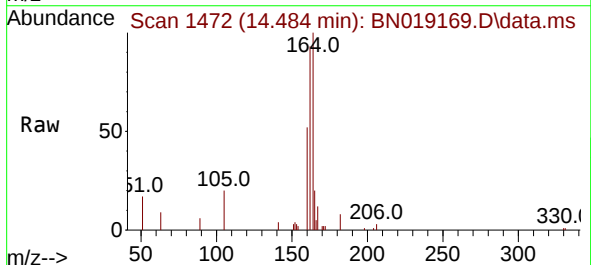
Instrument :
BNA_N
ClientSampleId :
MW-59

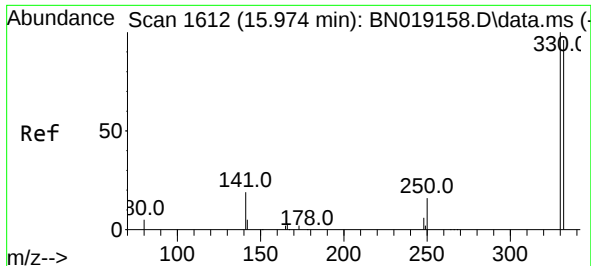
Tgt Ion:152 Resp: 7223
Ion Ratio Lower Upper
152 100
151 21.0 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN019169.D
Acq: 25 Mar 2022 22:57

Tgt Ion:164 Resp: 11086
Ion Ratio Lower Upper
164 100
162 93.2 85.2 127.8
160 52.1 41.5 62.3

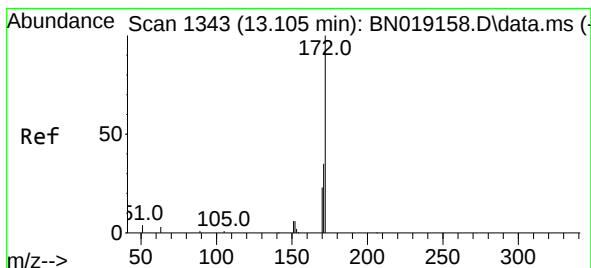
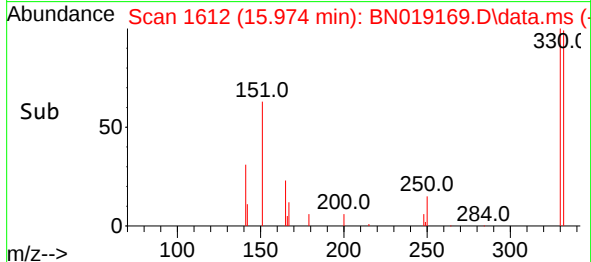
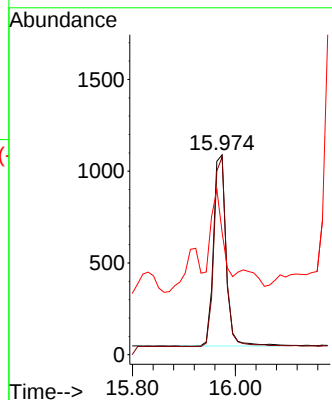
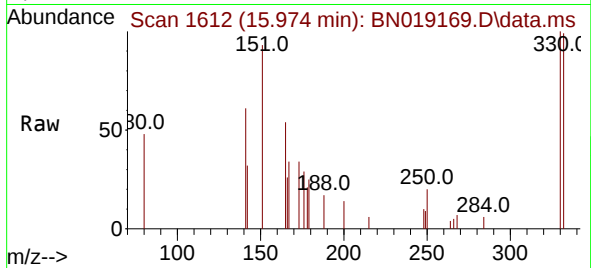




#14
2,4,6-Tribromophenol
Concen: 0.330 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN019169.D
Acq: 25 Mar 2022 22:57

