

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031422\
 Data File : BN018939.D
 Acq On : 14 Mar 2022 16:55
 Operator : CG/JU
 Sample : N1889-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP-01-031022

Quant Time: Mar 14 18:02:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 23:19:11 2022
 Response via : Initial Calibration

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

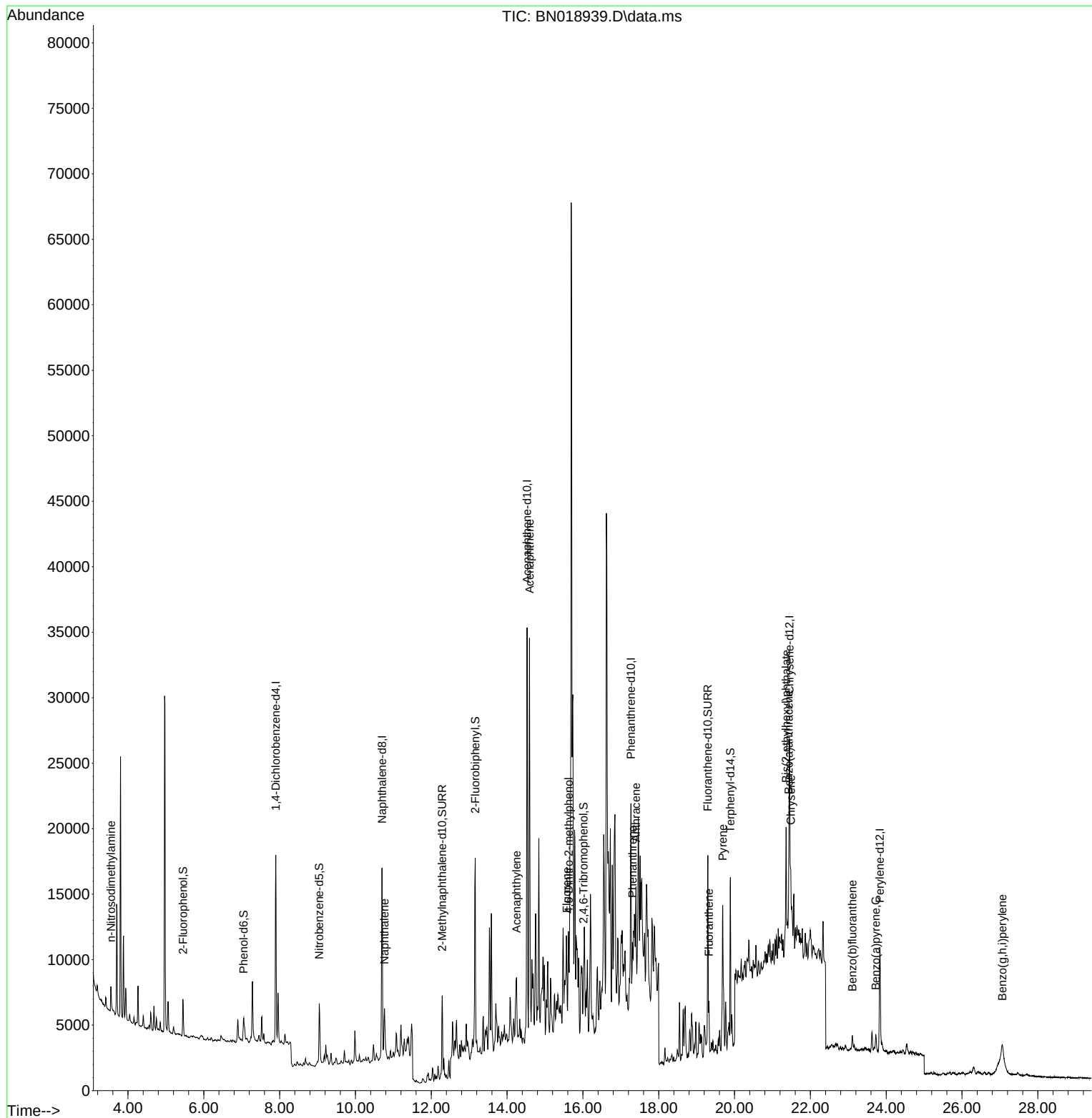
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	6679	0.400	ng	0.00
7) Naphthalene-d8	10.701	136	18726	0.400	ng	# 0.00
13) Acenaphthene-d10	14.527	164	10066	0.400	ng	0.00
19) Phenanthrene-d10	17.267	188	16953	0.400	ng	0.00
29) Chrysene-d12	21.449	240	11931	0.400	ng	# 0.00
35) Perylene-d12	23.834	264	11349	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	2269	0.135	ng	0.00
5) Phenol-d6	7.053	99	1561	0.080	ng	0.00
8) Nitrobenzene-d5	9.046	82	4373	0.281	ng	0.00
11) 2-Methylnaphthalene-d10	12.287	152	8769	0.284	ng	0.00
14) 2,4,6-Tribromophenol	16.015	330	1511	0.287	ng	0.00
15) 2-Fluorobiphenyl	13.159	172	13715	0.313	ng	0.00
27) Fluoranthene-d10	19.295	212	15605	0.325	ng	0.00
31) Terphenyl-d14	19.889	244	11687	0.441	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.550	42	376	0.041	ng	# 1
9) Naphthalene	10.765	128	1353	0.025	ng	# 7
16) Acenaphthylene	14.249	152	2435	0.050	ng	# 69
17) Acenaphthene	14.591	154	13912	0.415	ng	# 97
18) Fluorene	15.575	166	1729	0.040	ng	# 43
20) 4,6-Dinitro-2-methylph...	15.628	198	61	0.021	ng	# 1
25) Phenanthrene	17.308	178	5380	0.094	ng	# 70
26) Anthracene	17.400	178	8060	0.163	ng	# 82
28) Fluoranthene	19.324	202	3068	0.051	ng	# 86
30) Pyrene	19.687	202	12290	0.214	ng	# 90
32) Benzo(a)anthracene	21.431	228	3984	0.084	ng	# 32
33) Chrysene	21.485	228	6595	0.132	ng	# 56
34) Bis(2-ethylhexyl)phtha...	21.360	149	7304	0.342	ng	# 99
37) Benzo(b)fluoranthene	23.106	252	1315	0.026	ng	# 1
39) Benzo(a)pyrene	23.726	252	1857	0.045	ng	# 1
41) Benzo(g,h,i)perylene	27.065	276	1390	0.031	ng	# 1

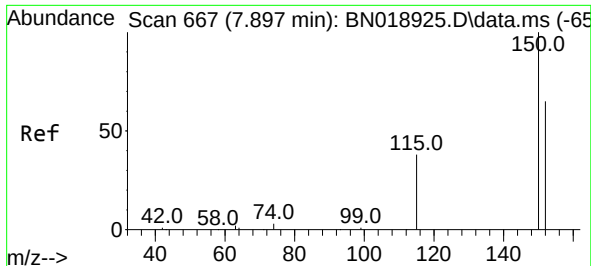
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031422\
Data File : BN018939.D
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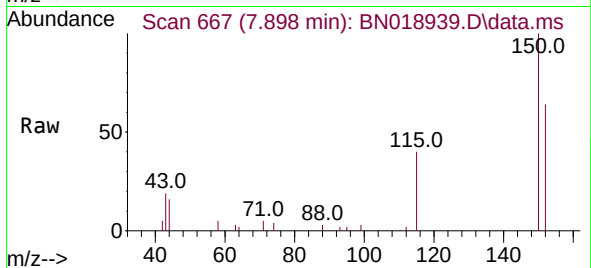
Quant Time: Mar 14 18:02:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 11 23:19:11 2022
Response via : Initial Calibration



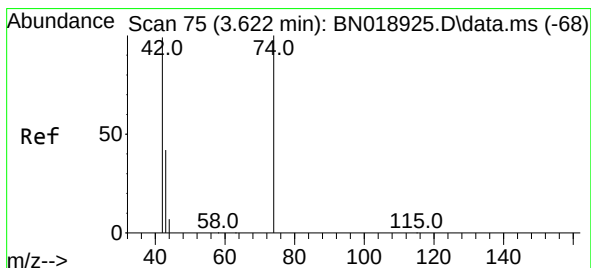
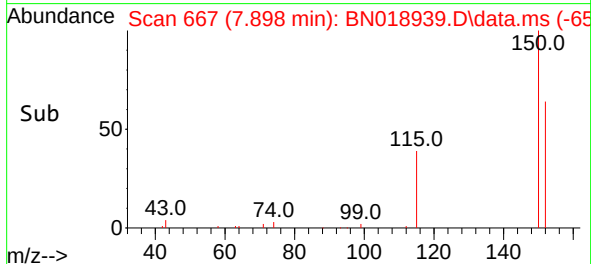
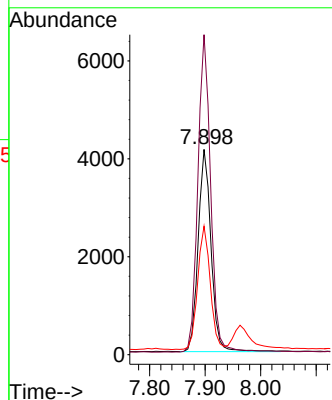


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.898 min Scan# 60
Delta R.T. 0.001 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
DUP-01-031022

