

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040822\
 Data File : BN019398.D
 Acq On : 08 Apr 2022 21:00
 Operator : CG/JU
 Sample : N2333-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11R

Quant Time: Apr 11 04:11:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 04 17:40:00 2022
 Response via : Initial Calibration

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

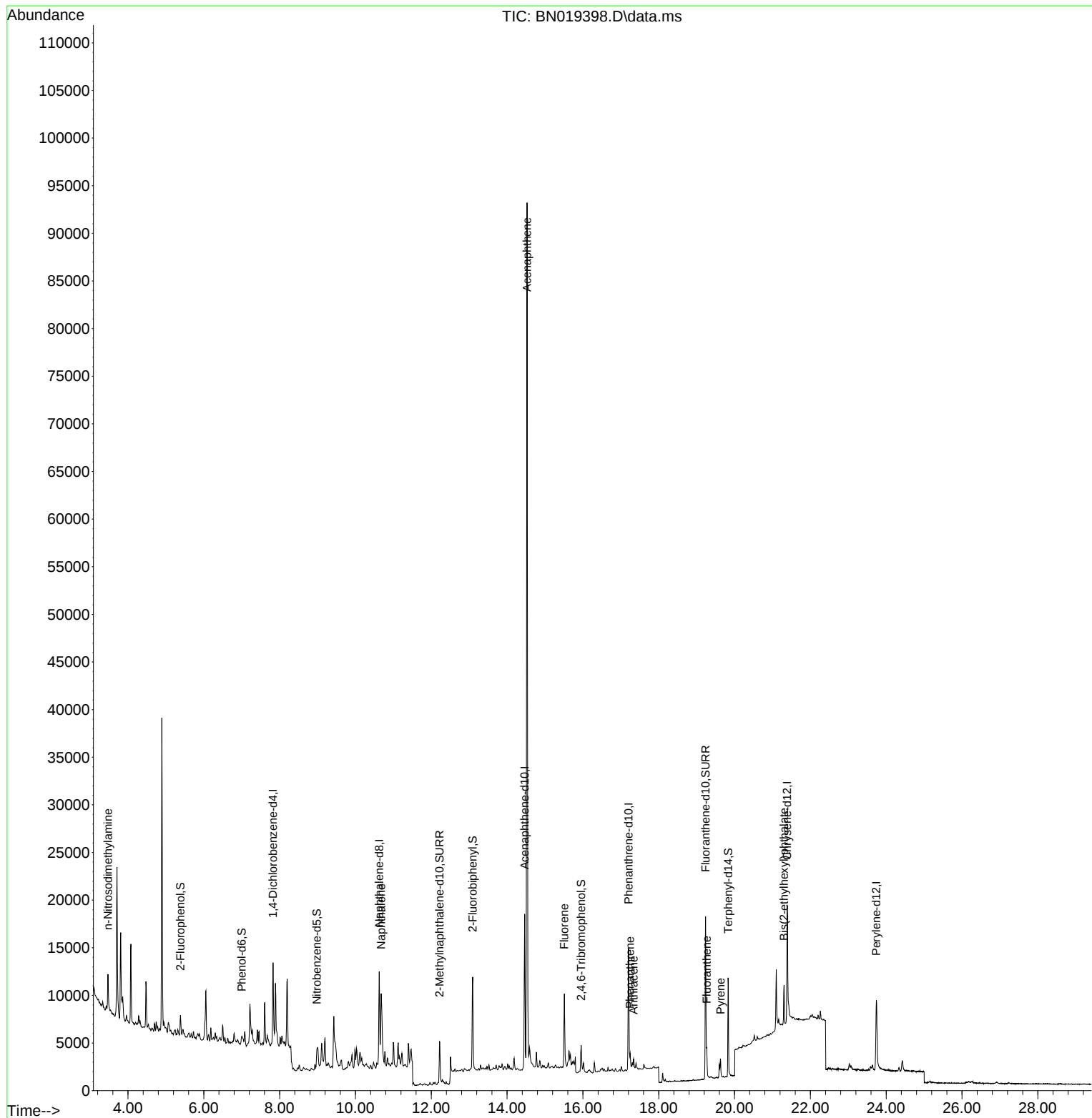
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	4494	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	13358	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	8871	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	18135	0.400	ng	# 0.00
29) Chrysene-d12	21.387	240	15203	0.400	ng	# 0.00
35) Perylene-d12	23.741	264	12220	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	1796	0.149	ng	0.00
5) Phenol-d6	7.002	99	1060	0.073	ng	0.01
8) Nitrobenzene-d5	8.982	82	3026	0.249	ng	0.00
11) 2-Methylnaphthalene-d10	12.219	152	6981	0.298	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	1582	0.294	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	9999	0.271	ng	0.00
27) Fluoranthene-d10	19.236	212	20542	0.352	ng	0.00
31) Terphenyl-d14	19.830	244	11870	0.359	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.471	42	560	0.079	ng	# 1
9) Naphthalene	10.680	128	10755	0.273	ng	# 94
17) Acenaphthene	14.527	154	46000	1.571	ng	99
18) Fluorene	15.511	166	5303	0.137	ng	# 94
25) Phenanthrene	17.246	178	1620	0.027	ng	# 91
26) Anthracene	17.338	178	1143	0.021	ng	# 85
28) Fluoranthene	19.265	202	2353	0.033	ng	98
30) Pyrene	19.628	202	1909	0.027	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.306	149	3948	0.094	ng	# 99

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

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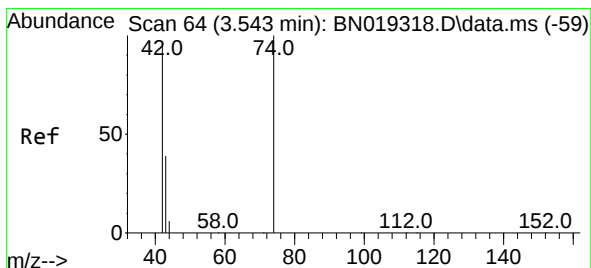
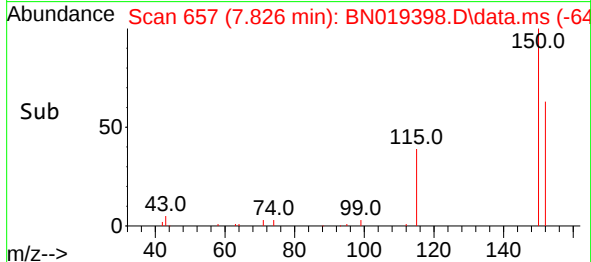
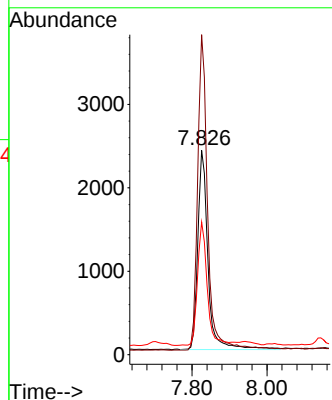
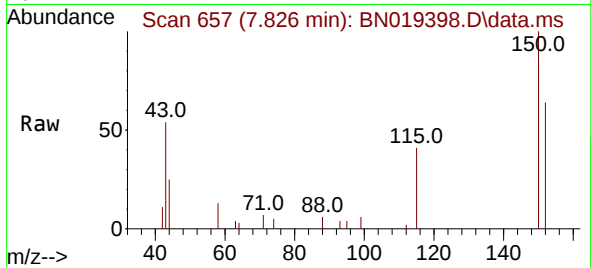




