

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
 Data File : BN019186.D
 Acq On : 26 Mar 2022 10:56
 Operator : CG/JU
 Sample : N2090-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-55

Quant Time: Mar 28 09:11:38 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)

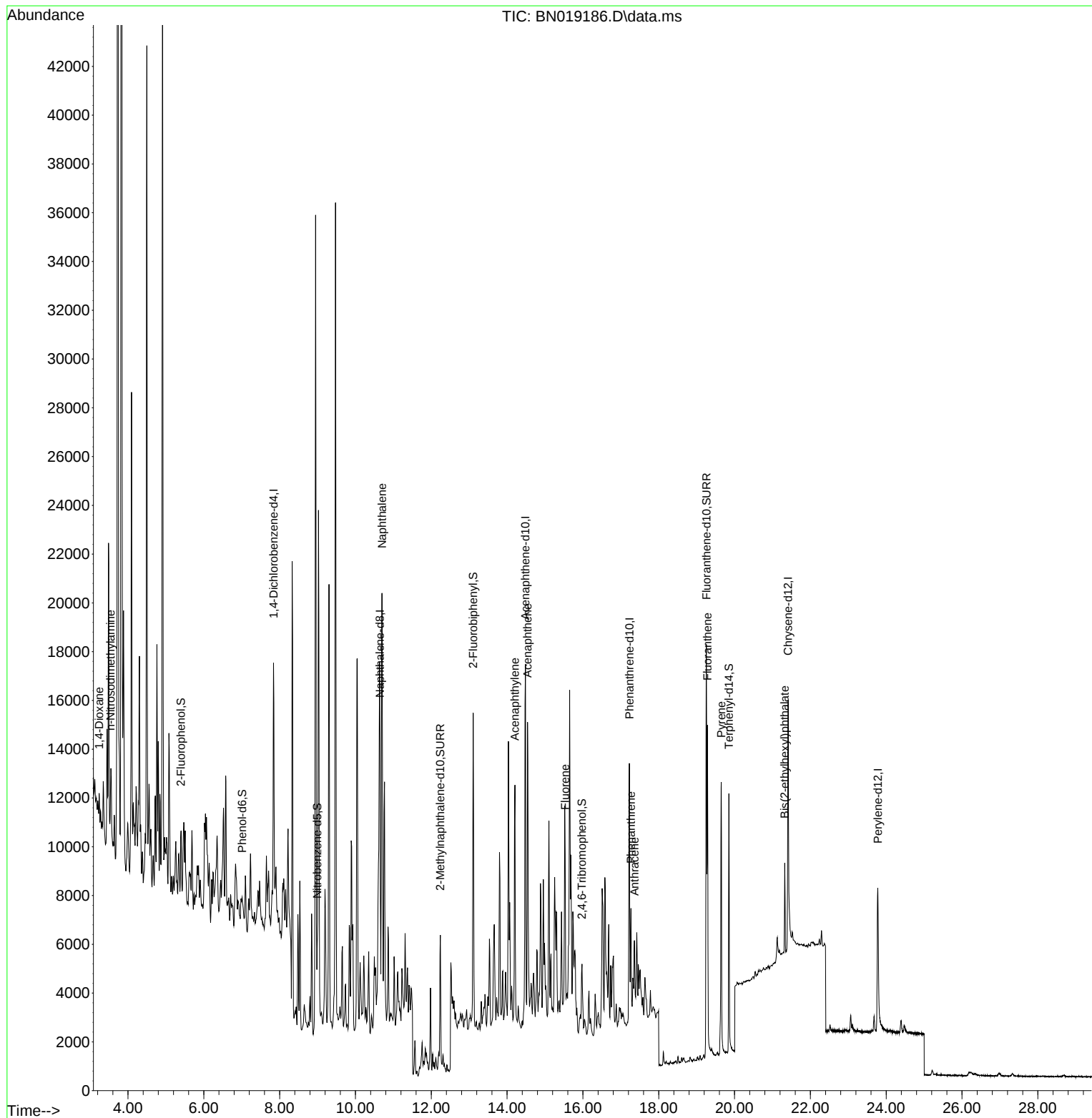
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	4205	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	12585	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	7921	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	14940	0.400	ng	0.00
29) Chrysene-d12	21.413	240	12056	0.400	ng	# 0.00
35) Perylene-d12	23.779	264	10376	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1902	0.191	ng	0.00
5) Phenol-d6	7.009	99	1201	0.106	ng	0.00
8) Nitrobenzene-d5	8.993	82	2947	0.302	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	7946	0.394	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	1440	0.374	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	11756	0.353	ng	0.00
27) Fluoranthene-d10	19.257	212	19993	0.457	ng	0.00
31) Terphenyl-d14	19.851	244	12136	0.451	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	141	0.025	ng	# 1
3) n-Nitrosodimethylamine	3.543	42	783	0.125	ng	# 1
9) Naphthalene	10.701	128	4786	0.135	ng	# 1
16) Acenaphthylene	14.207	152	1464	0.040	ng	# 6
17) Acenaphthene	14.538	154	6233	0.243	ng	97
18) Fluorene	15.532	166	4120	0.126	ng	# 97
25) Phenanthrene	17.267	178	4655	0.097	ng	95
26) Anthracene	17.359	178	3824	0.096	ng	# 82
28) Fluoranthene	19.286	202	12469	0.230	ng	99
30) Pyrene	19.649	202	10997	0.193	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.324	149	3251	0.138	ng	# 100

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

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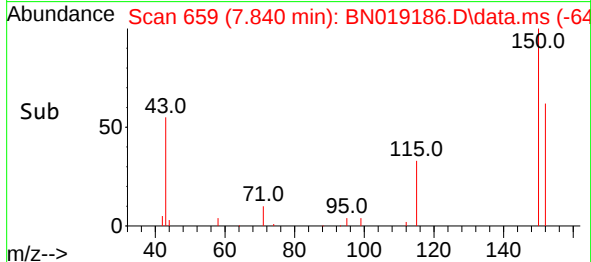
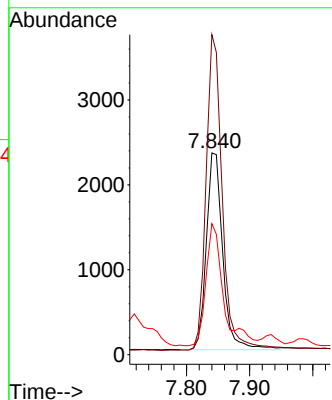
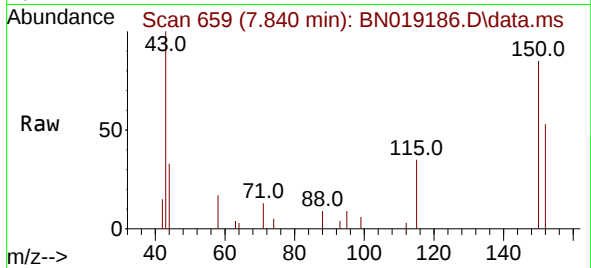




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.840 min Scan# 660
 Delta R.T. -0.007 min
 Lab File: BN019186.D
 Acq: 26 Mar 2022 10:56