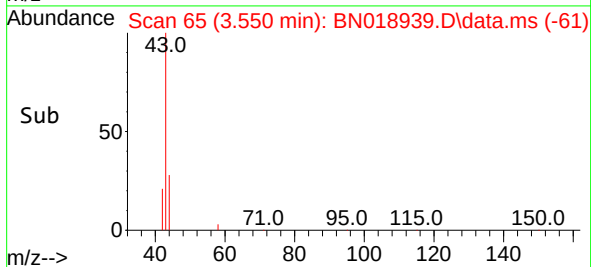
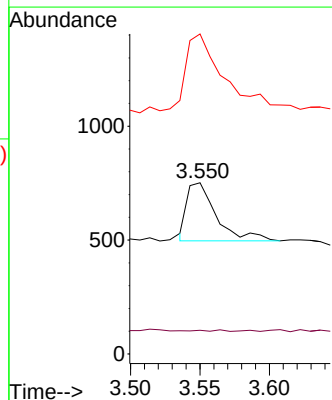
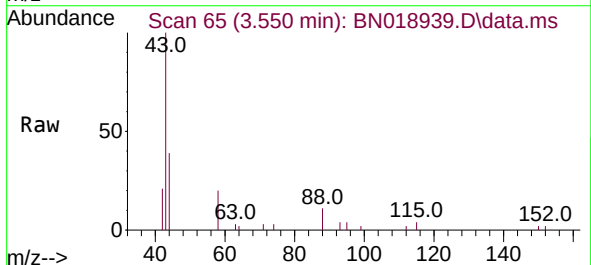


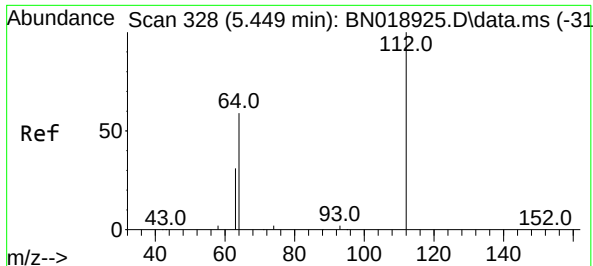
Tgt Ion:152 Resp: 6679
Ion Ratio Lower Upper
152 100
150 155.9 123.9 185.9
115 62.6 48.2 72.4



#3
n-Nitrosodimethylamine
Concen: 0.041 ng
RT: 3.550 min Scan# 65
Delta R.T. -0.072 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

Tgt Ion: 42 Resp: 376
Ion Ratio Lower Upper
42 100
74 0.0 96.9 145.3#
44 159.0 7.3 10.9#

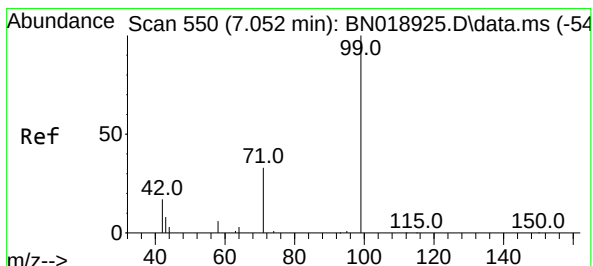
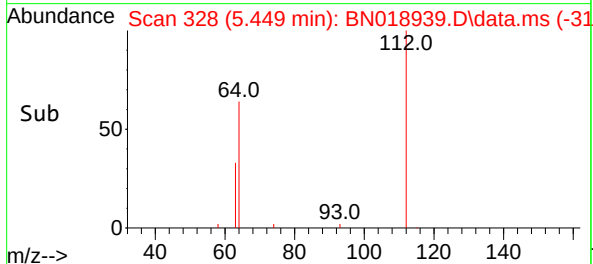
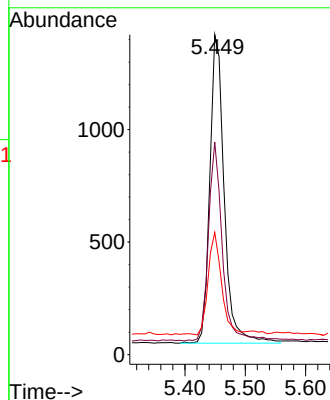
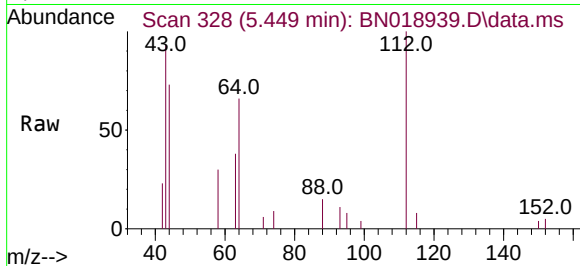




#4
2-Fluorophenol
Concen: 0.135 ng
RT: 5.449 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

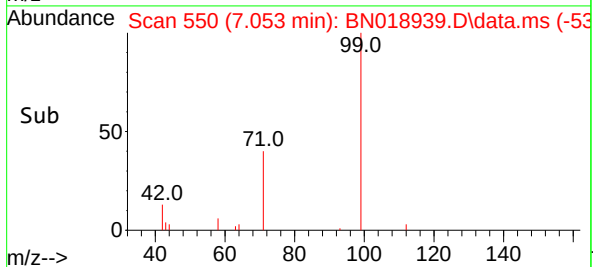
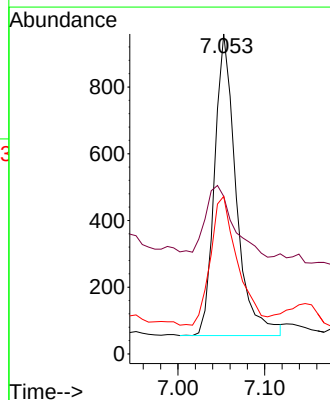
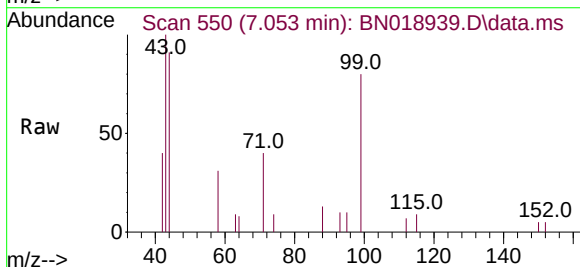
Instrument :
BNA_N
ClientSampleId :
DUP-01-031022

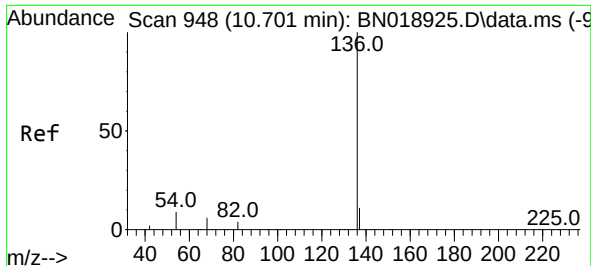
Tgt Ion:	112	Resp:	2269
Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.8	71.8
63	30.4	25.7	38.5



#5
Phenol-d6
Concen: 0.080 ng
RT: 7.053 min Scan# 550
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

Tgt Ion:	99	Resp:	1561
Ion	Ratio	Lower	Upper
99	100		
42	29.8	16.2	24.4#
71	53.6	27.7	41.5#

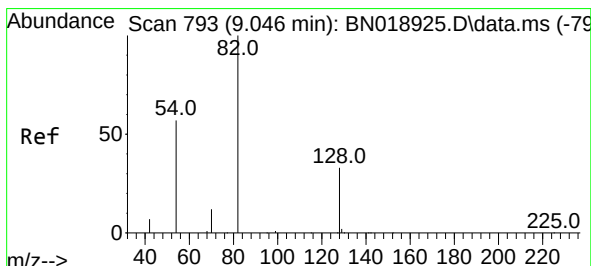
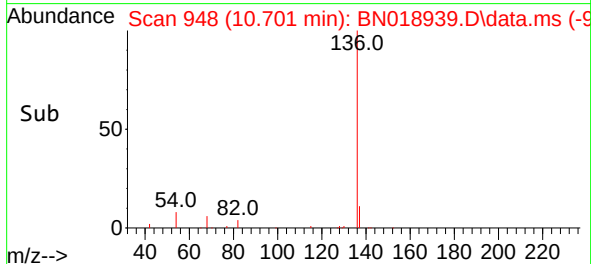
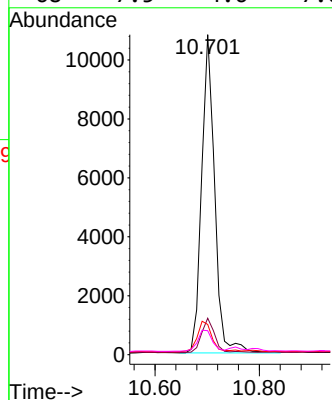
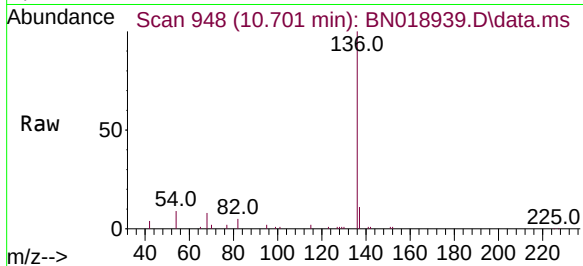




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.701 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