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.826 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN019398.D
 Acq: 08 Apr 2022 21:00

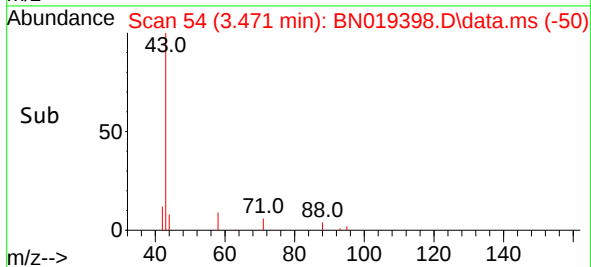
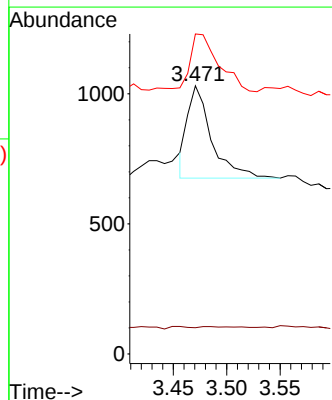
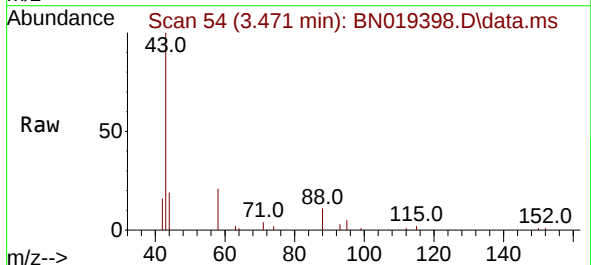
Instrument :
 BNA_N
 ClientSampleId :
 MW-11R

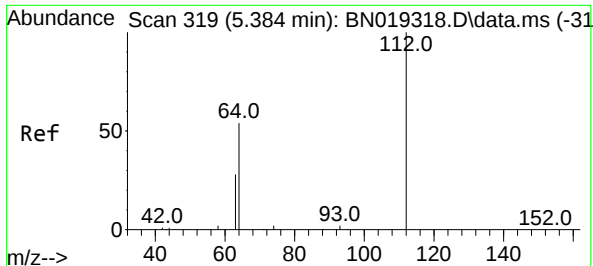
Tgt Ion:152 Resp: 4494
 Ion Ratio Lower Upper
 152 100
 150 156.6 123.9 185.9
 115 64.9 48.2 72.4



#3
 n-Nitrosodimethylamine
 Concen: 0.079 ng
 RT: 3.471 min Scan# 54
 Delta R.T. -0.072 min
 Lab File: BN019398.D
 Acq: 08 Apr 2022 21:00

Tgt Ion: 42 Resp: 560
 Ion Ratio Lower Upper
 42 100
 74 1.8 96.9 145.3#
 44 73.9 7.3 10.9#

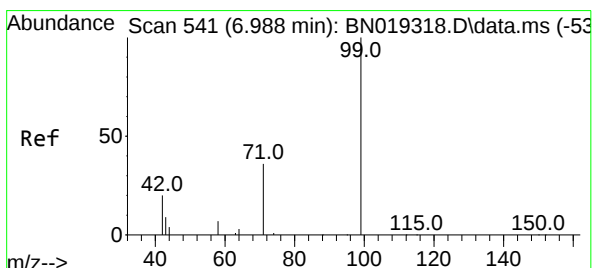
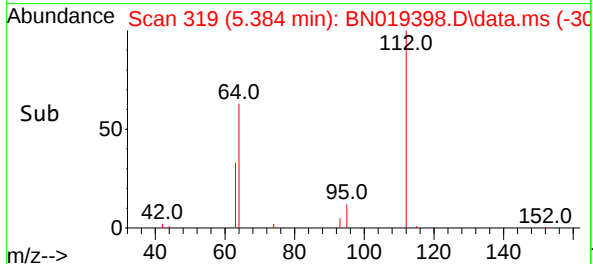
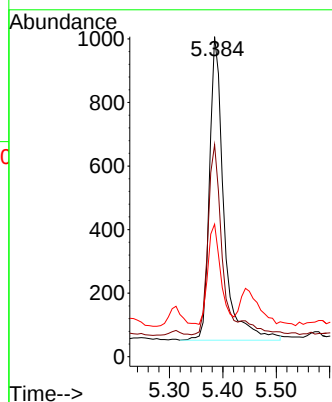
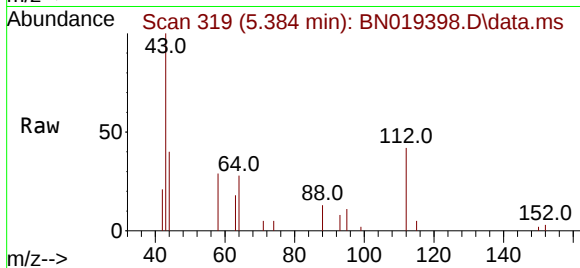




#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

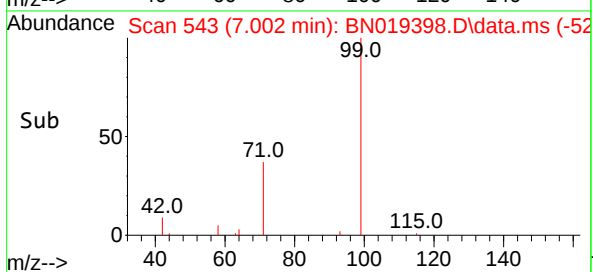
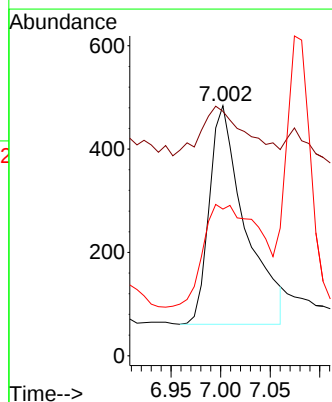
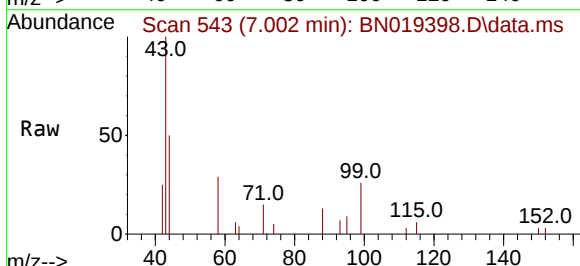
Instrument :
BNA_N
ClientSampleId :
MW-11R

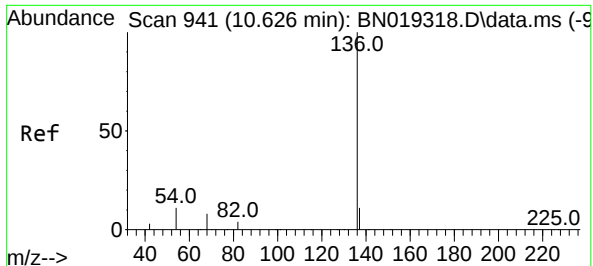
Tgt Ion:	112	Resp:	1796
Ion	Ratio	Lower	Upper
112	100		
64	63.8	47.8	71.8
63	28.9	25.7	38.5