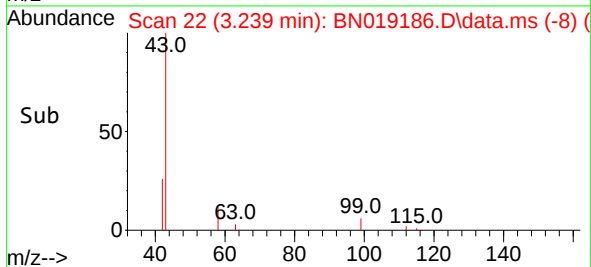
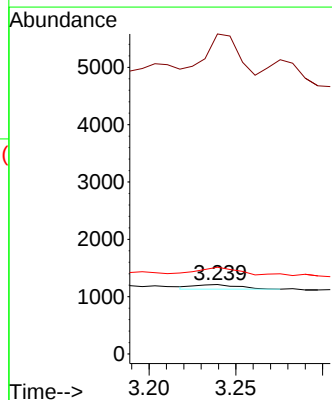
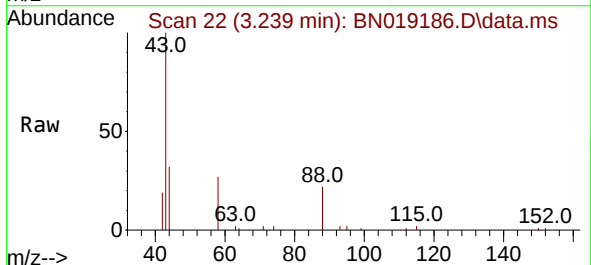
Instrument :
 BNA_N
 ClientSampleId :
 MW-55

Tgt Ion:152 Resp: 4205
 Ion Ratio Lower Upper
 152 100
 150 158.6 123.9 185.9
 115 65.0 48.2 72.4



#2
 1,4-Dioxane
 Concen: 0.025 ng
 RT: 3.239 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: BN019186.D
 Acq: 26 Mar 2022 10:56

Tgt Ion: 88 Resp: 141
 Ion Ratio Lower Upper
 88 100
 43 636.9 24.6 37.0#
 58 118.4 65.4 98.2#

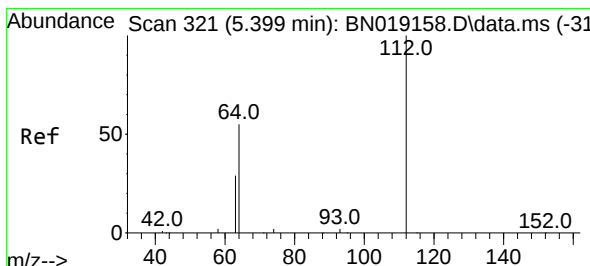
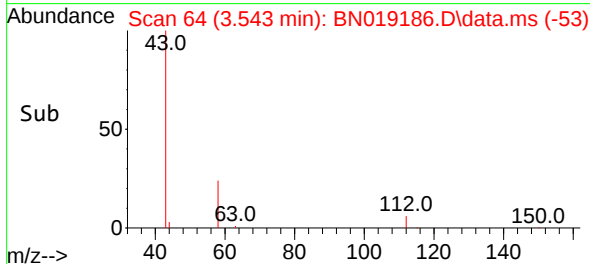
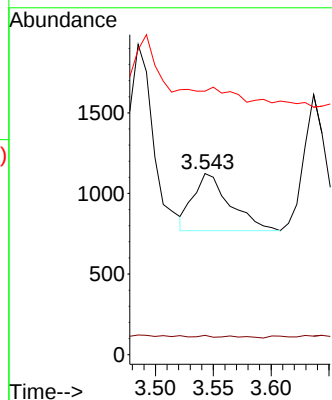
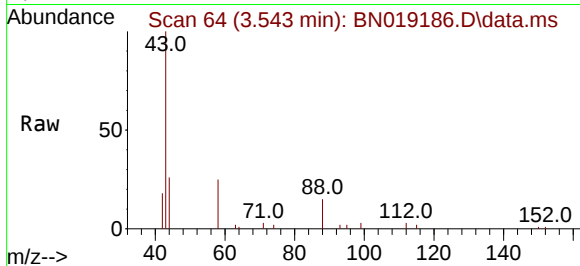




#3
 n-Nitrosodimethylamine
 Concen: 0.125 ng
 RT: 3.543 min Scan# 64
 Delta R.T. -0.022 min
 Lab File: BN019186.D
 Acq: 26 Mar 2022 10:56

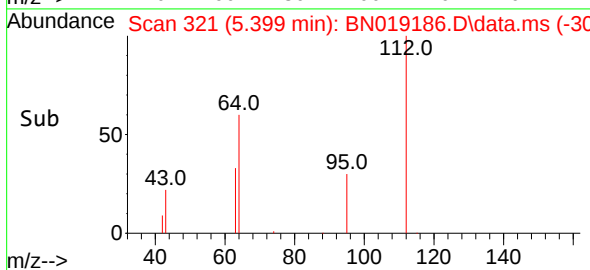
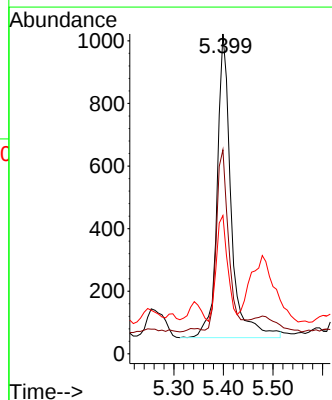
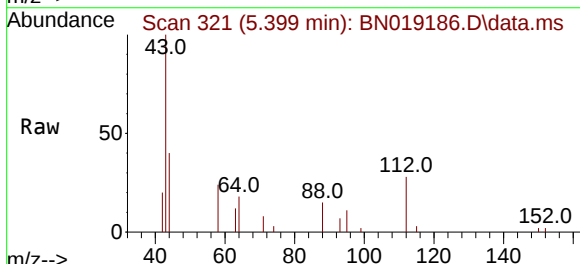
Instrument :
 BNA_N
 ClientSampleId :
 MW-55

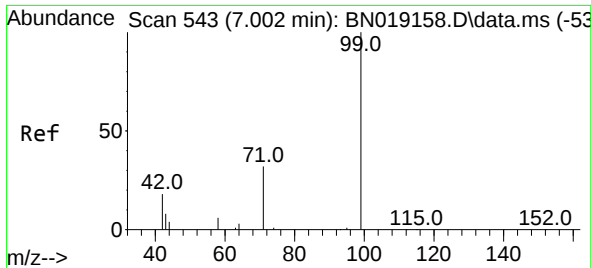
Tgt Ion: 42 Resp: 783
 Ion Ratio Lower Upper
 42 100
 74 0.0 96.9 145.3#
 44 0.0 7.3 10.9#



#4
 2-Fluorophenol
 Concen: 0.191 ng
 RT: 5.399 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: BN019186.D
 Acq: 26 Mar 2022 10:56

Tgt Ion: 112 Resp: 1902
 Ion Ratio Lower Upper
 112 100
 64 51.9 47.8 71.8
 63 28.4 25.7 38.5

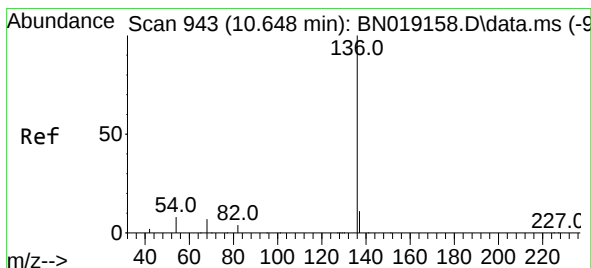
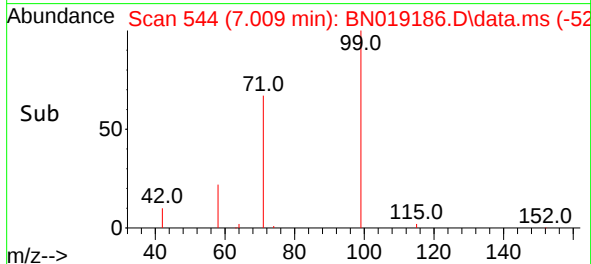
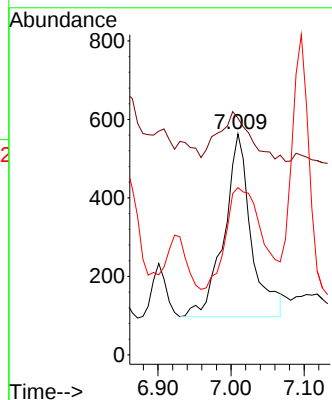
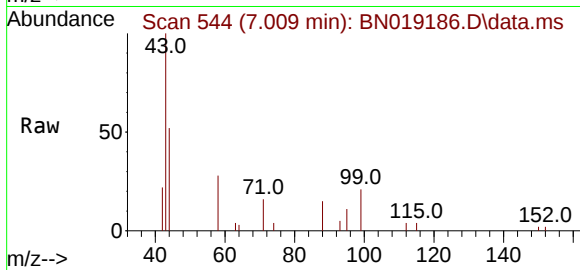




