

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050622\
 Data File : BN019700.D
 Acq On : 06 May 2022 16:08
 Operator : CG/JU
 Sample : N2735-01DL2 100X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 38072-120920DL2

Quant Time: May 07 00:52:02 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:20:22 2022
 Response via : Initial Calibration

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

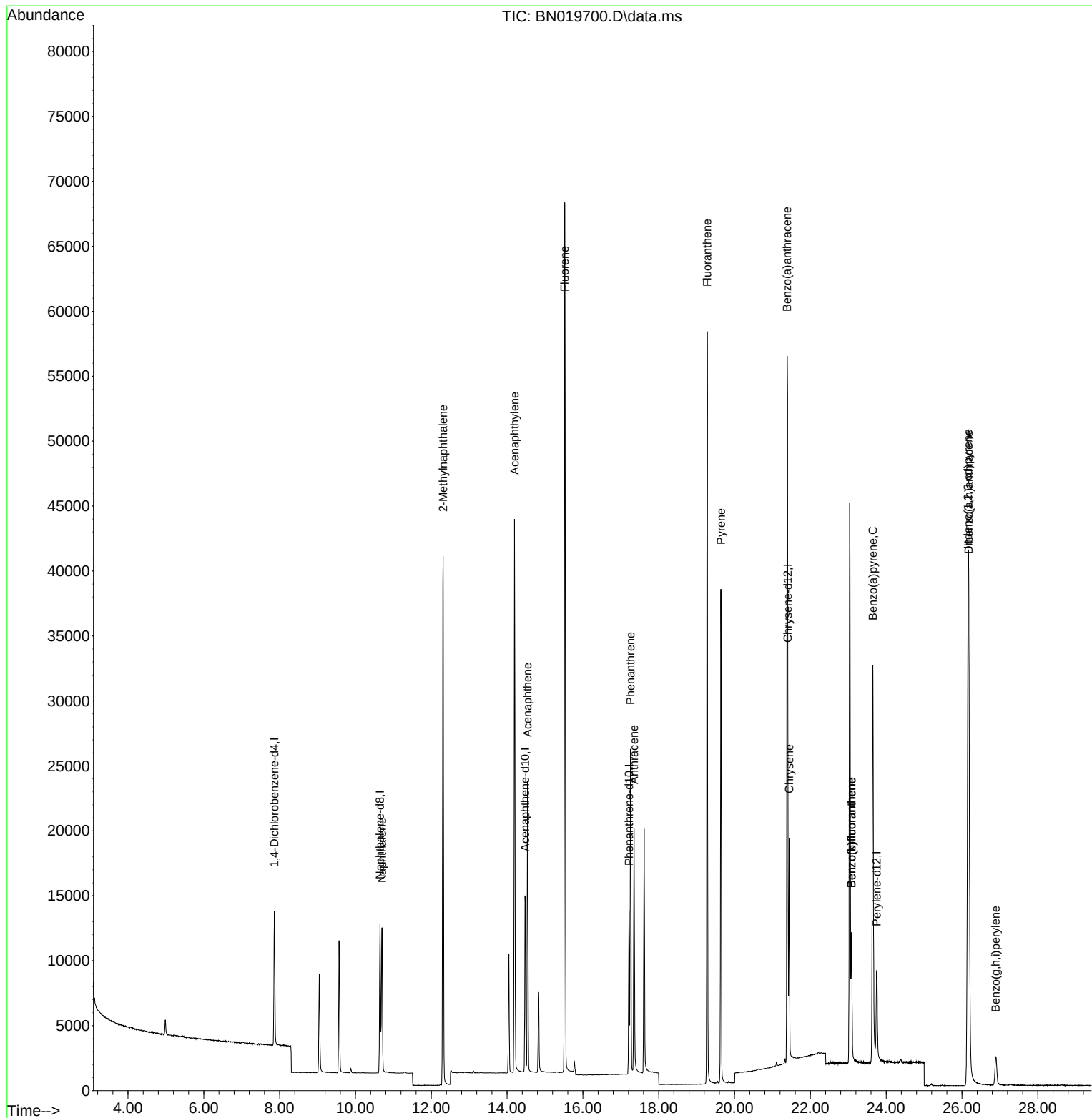
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	5285	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	15607	0.400	ng	0.00
13) Acenaphthene-d10	14.474	164	8498	0.400	ng	-0.01
19) Phenanthrene-d10	17.215	188	16874	0.400	ng	0.00
29) Chrysene-d12	21.404	240	13580	0.400	ng	# 0.00
35) Perylene-d12	23.749	264	10365	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	52	0.004	ng	0.00
5) Phenol-d6	7.031	99	69	0.005	ng	0.00
8) Nitrobenzene-d5	9.003	82	66	0.005	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	83	0.003	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	10	0.003	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	157	0.004	ng	0.01
27) Fluoranthene-d10	19.248	212	156	0.003	ng	0.00
31) Terphenyl-d14	19.847	244	151	0.005	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.701	128	15588	0.349	ng	100
12) 2-Methylnaphthalene	12.310	142	30071	1.027	ng	99
16) Acenaphthylene	14.196	152	46955	1.145	ng	99
17) Acenaphthene	14.538	154	10898	0.386	ng	96
18) Fluorene	15.521	166	43487	1.255	ng	99
25) Phenanthrene	17.256	178	26282	0.470	ng	100
26) Anthracene	17.348	178	21204	0.446	ng	99
28) Fluoranthene	19.278	202	54543	0.934	ng	99
30) Pyrene	19.640	202	36300	0.647	ng	100
32) Benzo(a)anthracene	21.386	228	48870	1.015	ng	98
33) Chrysene	21.440	228	13850	0.263	ng	99
36) Indeno(1,2,3-cd)pyrene	26.158	276	49990	1.061	ng	100
37) Benzo(b)fluoranthene	23.086	252	12873	0.301	ng	95
38) Benzo(k)fluoranthene	23.086	252	12365	0.273	ng	# 94
39) Benzo(a)pyrene	23.647	252	51397	1.582	ng	# 84
40) Dibenzo(a,h)anthracene	26.179	278	46776	1.219	ng	94
41) Benzo(g,h,i)perylene	26.889	276	4947	0.130	ng	98

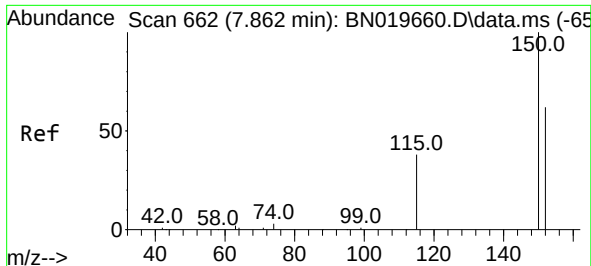
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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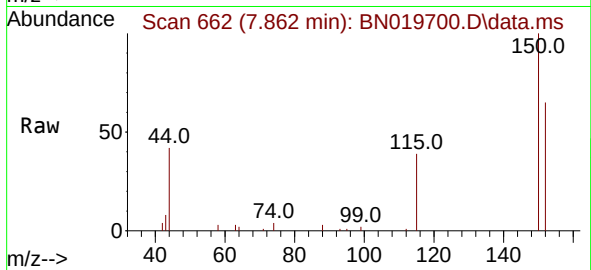
Quant Time: May 07 00:52:02 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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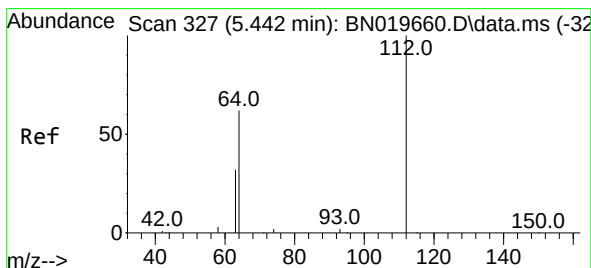
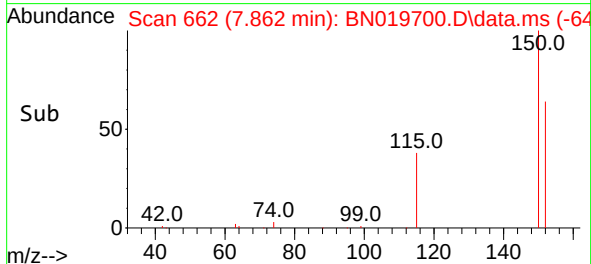
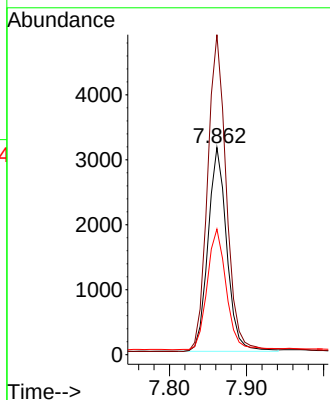
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.862 min Scan# 662
 Delta R.T. -0.000 min
 Lab File: BN019700.D
 Acq: 06 May 2022 16:08

Instrument :
 BNA_N
 ClientSampleId :
 38072-120920DL2



Tgt Ion:152 Resp: 5285

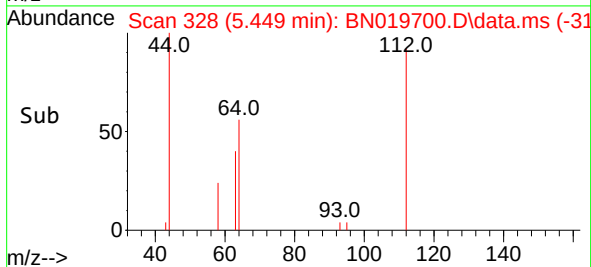
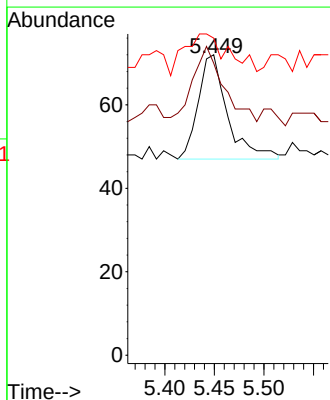
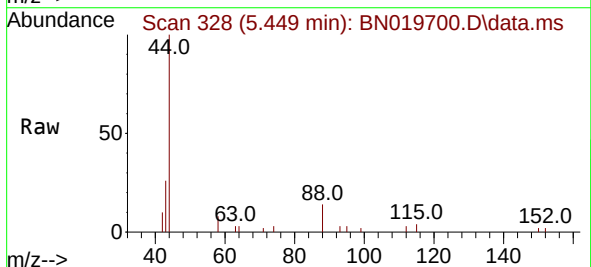
Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.6	183.8
115	60.6	49.0	73.6