#5
Phenol-d6
Concen: 0.073 ng
RT: 7.002 min Scan# 543
Delta R.T. 0.015 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

Tgt Ion:	99	Resp:	1060
Ion	Ratio	Lower	Upper
99	100		
42	27.0	16.2	24.4#
71	74.1	27.7	41.5#

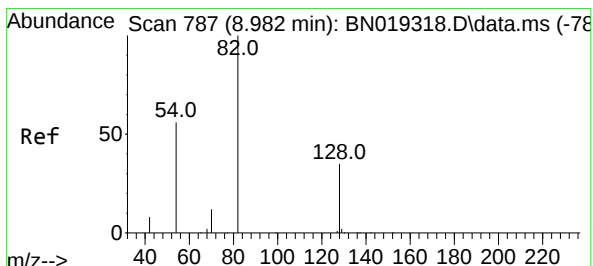
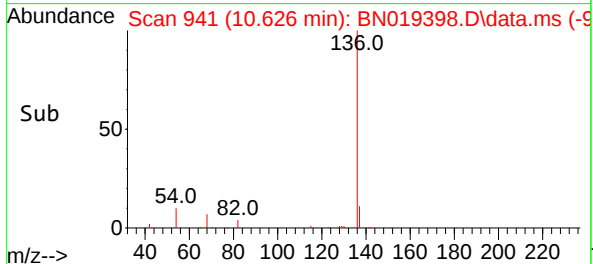
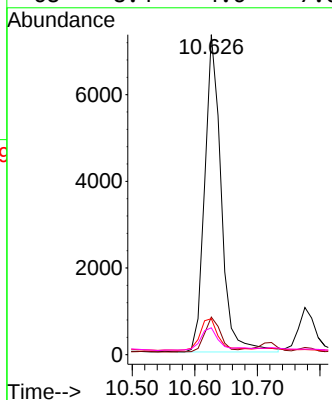
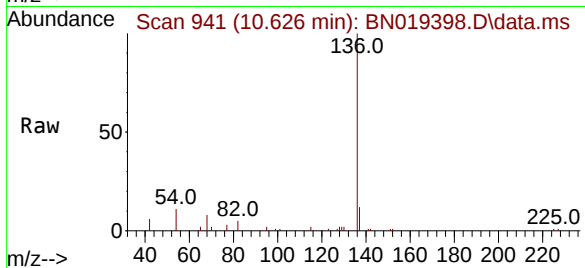




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

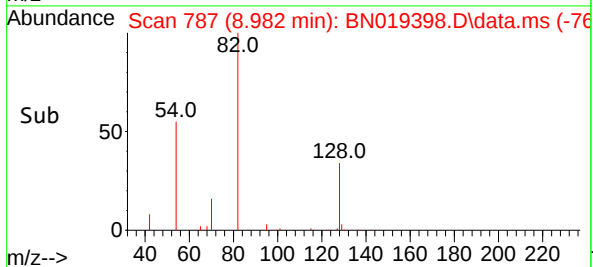
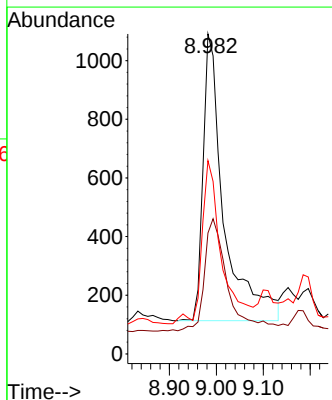
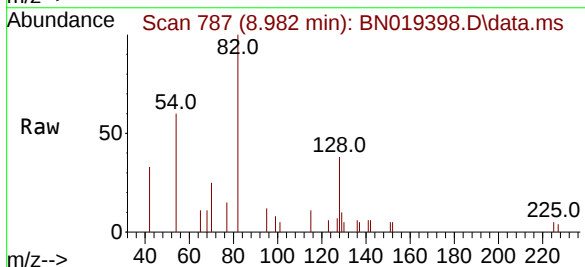
Instrument :
BNA_N
ClientSampleId :
MW-11R

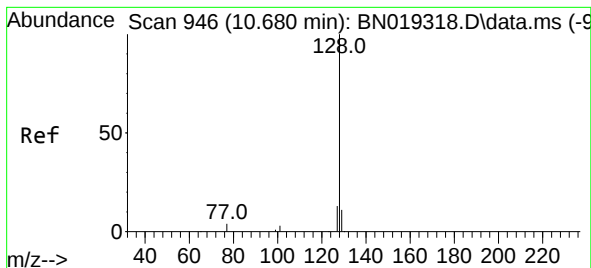
Tgt Ion:	136	Resp:	13358
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	11.3	5.8	8.6#
68	8.4	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.249 ng
RT: 8.982 min Scan# 787
Delta R.T. 0.000 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

Tgt Ion:	82	Resp:	3026
Ion	Ratio	Lower	Upper
82	100		
128	37.8	33.0	49.6
54	60.4	42.5	63.7





#9

Naphthalene

Concen: 0.273 ng

RT: 10.680 min Scan# 946

Delta R.T. 0.000 min

Lab File: BN019398.D

Acq: 08 Apr 2022 21:00

Instrument :

BNA_N

ClientSampleId :

MW-11R

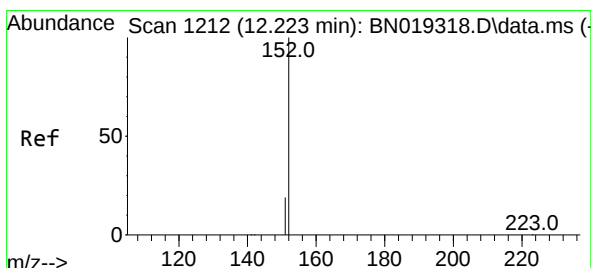
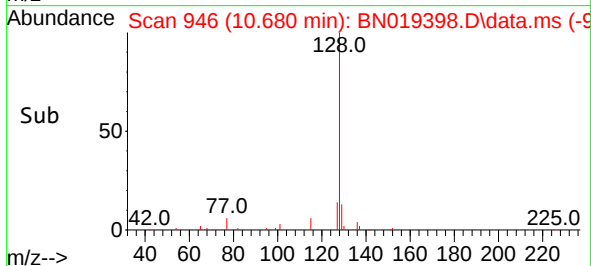
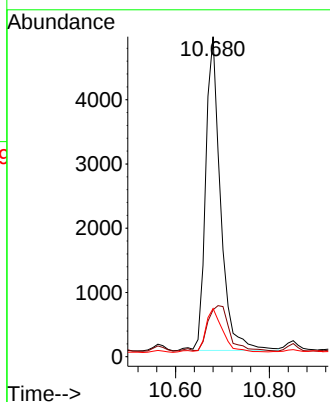
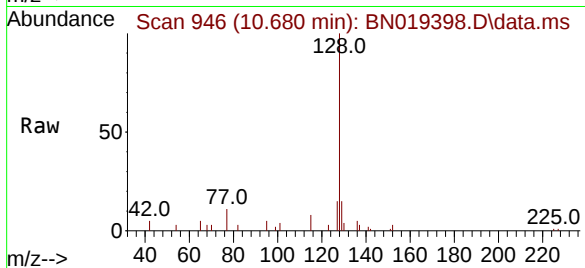
Tgt Ion:128 Resp: 10755