#5
Phenol-d6
Concen: 0.106 ng
RT: 7.009 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56

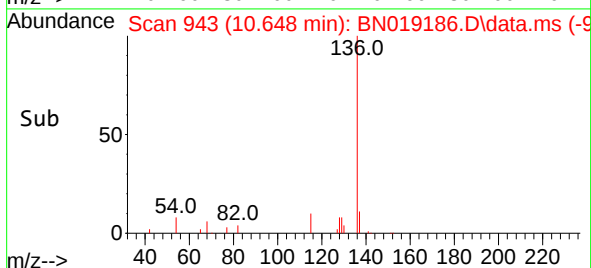
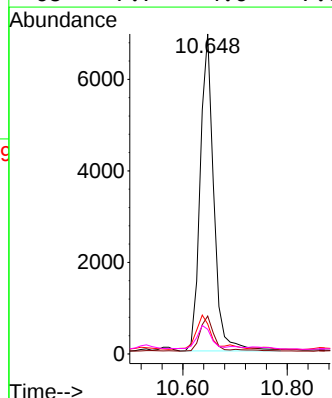
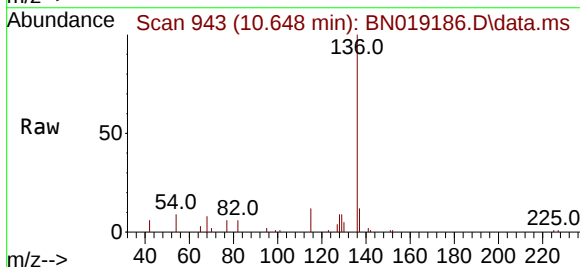
Instrument :
BNA_N
ClientSampleId :
MW-55

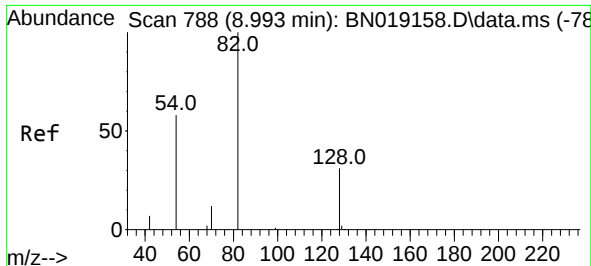
Tgt Ion: 99 Resp: 1201
Ion Ratio Lower Upper
99 100
42 27.9 16.2 24.4#
71 74.2 27.7 41.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56

Tgt Ion: 136 Resp: 12585
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.4
54 9.3 5.8 8.6#
68 7.7 4.6 7.0#

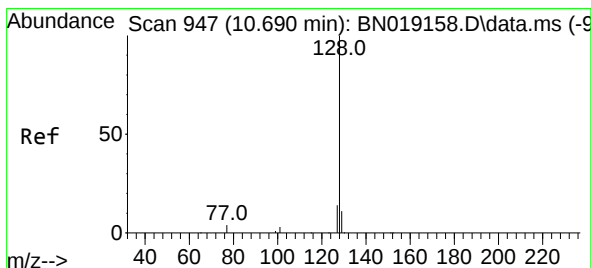
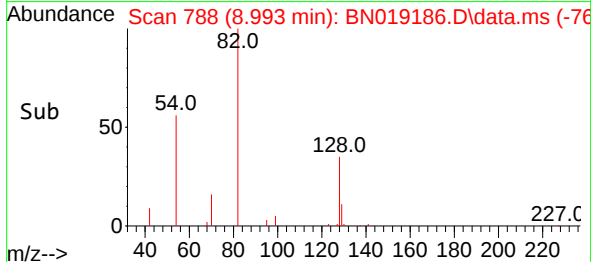
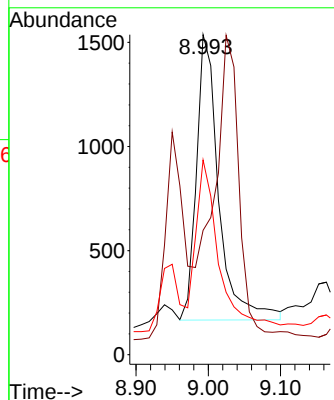
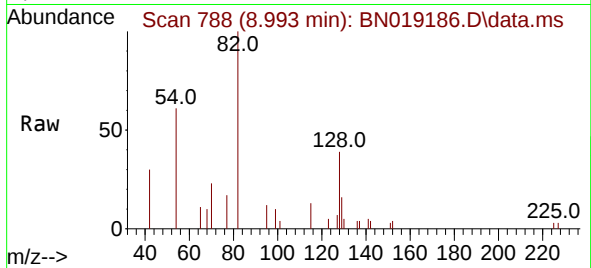




#8
 Nitrobenzene-d5
 Concen: 0.302 ng
 RT: 8.993 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: BN019186.D
 Acq: 26 Mar 2022 10:56

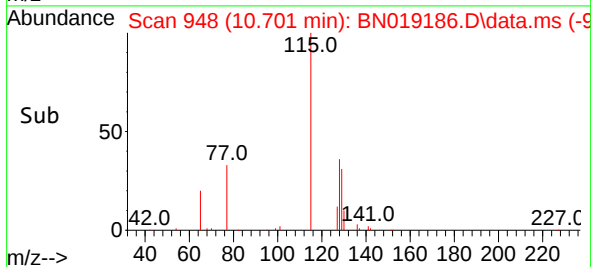
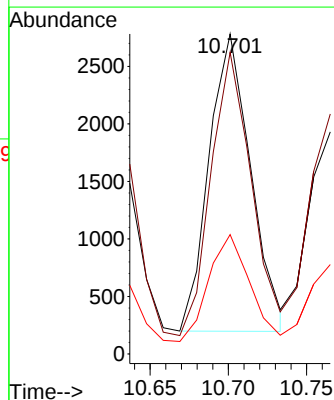
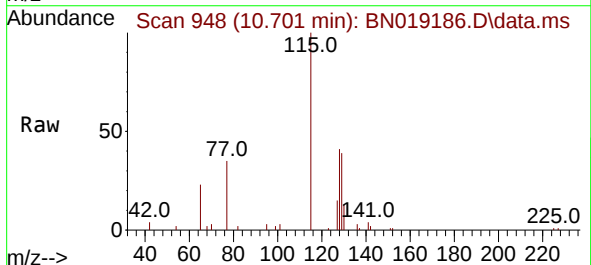
Instrument :
 BNA_N
 ClientSampleId :
 MW-55

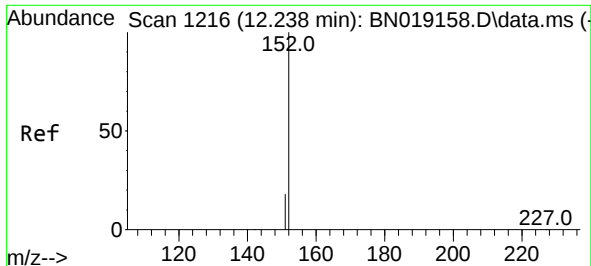
Tgt Ion:	82	Resp:	2947
Ion	Ratio	Lower	Upper
82	100		
128	38.8	33.0	49.6
54	60.8	42.5	63.7



