

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031122\
 Data File : BN018917.D
 Acq On : 10 Mar 2022 23:48
 Operator : CG/JU
 Sample : N1862-03DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 V-2-0309-2ADL

Quant Time: Mar 11 03:05:59 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN030322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 03:02:57 2022
 Response via : Initial Calibration

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

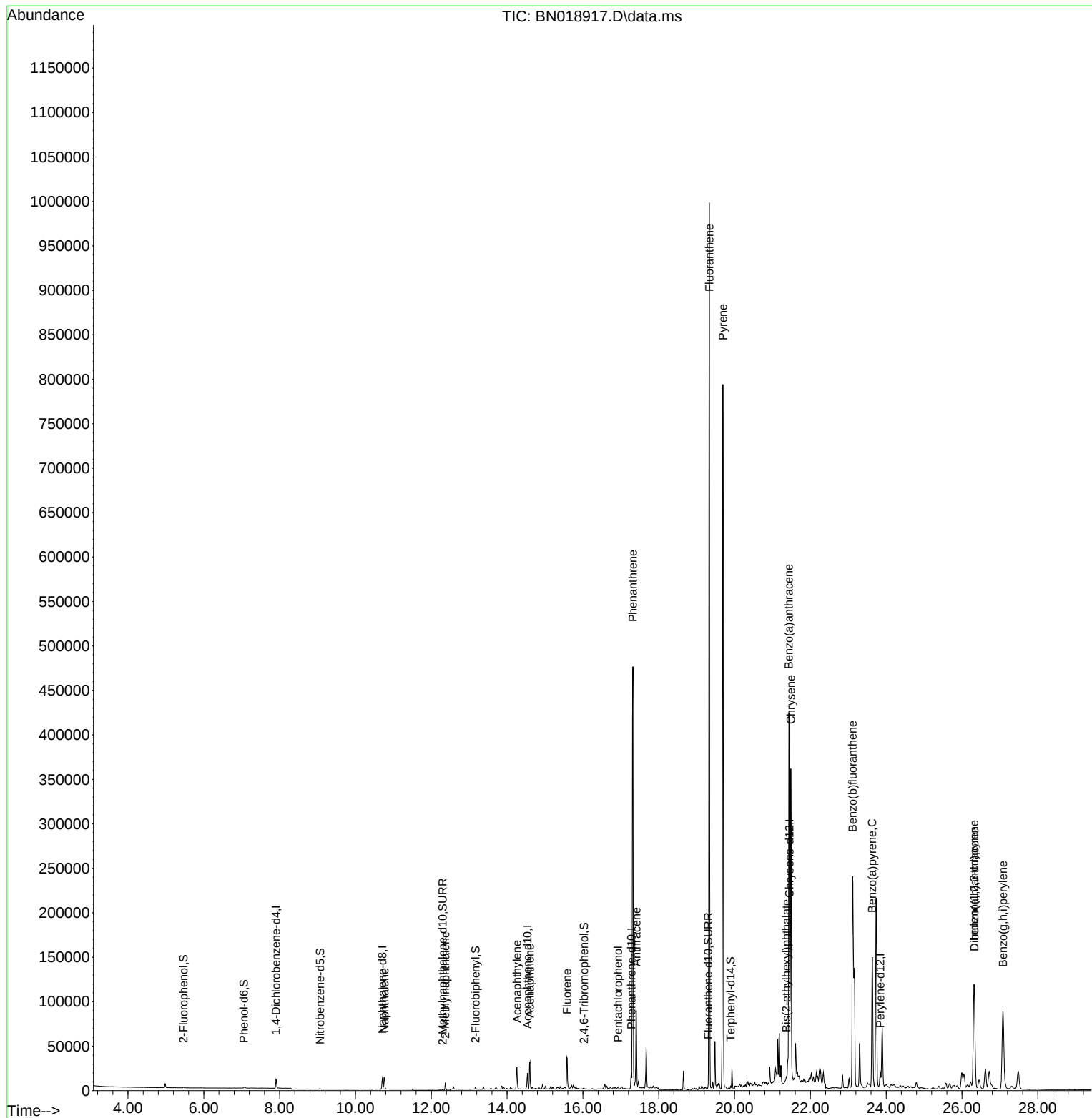
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	5151	0.400	ng	0.00
7) Naphthalene-d8	10.712	136	15678	0.400	ng	# 0.00
13) Acenaphthene-d10	14.538	164	9937	0.400	ng	0.00
19) Phenanthrene-d10	17.277	188	22709	0.400	ng	# 0.00
29) Chrysene-d12	21.449	240	22614	0.400	ng	# 0.00
35) Perylene-d12	23.843	264	21871	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	678	0.060	ng	0.00
5) Phenol-d6	7.060	99	907	0.067	ng	0.00
8) Nitrobenzene-d5	9.067	82	623	0.055	ng	0.01
11) 2-Methylnaphthalene-d10	12.299	152	1227	0.048	ng	0.00
14) 2,4,6-Tribromophenol	16.025	330	238	0.052	ng	0.00
15) 2-Fluorobiphenyl	13.169	172	1962	0.046	ng	0.00
27) Fluoranthene-d10	19.303	212	3540	0.053	ng	0.00
31) Terphenyl-d14	19.893	244	2377	0.049	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.765	128	18839	0.419	ng	100
12) 2-Methylnaphthalene	12.370	142	5456	0.174	ng	98
16) Acenaphthylene	14.260	152	29495	0.651	ng	100
17) Acenaphthene	14.602	154	15949	0.496	ng	99
18) Fluorene	15.585	166	23519	0.562	ng	98
24) Pentachlorophenol	16.928	266	51	0.224	ng	96
25) Phenanthrene	17.318	178	514883	6.828	ng	100
26) Anthracene	17.410	178	107915	1.699	ng	97
28) Fluoranthene	19.333	202	861974	10.058	ng	99
30) Pyrene	19.695	202	725705	7.188	ng	97
32) Benzo(a)anthracene	21.431	228	378224	4.453	ng	97
33) Chrysene	21.485	228	308181	3.302	ng	97
34) Bis(2-ethylhexyl)phtha...	21.368	149	7099	0.135	ng	# 69
36) Indeno(1,2,3-cd)pyrene	26.319	276	201503	2.050	ng	# 93
37) Benzo(b)fluoranthene	23.115	252	425937	4.184	ng	# 96
39) Benzo(a)pyrene	23.632	252	205202	2.623	ng	95
40) Dibenzo(a,h)anthracene	26.328	278	43140	0.573	ng	98
41) Benzo(g,h,i)perylene	27.082	276	195980	2.422	ng	97

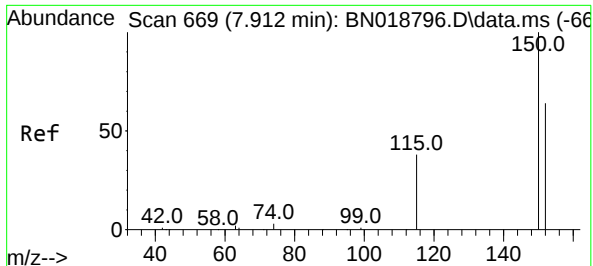
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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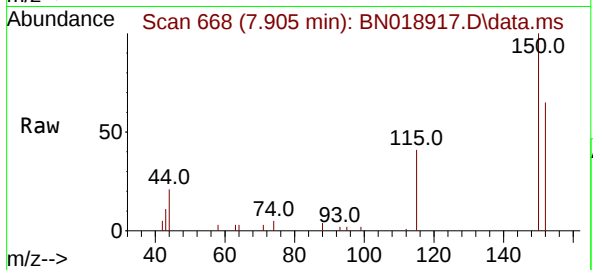
Quant Time: Mar 11 03:05:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN030322.M
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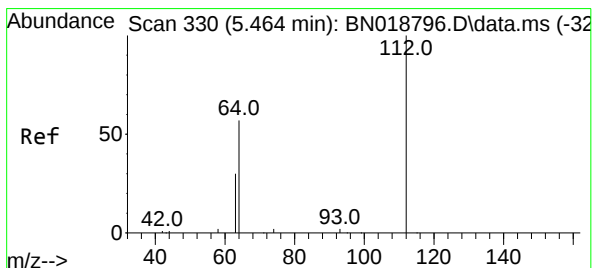
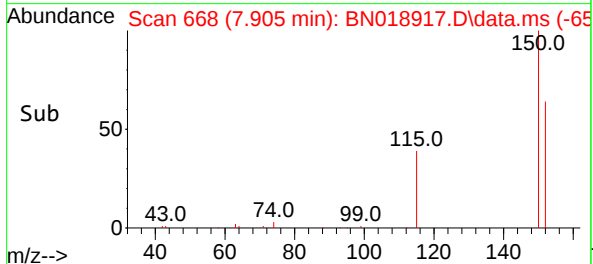
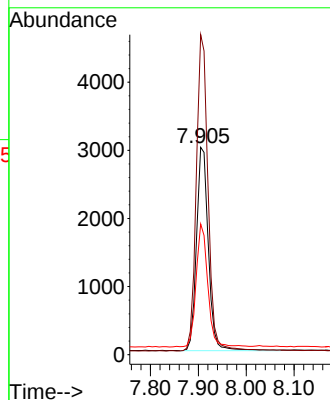