Ion Ratio Lower Upper

128 100

129 14.6 9.0 13.4#

127 15.0 10.7 16.1



#11

2-Methylnaphthalene-d10

Concen: 0.298 ng

RT: 12.219 min Scan# 1211

Delta R.T. -0.004 min

Lab File: BN019398.D

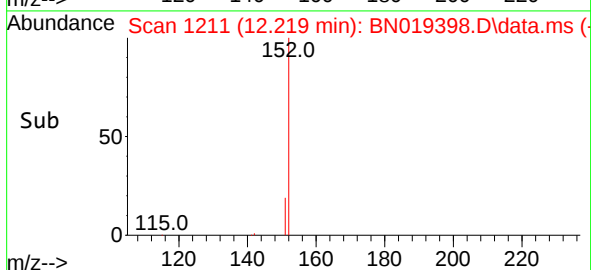
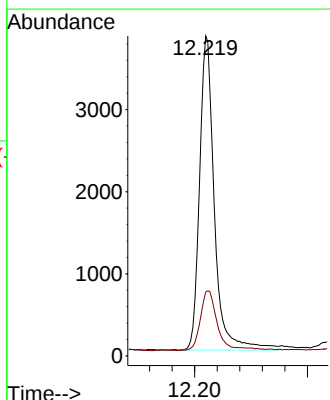
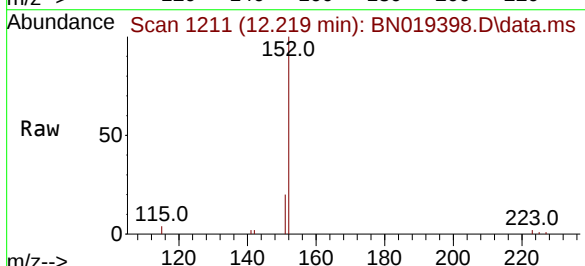
Acq: 08 Apr 2022 21:00

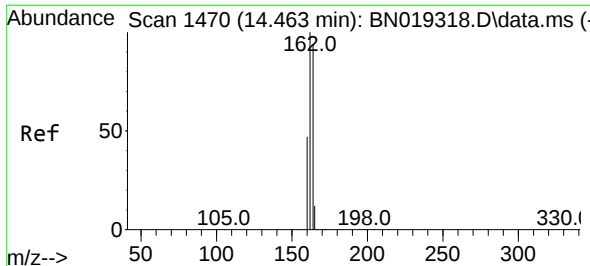
Tgt Ion:152 Resp: 6981

Ion Ratio Lower Upper

152 100

151 21.3 16.5 24.7

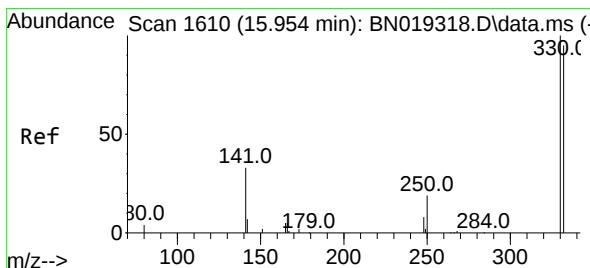
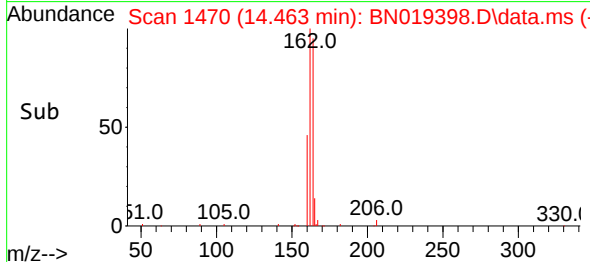
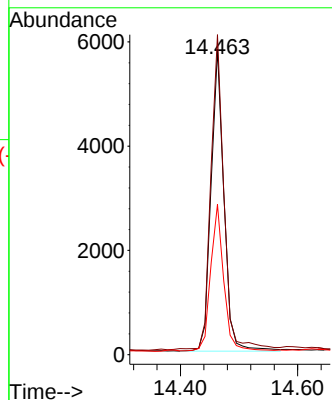
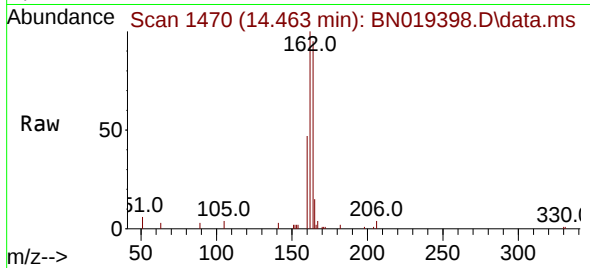




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

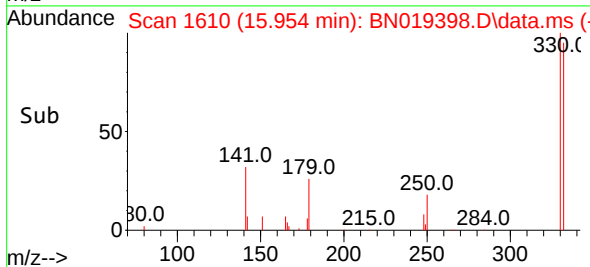
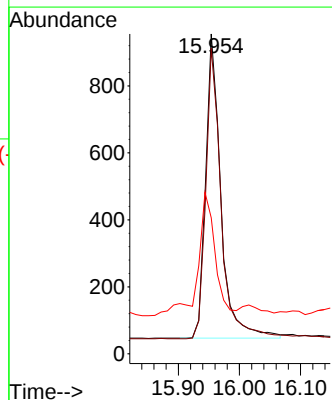
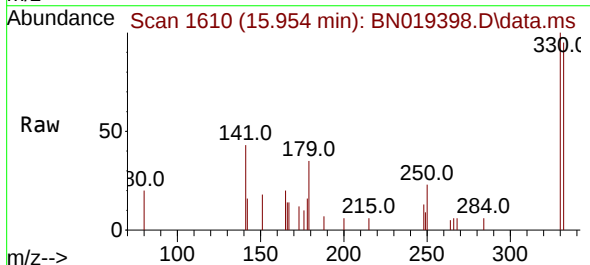
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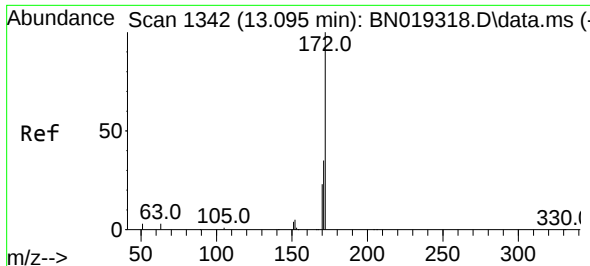
Tgt Ion:164 Resp: 8871
Ion Ratio Lower Upper
164 100
162 104.9 85.2 127.8
160 49.2 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.294 ng
RT: 15.954 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