#9
 Naphthalene
 Concen: 0.135 ng
 RT: 10.701 min Scan# 948
 Delta R.T. 0.011 min
 Lab File: BN019186.D
 Acq: 26 Mar 2022 10:56

Tgt Ion:	128	Resp:	4786
Ion	Ratio	Lower	Upper
128	100		
129	94.2	9.0	13.4#
127	37.3	10.7	16.1#





#11

2-Methylnaphthalene-d10

Concen: 0.394 ng

RT: 12.238 min Scan# 1216

Delta R.T. -0.000 min

Lab File: BN019186.D

Acq: 26 Mar 2022 10:56

Instrument :

BNA_N

ClientSampleId :

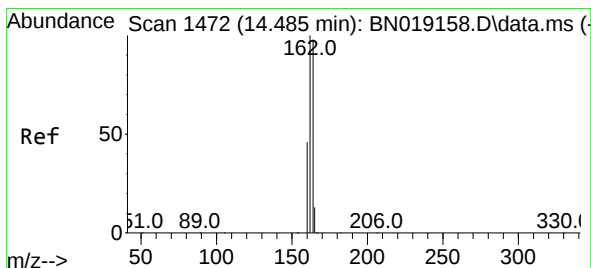
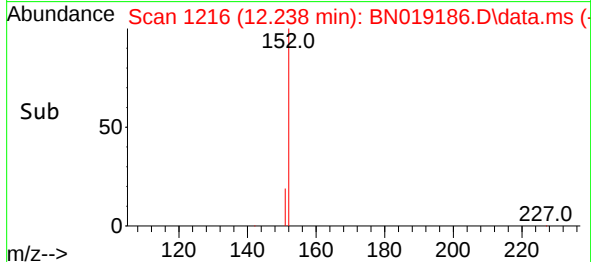
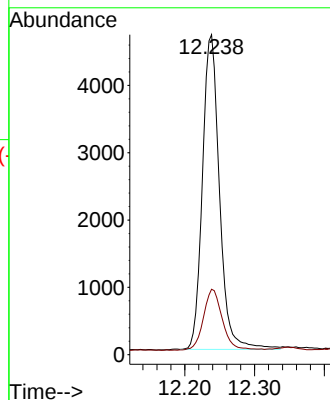
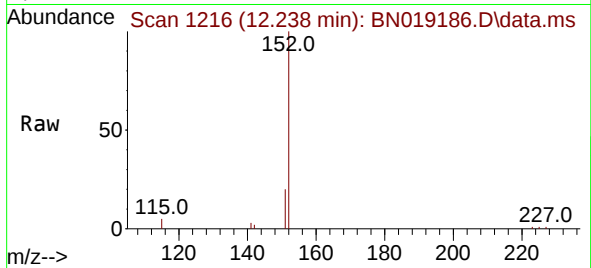
MW-55

Tgt Ion:152 Resp: 7946

Ion Ratio Lower Upper

152 100

151 21.6 16.5 24.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.485 min Scan# 1472

Delta R.T. -0.000 min

Lab File: BN019186.D

Acq: 26 Mar 2022 10:56

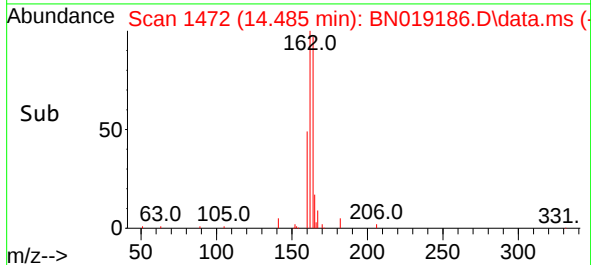
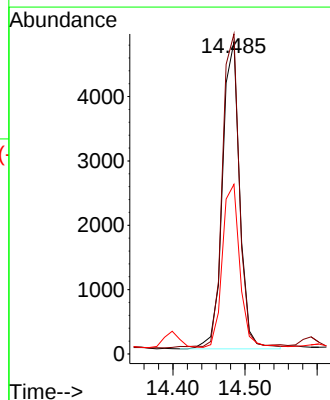
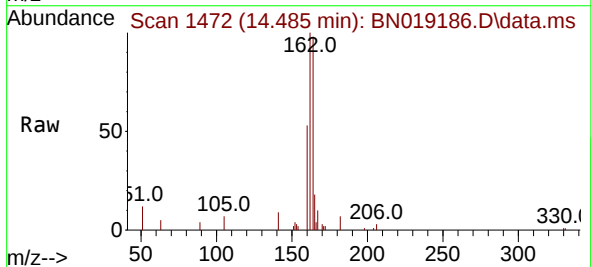
Tgt Ion:164 Resp: 7921

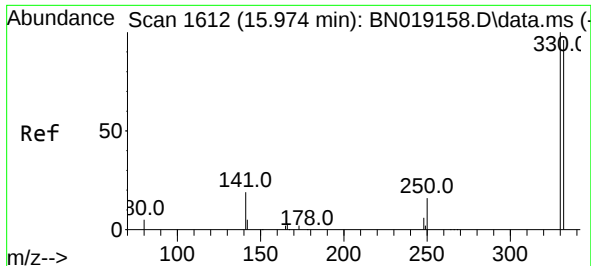
Ion Ratio Lower Upper

164 100

162 102.5 85.2 127.8

160 54.4 41.5 62.3

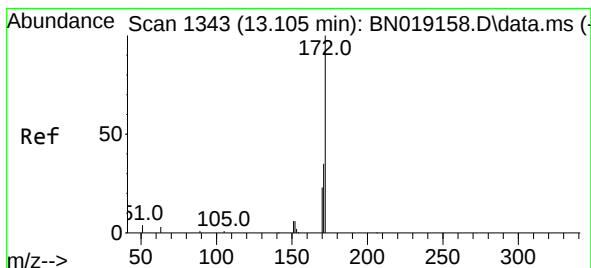
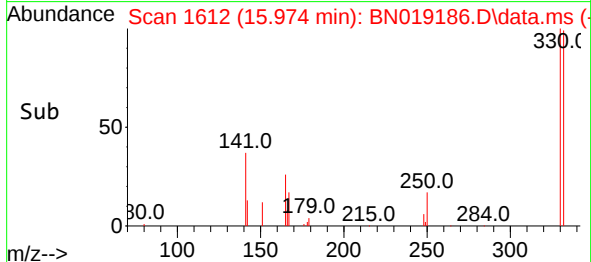
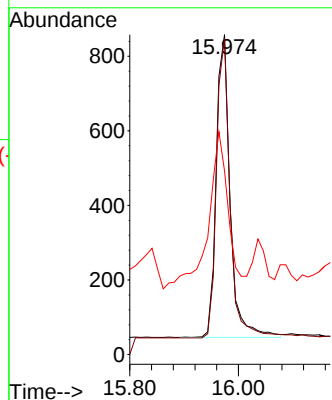
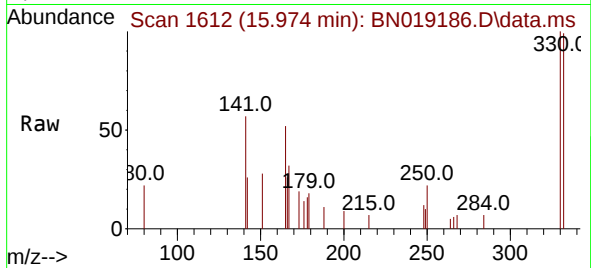




#14
2,4,6-Tribromophenol
Concen: 0.374 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56