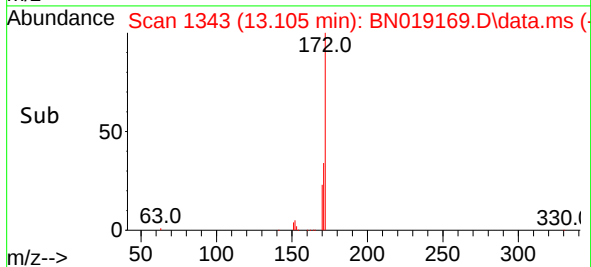
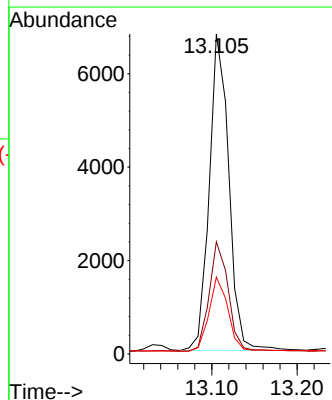
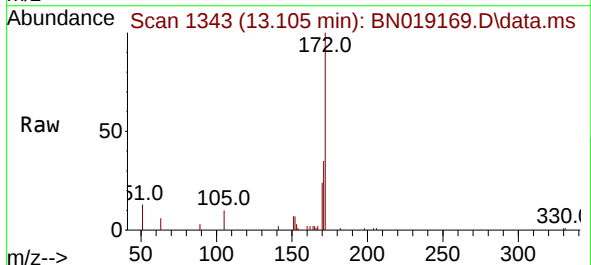
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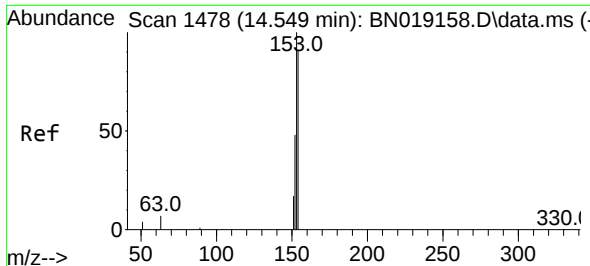
Tgt Ion: 330 Resp: 1776
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 40.5 32.2 48.2



#15
2-Fluorobiphenyl
Concen: 0.232 ng
RT: 13.105 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN019169.D
Acq: 25 Mar 2022 22:57

Tgt Ion: 172 Resp: 10792
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 24.0 18.7 28.1

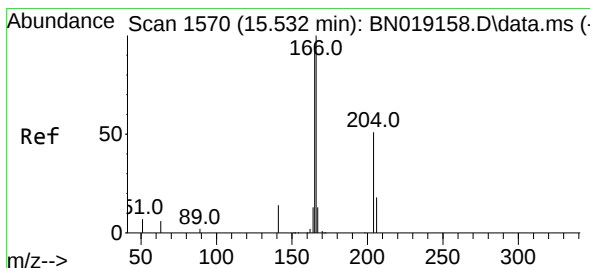
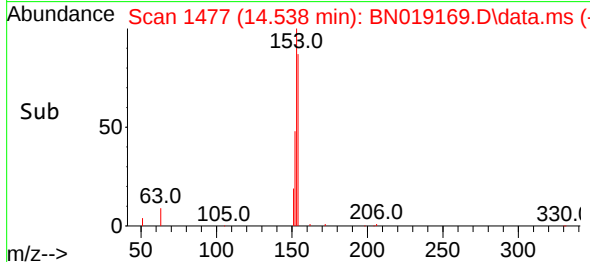
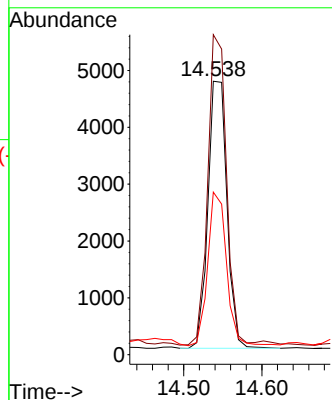
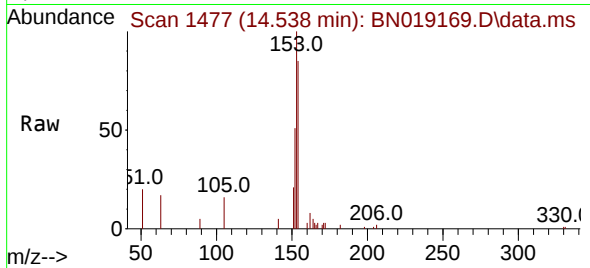




#17
Acenaphthene
Concen: 0.222 ng
RT: 14.538 min Scan# 1477
Delta R.T. -0.011 min
Lab File: BN019169.D
Acq: 25 Mar 2022 22:57

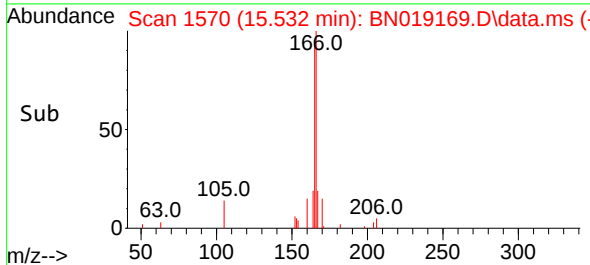
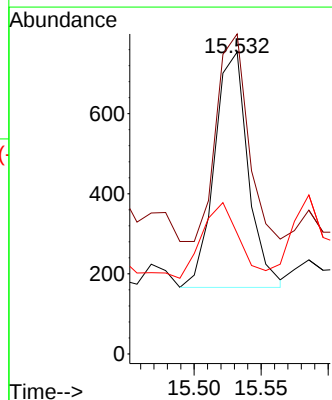
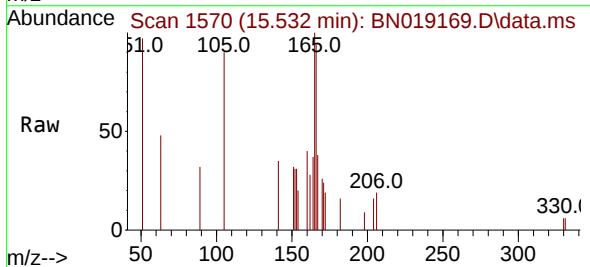
Instrument :
BNA_N
ClientSampleId :
MW-59