Tgt Ion:330 Resp: 1582
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 40.1 32.2 48.2

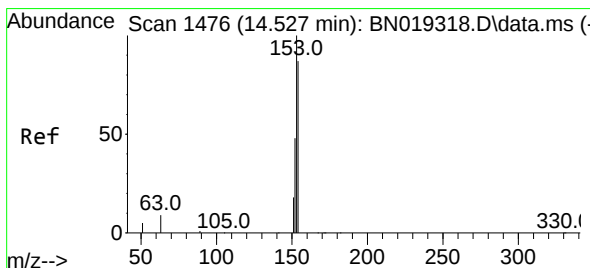
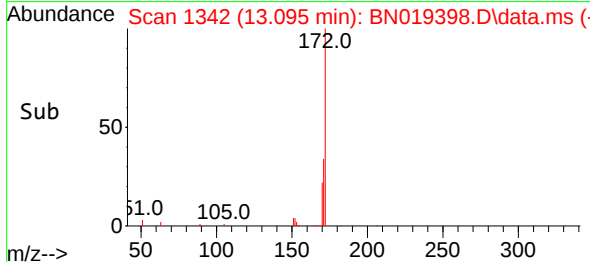
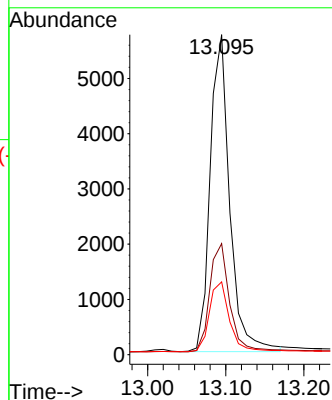
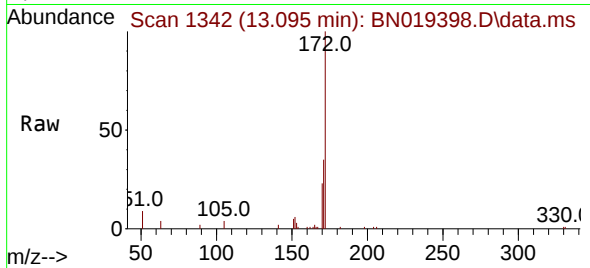




#15
2-Fluorobiphenyl
Concen: 0.271 ng
RT: 13.095 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

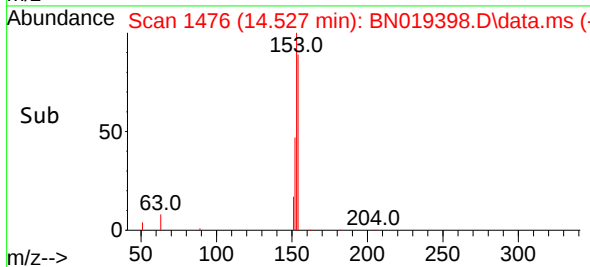
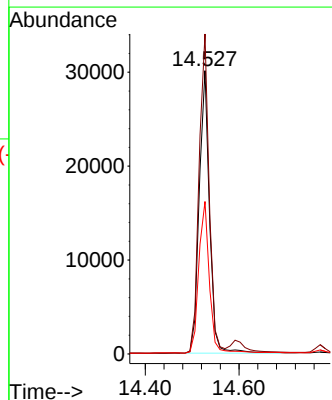
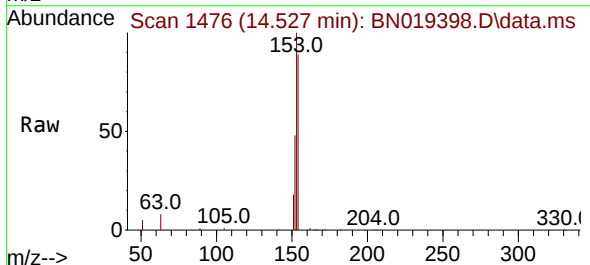
Instrument :
BNA_N
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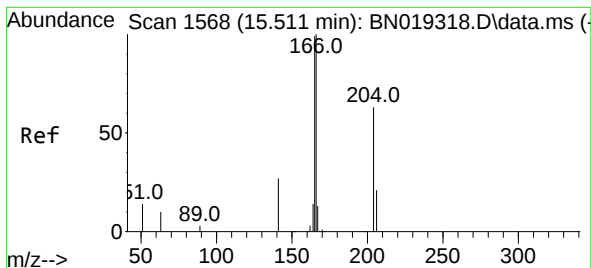
Tgt Ion:172 Resp: 9999
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 22.8 18.7 28.1



#17
Acenaphthene
Concen: 1.571 ng
RT: 14.527 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

Tgt Ion:154 Resp: 46000
Ion Ratio Lower Upper
154 100
153 111.3 89.7 134.5
152 55.0 44.7 67.1





#18

Fluorene

Concen: 0.137 ng

RT: 15.511 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BN019398.D

Acq: 08 Apr 2022 21:00

Instrument :

BNA_N

ClientSampleId :

MW-11R

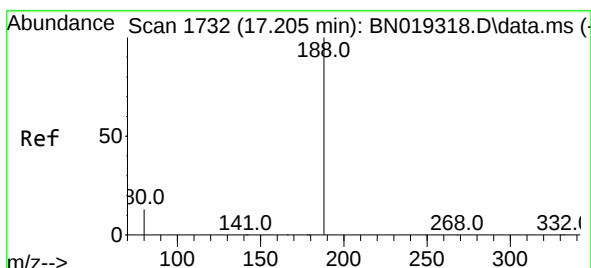
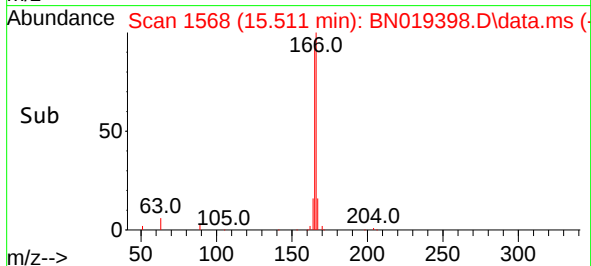
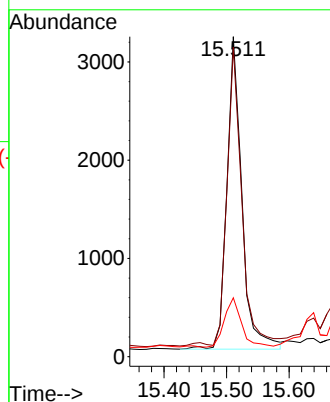
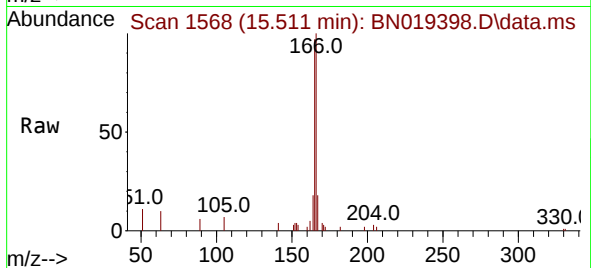
Tgt Ion:166 Resp: 5303

Ion Ratio Lower Upper

166 100

165 94.3 79.2 118.8

167 18.0 10.7 16.1#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.205 min Scan# 1732