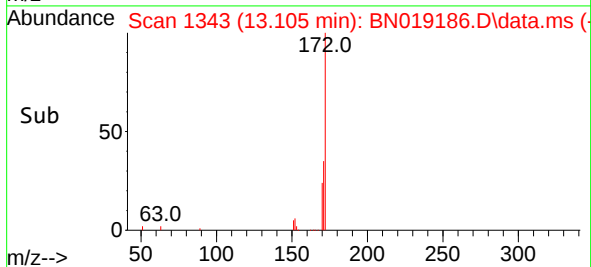
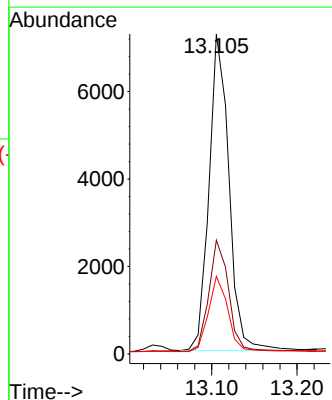
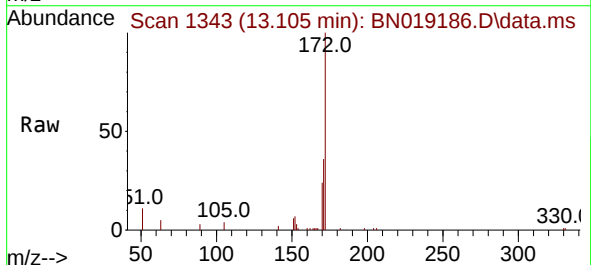
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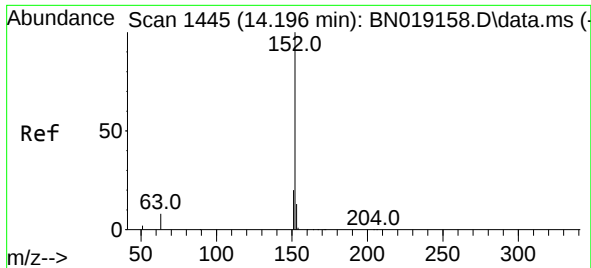
Tgt Ion: 330 Resp: 1440
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 55.6 32.2 48.2#



#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.105 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56

Tgt Ion: 172 Resp: 11756
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 24.3 18.7 28.1

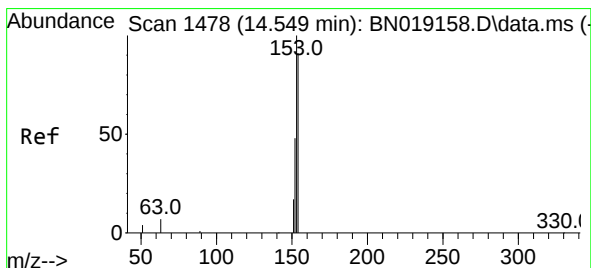
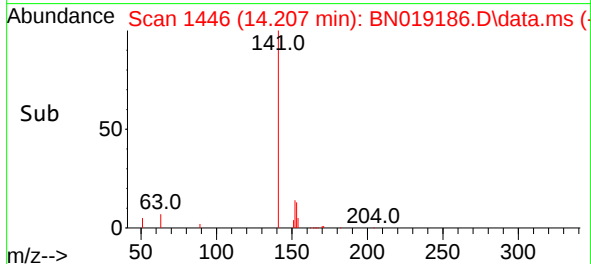
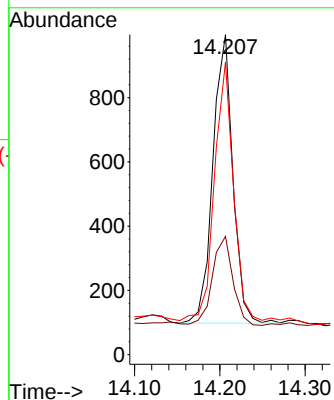
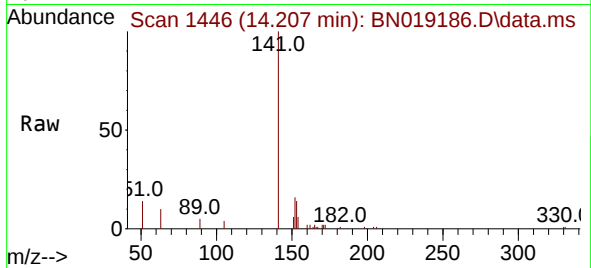




#16
Acenaphthylene
Concen: 0.040 ng
RT: 14.207 min Scan# 1446
Delta R.T. 0.011 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56

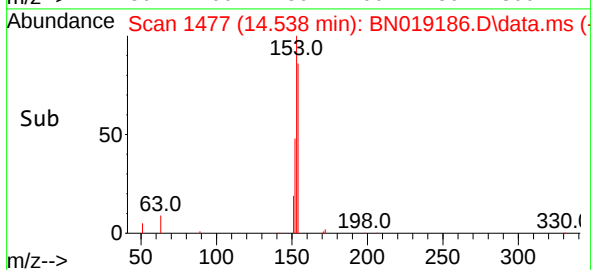
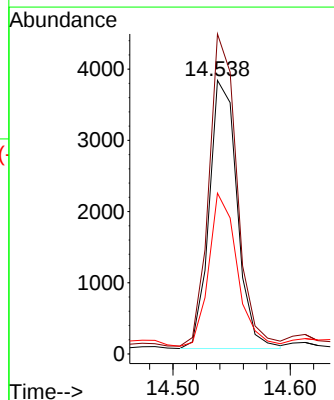
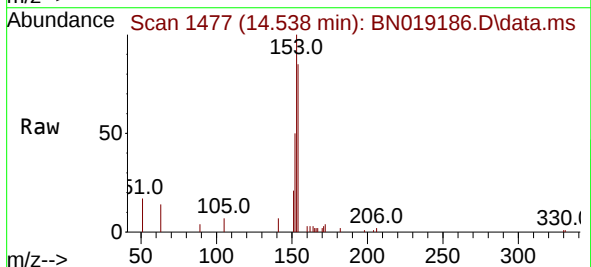
Instrument :
BNA_N
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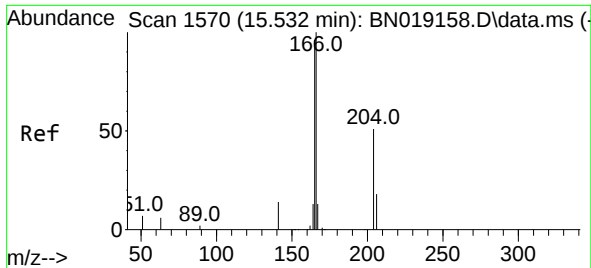
Tgt Ion:152 Resp: 1464
Ion Ratio Lower Upper
152 100
151 31.6 15.9 23.9#
153 92.0 10.6 15.8#



#17
Acenaphthene
Concen: 0.243 ng
RT: 14.538 min Scan# 1477
Delta R.T. -0.011 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56

Tgt Ion:154 Resp: 6233
Ion Ratio Lower Upper
154 100
153 116.3 89.7 134.5
152 57.8 44.7 67.1