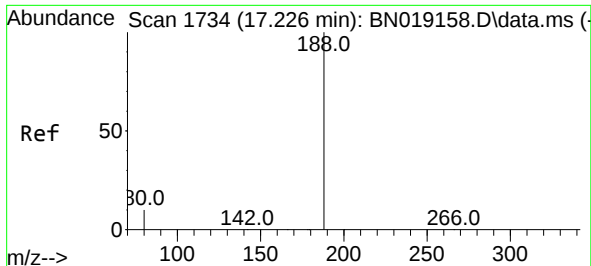
Tgt Ion:154 Resp: 7962
Ion Ratio Lower Upper
154 100
153 114.1 89.7 134.5
152 56.3 44.7 67.1



#18
Fluorene
Concen: 0.023 ng
RT: 15.532 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BN019169.D
Acq: 25 Mar 2022 22:57

Tgt Ion:166 Resp: 1031
Ion Ratio Lower Upper
166 100
165 81.7 79.2 118.8
167 29.4 10.7 16.1#

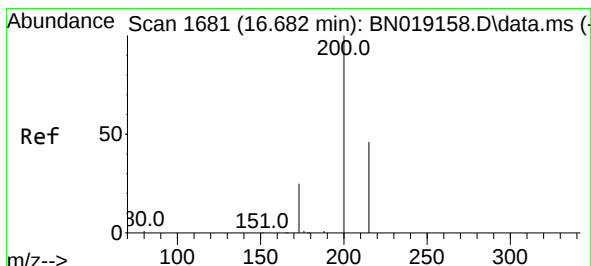
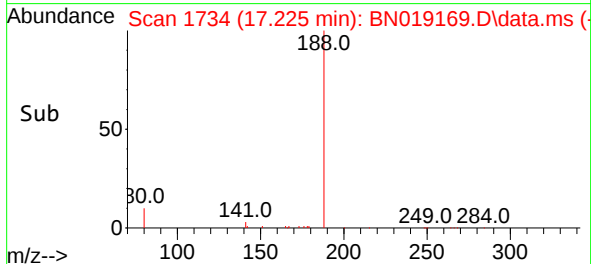
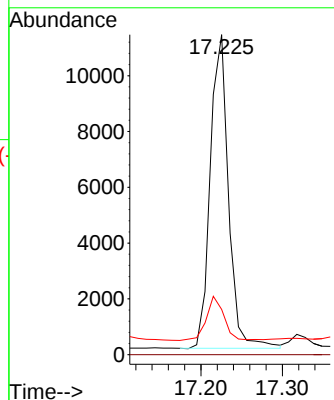
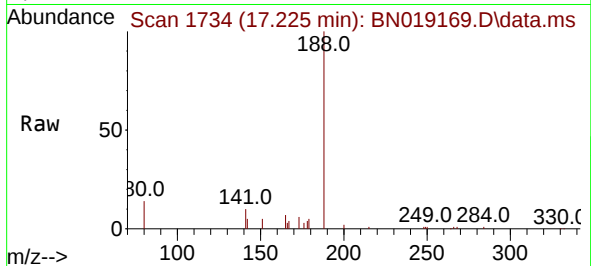




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN019169.D
Acq: 25 Mar 2022 22:57

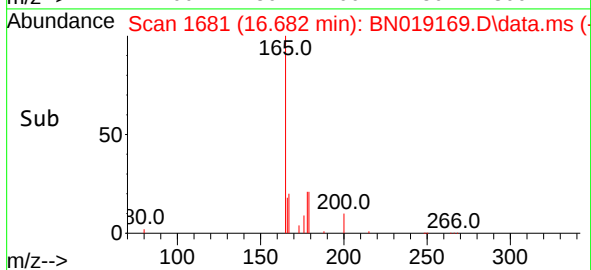
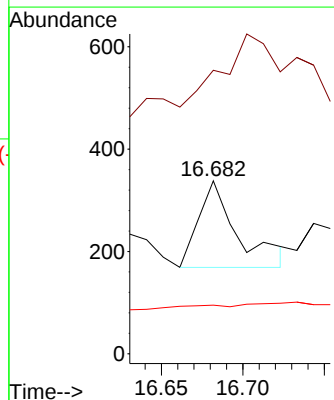
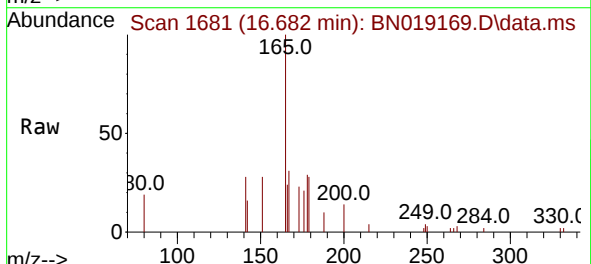
Instrument :
BNA_N
ClientSampleId :
MW-59