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.905 min Scan# 669
Delta R.T. -0.007 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

Instrument :
BNA_N
ClientSampleId :
V-2-0309-2ADL

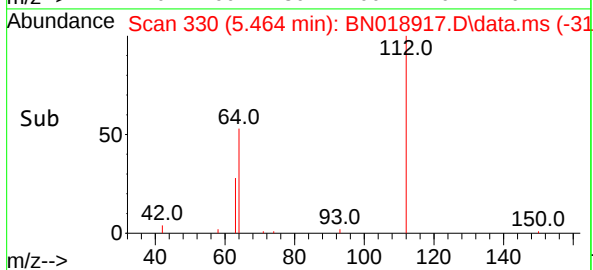
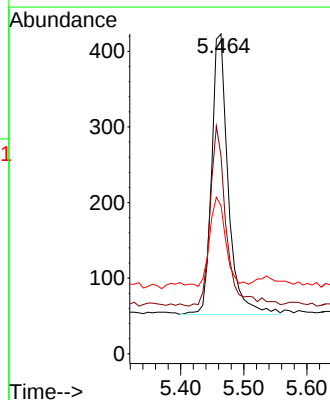
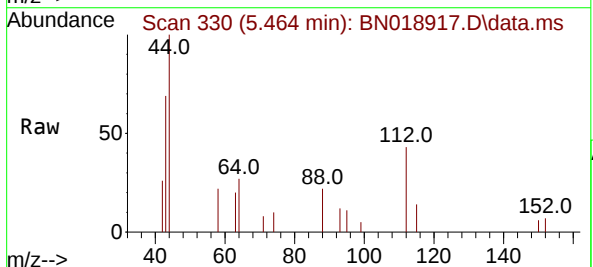


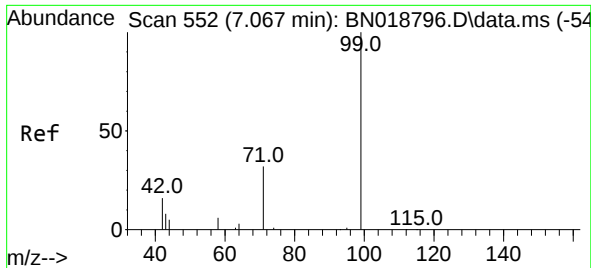
Tgt Ion:152 Resp: 5151
Ion Ratio Lower Upper
152 100
150 154.3 123.9 185.9
115 63.0 48.2 72.4



#4
2-Fluorophenol
Concen: 0.060 ng
RT: 5.464 min Scan# 330
Delta R.T. 0.007 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

Tgt Ion:112 Resp: 678
Ion Ratio Lower Upper
112 100
64 62.5 47.8 71.8
63 31.0 25.7 38.5

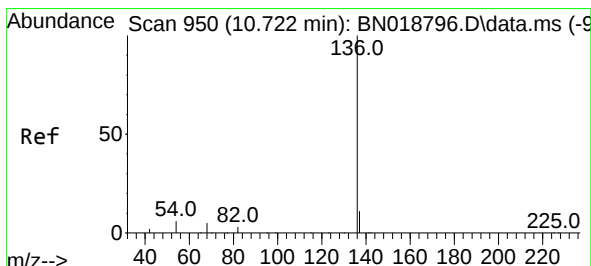
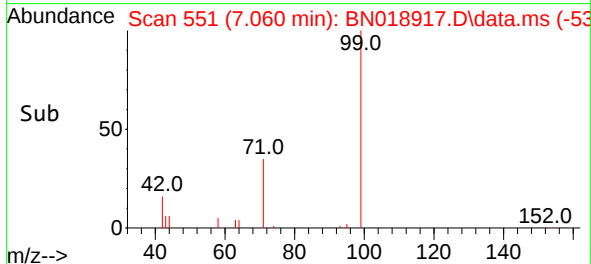
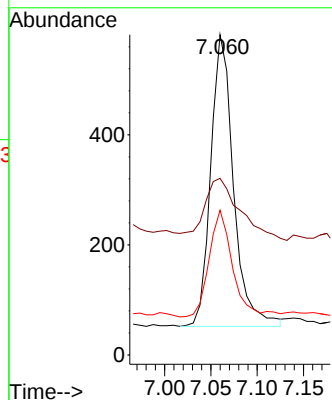
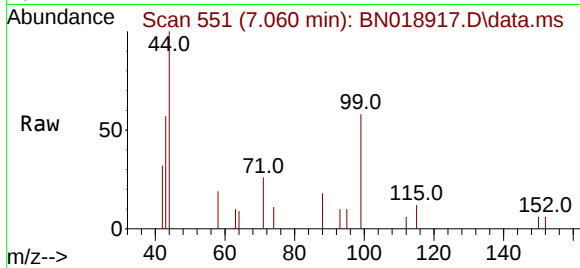




#5
Phenol-d6
Concen: 0.067 ng
RT: 7.060 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

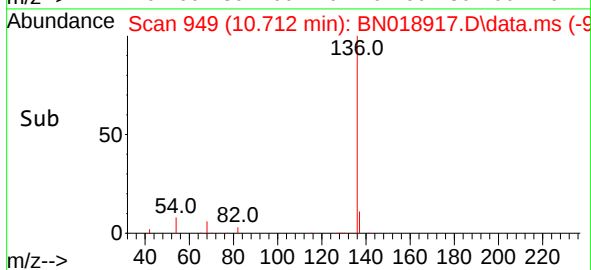
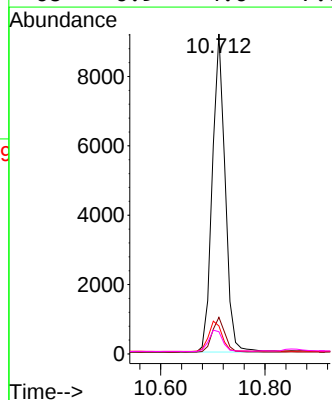
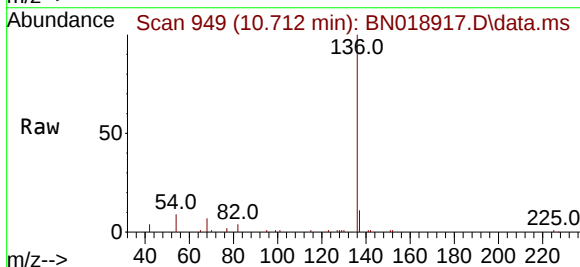
Instrument :
BNA_N
ClientSampleId :
V-2-0309-2ADL