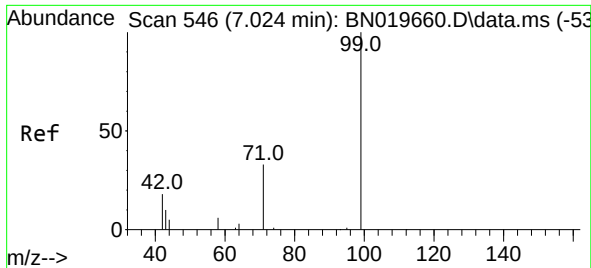


#4
 2-Fluorophenol
 Concen: 0.004 ng
 RT: 5.449 min Scan# 328
 Delta R.T. 0.007 min
 Lab File: BN019700.D
 Acq: 06 May 2022 16:08

Tgt Ion:112 Resp: 52

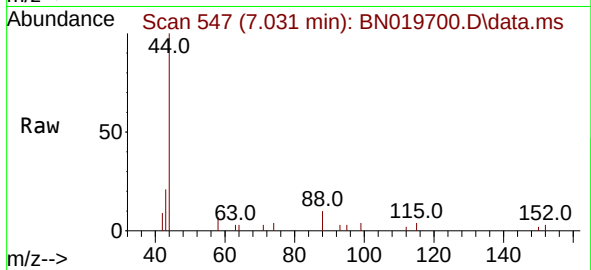
Ion	Ratio	Lower	Upper
112	100		
64	73.1	47.3	70.9#
63	61.5	24.6	36.8#



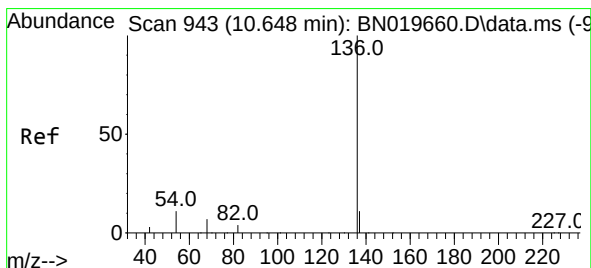
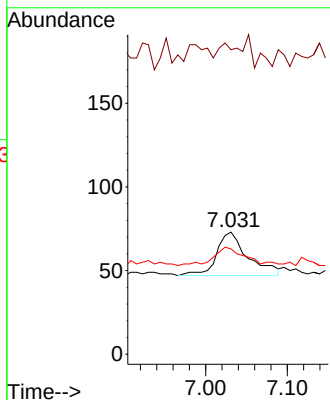
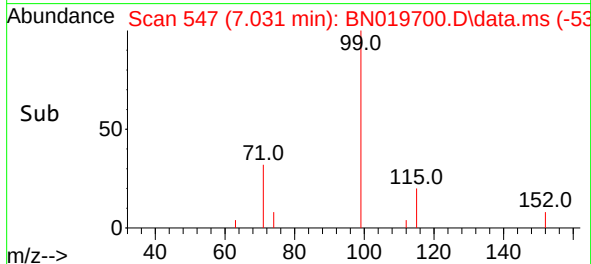


#5
Phenol-d6
Concen: 0.005 ng
RT: 7.031 min Scan# 546
Delta R.T. 0.007 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

Instrument :
BNA_N
ClientSampleId :
38072-120920DL2

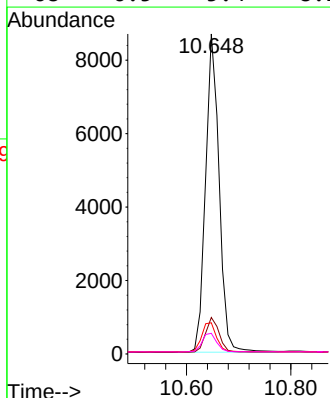
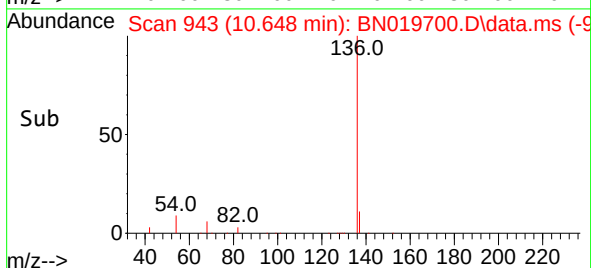
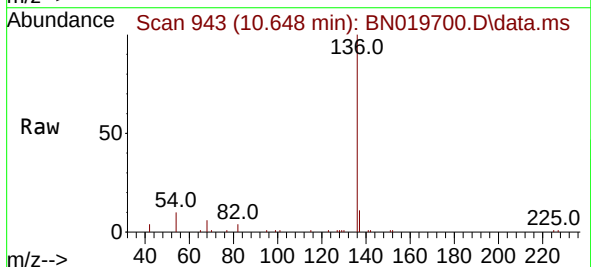


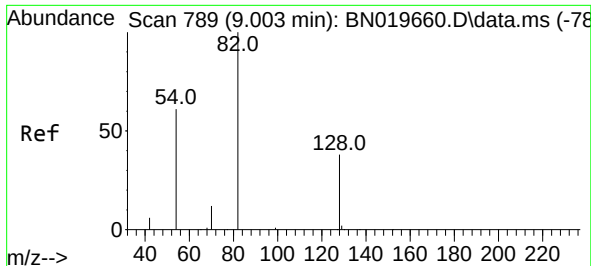
Tgt Ion: 99 Resp: 69
Ion Ratio Lower Upper
99 100
42 13.0 15.8 23.8#
71 43.5 26.5 39.7#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

Tgt Ion: 136 Resp: 15607
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 9.8 7.8 11.6
68 6.5 5.4 8.2

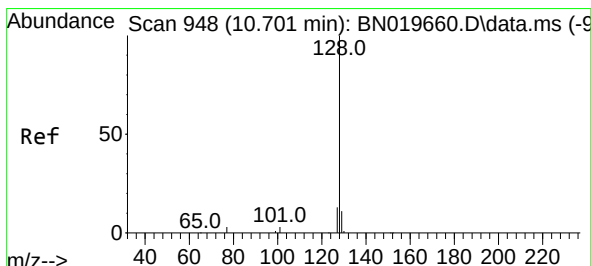
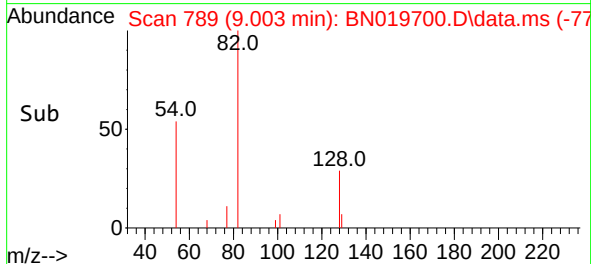
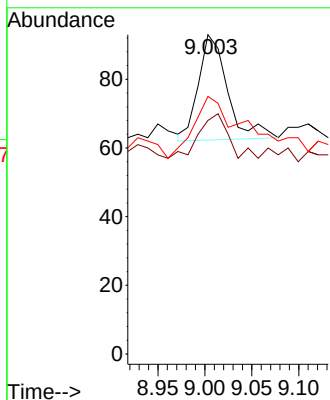
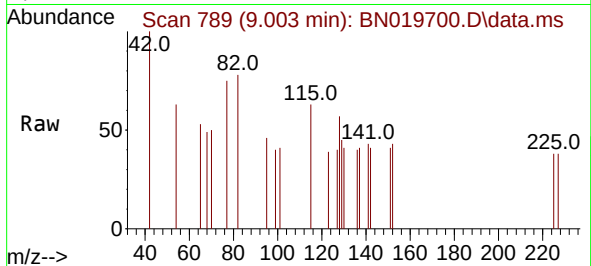




#8
Nitrobenzene-d5
Concen: 0.005 ng
RT: 9.003 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

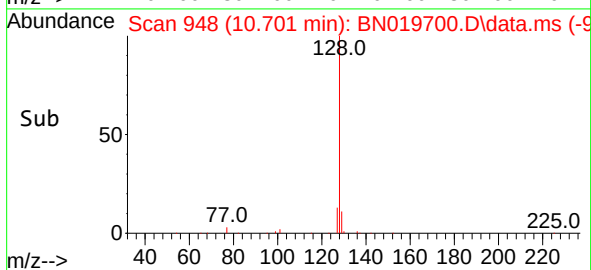
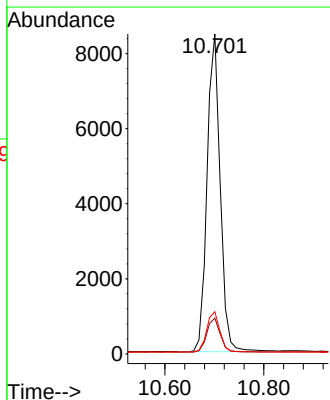
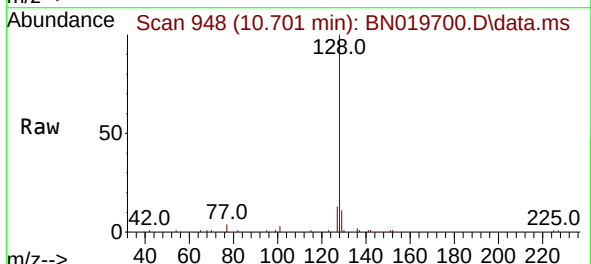
Instrument :
BNA_N
ClientSampleId :
38072-120920DL2