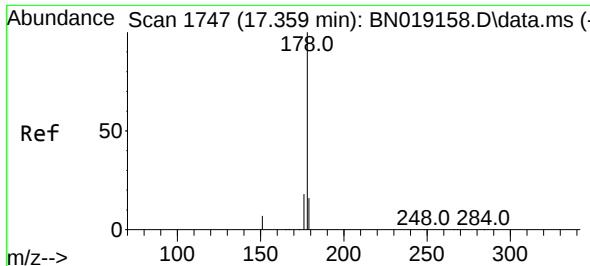
Tgt Ion:188 Resp: 17481
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 11.8 17.8



#23
Atrazine
Concen: 0.036 ng
RT: 16.682 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN019169.D
Acq: 25 Mar 2022 22:57

Tgt Ion:200 Resp: 283
Ion Ratio Lower Upper
200 100
173 163.9 23.9 35.9#
215 28.1 36.6 54.8#

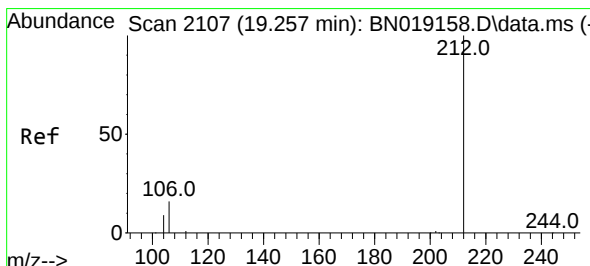
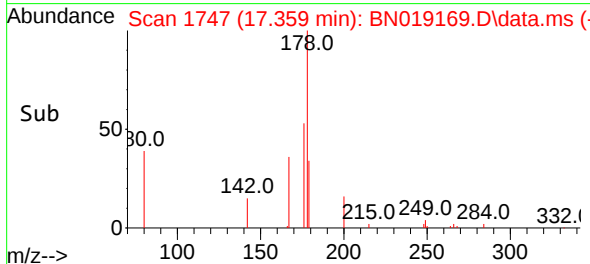
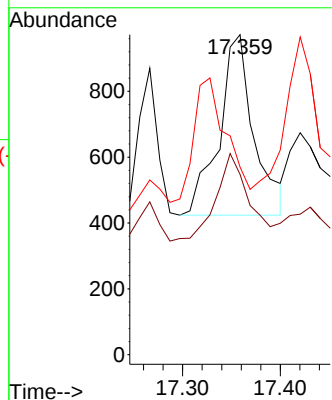
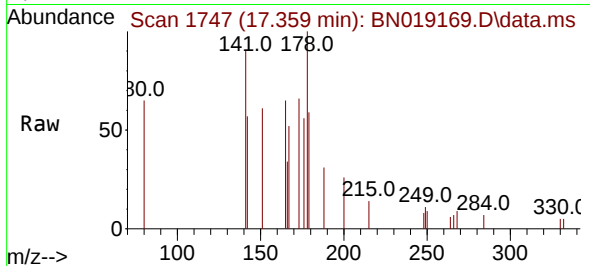




#26
 Anthracene
 Concen: 0.029 ng
 RT: 17.359 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN019169.D
 Acq: 25 Mar 2022 22:57

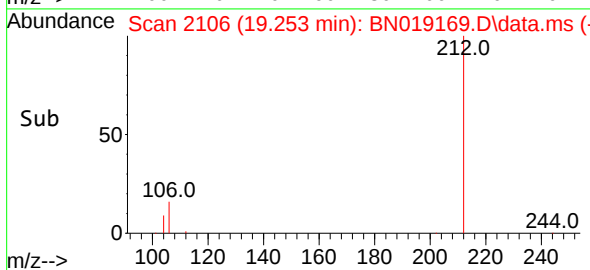
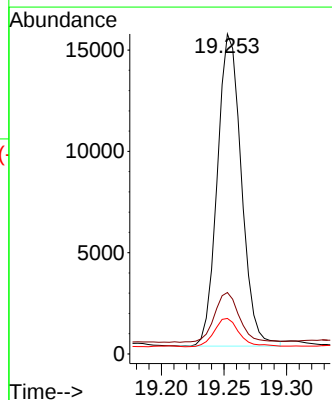
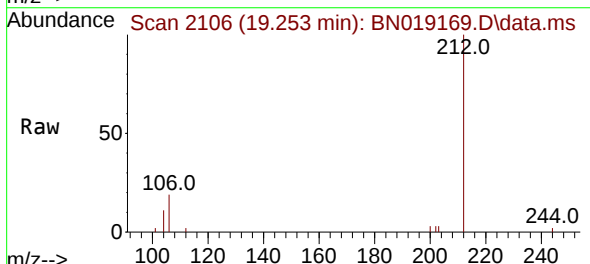
Instrument :
 BNA_N
 ClientSampleId :
 MW-59