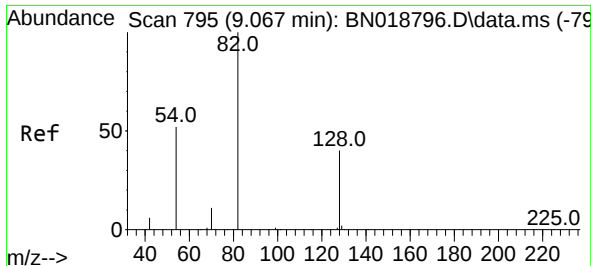
Tgt Ion: 99 Resp: 907
Ion Ratio Lower Upper
99 100
42 30.4 16.2 24.4#
71 38.0 27.7 41.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.712 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

Tgt Ion:136 Resp: 15678
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 8.8 5.8 8.6#
68 6.9 4.6 7.0

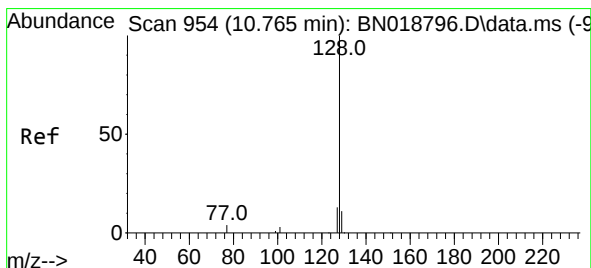
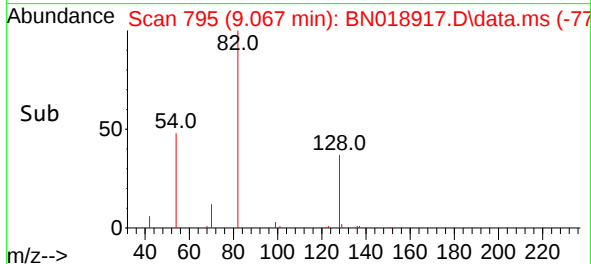
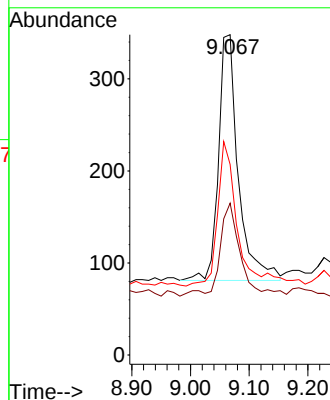
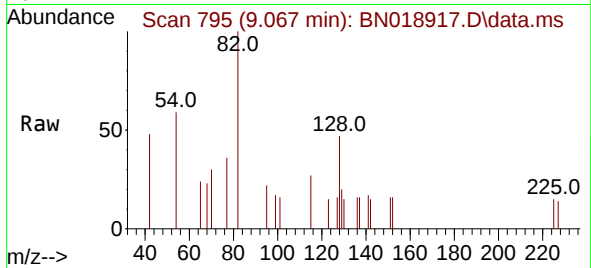




#8
 Nitrobenzene-d5
 Concen: 0.055 ng
 RT: 9.067 min Scan# 795
 Delta R.T. 0.011 min
 Lab File: BN018917.D
 Acq: 10 Mar 2022 23:48

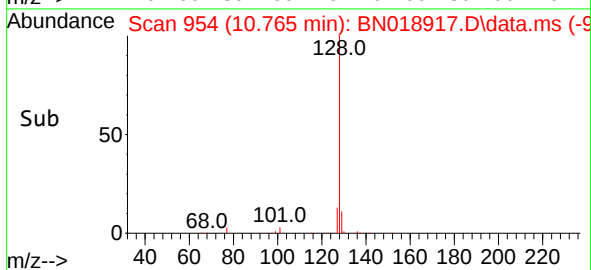
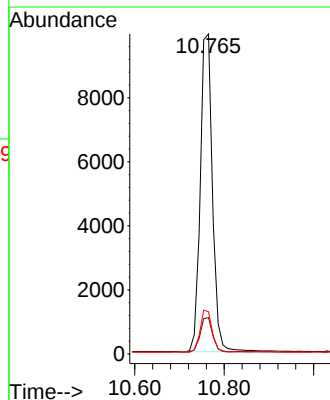
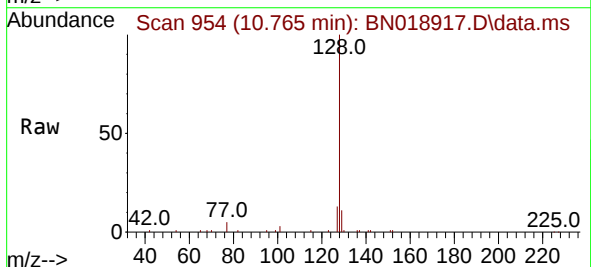
Instrument :
 BNA_N
 ClientSampleId :
 V-2-0309-2ADL

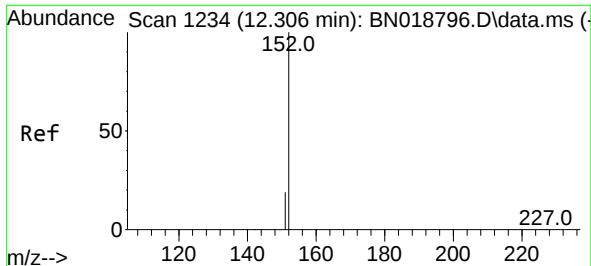
Tgt Ion: 82	Resp: 623
Ion Ratio	Lower Upper
82 100	
128 47.4	33.0 49.6
54 59.5	42.5 63.7



#9
 Naphthalene
 Concen: 0.419 ng
 RT: 10.765 min Scan# 954
 Delta R.T. -0.000 min
 Lab File: BN018917.D
 Acq: 10 Mar 2022 23:48

Tgt Ion:128	Resp: 18839
Ion Ratio	Lower Upper
128 100	
129 11.3	9.0 13.4
127 13.2	10.7 16.1

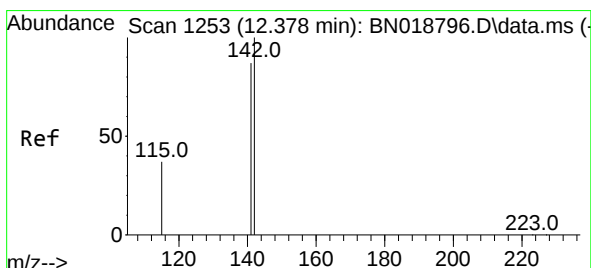
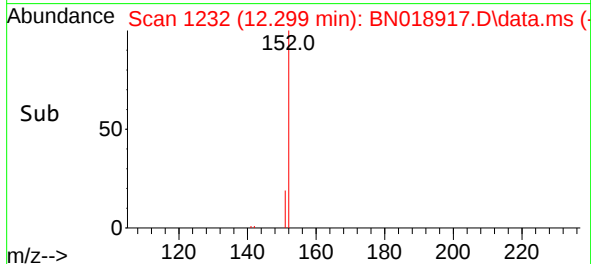
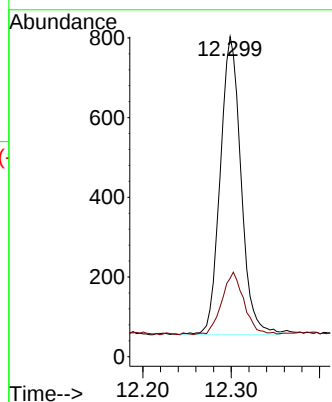
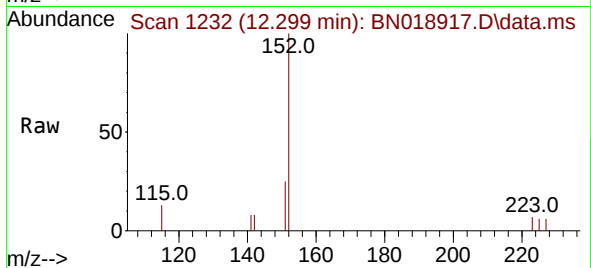




#11
2-Methylnaphthalene-d10
Concen: 0.048 ng
RT: 12.299 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