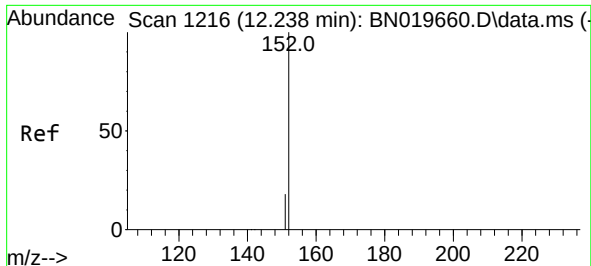
Tgt Ion: 82 Resp: 66
Ion Ratio Lower Upper
82 100
128 73.1 32.4 48.6#
54 80.6 44.4 66.6#



#9
Naphthalene
Concen: 0.349 ng
RT: 10.701 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

Tgt Ion: 128 Resp: 15588
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.2 10.8 16.2

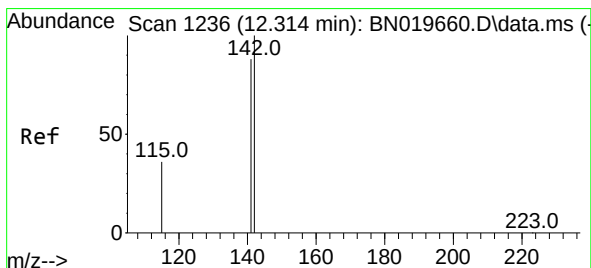
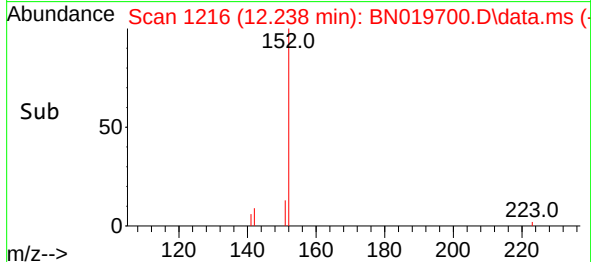
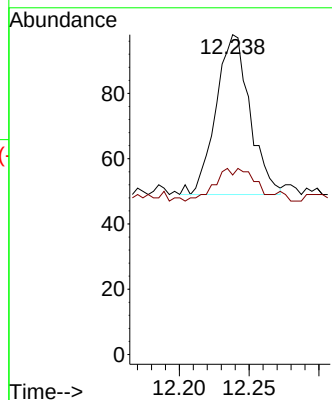
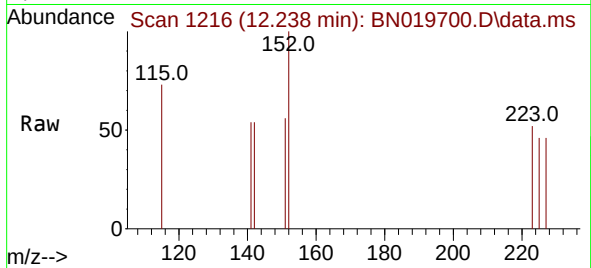




#11
2-Methylnaphthalene-d10
Concen: 0.003 ng
RT: 12.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

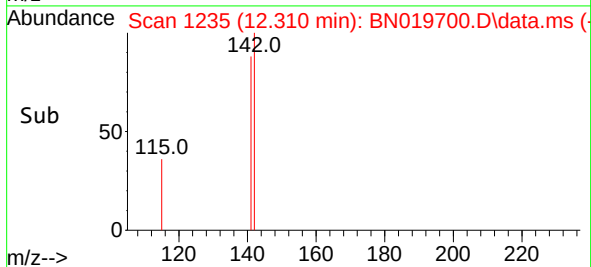
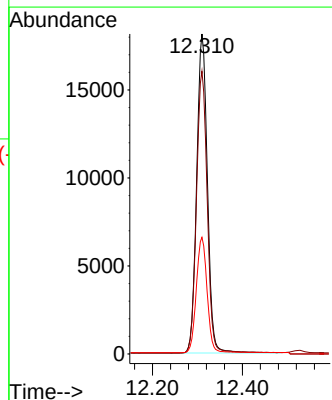
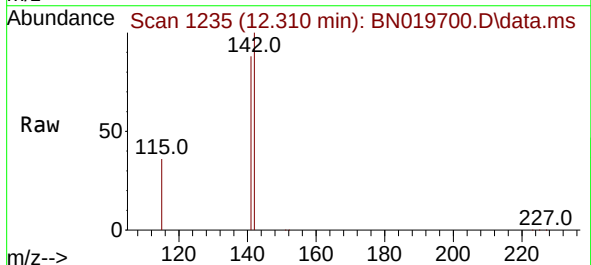
Instrument :
BNA_N
ClientSampleId :
38072-120920DL2

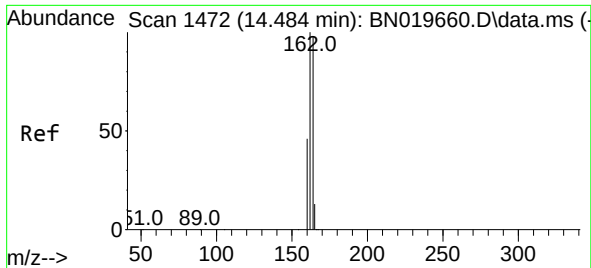
Tgt Ion:152 Resp: 83
Ion Ratio Lower Upper
152 100
151 12.0 16.2 24.4#



#12
2-Methylnaphthalene
Concen: 1.027 ng
RT: 12.310 min Scan# 1235
Delta R.T. -0.004 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

Tgt Ion:142 Resp: 30071
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 36.4 29.6 44.4

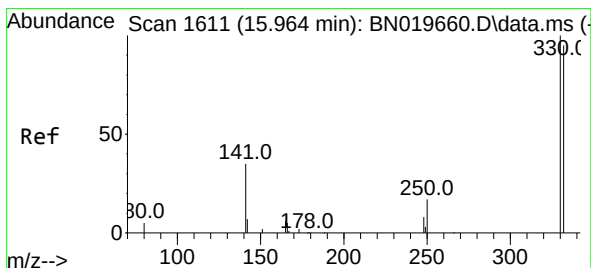
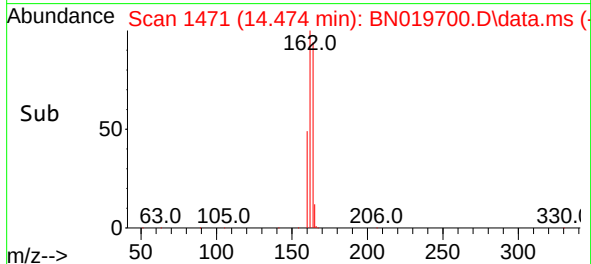
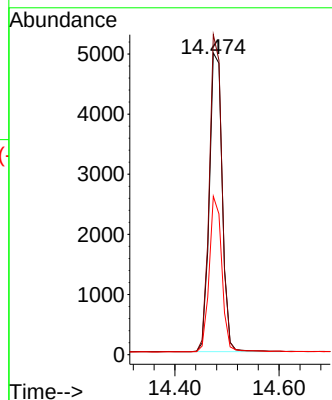
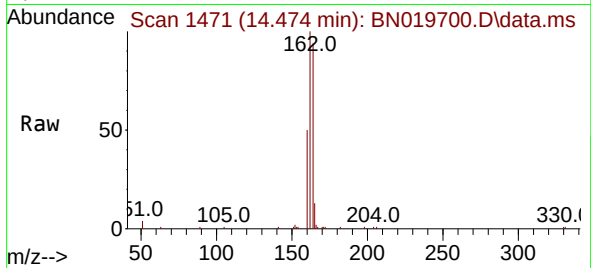




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

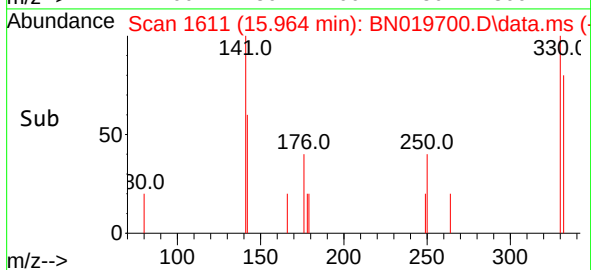
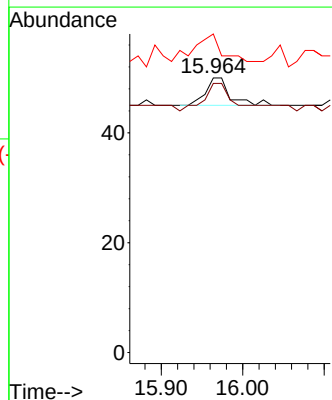
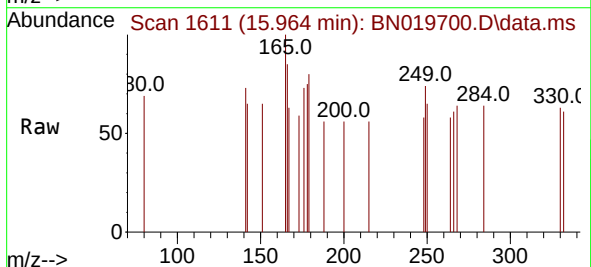
Instrument :
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ClientSampleId :
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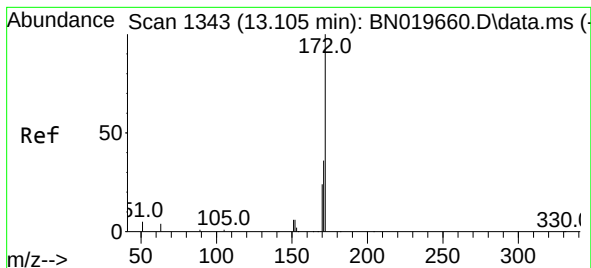
Tgt Ion:164 Resp: 8498
Ion Ratio Lower Upper
164 100
162 106.0 81.8 122.6
160 52.5 38.3 57.5