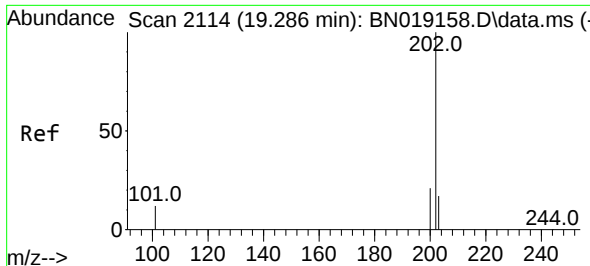
Tgt Ion:178 Resp: 1353
 Ion Ratio Lower Upper
 178 100
 176 42.1 14.8 22.2#
 179 0.0 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.403 ng
 RT: 19.253 min Scan# 2106
 Delta R.T. -0.004 min
 Lab File: BN019169.D
 Acq: 25 Mar 2022 22:57

Tgt Ion:212 Resp: 20634
 Ion Ratio Lower Upper
 212 100
 106 16.4 12.7 19.1
 104 9.6 7.1 10.7

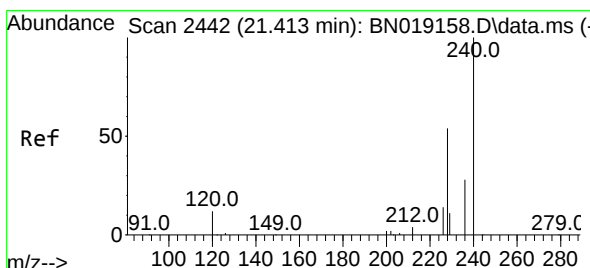
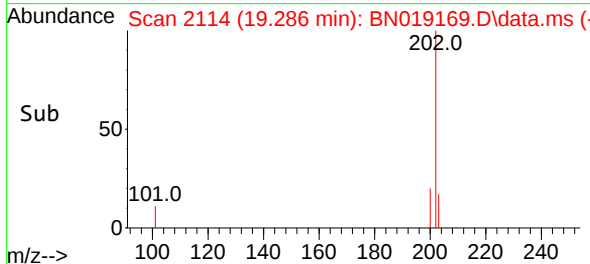
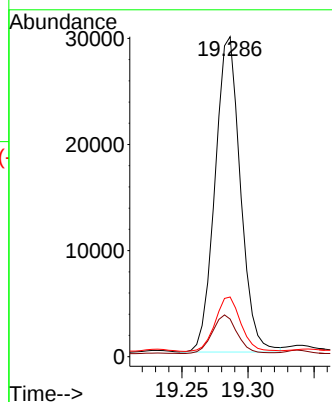
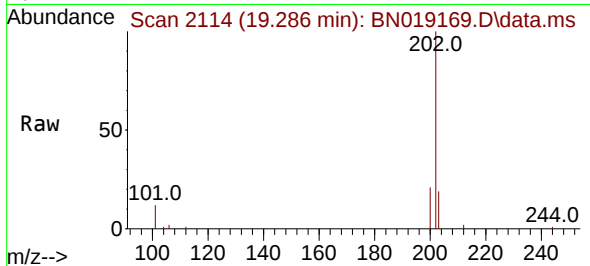




#28
Fluoranthene
Concen: 0.627 ng
RT: 19.286 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN019169.D
Acq: 25 Mar 2022 22:57