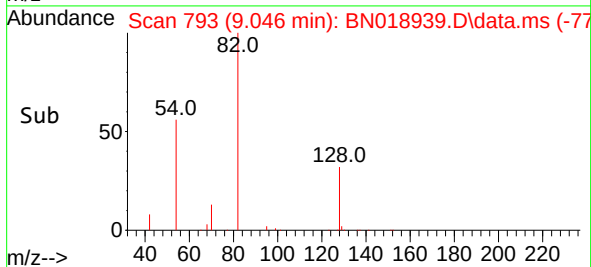
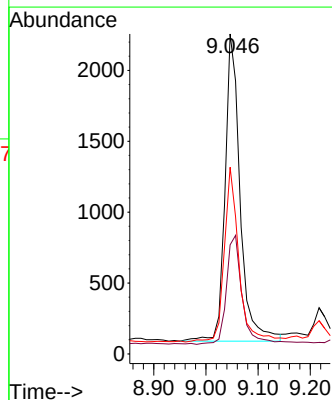
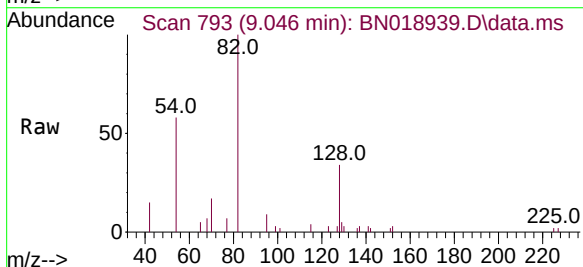
Instrument :
BNA_N
ClientSampleId :
DUP-01-031022

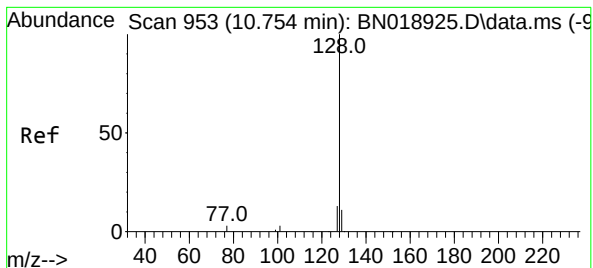
Tgt Ion:	136	Resp:	18726
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	9.4	5.8	8.6#
68	7.5	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.281 ng
RT: 9.046 min Scan# 793
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

Tgt Ion:	82	Resp:	4373
Ion	Ratio	Lower	Upper
82	100		
128	34.1	33.0	49.6
54	58.4	42.5	63.7





#9

Naphthalene

Concen: 0.025 ng

RT: 10.765 min Scan# 91

Delta R.T. 0.011 min

Lab File: BN018939.D

Acq: 14 Mar 2022 16:55

Instrument :

BNA_N

ClientSampleId :

DUP-01-031022

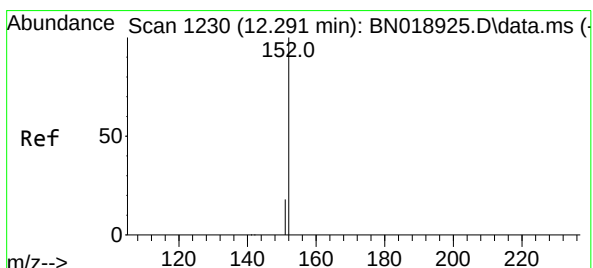
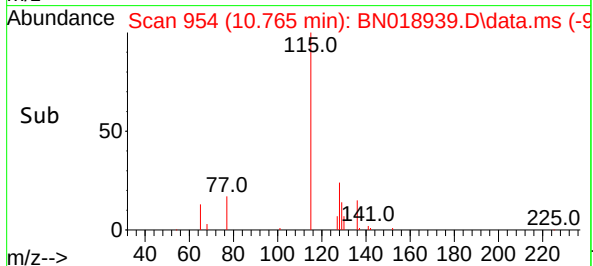
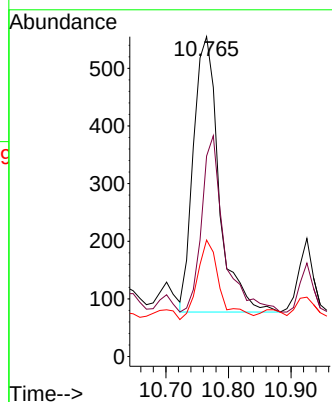
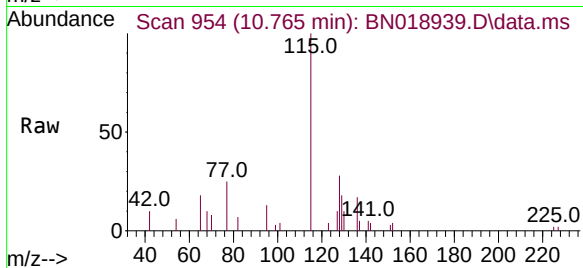
Tgt Ion:128 Resp: 1353

Ion Ratio Lower Upper

128 100

129 62.7 9.0 13.4#

127 36.4 10.7 16.1#



#11

2-Methylnaphthalene-d10

Concen: 0.284 ng

RT: 12.287 min Scan# 1229

Delta R.T. -0.003 min

Lab File: BN018939.D

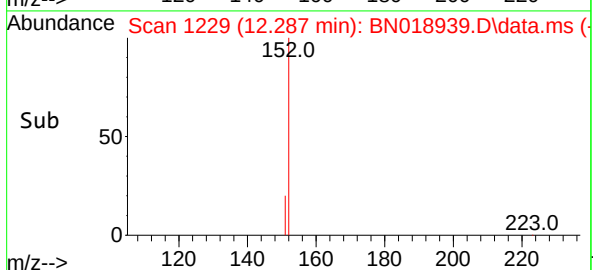
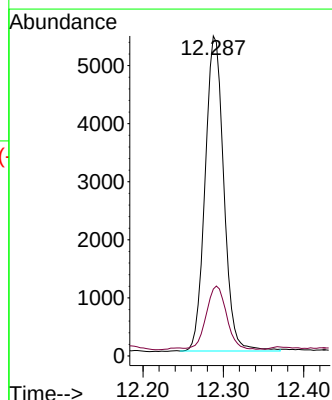
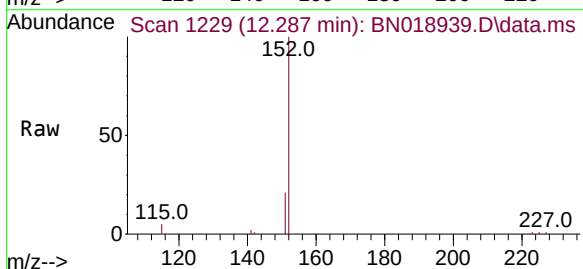
Acq: 14 Mar 2022 16:55

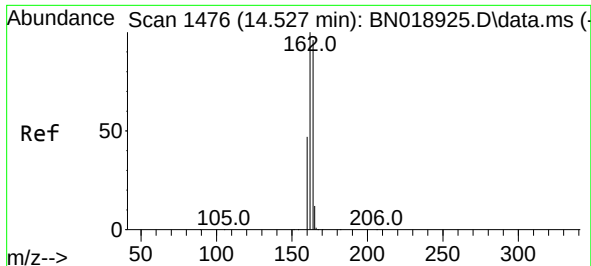
Tgt Ion:152 Resp: 8769

Ion Ratio Lower Upper

152 100

151 22.0 16.5 24.7

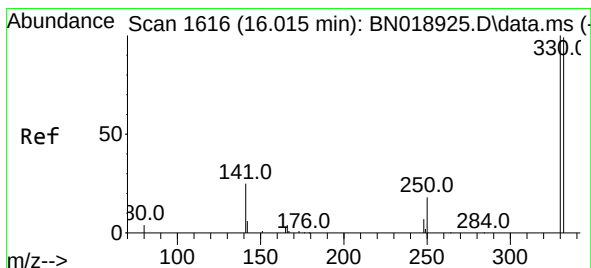
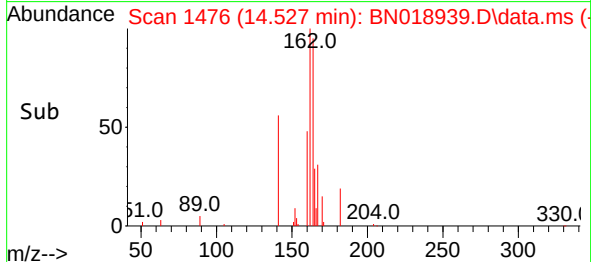
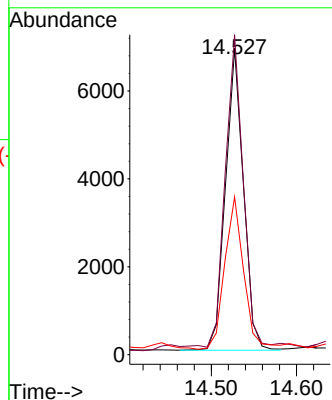
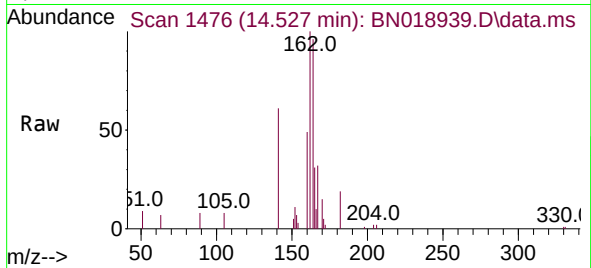




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.527 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