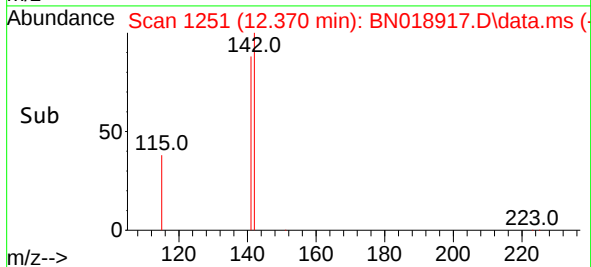
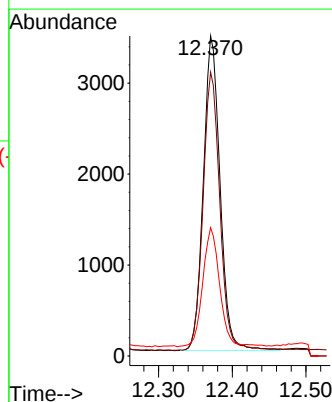
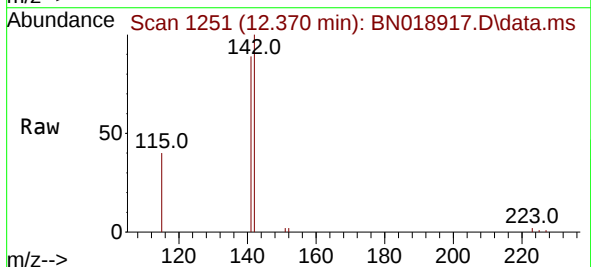
Instrument :
BNA_N
ClientSampleId :
V-2-0309-2ADL

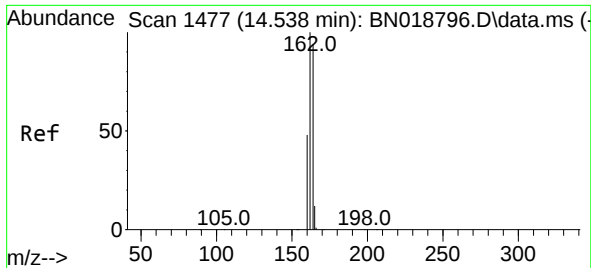
Tgt Ion:152 Resp: 1227
Ion Ratio Lower Upper
152 100
151 22.1 16.5 24.7



#12
2-Methylnaphthalene
Concen: 0.174 ng
RT: 12.370 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

Tgt Ion:142 Resp: 5456
Ion Ratio Lower Upper
142 100
141 88.7 70.0 105.0
115 40.1 29.8 44.8

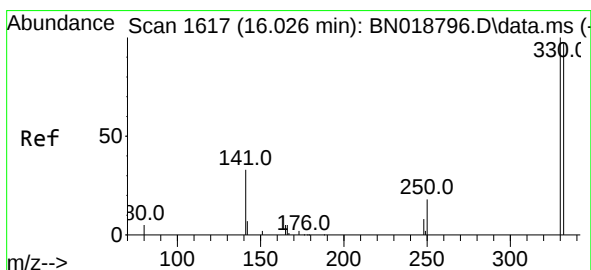
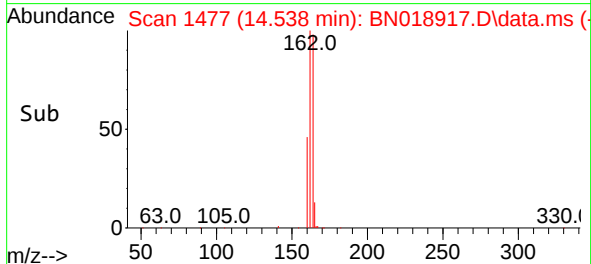
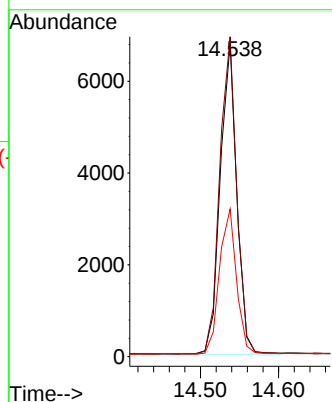
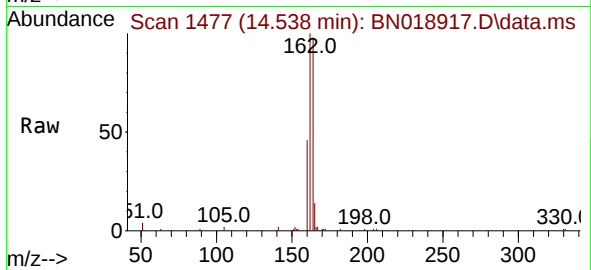




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.538 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

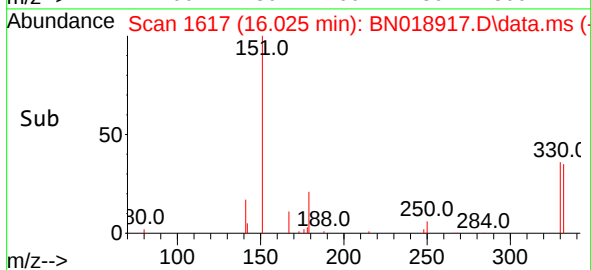
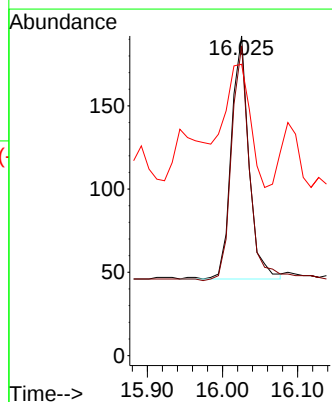
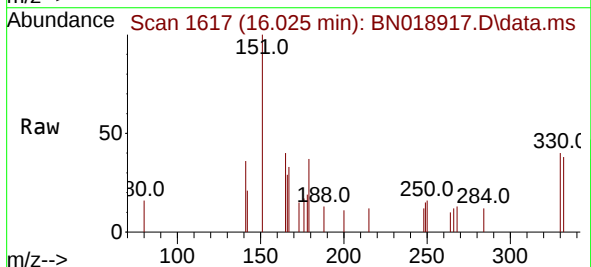
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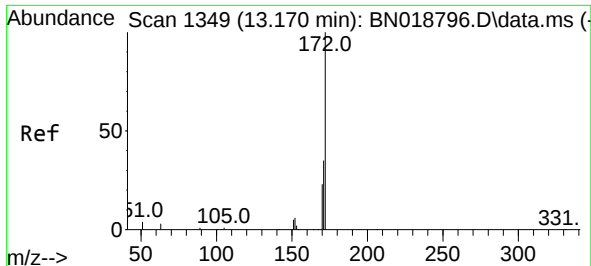
Tgt Ion:164 Resp: 9937
Ion Ratio Lower Upper
164 100
162 102.1 85.2 127.8
160 47.2 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.052 ng
RT: 16.025 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

Tgt Ion:330 Resp: 238
Ion Ratio Lower Upper
330 100
332 102.1 76.8 115.2
141 73.5 32.2 48.2#