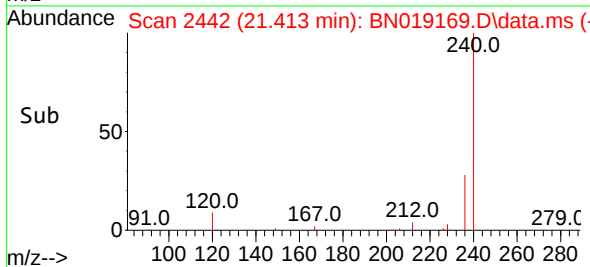
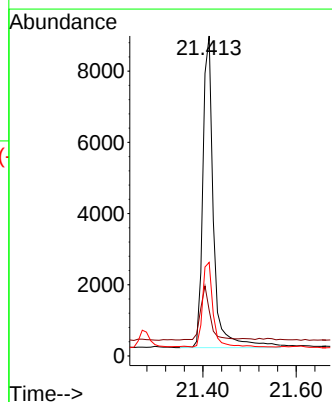
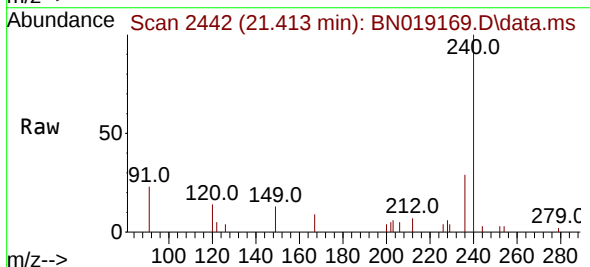
Instrument :
BNA_N
ClientSampleId :
MW-59

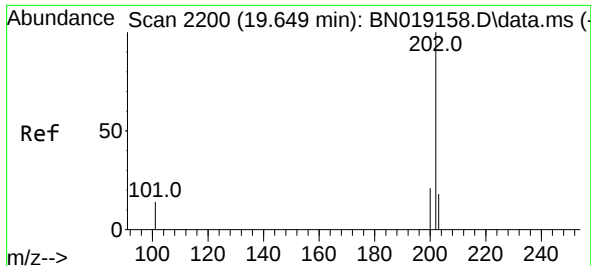
Tgt Ion:202 Resp: 39735
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.6
203 17.4 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN019169.D
Acq: 25 Mar 2022 22:57

Tgt Ion:240 Resp: 14072
Ion Ratio Lower Upper
240 100
120 14.3 8.5 12.7#
236 29.3 22.4 33.6

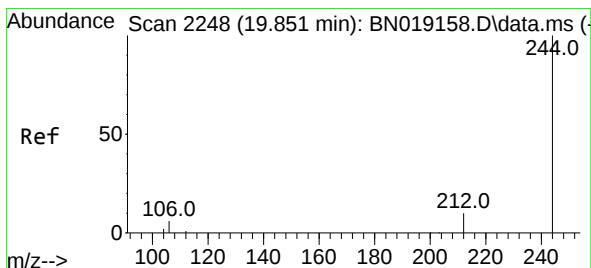
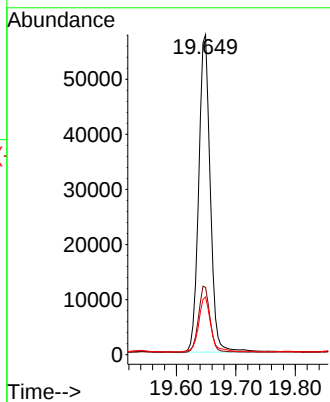
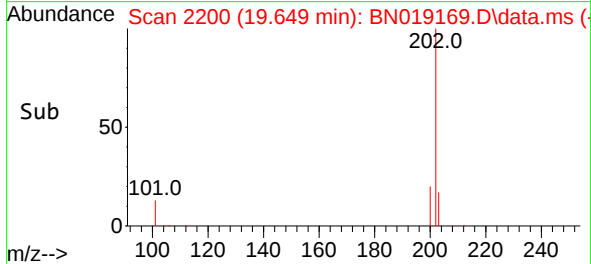
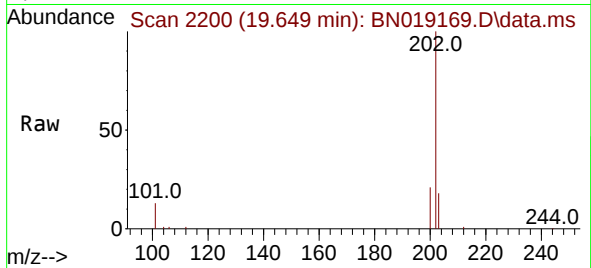




#30
Pyrene
Concen: 1.170 ng
RT: 19.649 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019169.D
Acq: 25 Mar 2022 22:57

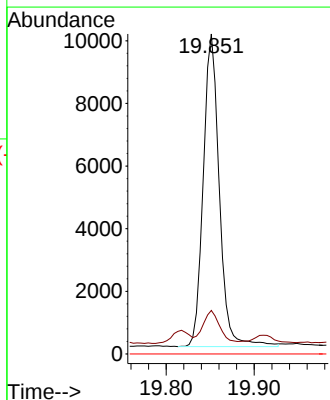
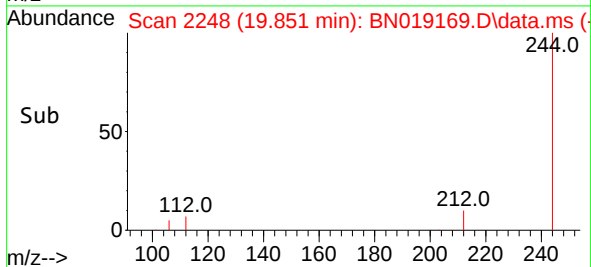
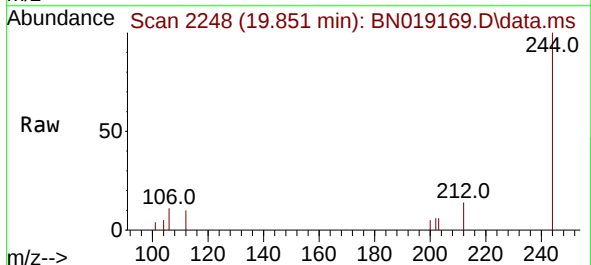
Instrument :
BNA_N
ClientSampleId :
MW-59