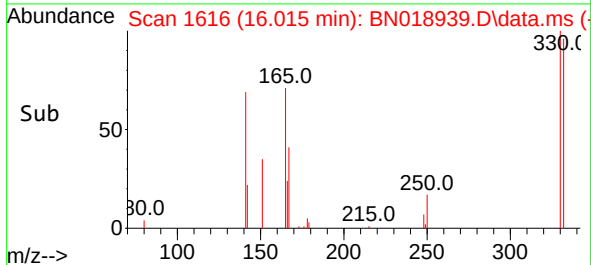
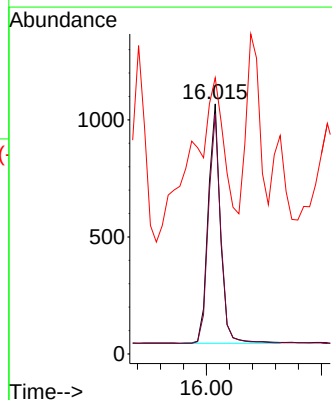
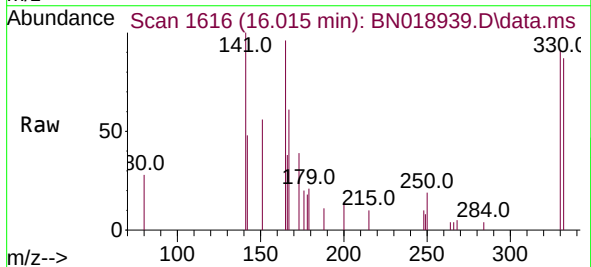
Instrument :
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DUP-01-031022

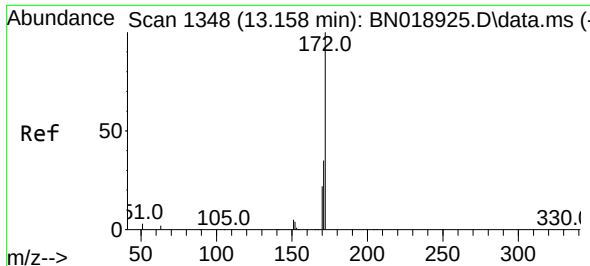
Tgt Ion:164 Resp: 10066
Ion Ratio Lower Upper
164 100
162 104.5 85.2 127.8
160 51.5 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 16.015 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

Tgt Ion:330 Resp: 1511
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 117.7 32.2 48.2#

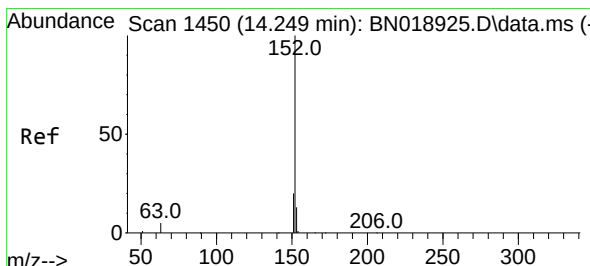
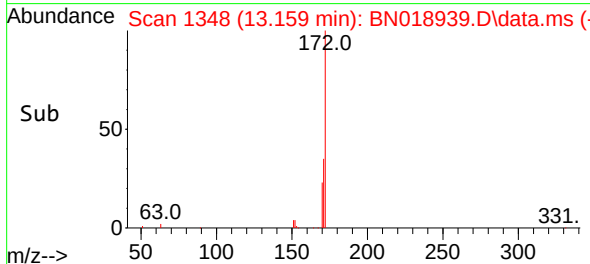
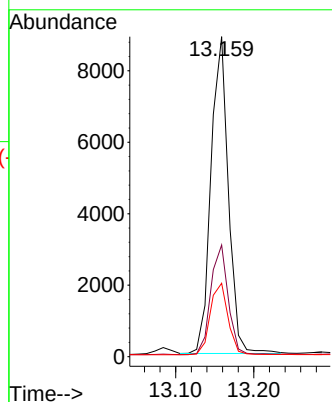
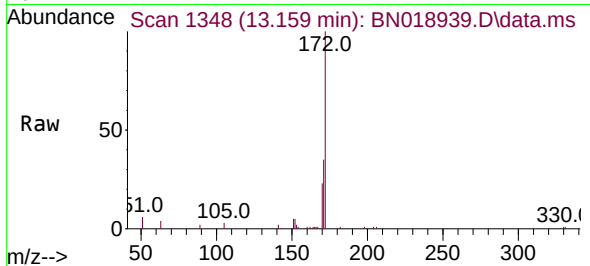




#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 13.159 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

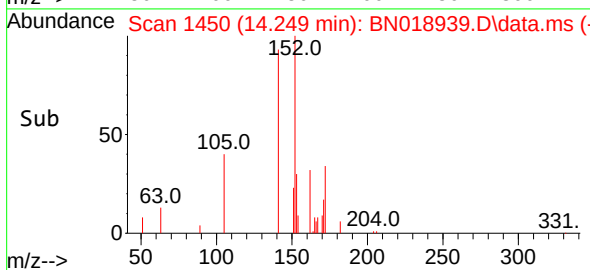
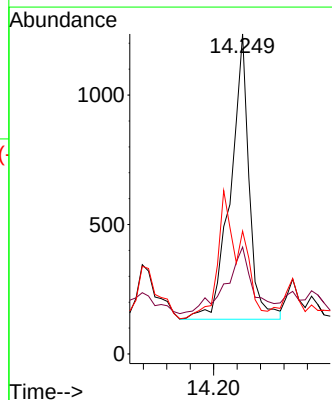
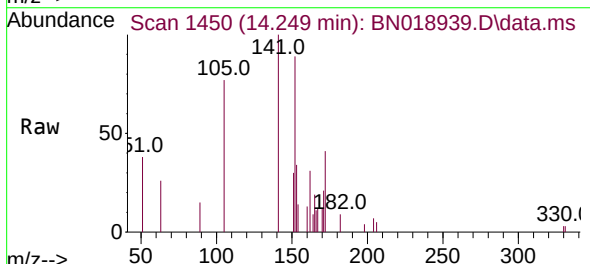
Instrument :
BNA_N
ClientSampleId :
DUP-01-031022

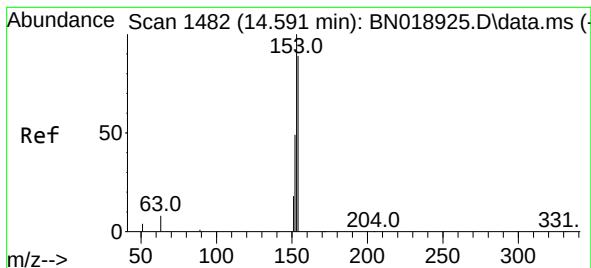
Tgt Ion:	172	Resp:	13715
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.2	42.2
170	22.9	18.7	28.1



#16
Acenaphthylene
Concen: 0.050 ng
RT: 14.249 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

Tgt Ion:	152	Resp:	2435
Ion Ratio	Lower	Upper	
152	100		
151	33.2	15.9	23.9#
153	0.0	10.6	15.8#





#17

Acenaphthene

Concen: 0.415 ng

RT: 14.591 min Scan# 1482

Delta R.T. 0.000 min

Lab File: BN018939.D

Acq: 14 Mar 2022 16:55

Instrument :

BNA_N

ClientSampleId :

DUP-01-031022

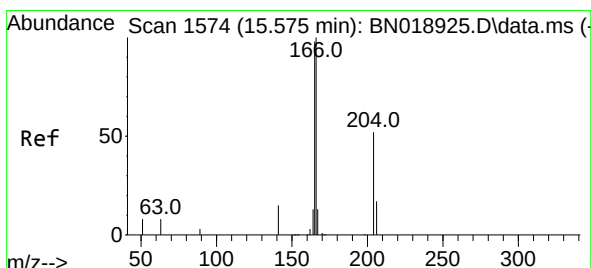
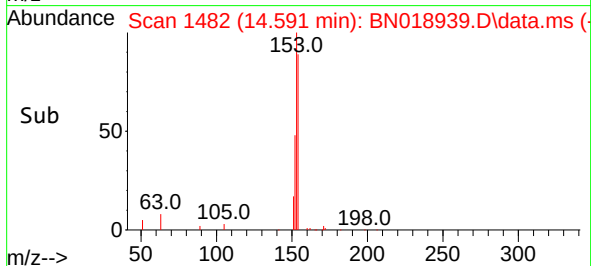
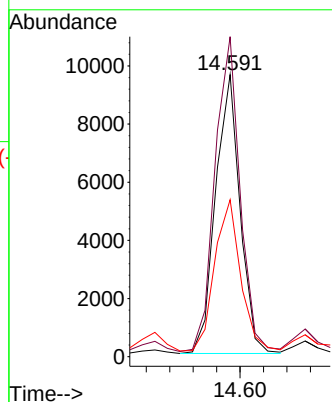
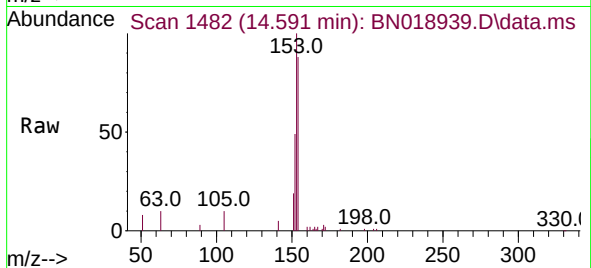
Tgt Ion:154 Resp: 13912