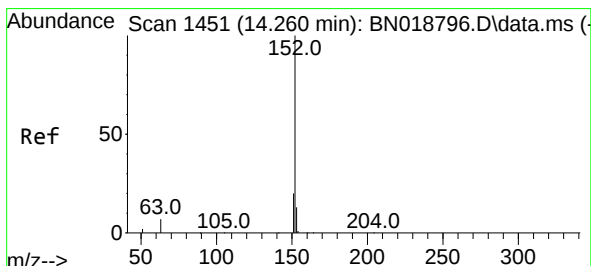
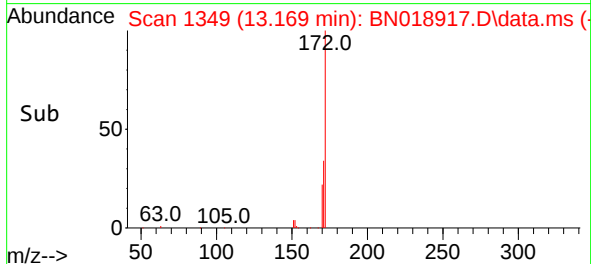
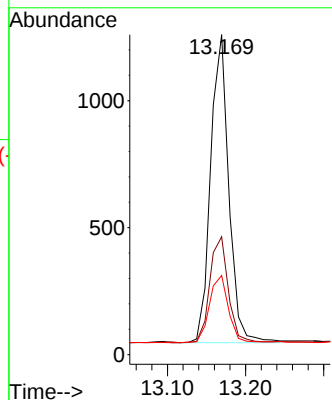
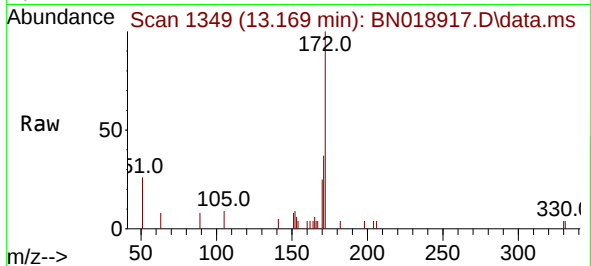




#15
2-Fluorobiphenyl
Concen: 0.046 ng
RT: 13.169 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

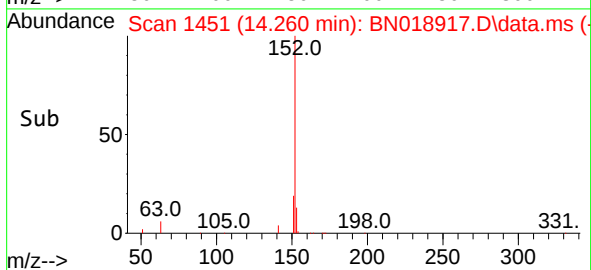
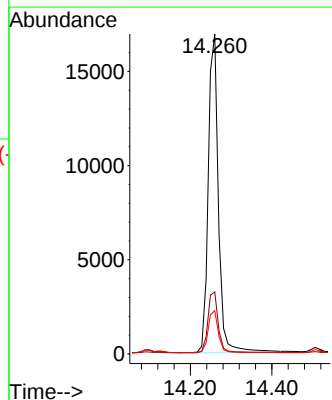
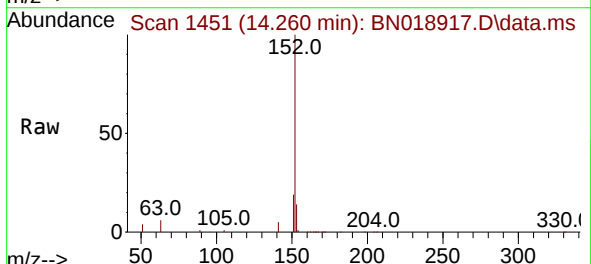
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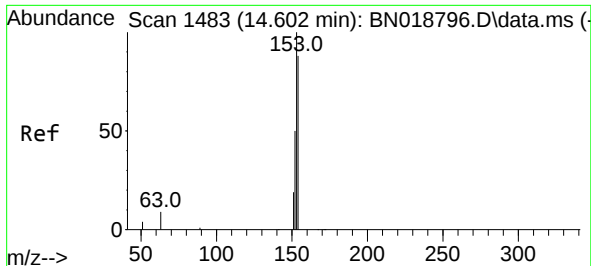
Tgt Ion:	172	Resp:	1962
Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.2	42.2
170	24.8	18.7	28.1



#16
Acenaphthylene
Concen: 0.651 ng
RT: 14.260 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

Tgt Ion:	152	Resp:	29495
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.3	10.6	15.8

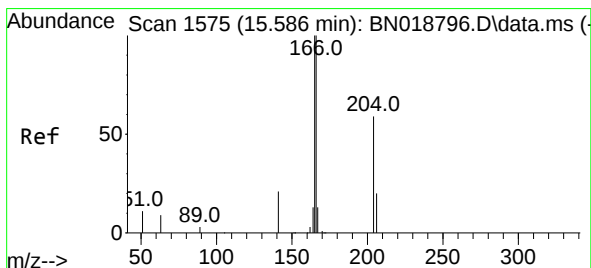
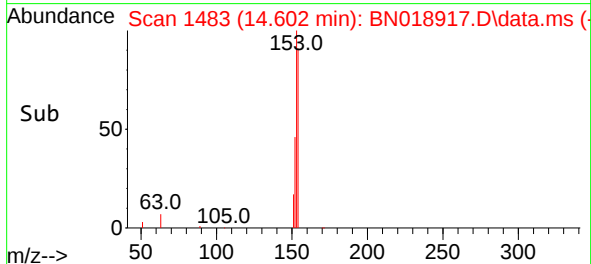
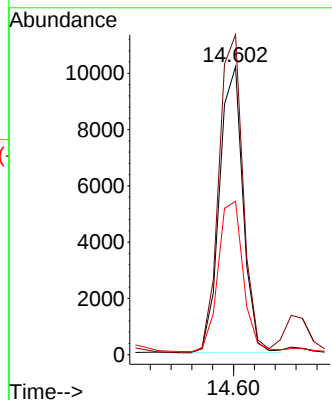
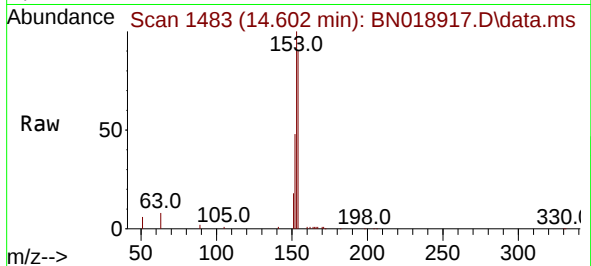




#17
Acenaphthene
Concen: 0.496 ng
RT: 14.602 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

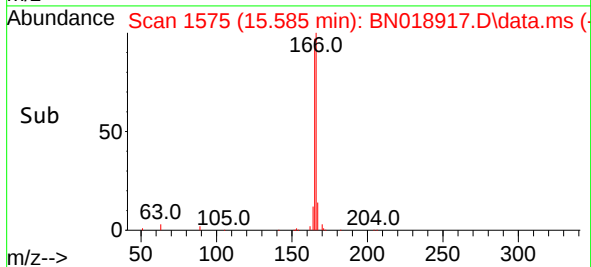
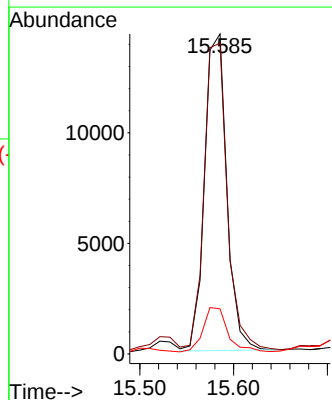
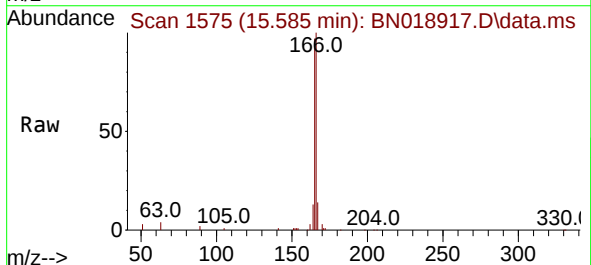
Instrument :
BNA_N
ClientSampleId :
V-2-0309-2ADL

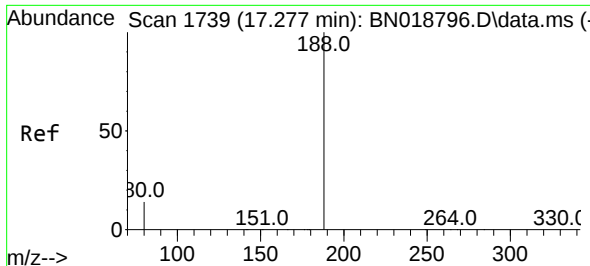
Tgt Ion:154 Resp: 15949
Ion Ratio Lower Upper
154 100
153 113.9 89.7 134.5
152 56.1 44.7 67.1