Delta R.T. 0.000 min

Lab File: BN019398.D

Acq: 08 Apr 2022 21:00

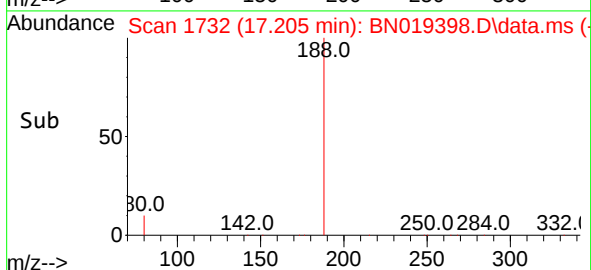
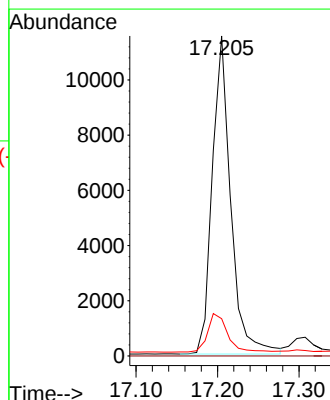
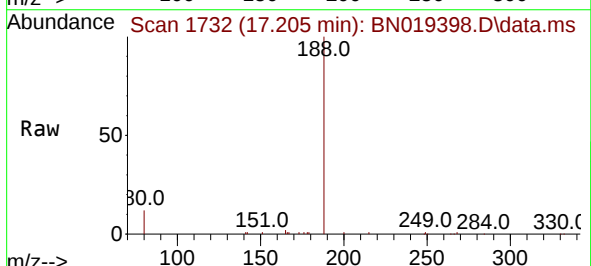
Tgt Ion:188 Resp: 18135

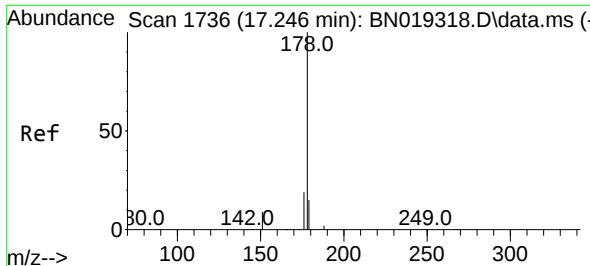
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.6 11.8 17.8#

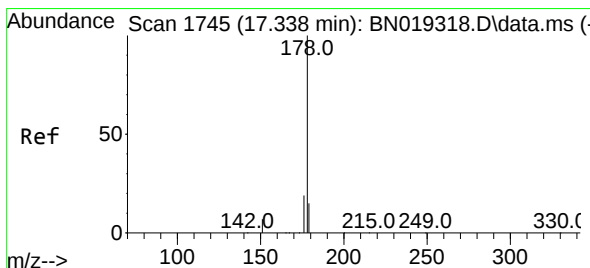
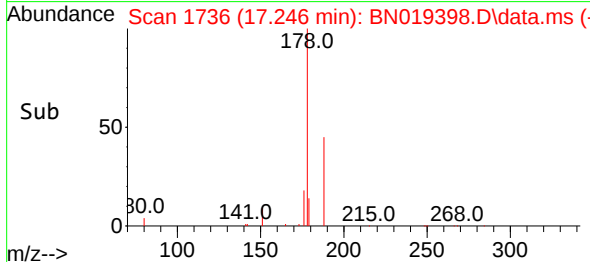
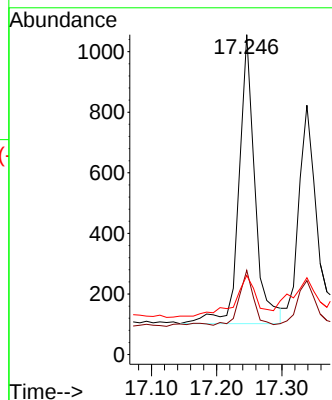
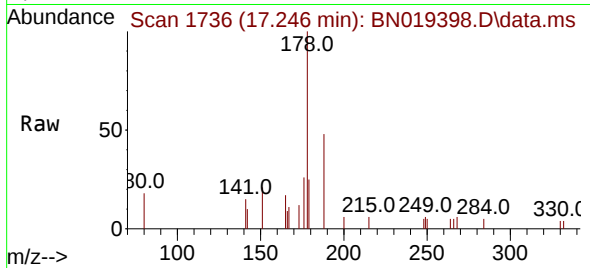




#25
Phenanthrene
Concen: 0.027 ng
RT: 17.246 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

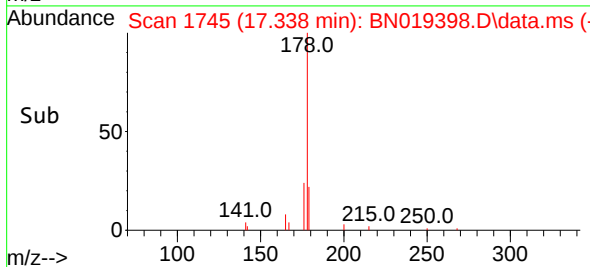
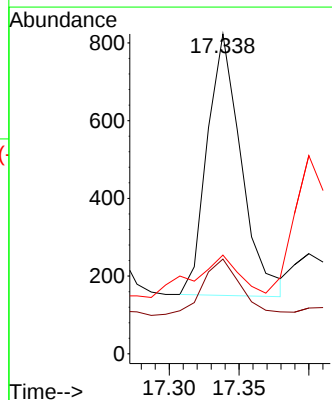
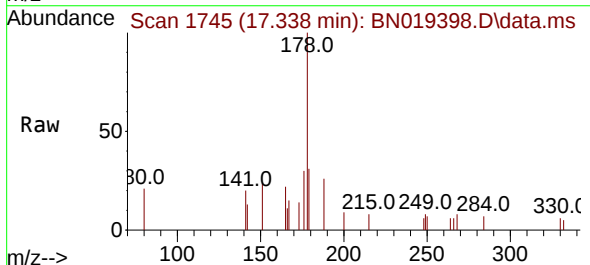
Instrument :
BNA_N
ClientSampleId :
MW-11R

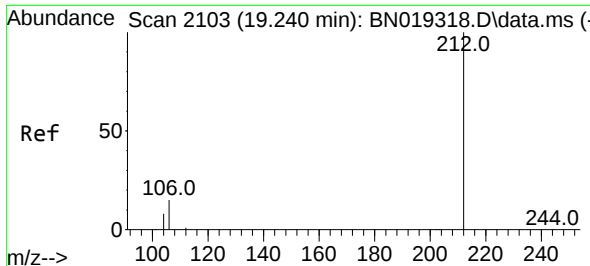
Tgt Ion:178 Resp: 1620
Ion Ratio Lower Upper
178 100
176 16.7 15.4 23.0
179 20.4 12.2 18.2#



#26
Anthracene
Concen: 0.021 ng
RT: 17.338 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

Tgt Ion:178 Resp: 1143
Ion Ratio Lower Upper
178 100
176 24.8 14.8 22.2#
179 22.4 12.2 18.4#