#14
2,4,6-Tribromophenol
Concen: 0.003 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

Tgt Ion:330 Resp: 10
Ion Ratio Lower Upper
330 100
332 110.0 76.2 114.4
141 170.0 39.7 59.5#





#15

2-Fluorobiphenyl

Concen: 0.004 ng

RT: 13.116 min Scan# 1344

Delta R.T. 0.011 min

Lab File: BN019700.D

Acq: 06 May 2022 16:08

Instrument :

BNA_N

ClientSampleId :

38072-120920DL2

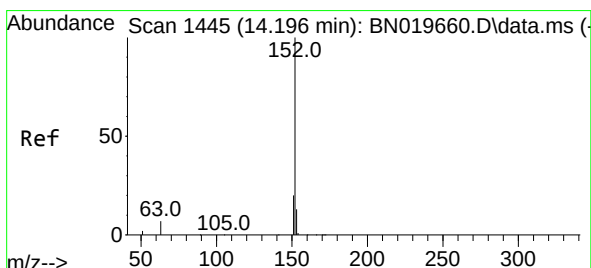
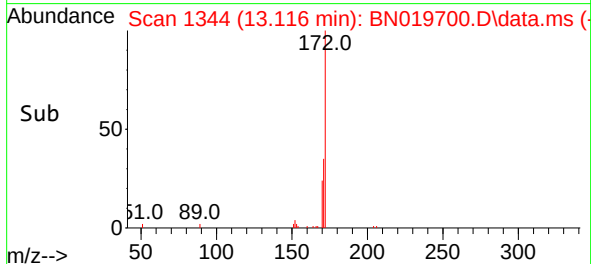
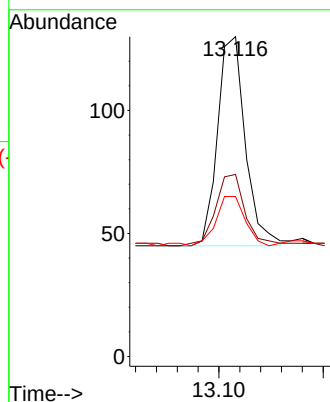
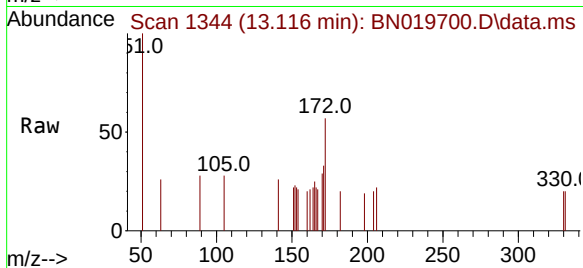
Tgt Ion:172 Resp: 157

Ion Ratio Lower Upper

172 100

171 56.9 28.0 42.0#

170 50.0 19.0 28.4#



#16

Acenaphthylene

Concen: 1.145 ng

RT: 14.196 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BN019700.D

Acq: 06 May 2022 16:08

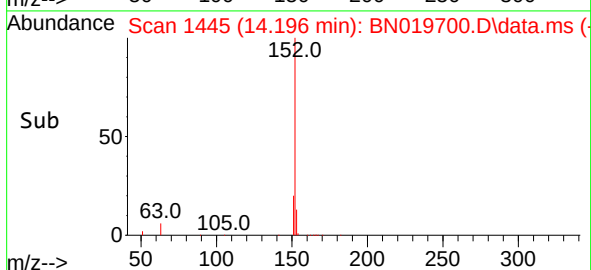
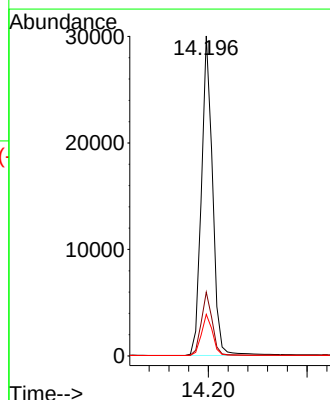
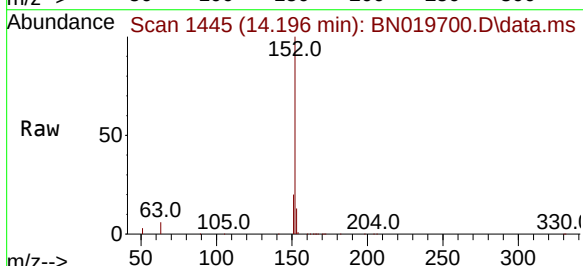
Tgt Ion:152 Resp: 46955

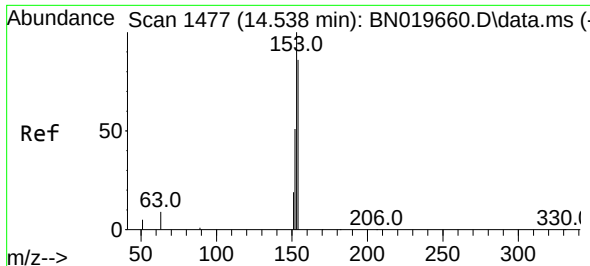
Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.4

153 13.0 10.5 15.7

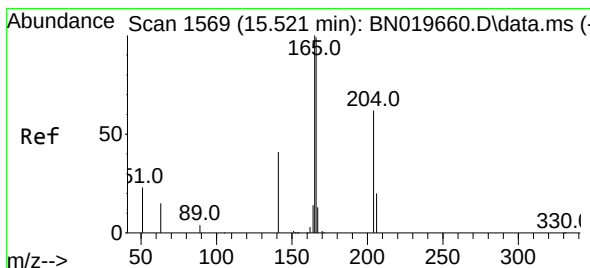
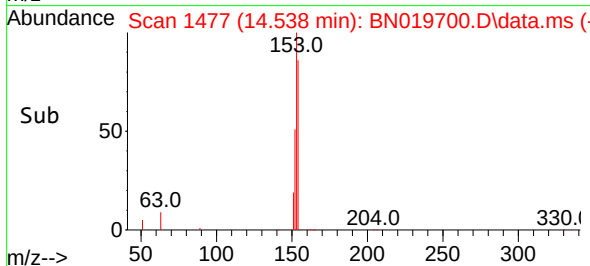
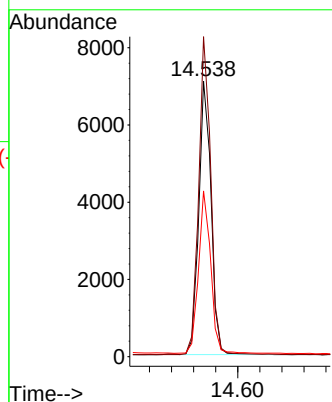
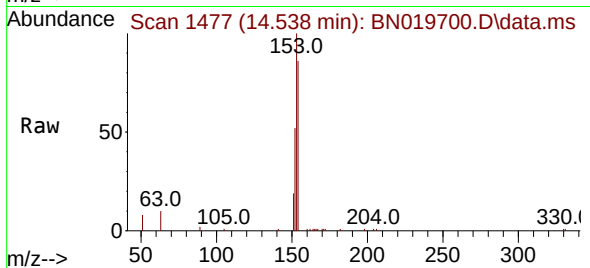




#17
Acenaphthene
Concen: 0.386 ng
RT: 14.538 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

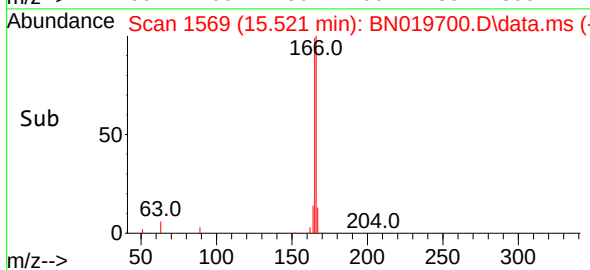
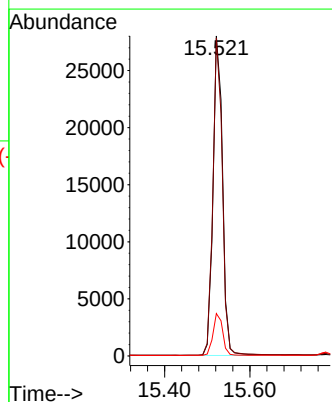
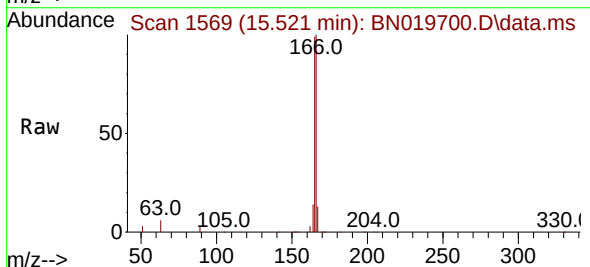
Instrument :
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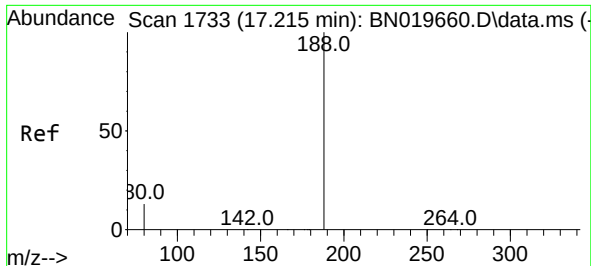
Tgt Ion:154 Resp: 10898
Ion Ratio Lower Upper
154 100
153 114.9 89.3 133.9
152 59.2 44.1 66.1