#18
Fluorene
Concen: 0.562 ng
RT: 15.585 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

Tgt Ion:166 Resp: 23519
Ion Ratio Lower Upper
166 100
165 100.6 79.2 118.8
167 15.4 10.7 16.1

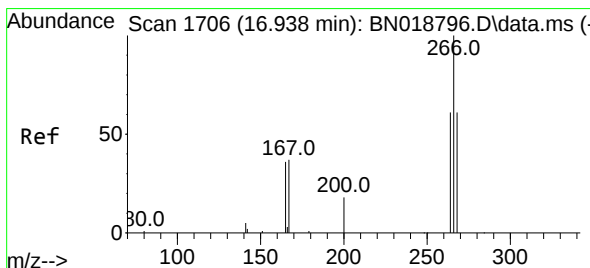
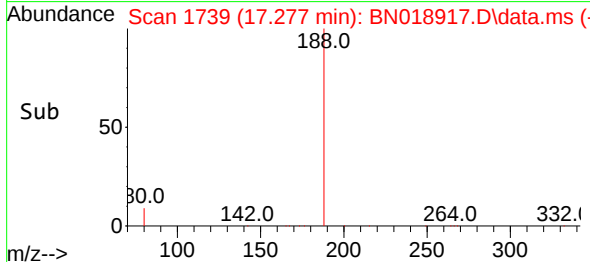
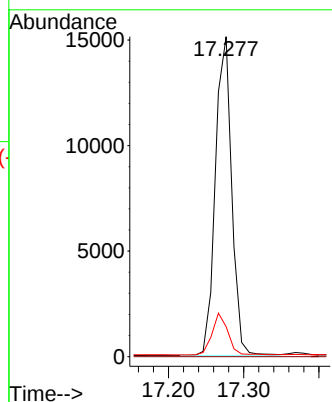
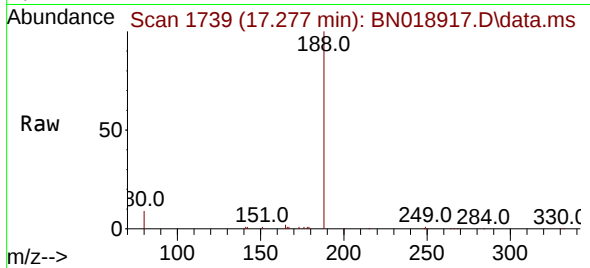




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.277 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

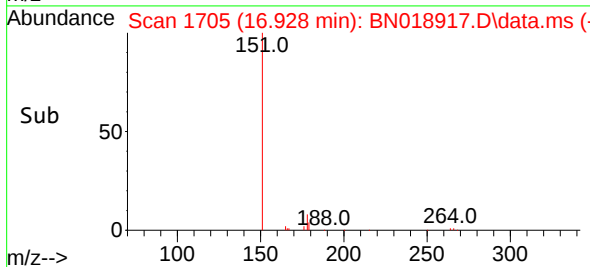
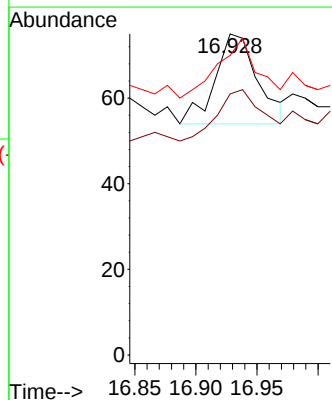
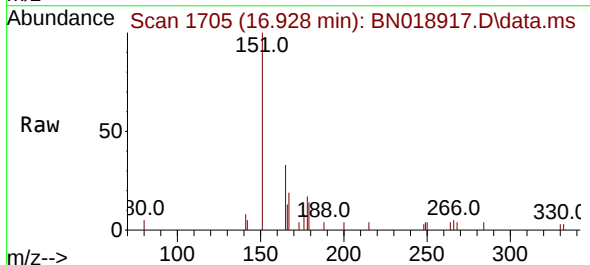
Instrument :
BNA_N
ClientSampleId :
V-2-0309-2ADL

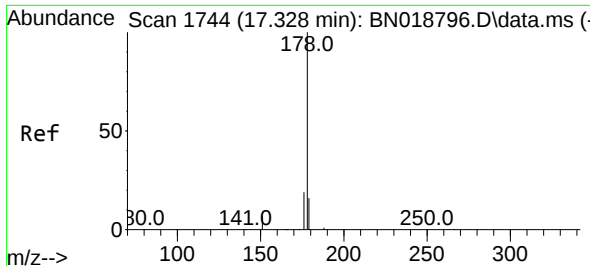
Tgt Ion:188 Resp: 22709
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 11.8 17.8#



#24
Pentachlorophenol
Concen: 0.224 ng
RT: 16.928 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

Tgt Ion:266 Resp: 51
Ion Ratio Lower Upper
266 100
264 60.8 50.2 75.4
268 60.8 51.9 77.9

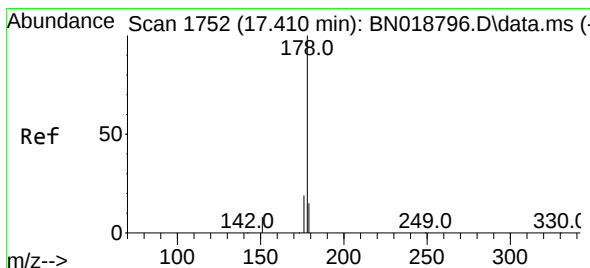
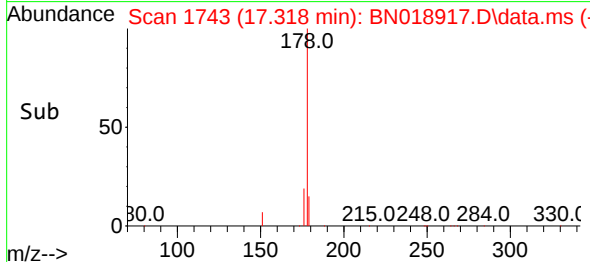
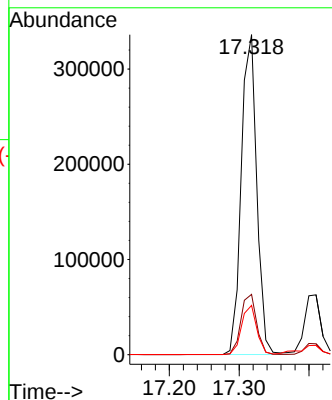
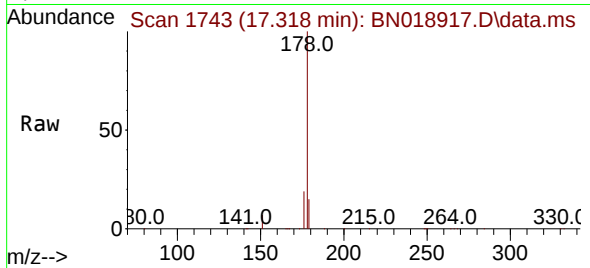




#25
Phenanthrene
Concen: 6.828 ng
RT: 17.318 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