Ion Ratio Lower Upper

154 100

153 115.1 89.7 134.5

152 57.3 44.7 67.1



#18

Fluorene

Concen: 0.040 ng

RT: 15.575 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BN018939.D

Acq: 14 Mar 2022 16:55

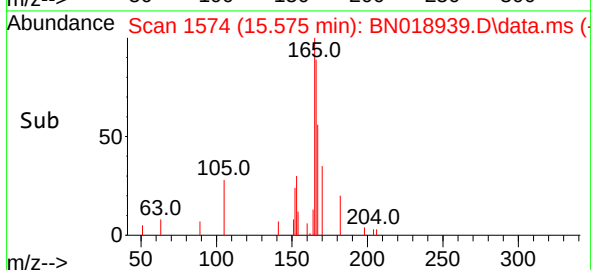
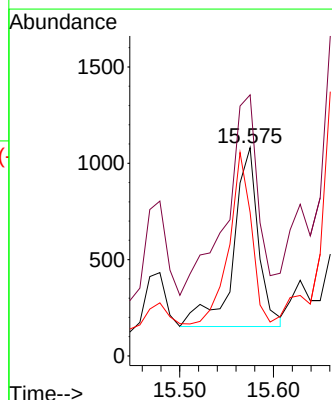
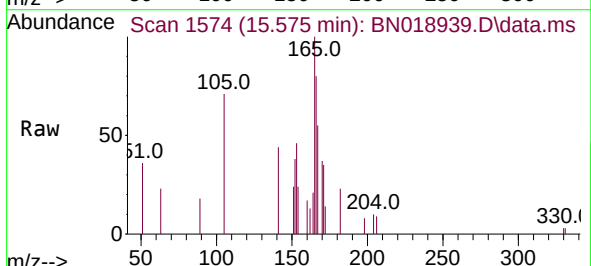
Tgt Ion:166 Resp: 1729

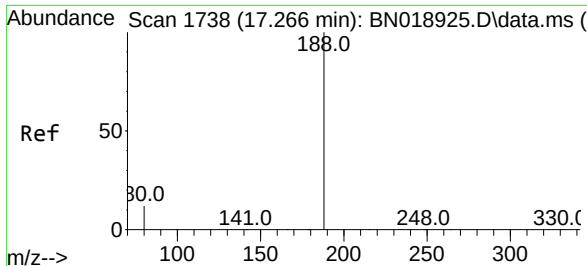
Ion Ratio Lower Upper

166 100

165 139.3 79.2 118.8#

167 84.3 10.7 16.1#

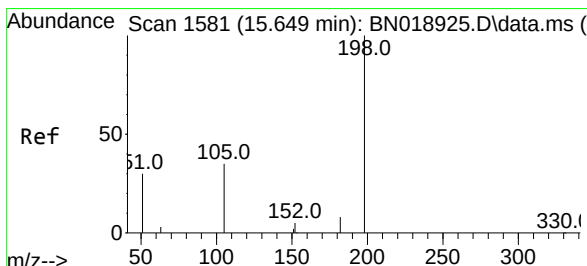
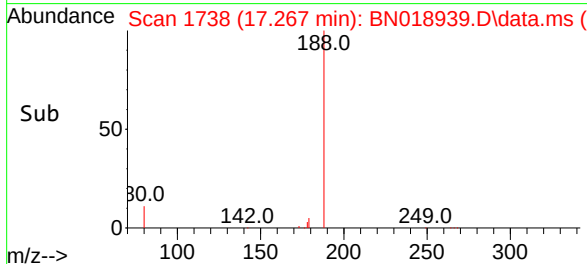
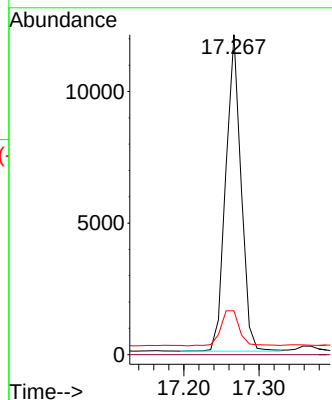
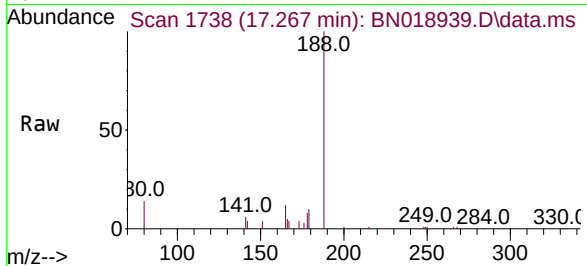




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.267 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

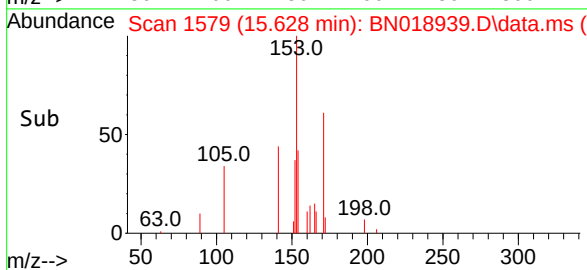
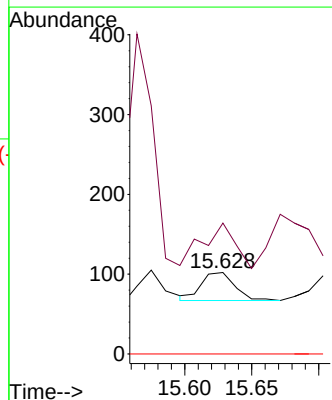
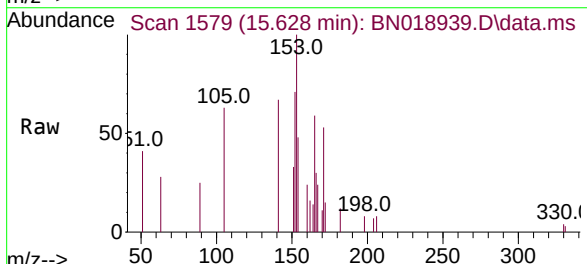
Instrument :
BNA_N
ClientSampleId :
DUP-01-031022

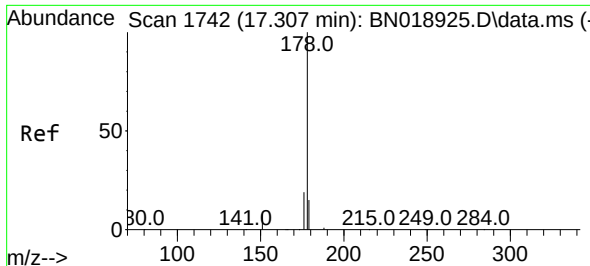
Tgt Ion:188 Resp: 16953
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 11.8 17.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.021 ng
RT: 15.628 min Scan# 1579
Delta R.T. -0.021 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

Tgt Ion:198 Resp: 61
Ion Ratio Lower Upper
198 100
182 160.8 13.0 19.4#
77 0.0 0.0 0.0

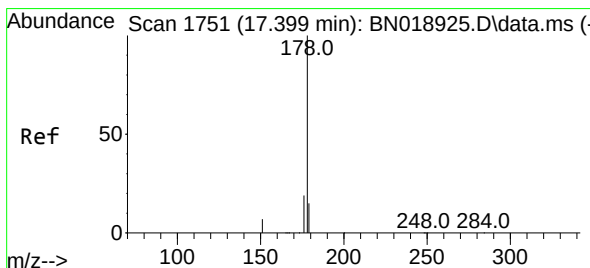
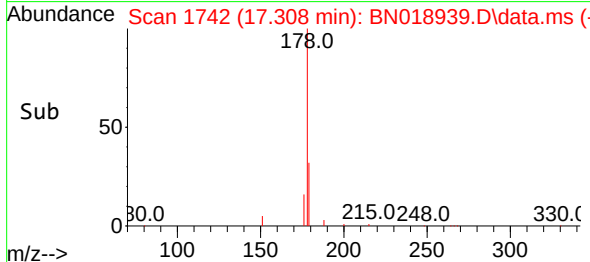
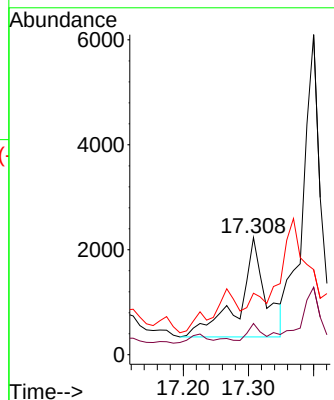
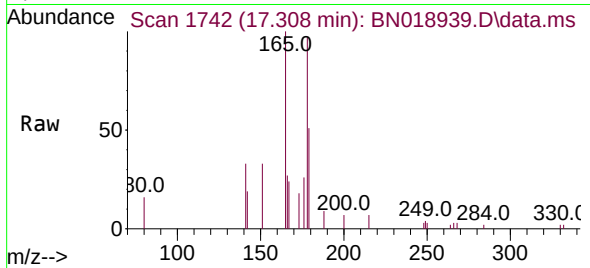




#25
Phenanthrene
Concen: 0.094 ng
RT: 17.308 min Scan# 1742
Delta R.T. 0.001 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

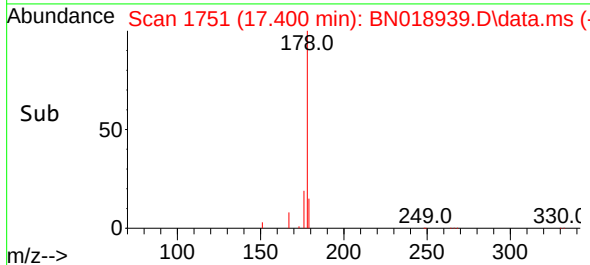
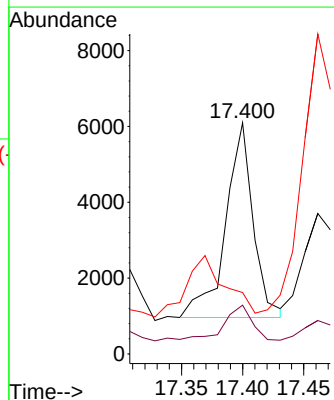
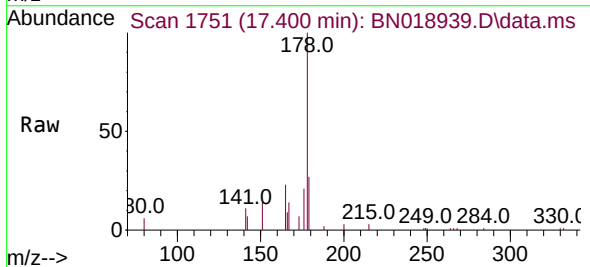
Instrument :
BNA_N
ClientSampleId :
DUP-01-031022