#18
Fluorene
Concen: 1.255 ng
RT: 15.521 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

Tgt Ion:166 Resp: 43487
Ion Ratio Lower Upper
166 100
165 98.2 79.1 118.7
167 13.3 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.215 min Scan# 1733

Delta R.T. -0.000 min

Lab File: BN019700.D

Acq: 06 May 2022 16:08

Instrument :

BNA_N

ClientSampleId :

38072-120920DL2

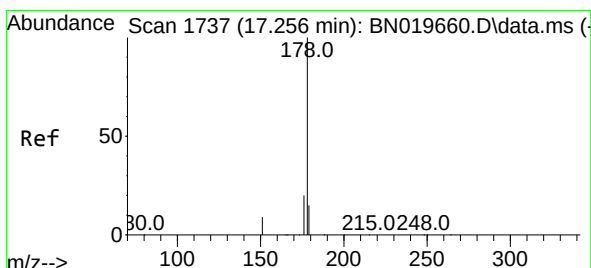
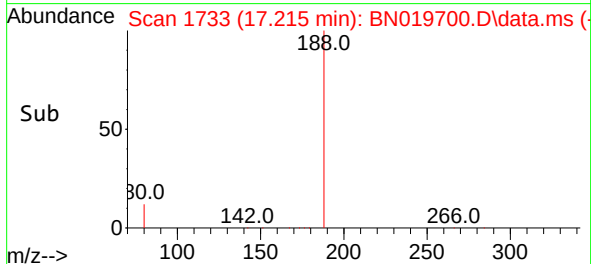
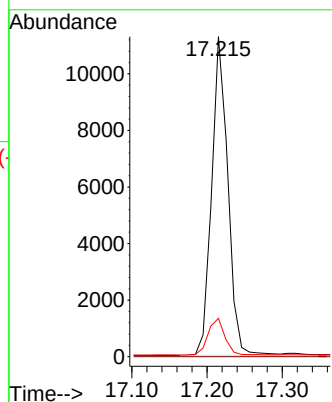
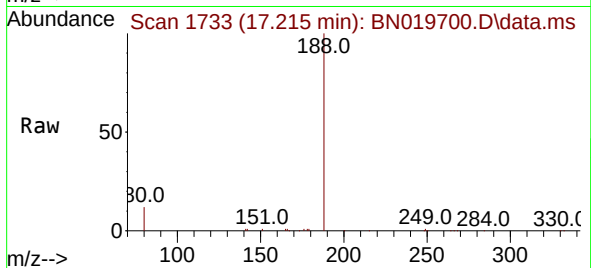
Tgt Ion:188 Resp: 16874

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.0 8.6 12.8



#25

Phenanthrene

Concen: 0.470 ng

RT: 17.256 min Scan# 1737

Delta R.T. -0.000 min

Lab File: BN019700.D

Acq: 06 May 2022 16:08

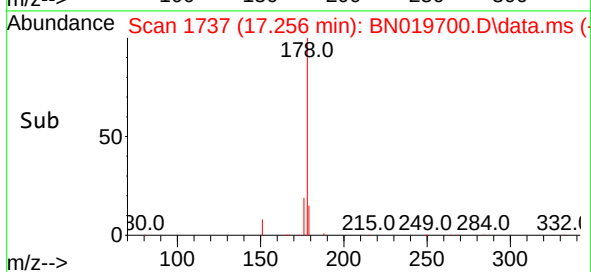
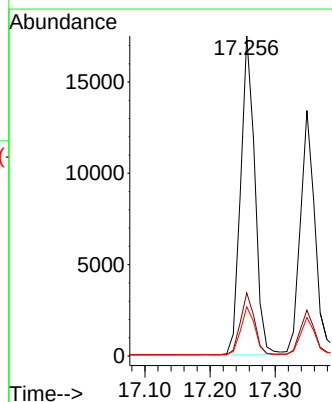
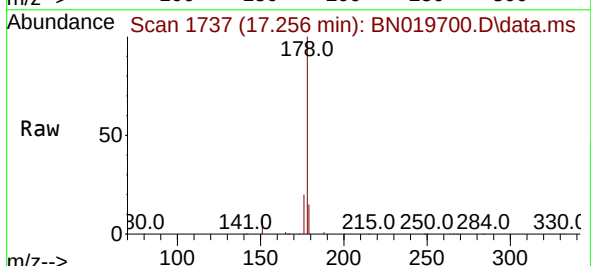
Tgt Ion:178 Resp: 26282

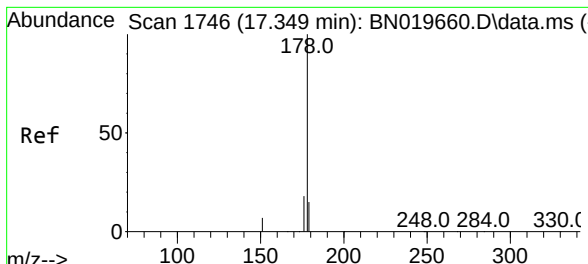
Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.1 12.1 18.1

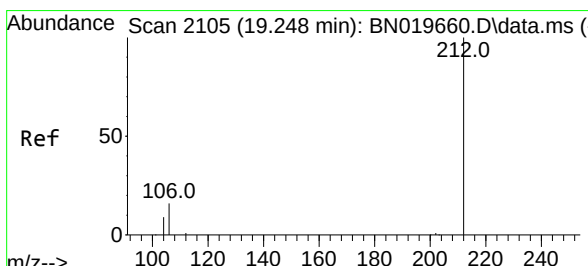
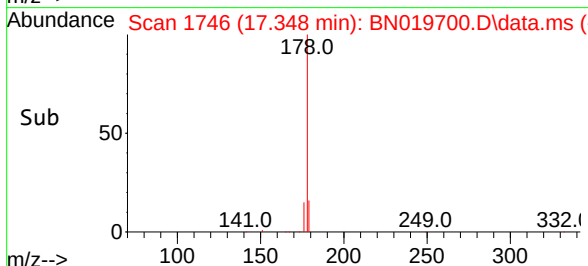
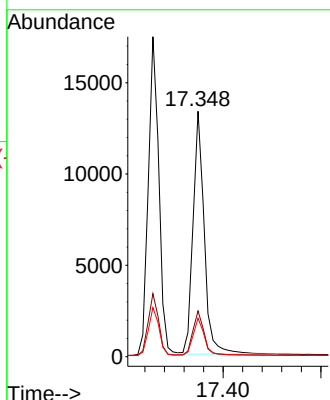
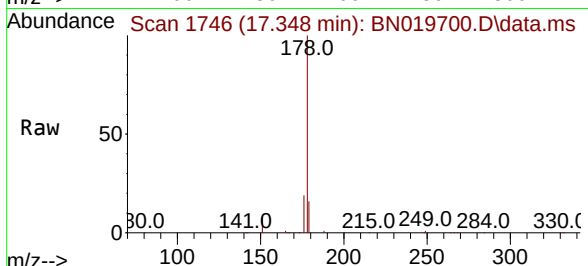




#26
 Anthracene
 Concen: 0.446 ng
 RT: 17.348 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN019700.D
 Acq: 06 May 2022 16:08

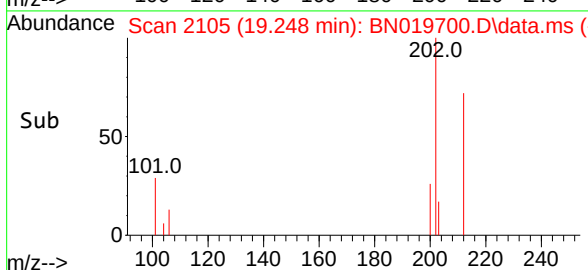
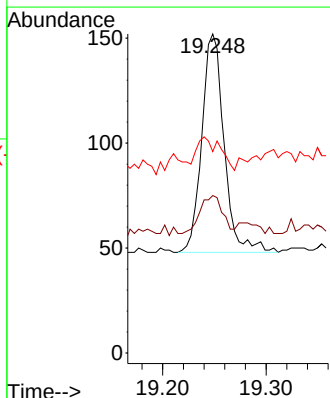
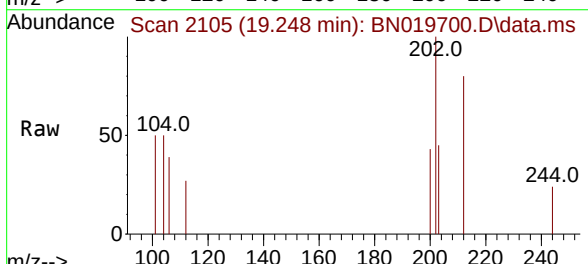
Instrument :
 BNA_N
 ClientSampleId :
 38072-120920DL2

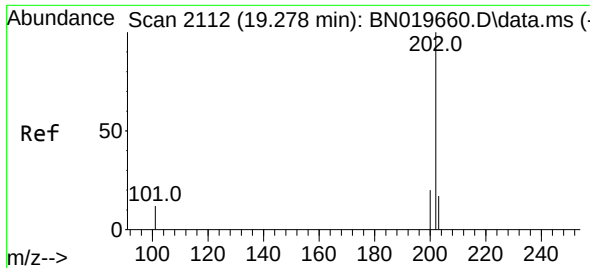
Tgt Ion:	178	Resp:	21204
Ion Ratio	Lower	Upper	
178	100		
176	18.4	14.3	21.5
179	15.2	12.2	18.4



#27
 Fluoranthene-d10
 Concen: 0.003 ng
 RT: 19.248 min Scan# 2105
 Delta R.T. -0.000 min
 Lab File: BN019700.D
 Acq: 06 May 2022 16:08

Tgt Ion:	212	Resp:	156
Ion Ratio	Lower	Upper	
212	100		
106	19.2	13.5	20.3
104	15.4	7.6	11.4