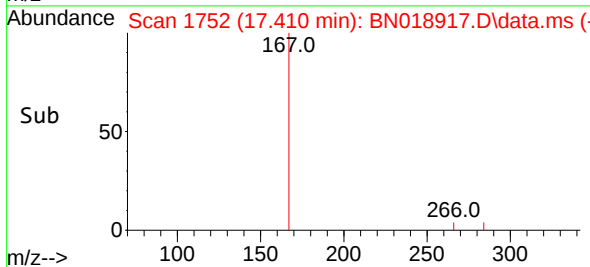
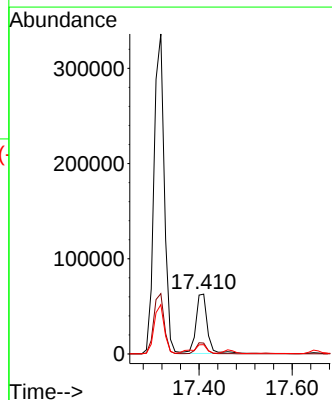
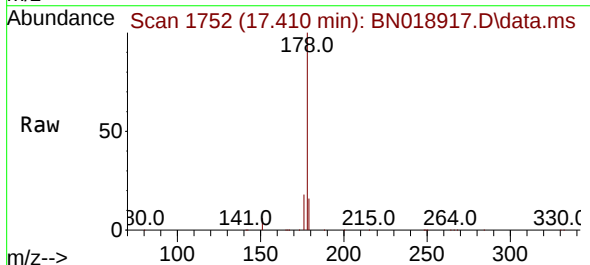
Instrument :
BNA_N
ClientSampleId :
V-2-0309-2ADL

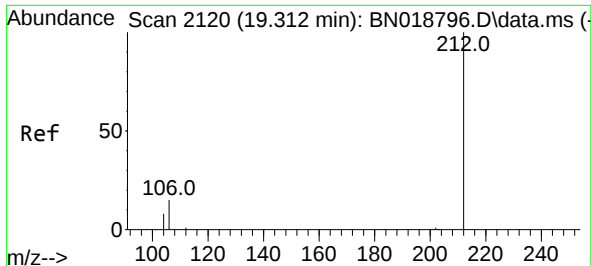
Tgt Ion:178 Resp: 514883
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.2 12.2 18.2



#26
Anthracene
Concen: 1.699 ng
RT: 17.410 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

Tgt Ion:178 Resp: 107915
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 18.1 12.2 18.4

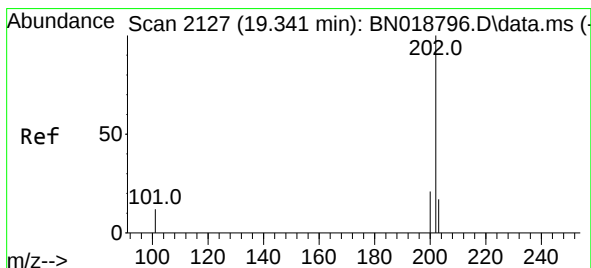
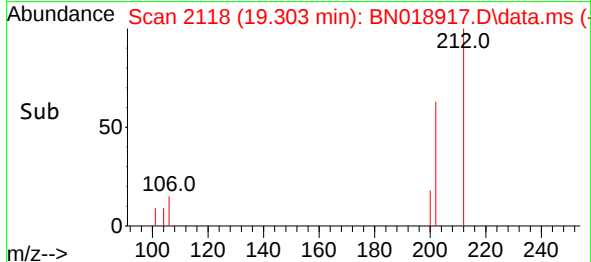
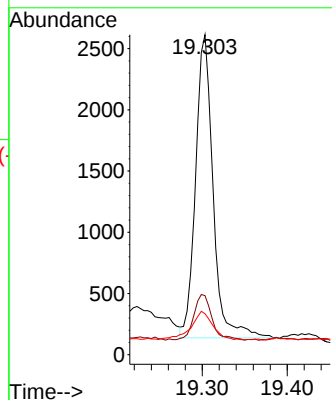
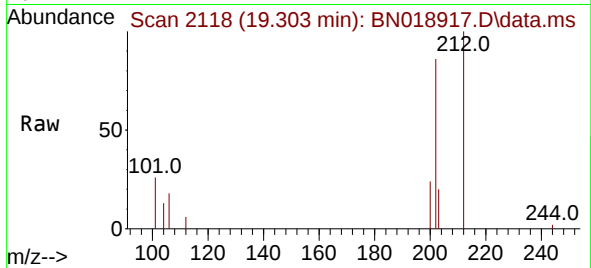




#27
Fluoranthene-d10
Concen: 0.053 ng
RT: 19.303 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

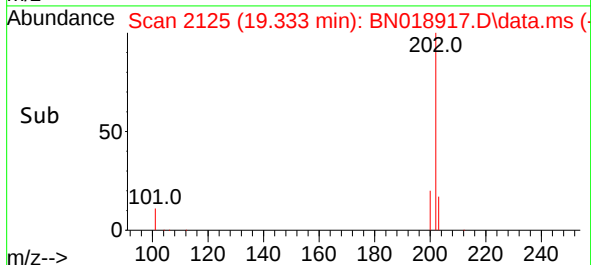
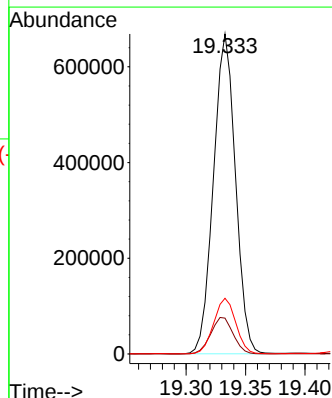
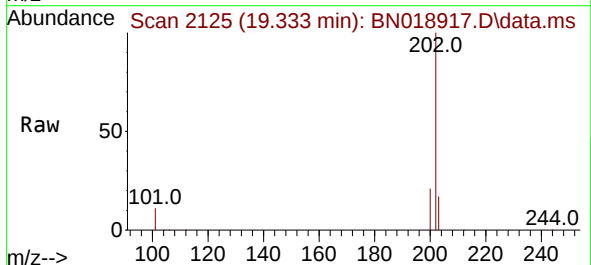
Instrument :
BNA_N
ClientSampleId :
V-2-0309-2ADL

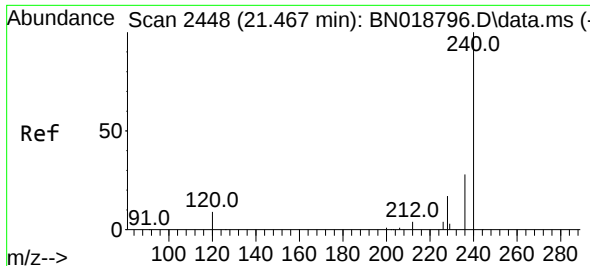
Tgt Ion:212 Resp: 3540
Ion Ratio Lower Upper
212 100
106 15.5 12.7 19.1
104 11.7 7.1 10.7#



#28
Fluoranthene
Concen: 10.058 ng
RT: 19.333 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

Tgt Ion:202 Resp: 861974
Ion Ratio Lower Upper
202 100
101 11.6 9.8 14.6
203 17.4 13.7 20.5

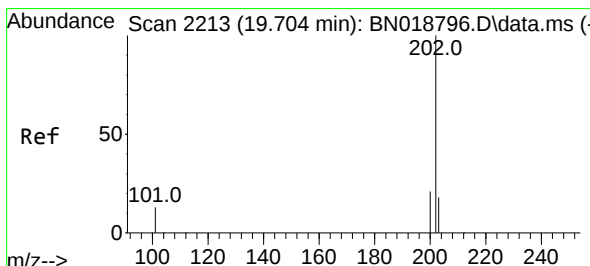
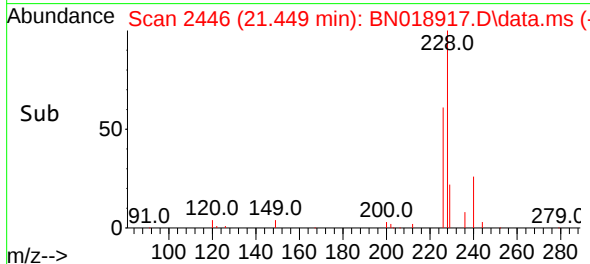
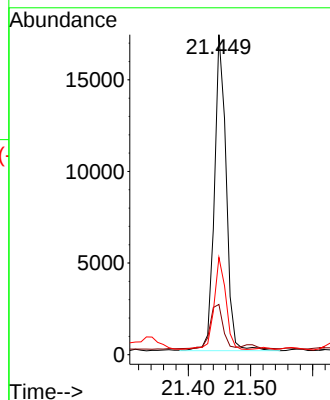
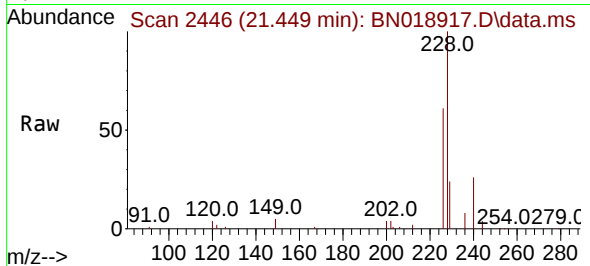