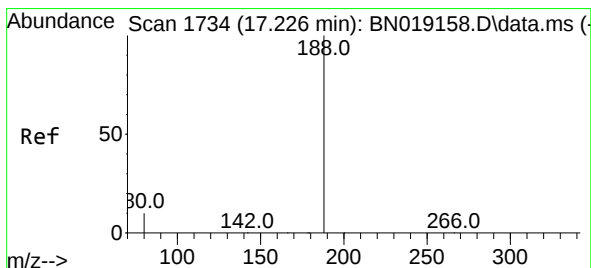
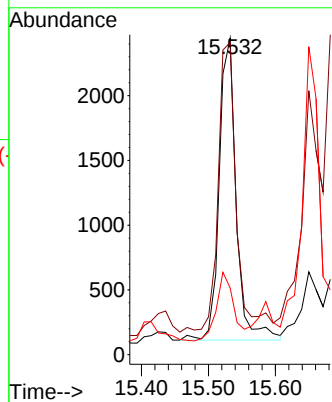
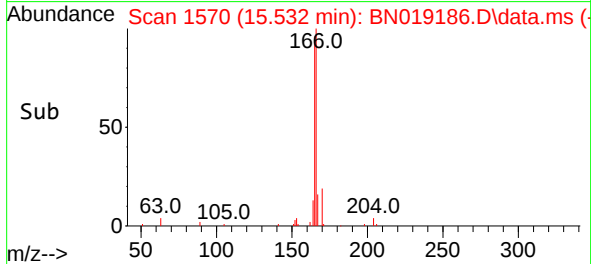
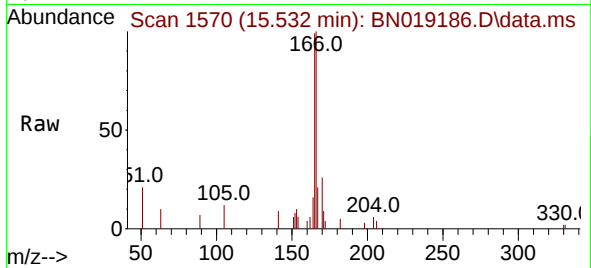




#18
Fluorene
Concen: 0.126 ng
RT: 15.532 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56

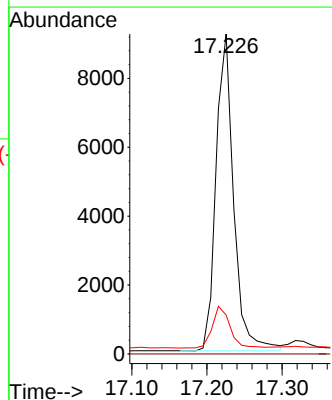
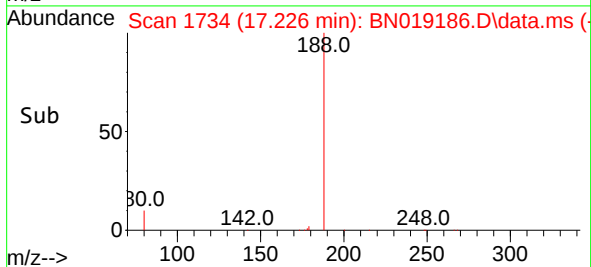
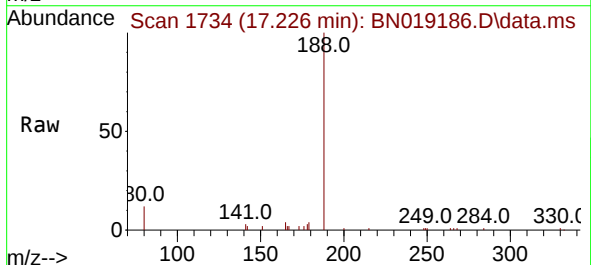
Instrument :
BNA_N
ClientSampleId :
MW-55

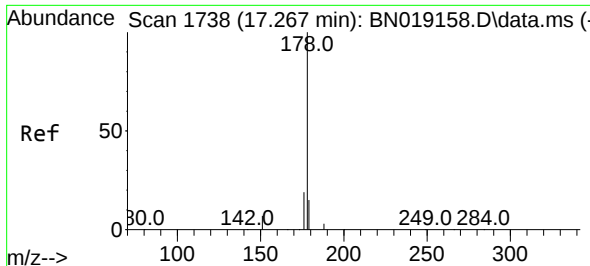
Tgt Ion:166 Resp: 4120
Ion Ratio Lower Upper
166 100
165 99.6 79.2 118.8
167 23.1 10.7 16.1#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56

Tgt Ion:188 Resp: 14940
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 11.8 17.8

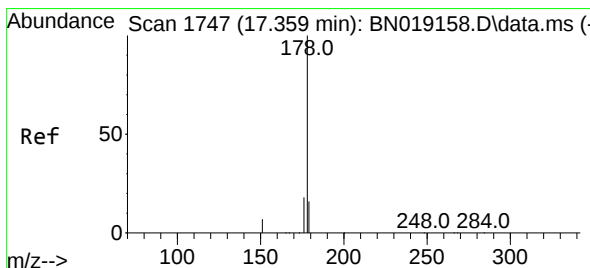
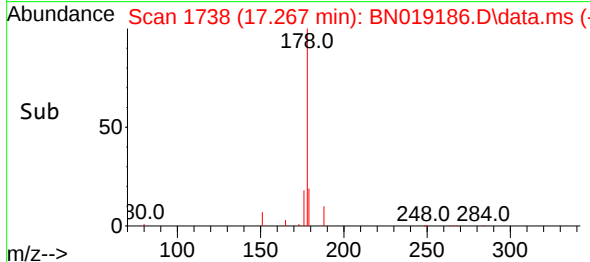
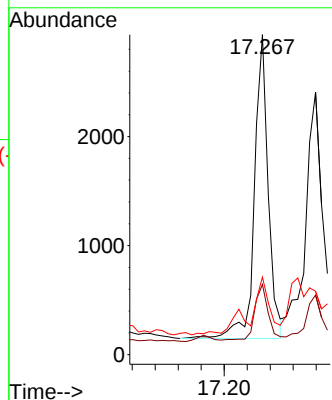
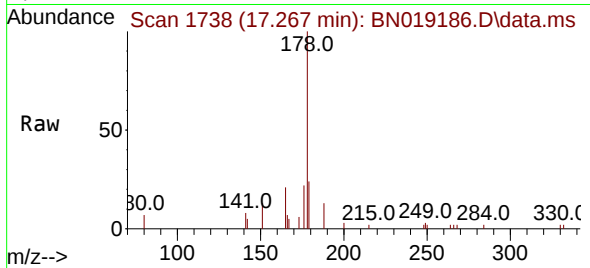




#25
Phenanthrene
Concen: 0.097 ng
RT: 17.267 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56

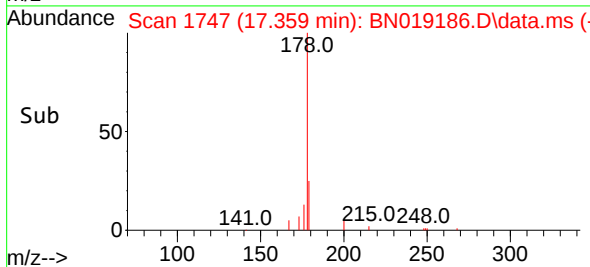
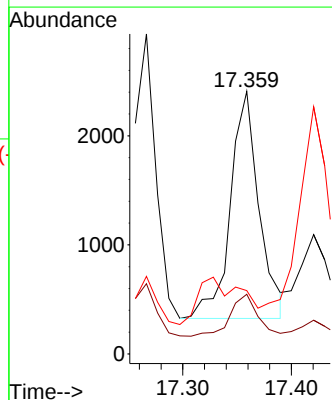
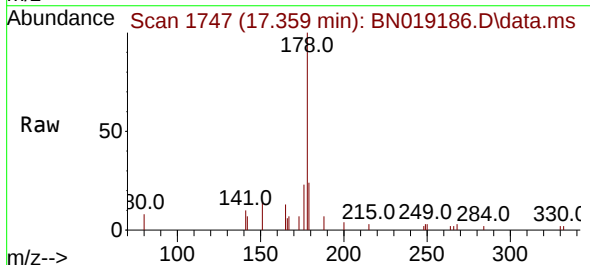
Instrument :
BNA_N
ClientSampleId :
MW-55

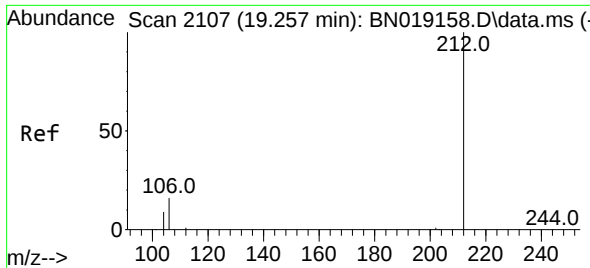
Tgt Ion:178 Resp: 4655
Ion Ratio Lower Upper
178 100
176 17.8 15.4 23.0
179 12.4 12.2 18.2