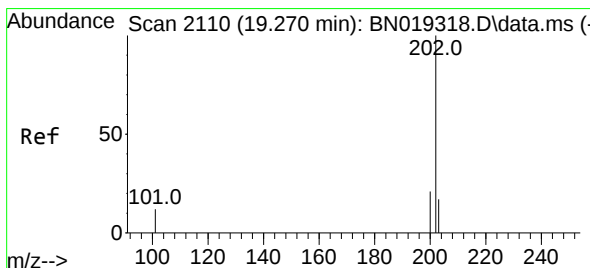
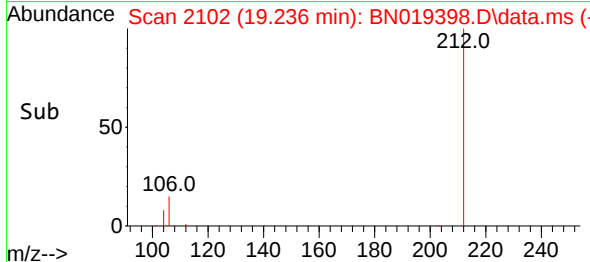
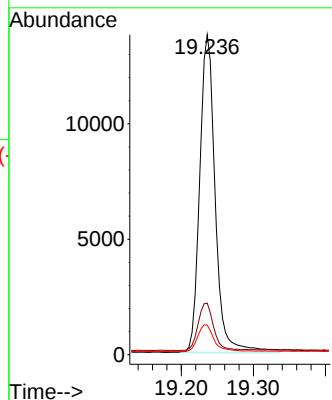
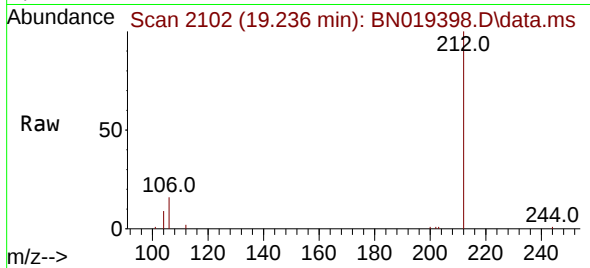




#27
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.236 min Scan# 2102
Delta R.T. -0.004 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

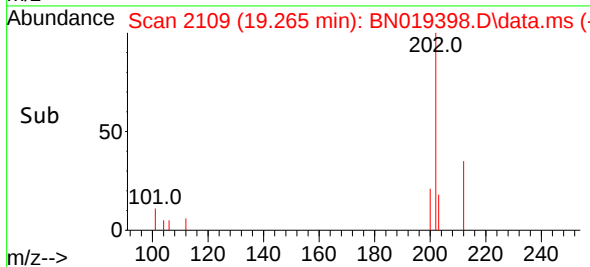
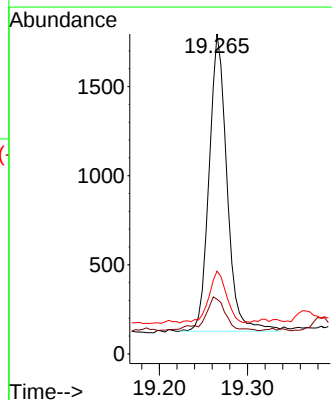
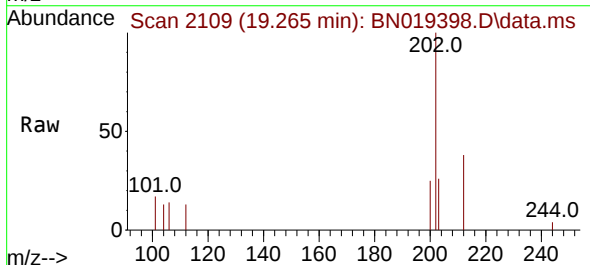
Instrument :
BNA_N
ClientSampleId :
MW-11R

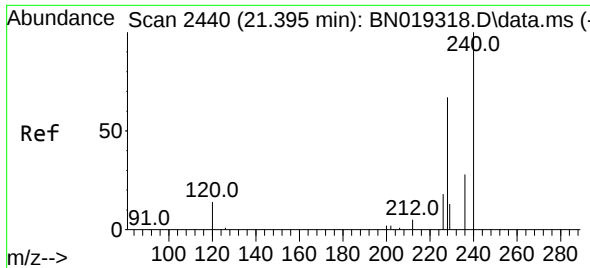
Tgt Ion:212 Resp: 20542
Ion Ratio Lower Upper
212 100
106 15.0 12.7 19.1
104 8.8 7.1 10.7



#28
Fluoranthene
Concen: 0.033 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

Tgt Ion:202 Resp: 2353
Ion Ratio Lower Upper
202 100
101 13.7 9.8 14.6
203 17.1 13.7 20.5

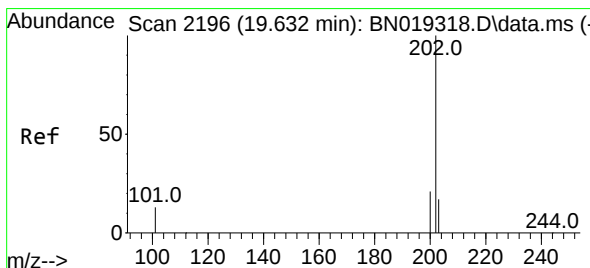
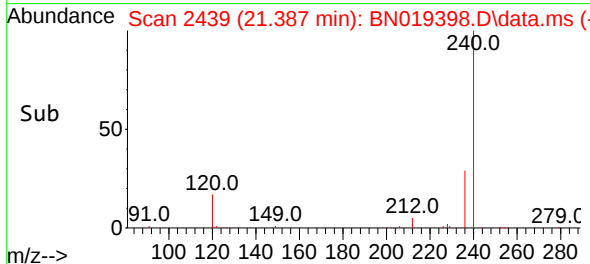
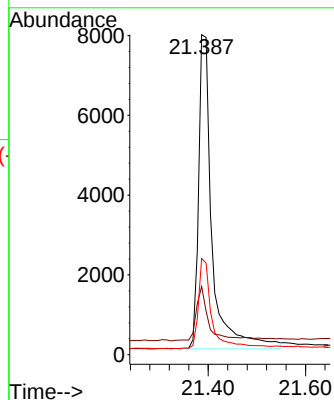
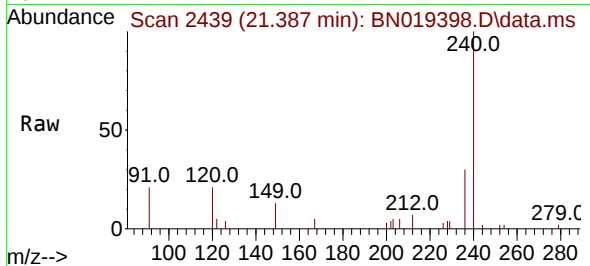




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.387 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