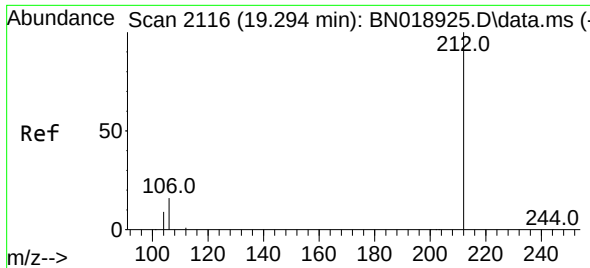
Tgt Ion:178 Resp: 5380
Ion Ratio Lower Upper
178 100
176 8.0 15.4 23.0#
179 0.0 12.2 18.2#



#26
Anthracene
Concen: 0.163 ng
RT: 17.400 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

Tgt Ion:178 Resp: 8060
Ion Ratio Lower Upper
178 100
176 19.4 14.8 22.2
179 0.0 12.2 18.4#

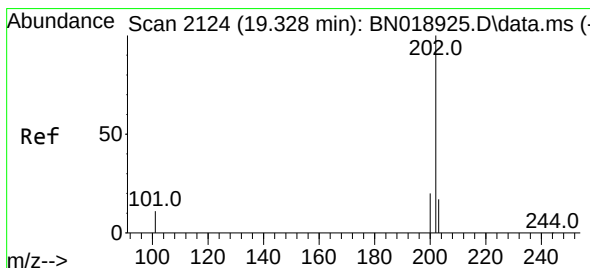
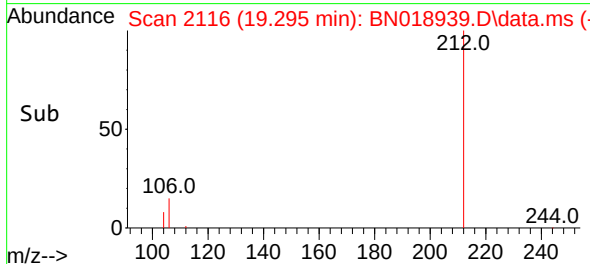
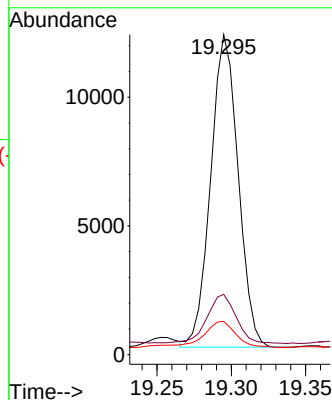
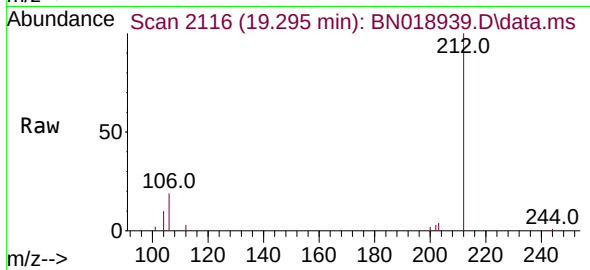




#27
Fluoranthene-d10
Concen: 0.325 ng
RT: 19.295 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

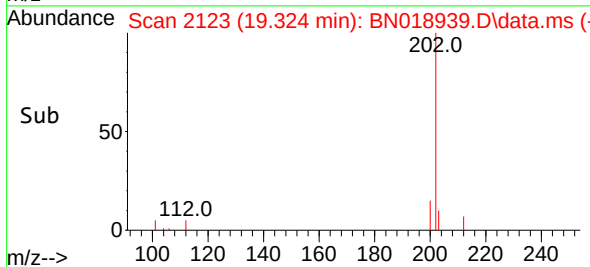
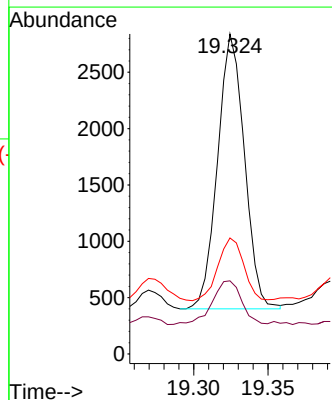
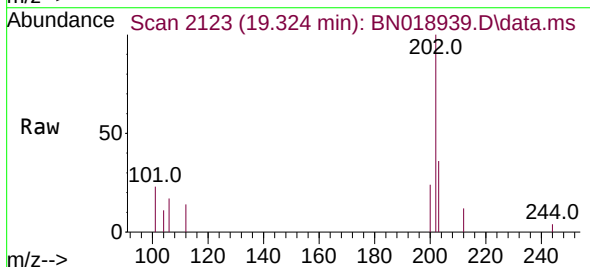
Instrument :
BNA_N
ClientSampleId :
DUP-01-031022

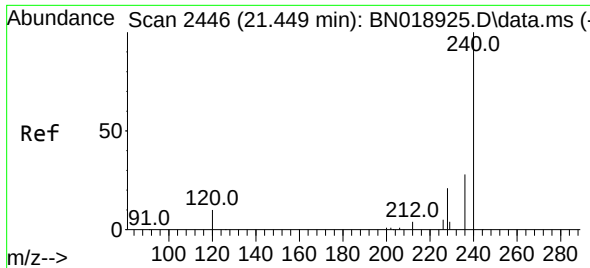
Tgt Ion:212 Resp: 15605
Ion Ratio Lower Upper
212 100
106 16.8 12.7 19.1
104 11.6 7.1 10.7#



#28
Fluoranthene
Concen: 0.051 ng
RT: 19.324 min Scan# 2123
Delta R.T. -0.004 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

Tgt Ion:202 Resp: 3068
Ion Ratio Lower Upper
202 100
101 18.1 9.8 14.6#
203 22.5 13.7 20.5#

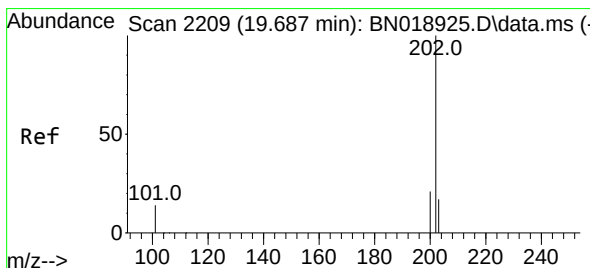
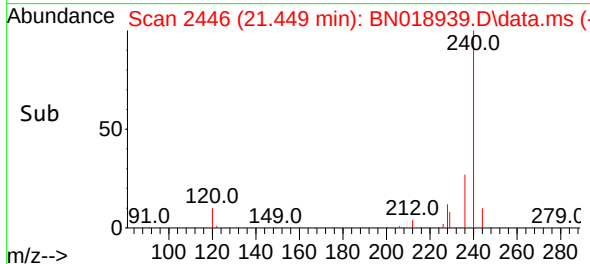
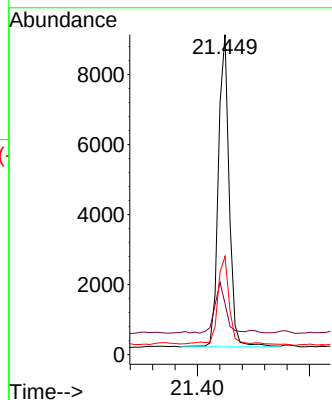
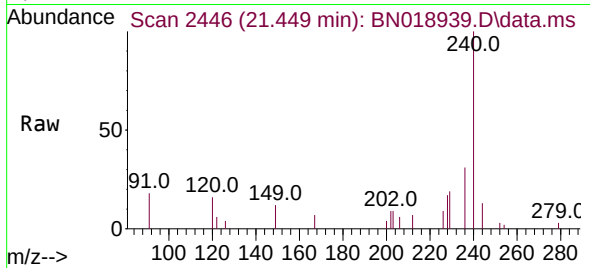




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.449 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

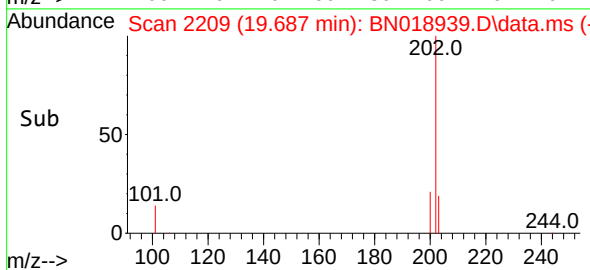
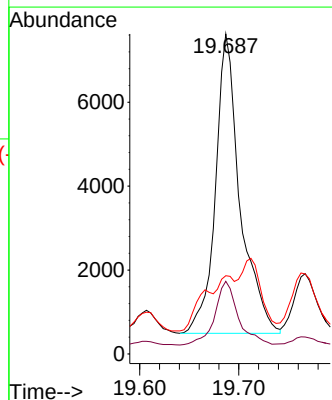
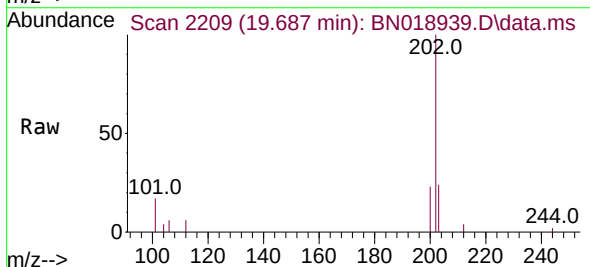
Instrument :
BNA_N
ClientSampleId :
DUP-01-031022