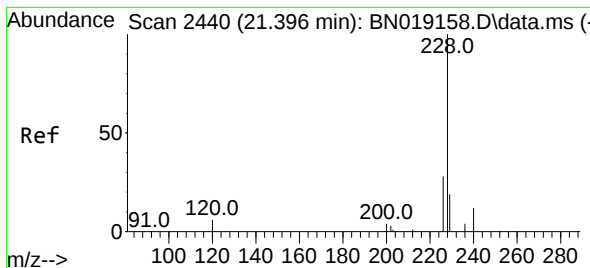
Tgt Ion:202 Resp: 77788
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 18.1 14.2 21.2



#31
Terphenyl-d14
Concen: 0.403 ng
RT: 19.851 min Scan# 2248
Delta R.T. -0.000 min
Lab File: BN019169.D
Acq: 25 Mar 2022 22:57

Tgt Ion:244 Resp: 12660
Ion Ratio Lower Upper
244 100
212 13.6 8.2 12.4#
122 0.0 0.0 0.0





#32

Benzo(a)anthracene

Concen: 0.033 ng

RT: 21.422 min Scan# 2443

Delta R.T. 0.027 min

Lab File: BN019169.D

Acq: 25 Mar 2022 22:57

Instrument :

BNA_N

ClientSampleId :

MW-59

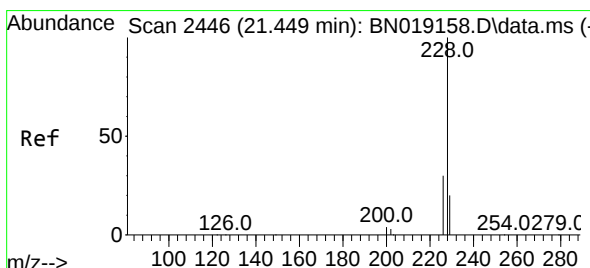
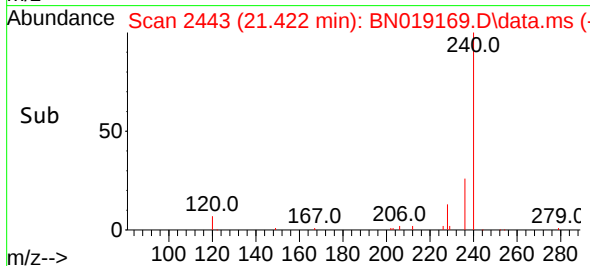
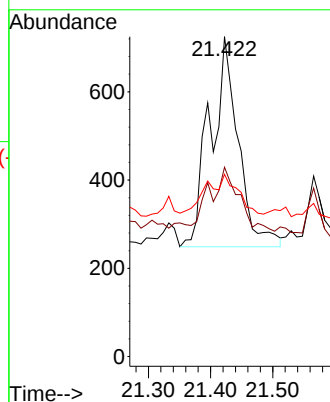
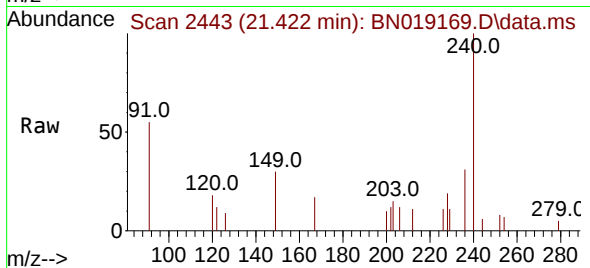
Tgt Ion:228 Resp: 1491