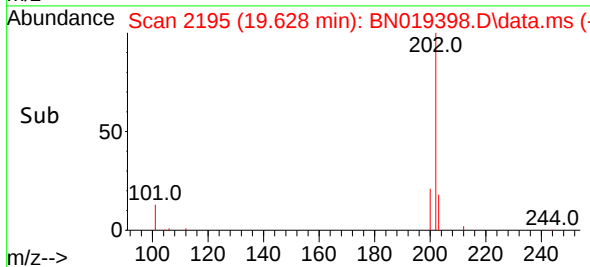
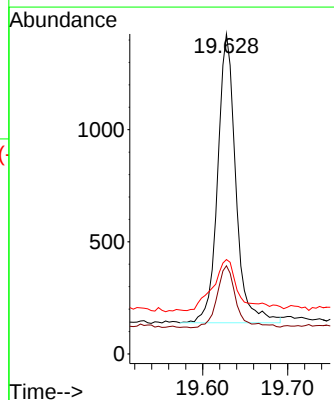
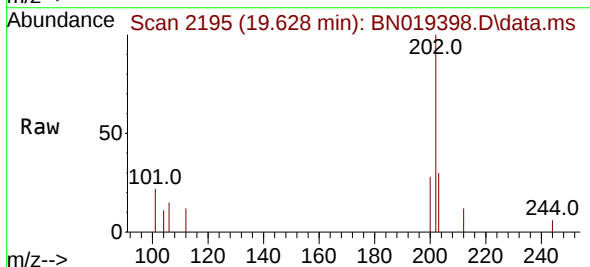
Instrument :
BNA_N
ClientSampleId :
MW-11R

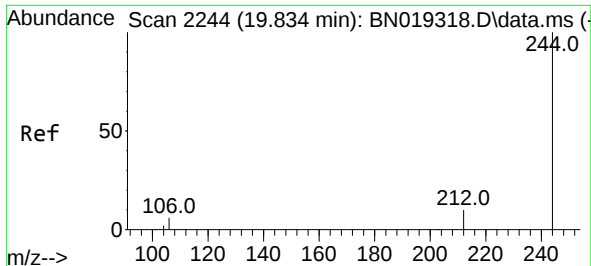
Tgt Ion:240 Resp: 15203
Ion Ratio Lower Upper
240 100
120 21.3 8.5 12.7#
236 30.0 22.4 33.6



#30
Pyrene
Concen: 0.027 ng
RT: 19.628 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

Tgt Ion:202 Resp: 1909
Ion Ratio Lower Upper
202 100
200 22.5 16.9 25.3
203 24.7 14.2 21.2#

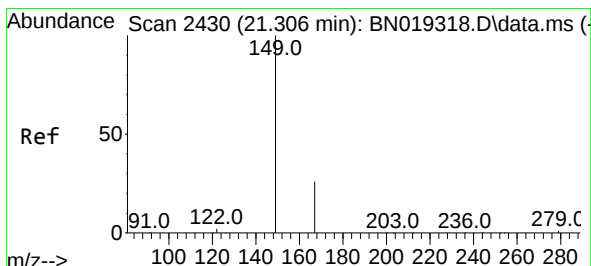
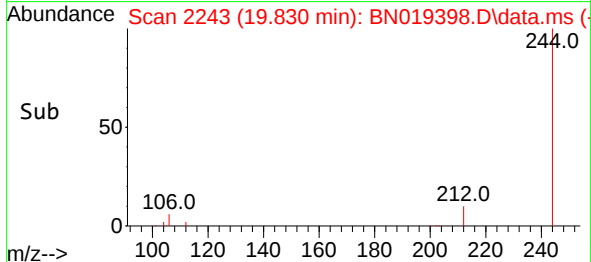
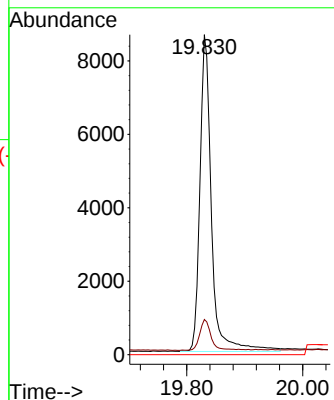
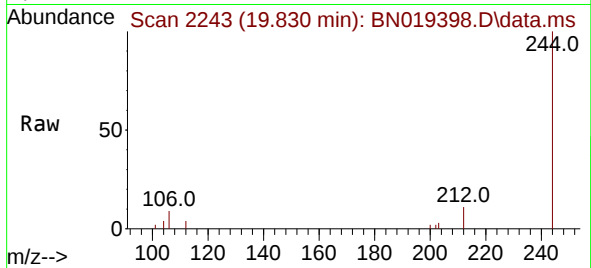




#31
 Terphenyl-d14
 Concen: 0.359 ng
 RT: 19.830 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN019398.D
 Acq: 08 Apr 2022 21:00

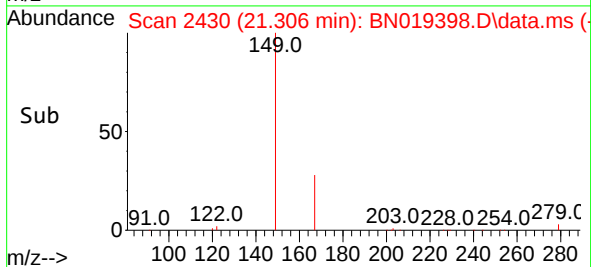
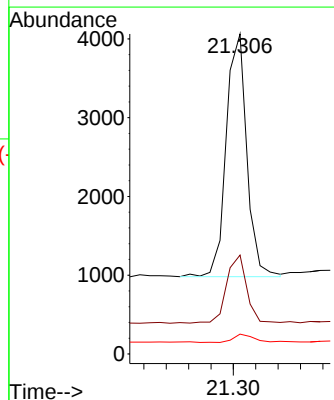
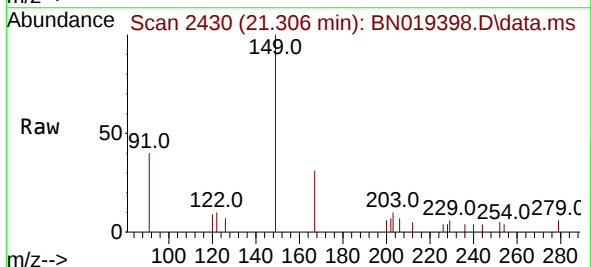
Instrument :
 BNA_N
 ClientSampleId :
 MW-11R

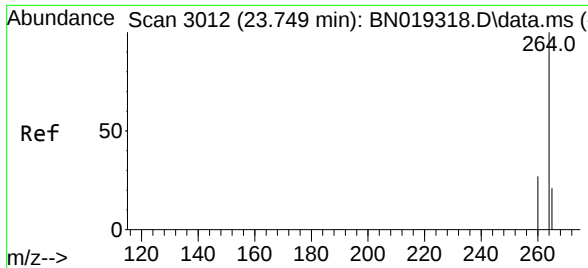
Tgt Ion:244 Resp: 11870
 Ion Ratio Lower Upper
 244 100
 212 11.0 8.2 12.4
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.094 ng
 RT: 21.306 min Scan# 2430
 Delta R.T. 0.000 min
 Lab File: BN019398.D
 Acq: 08 Apr 2022 21:00

Tgt Ion:149 Resp: 3948
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.8 32.8
 279 3.8 2.0 3.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.741 min Scan# 30
 Delta R.T. -0.009 min
 Lab File: BN019398.D
 Acq: 08 Apr 2022 21:00

Instrument :
 BNA_N
 ClientSampleId :
 MW-11R

Tgt Ion:264	Resp:	12220
Ion	Ratio	Lower Upper
264	100	
260	28.9	22.4 33.6
265	35.3	25.3 37.9