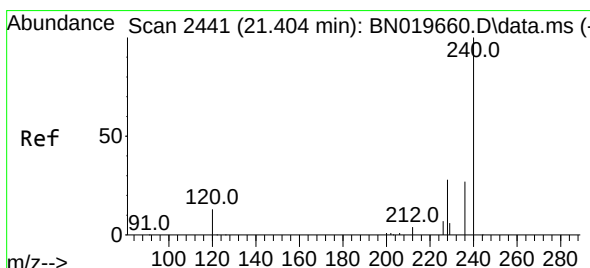
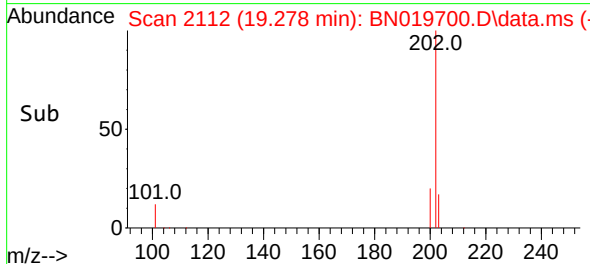
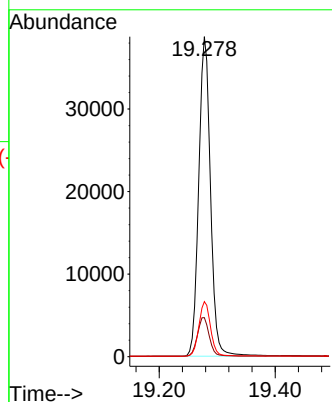
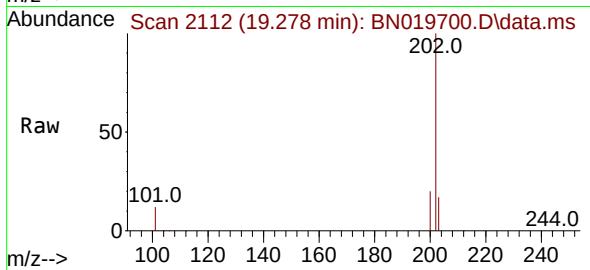




#28
Fluoranthene
Concen: 0.934 ng
RT: 19.278 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

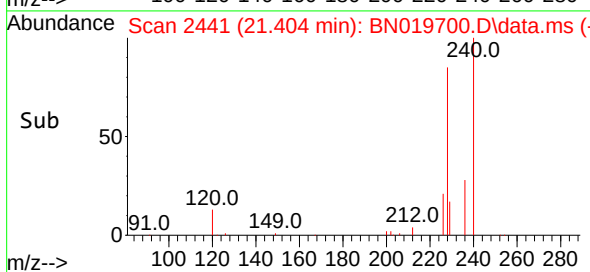
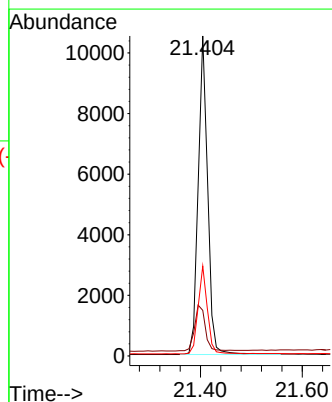
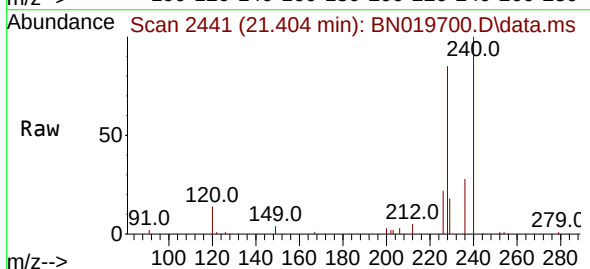
Instrument :
BNA_N
ClientSampleId :
38072-120920DL2

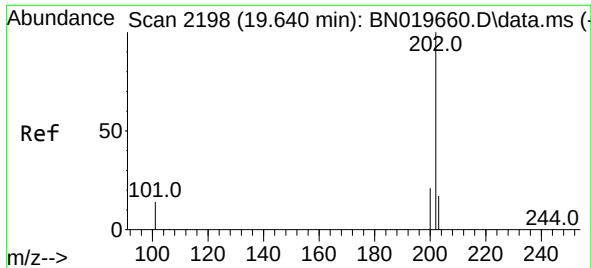
Tgt Ion:202 Resp: 54543
Ion Ratio Lower Upper
202 100
101 12.2 10.6 15.8
203 17.1 13.6 20.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

Tgt Ion:240 Resp: 13580
Ion Ratio Lower Upper
240 100
120 14.2 17.4 26.2#
236 28.1 23.0 34.4

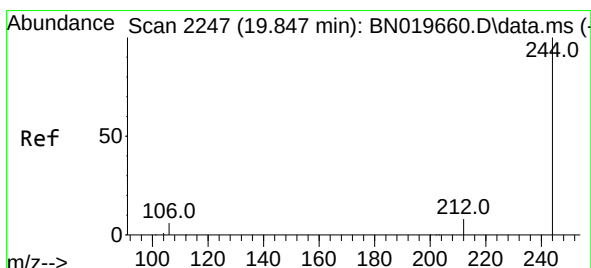
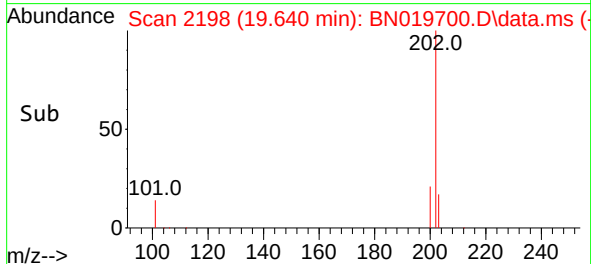
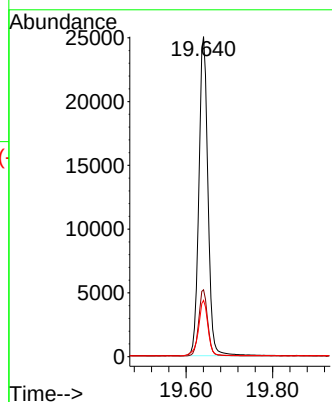
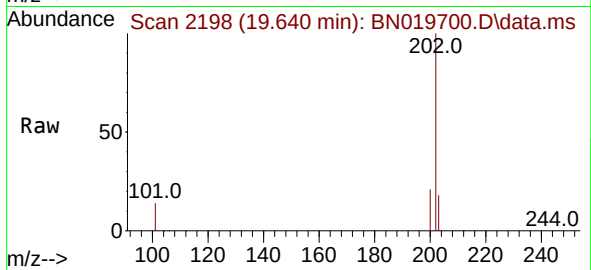




#30
Pyrene
Concen: 0.647 ng
RT: 19.640 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

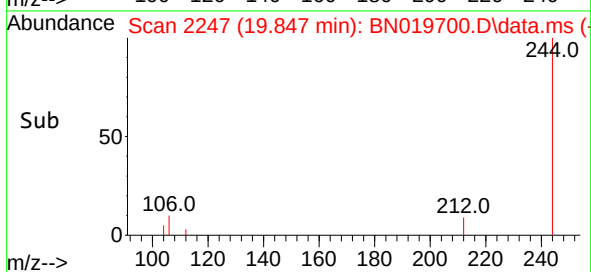
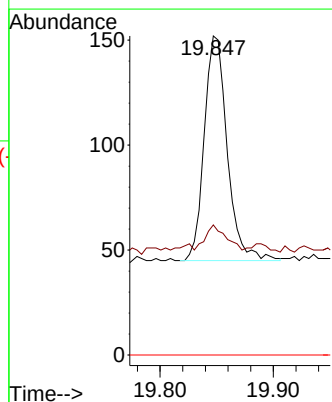
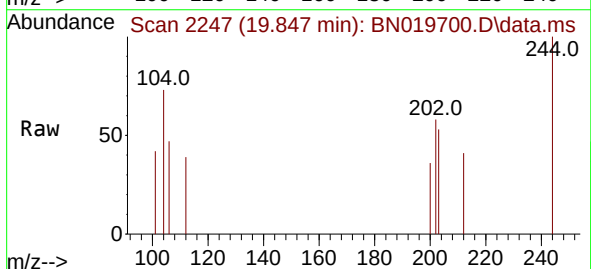
Instrument :
BNA_N
ClientSampleId :
38072-120920DL2

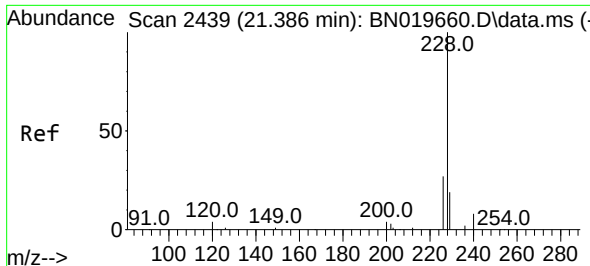
Tgt Ion:202 Resp: 36300
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 18.2 14.2 21.4



#31
Terphenyl-d14
Concen: 0.005 ng
RT: 19.847 min Scan# 2247
Delta R.T. -0.000 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

Tgt Ion:244 Resp: 151
Ion Ratio Lower Upper
244 100
212 40.8 7.6 11.4#
122 0.0 0.0 0.0