Ion Ratio Lower Upper

228 100

226 59.2 21.9 32.9#

229 57.0 16.0 24.0#



#33

Chrysene

Concen: 0.023 ng

RT: 21.422 min Scan# 2443

Delta R.T. -0.027 min

Lab File: BN019169.D

Acq: 25 Mar 2022 22:57

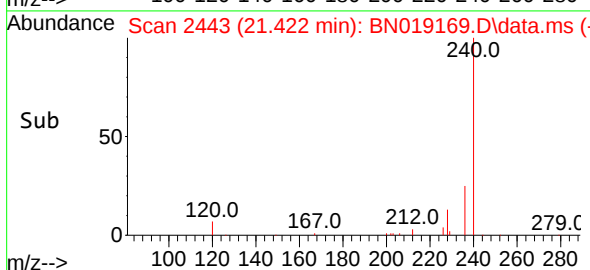
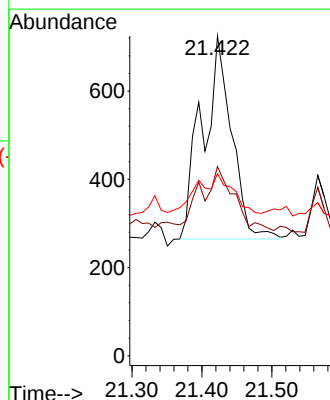
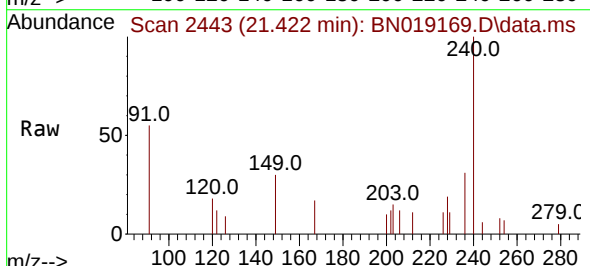
Tgt Ion:228 Resp: 1337

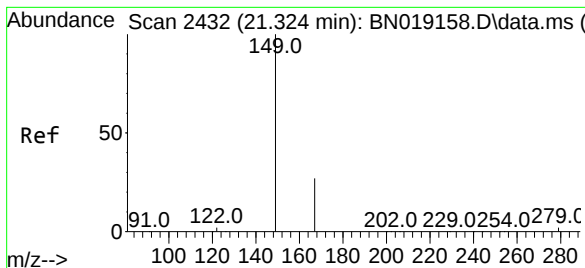
Ion Ratio Lower Upper

228 100

226 59.2 24.0 36.0#

229 57.0 15.9 23.9#

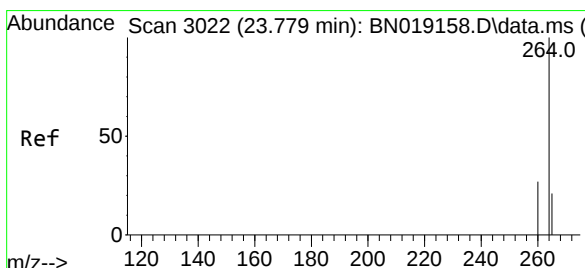
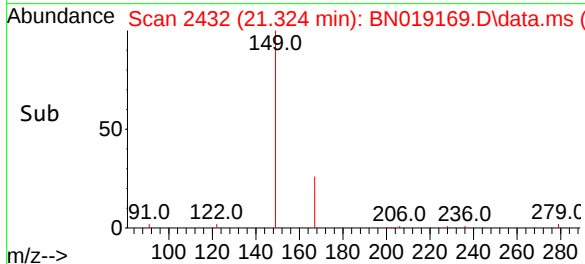
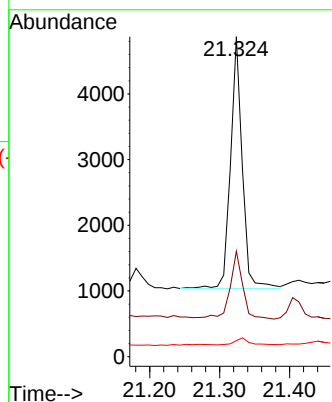
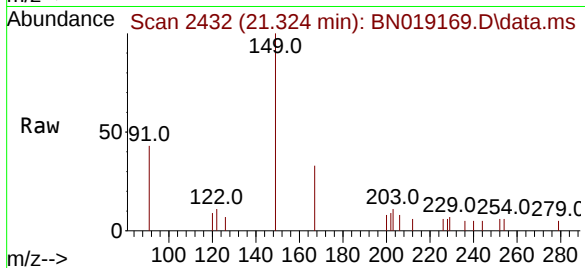




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.162 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. -0.000 min
 Lab File: BN019169.D
 Acq: 25 Mar 2022 22:57

Instrument :
 BNA_N
 ClientSampleId :
 MW-59

Tgt Ion:149 Resp: 4446
 Ion Ratio Lower Upper
 149 100
 167 29.4 21.8 32.8
 279 3.4 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.773 min Scan# 3020
 Delta R.T. -0.006 min
 Lab File: BN019169.D
 Acq: 25 Mar 2022 22:57

Tgt Ion:264 Resp: 12157
 Ion Ratio Lower Upper
 264 100
 260 28.3 22.4 33.6
 265 39.4 25.3 37.9#