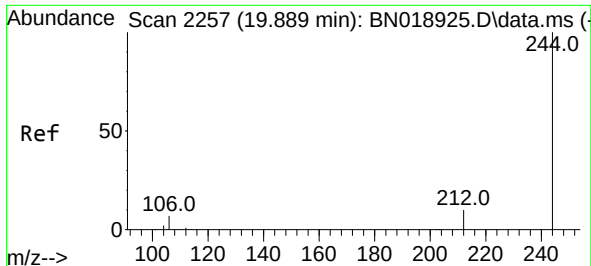
Tgt Ion:240 Resp: 11931
Ion Ratio Lower Upper
240 100
120 16.0 8.5 12.7#
236 30.8 22.4 33.6



#30
Pyrene
Concen: 0.214 ng
RT: 19.687 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

Tgt Ion:202 Resp: 12290
Ion Ratio Lower Upper
202 100
200 20.5 16.9 25.3
203 9.1 14.2 21.2#

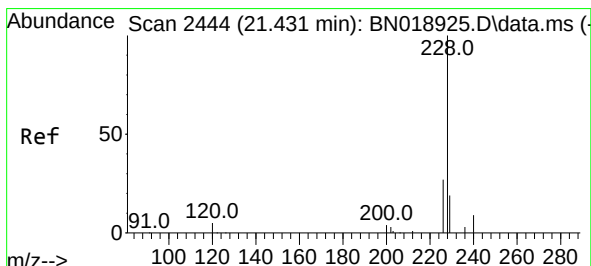
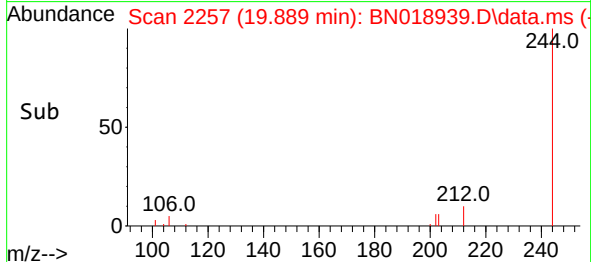
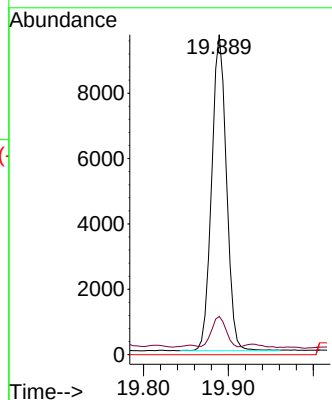
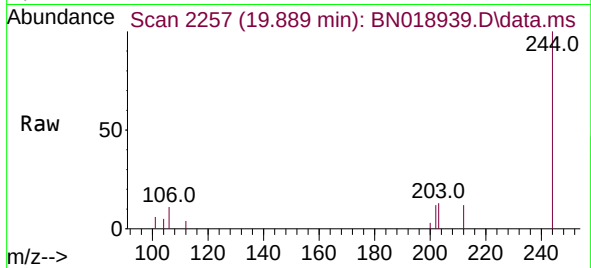




#31
 Terphenyl-d14
 Concen: 0.441 ng
 RT: 19.889 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN018939.D
 Acq: 14 Mar 2022 16:55

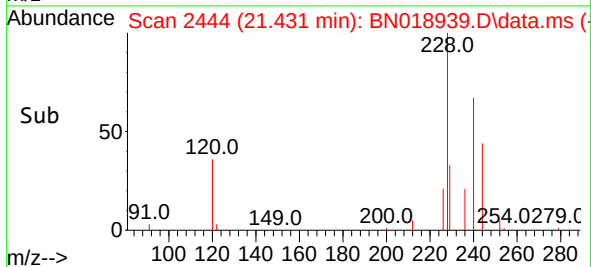
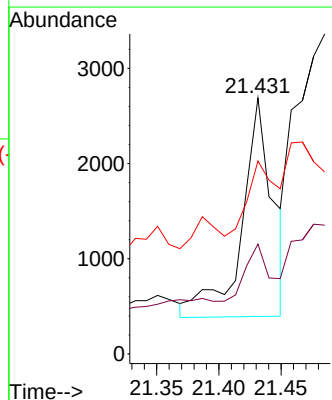
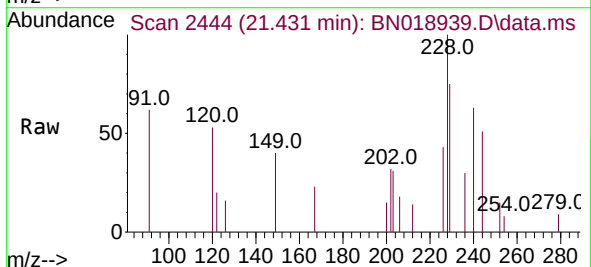
Instrument :
 BNA_N
 ClientSampleId :
 DUP-01-031022

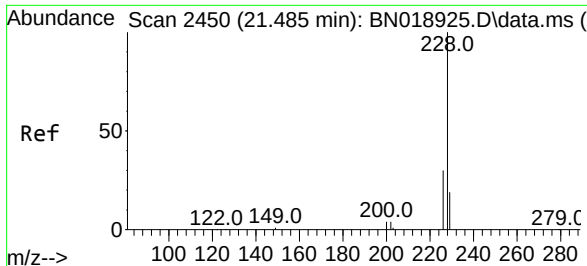
Tgt Ion:244 Resp: 11687
 Ion Ratio Lower Upper
 244 100
 212 12.0 8.2 12.4
 122 0.0 0.0 0.0



#32
 Benzo(a)anthracene
 Concen: 0.084 ng
 RT: 21.431 min Scan# 2444
 Delta R.T. 0.000 min
 Lab File: BN018939.D
 Acq: 14 Mar 2022 16:55

Tgt Ion:228 Resp: 3984
 Ion Ratio Lower Upper
 228 100
 226 42.9 21.9 32.9#
 229 75.4 16.0 24.0#





#33

Chrysene

Concen: 0.132 ng

RT: 21.485 min Scan# 2450

Delta R.T. 0.000 min

Lab File: BN018939.D

Acq: 14 Mar 2022 16:55

Instrument :

BNA_N

ClientSampleId :

DUP-01-031022

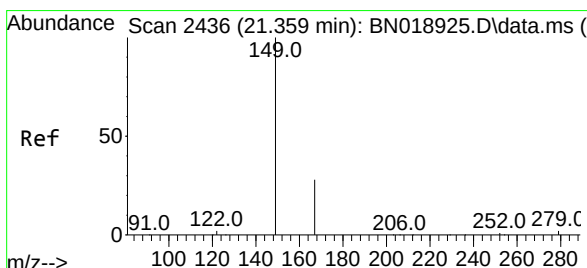
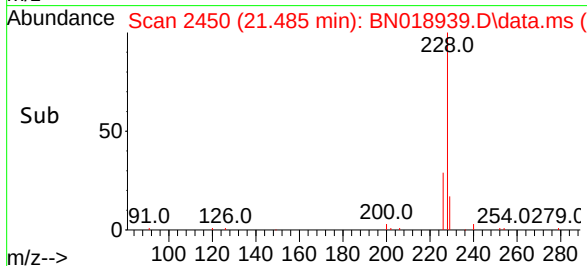
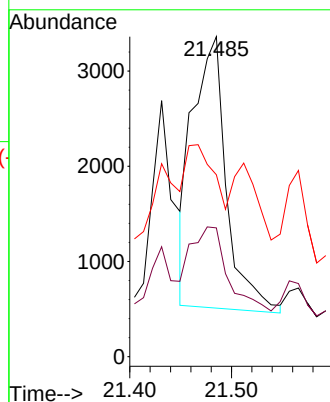
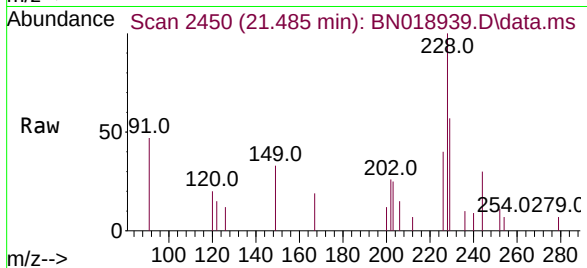
Tgt Ion:228 Resp: 6595