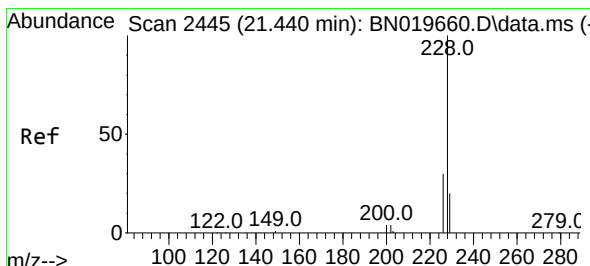
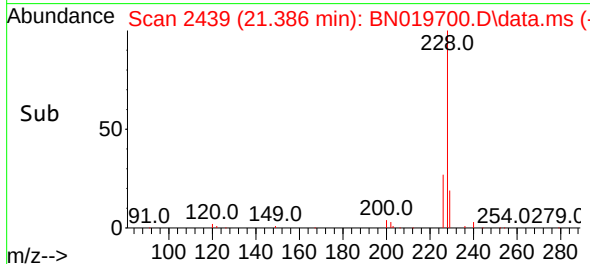
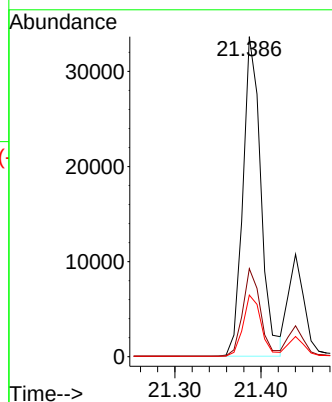
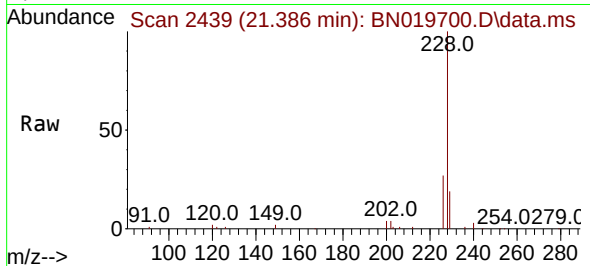




#32
Benzo(a)anthracene
Concen: 1.015 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

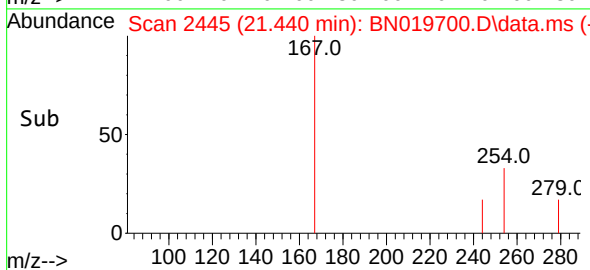
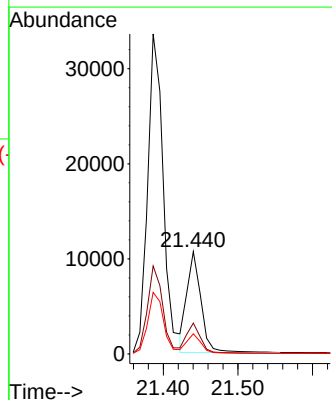
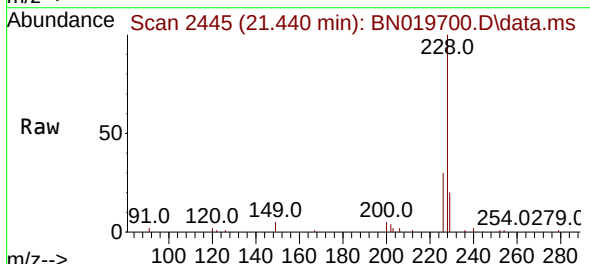
Instrument :
BNA_N
ClientSampleId :
38072-120920DL2

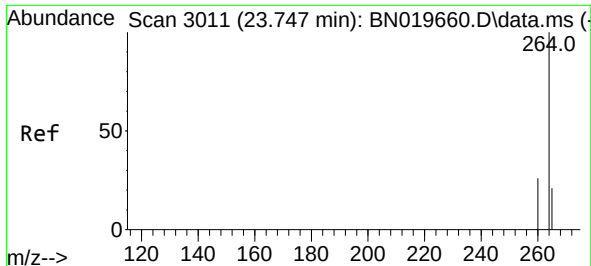
Tgt Ion:	228	Resp:	48870
Ion Ratio	Lower	Upper	
228	100		
226	27.5	21.6	32.4
229	19.2	16.5	24.7



#33
Chrysene
Concen: 0.263 ng
RT: 21.440 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

Tgt Ion:	228	Resp:	13850
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.6	36.8
229	19.7	15.9	23.9

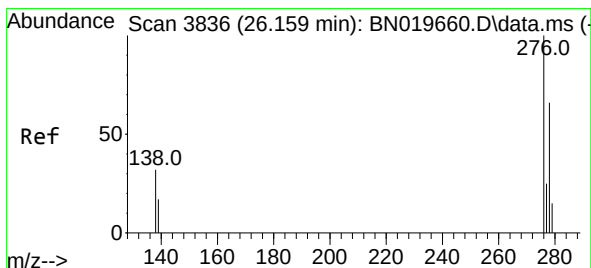
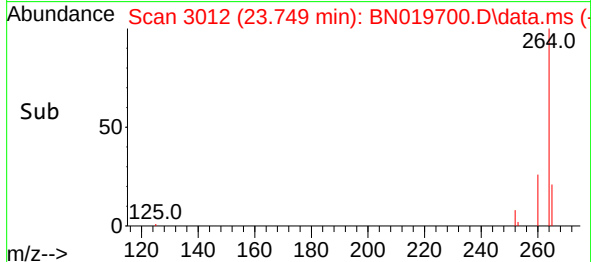
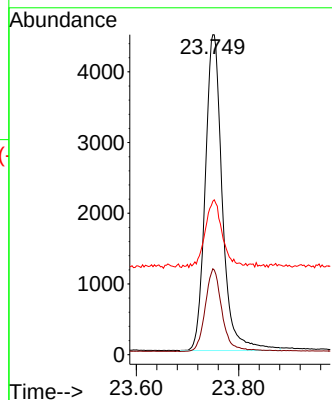
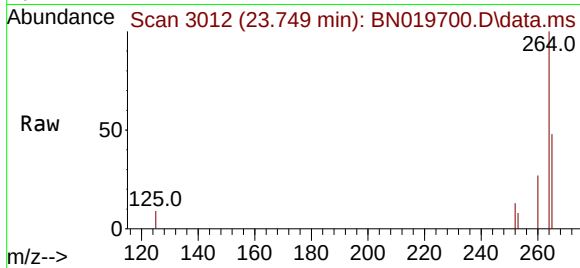




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.749 min Scan# 3011
Delta R.T. 0.003 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

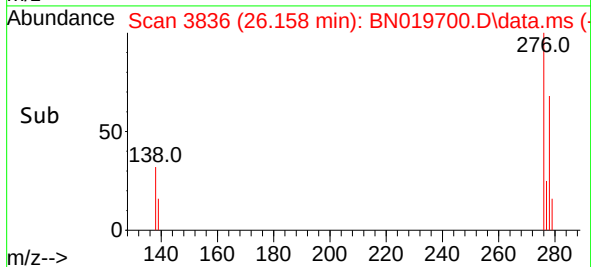
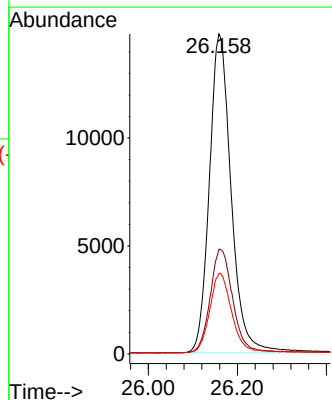
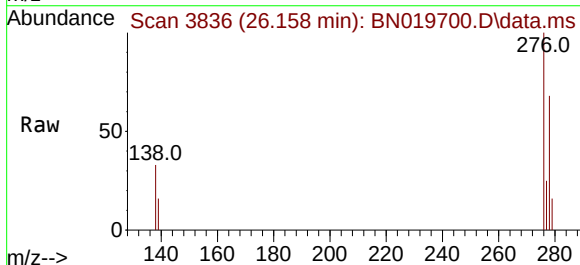
Instrument :
BNA_N
ClientSampleId :
38072-120920DL2

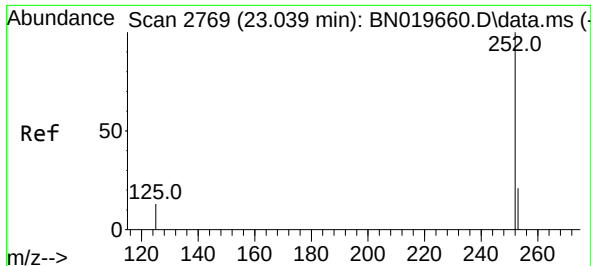
Tgt Ion:264 Resp: 10365
Ion Ratio Lower Upper
264 100
260 26.9 21.0 31.6
265 48.0 67.9 101.9#



#36
Indeno(1,2,3-cd)pyrene
Concen: 1.061 ng
RT: 26.158 min Scan# 3836
Delta R.T. -0.000 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

Tgt Ion:276 Resp: 49990
Ion Ratio Lower Upper
276 100
138 33.5 26.6 40.0
277 25.1 20.0 30.0





#37

Benzo(b)fluoranthene

Concen: 0.301 ng

RT: 23.086 min Scan# 21

Delta R.T. 0.047 min

Lab File: BN019700.D

Acq: 06 May 2022 16:08

Instrument :

BNA_N

ClientSampleId :