#26
Anthracene
Concen: 0.096 ng
RT: 17.359 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56

Tgt Ion:178 Resp: 3824
Ion Ratio Lower Upper
178 100
176 17.6 14.8 22.2
179 0.0 12.2 18.4#

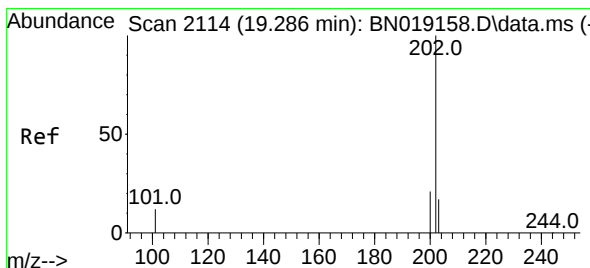
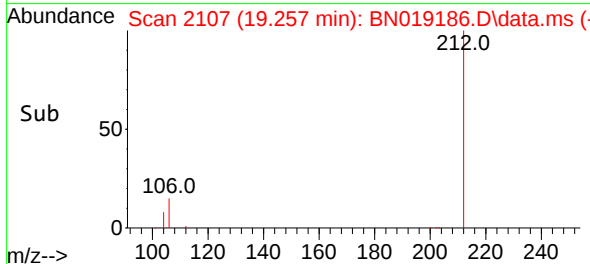
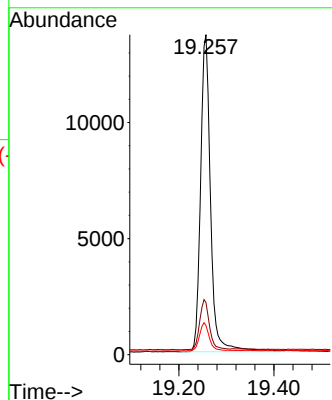
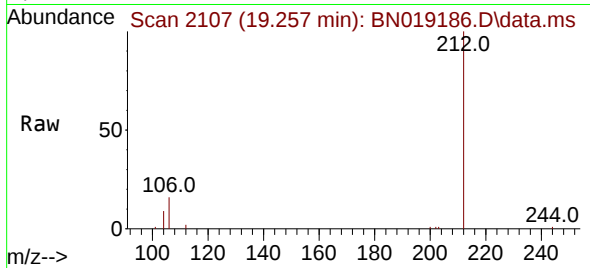




#27
Fluoranthene-d10
Concen: 0.457 ng
RT: 19.257 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56

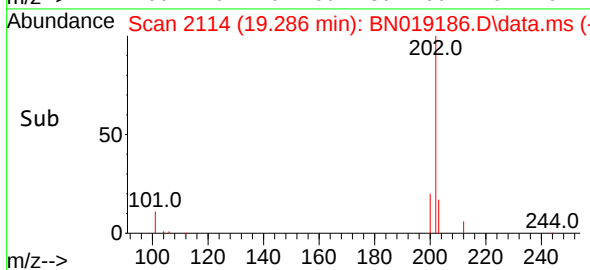
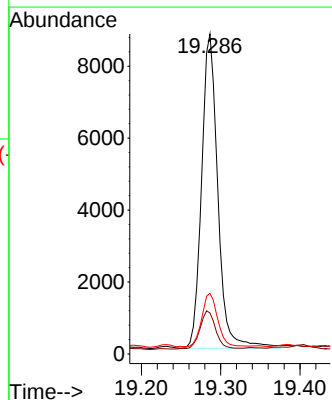
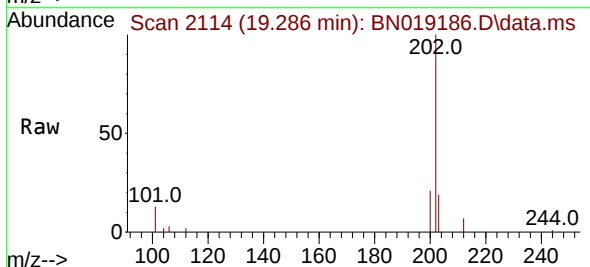
Instrument :
BNA_N
ClientSampleId :
MW-55

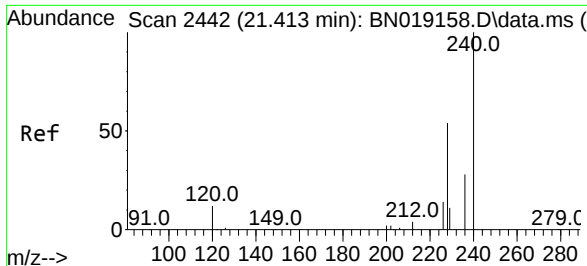
Tgt Ion:212 Resp: 19993
Ion Ratio Lower Upper
212 100
106 15.6 12.7 19.1
104 8.8 7.1 10.7



#28
Fluoranthene
Concen: 0.230 ng
RT: 19.286 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN019186.D
Acq: 26 Mar 2022 10:56

Tgt Ion:202 Resp: 12469
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.6
203 16.5 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: BN019186.D

Acq: 26 Mar 2022 10:56

Instrument :

BNA_N

ClientSampleId :

MW-55

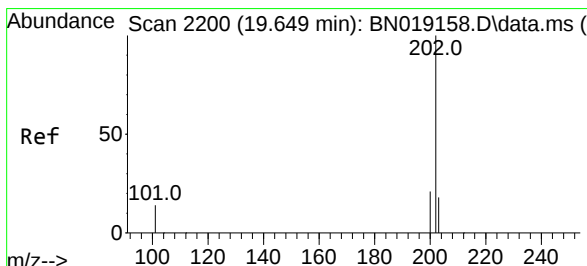
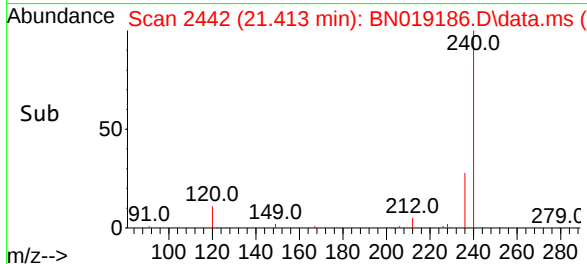
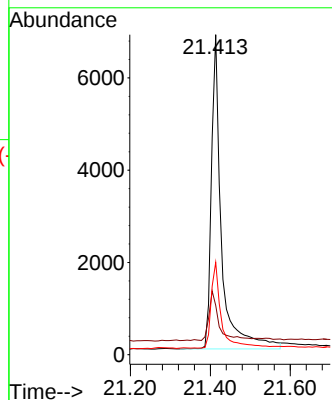
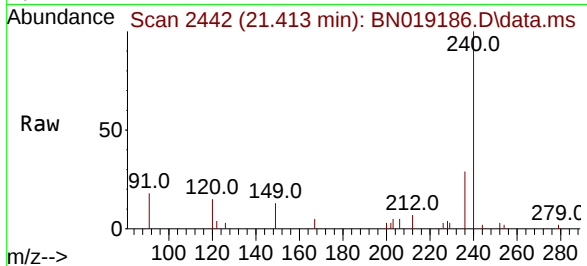
Tgt Ion:240 Resp: 12056