Ion Ratio Lower Upper

228 100

226 40.2 24.0 36.0#

229 56.9 15.9 23.9#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.342 ng

RT: 21.360 min Scan# 2436

Delta R.T. 0.000 min

Lab File: BN018939.D

Acq: 14 Mar 2022 16:55

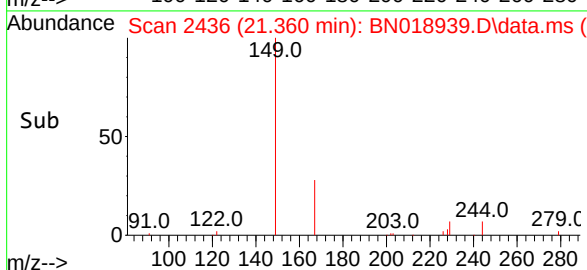
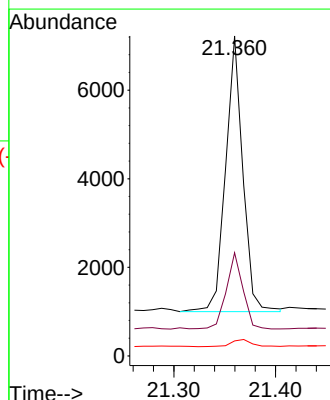
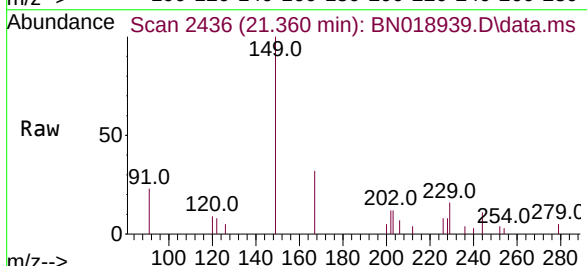
Tgt Ion:149 Resp: 7304

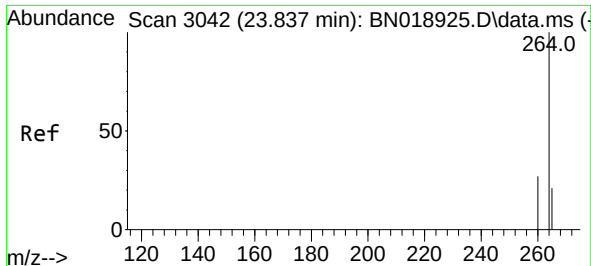
Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.8

279 2.9 2.0 3.0



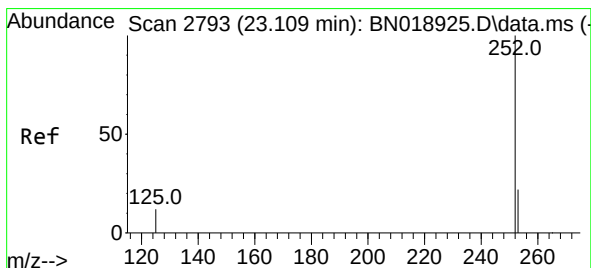
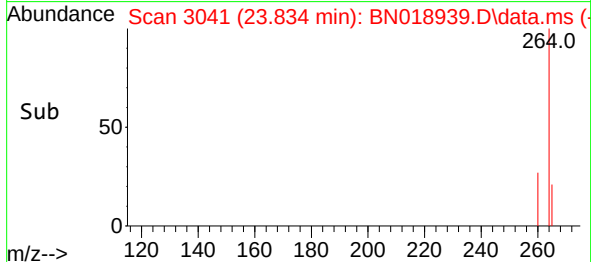
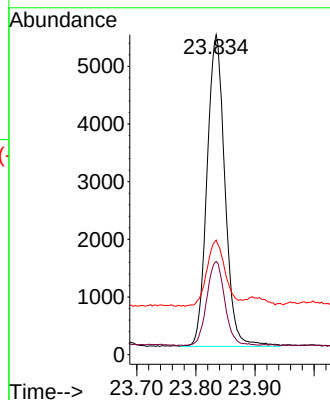
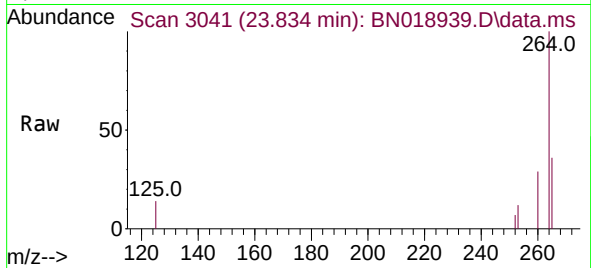


#35
Perylene-d12

Concen: 0.400 ng
RT: 23.834 min Scan# 3042
Delta R.T. -0.003 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
DUP-01-031022

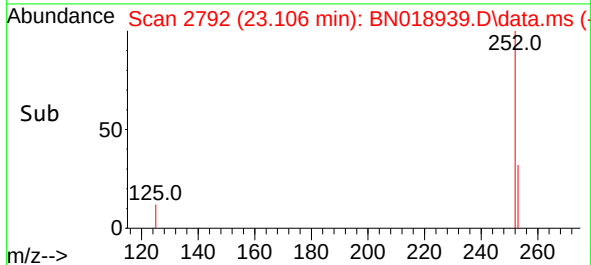
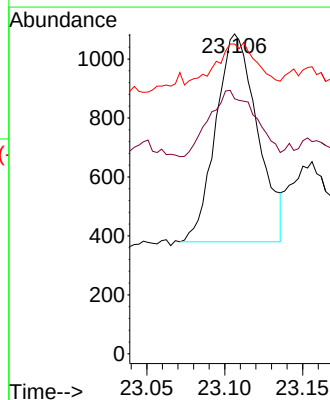
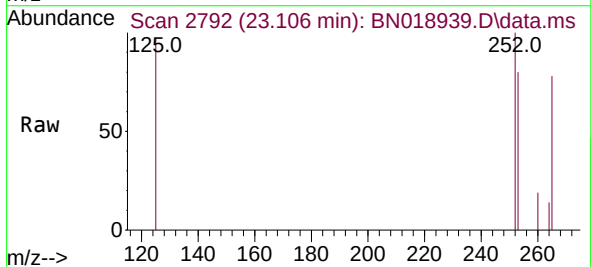
Tgt Ion:264 Resp: 11349
Ion Ratio Lower Upper
264 100
260 29.1 22.4 33.6
265 35.8 25.3 37.9

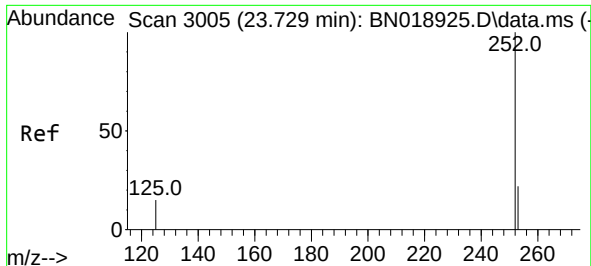


#37
Benzo(b)fluoranthene

Concen: 0.026 ng
RT: 23.106 min Scan# 2792
Delta R.T. -0.002 min
Lab File: BN018939.D
Acq: 14 Mar 2022 16:55

Tgt Ion:252 Resp: 1315
Ion Ratio Lower Upper
252 100
253 79.7 18.9 28.3#
125 96.9 12.1 18.1#





#39

Benzo(a)pyrene

Concen: 0.045 ng

RT: 23.726 min Scan# 3005

Delta R.T. -0.003 min

Lab File: BN018939.D

Acq: 14 Mar 2022 16:55

Instrument :

BNA_N

ClientSampleId :

DUP-01-031022

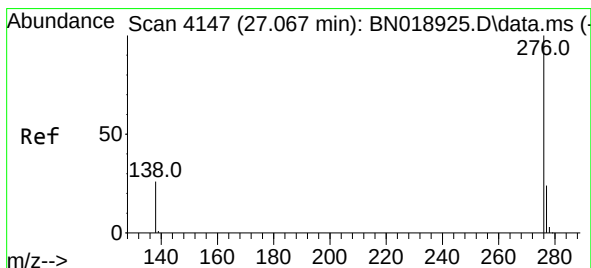
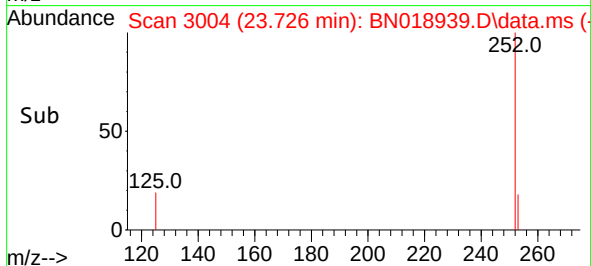
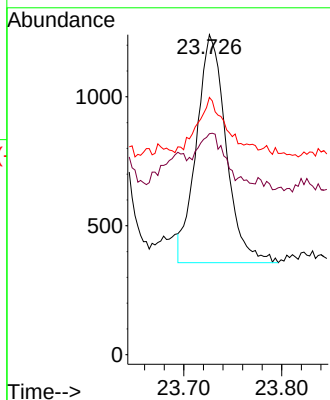
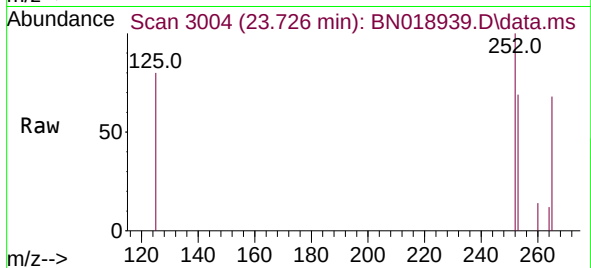
Tgt Ion:252 Resp: 1857

Ion Ratio Lower Upper

252 100

253 69.1 20.1 30.1#

125 80.4 15.2 22.8#



#41

Benzo(g,h,i)perylene

Concen: 0.031 ng

RT: 27.065 min Scan# 4146

Delta R.T. -0.003 min

Lab File: BN018939.D

Acq: 14 Mar 2022 16:55

Tgt Ion:276 Resp: 1390

Ion Ratio Lower Upper

276 100

277 67.5 19.4 29.0#

138 145.5 21.0 31.6#