38072-120920DL2

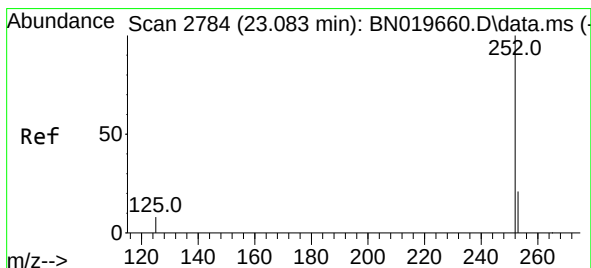
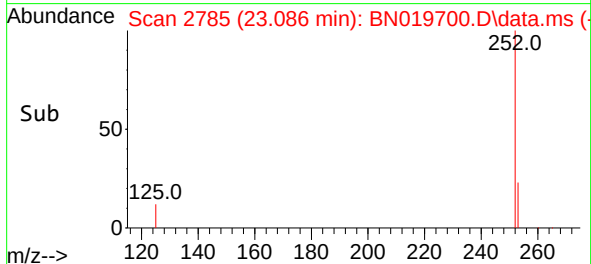
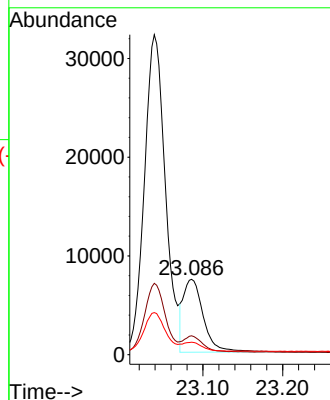
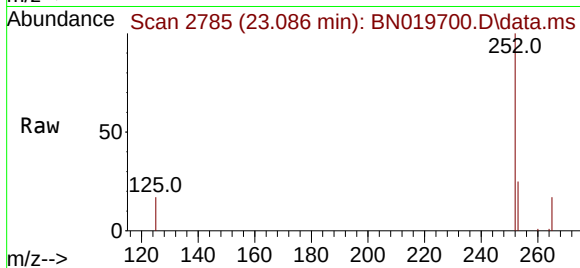
Tgt Ion:252 Resp: 12873

Ion Ratio Lower Upper

252 100

253 25.2 21.2 31.8

125 16.6 15.9 23.9



#38

Benzo(k)fluoranthene

Concen: 0.273 ng

RT: 23.086 min Scan# 2785

Delta R.T. 0.003 min

Lab File: BN019700.D

Acq: 06 May 2022 16:08

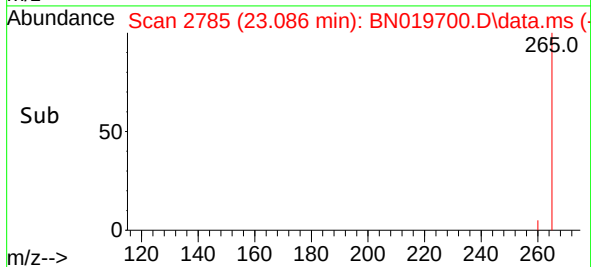
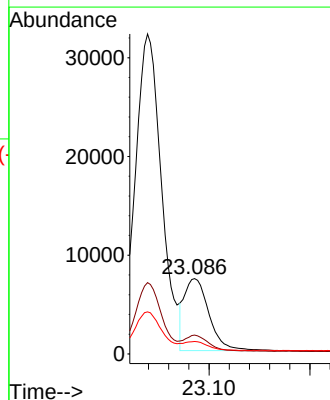
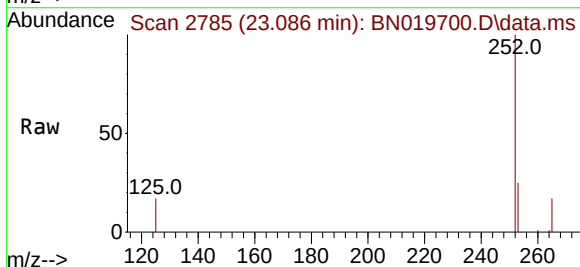
Tgt Ion:252 Resp: 12365

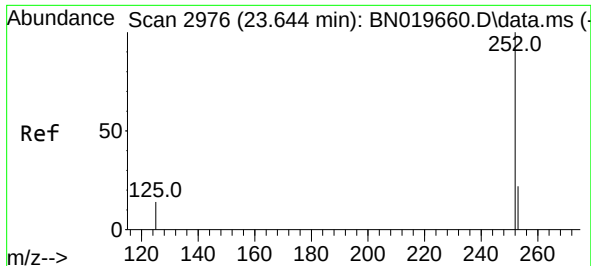
Ion Ratio Lower Upper

252 100

253 25.2 21.7 32.5

125 16.6 17.0 25.4#

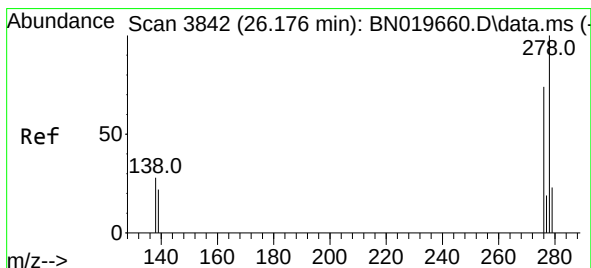
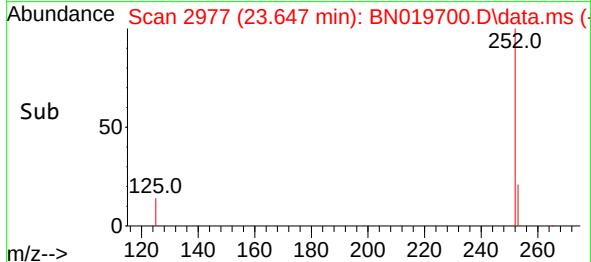
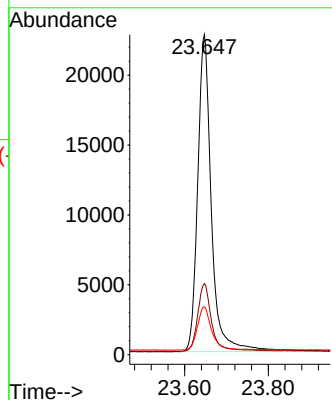
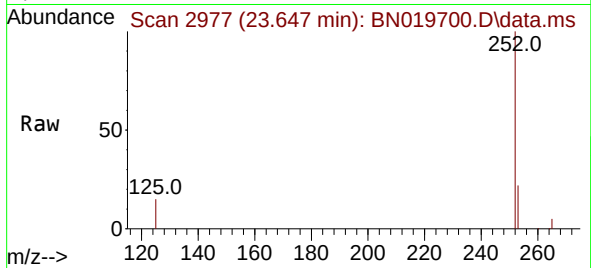




#39
Benzo(a)pyrene
Concen: 1.582 ng
RT: 23.647 min Scan# 2976
Delta R.T. 0.003 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

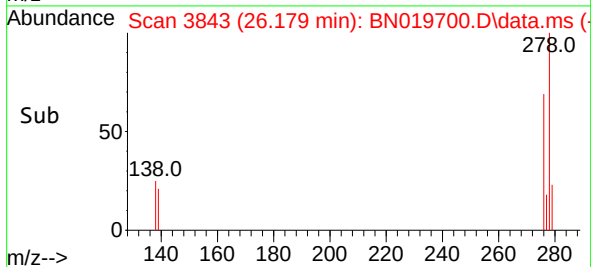
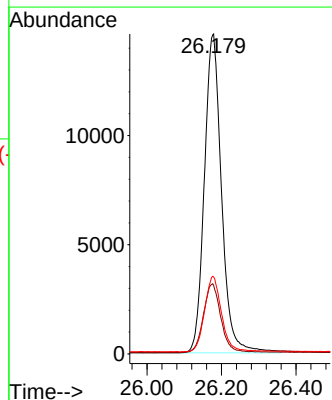
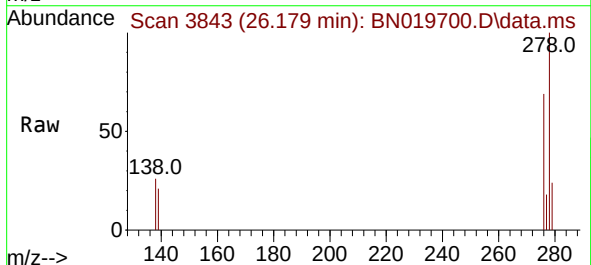
Instrument :
BNA_N
ClientSampleId :
38072-120920DL2

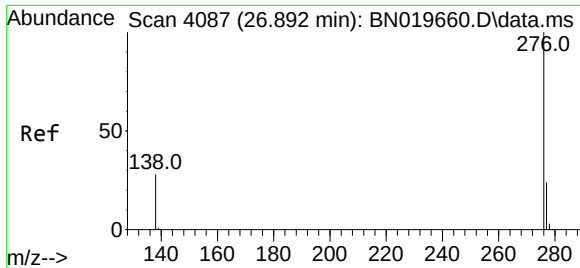
Tgt Ion:252 Resp: 51397
Ion Ratio Lower Upper
252 100
253 22.2 23.1 34.7#
125 15.0 20.4 30.6#



#40
Dibenzo(a,h)anthracene
Concen: 1.219 ng
RT: 26.179 min Scan# 3843
Delta R.T. 0.003 min
Lab File: BN019700.D
Acq: 06 May 2022 16:08

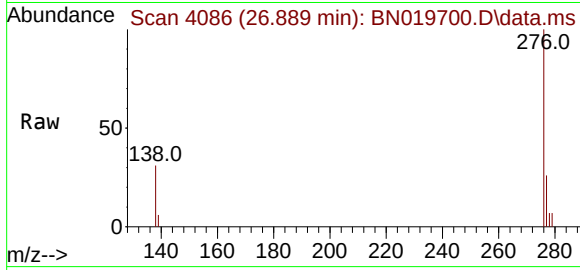
Tgt Ion:278 Resp: 46776
Ion Ratio Lower Upper
278 100
139 21.4 19.4 29.2
279 24.1 21.8 32.8





#41
 Benzo(g,h,i)perylene
 Concen: 0.130 ng
 RT: 26.889 min Scan# 4086
 Delta R.T. -0.003 min
 Lab File: BN019700.D
 Acq: 06 May 2022 16:08

Instrument :
 BNA_N
 ClientSampleId :
 38072-120920DL2



Tgt Ion:276 Resp: 4947
 Ion Ratio Lower Upper
 276 100
 277 25.8 20.2 30.2
 138 31.0 23.5 35.3