Ion Ratio Lower Upper

240 100

120 15.4 8.5 12.7#

236 28.9 22.4 33.6



#30

Pyrene

Concen: 0.193 ng

RT: 19.649 min Scan# 2200

Delta R.T. -0.000 min

Lab File: BN019186.D

Acq: 26 Mar 2022 10:56

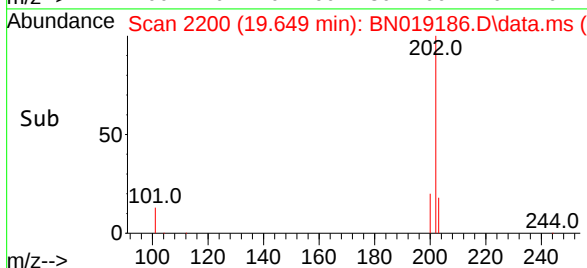
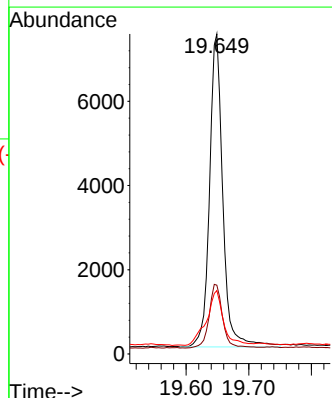
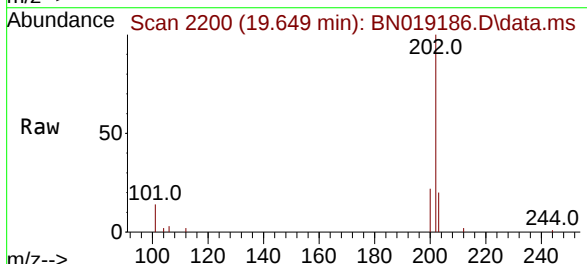
Tgt Ion:202 Resp: 10997

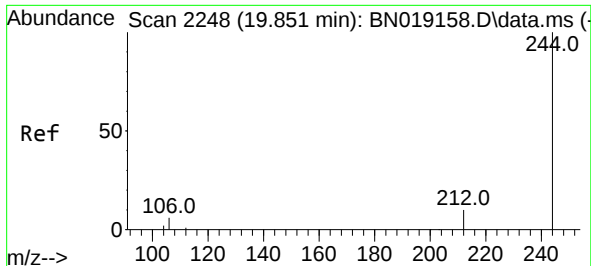
Ion Ratio Lower Upper

202 100

200 20.8 16.9 25.3

203 22.3 14.2 21.2#

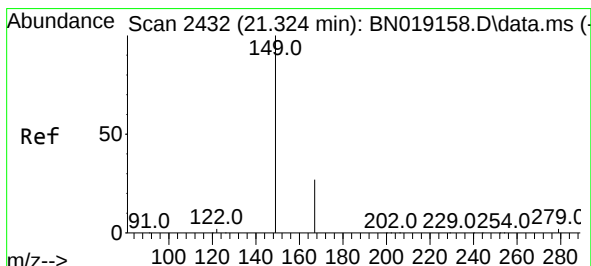
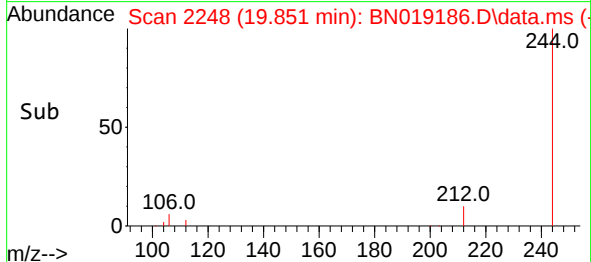
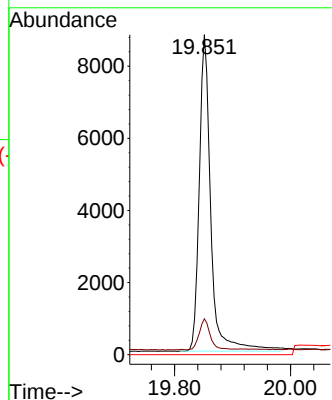
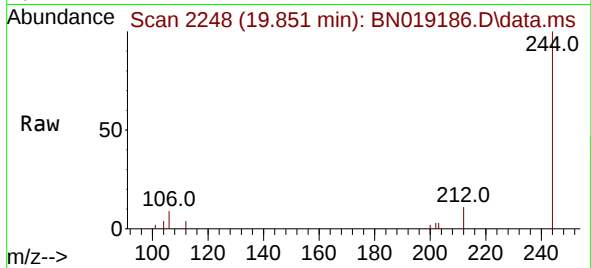




#31
 Terphenyl-d14
 Concen: 0.451 ng
 RT: 19.851 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: BN019186.D
 Acq: 26 Mar 2022 10:56

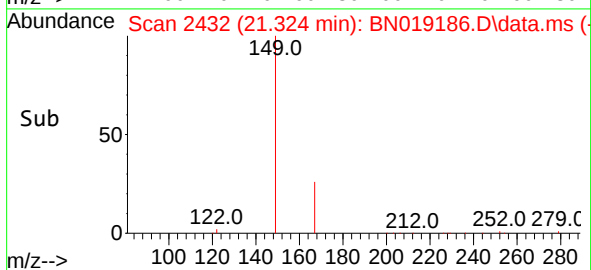
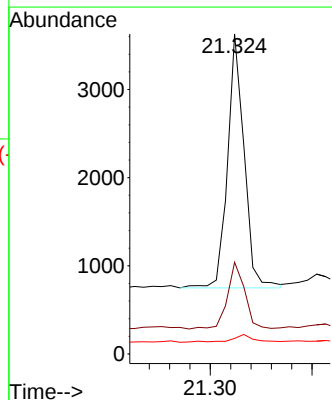
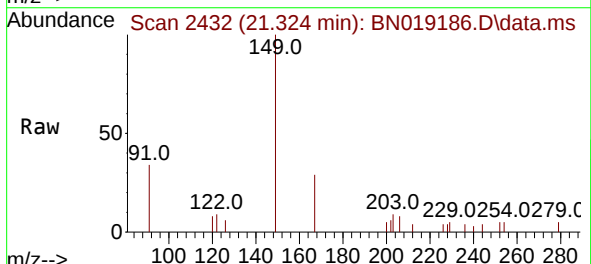
Instrument :
 BNA_N
 ClientSampleId :
 MW-55

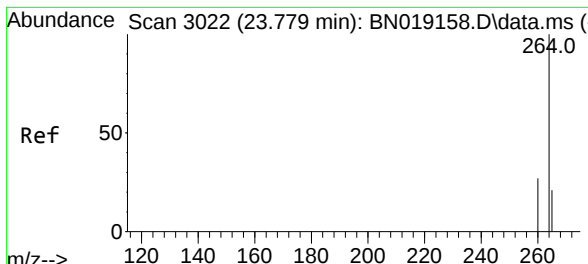
Tgt Ion:244 Resp: 12136
 Ion Ratio Lower Upper
 244 100
 212 11.2 8.2 12.4
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.138 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. -0.000 min
 Lab File: BN019186.D
 Acq: 26 Mar 2022 10:56

Tgt Ion:149 Resp: 3251
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.8 32.8
 279 3.0 2.0 3.0#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.779 min Scan# 30

Delta R.T. -0.000 min

Lab File: BN019186.D

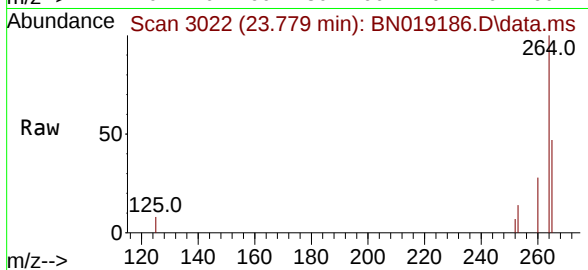
Acq: 26 Mar 2022 10:56

Instrument :

BNA_N

ClientSampleId :

MW-55



Tgt Ion:264 Resp: 10376

Ion Ratio Lower Upper

264 100

260 28.1 22.4 33.6

265 46.5 25.3 37.9#