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.449 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

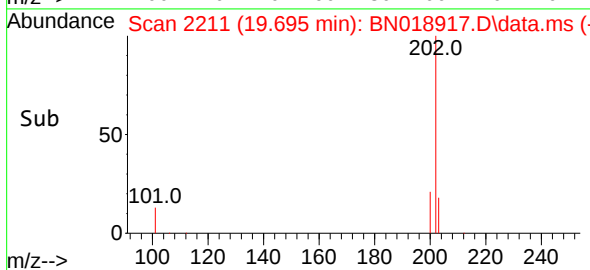
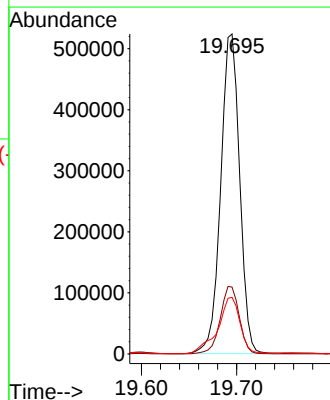
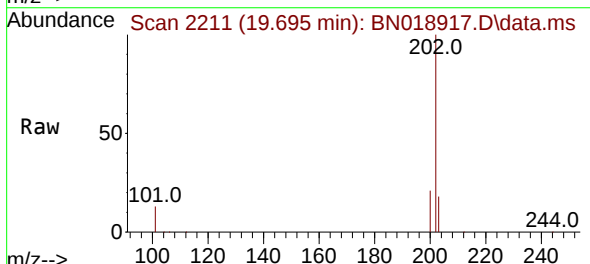
Instrument :
BNA_N
ClientSampleId :
V-2-0309-2ADL

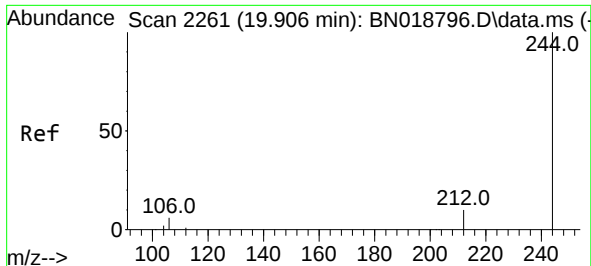
Tgt Ion:240 Resp: 22614
Ion Ratio Lower Upper
240 100
120 15.7 8.5 12.7#
236 30.4 22.4 33.6



#30
Pyrene
Concen: 7.188 ng
RT: 19.695 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

Tgt Ion:202 Resp: 725705
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 20.8 14.2 21.2

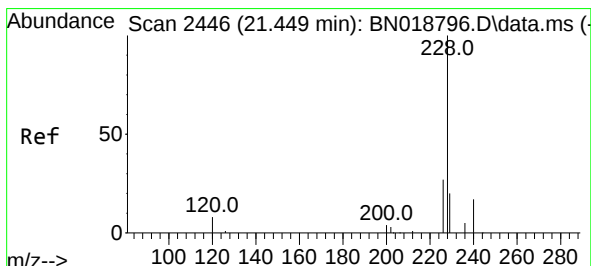
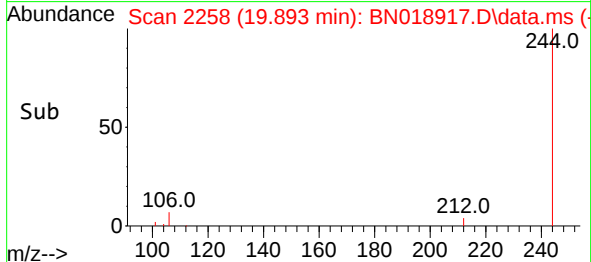
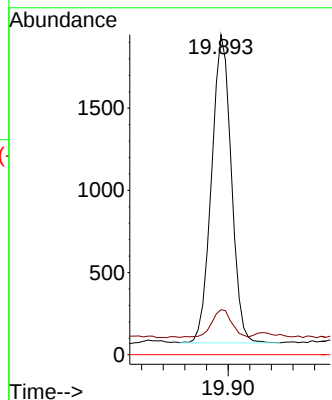
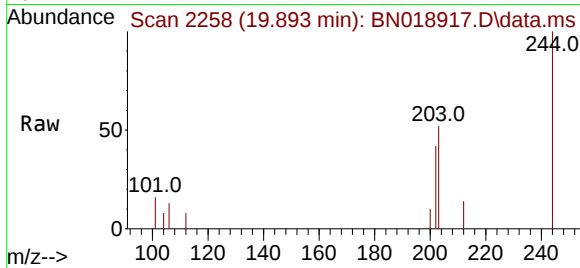




#31
Terphenyl-d14
Concen: 0.049 ng
RT: 19.893 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

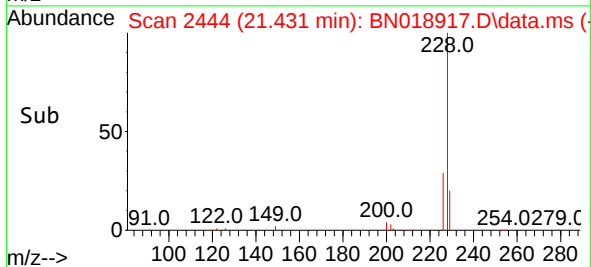
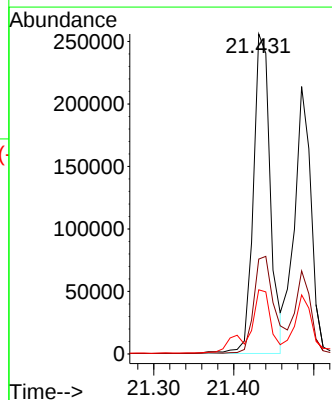
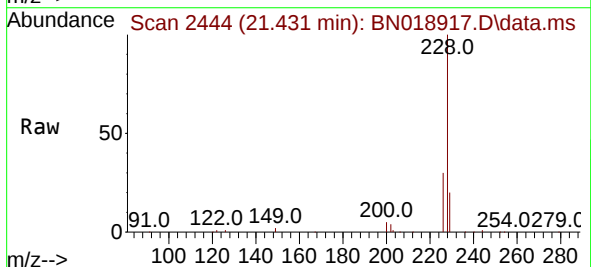
Instrument :
BNA_N
ClientSampleId :
V-2-0309-2ADL

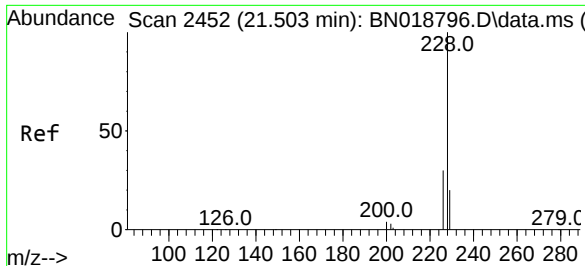
Tgt Ion:244 Resp: 2377
Ion Ratio Lower Upper
244 100
212 14.1 8.2 12.4#
122 0.0 0.0 0.0



#32
Benzo(a)anthracene
Concen: 4.453 ng
RT: 21.431 min Scan# 2444
Delta R.T. -0.009 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

Tgt Ion:228 Resp: 378224
Ion Ratio Lower Upper
228 100
226 29.6 21.9 32.9
229 20.1 16.0 24.0





#33

Chrysene

Concen: 3.302 ng

RT: 21.485 min Scan# 2452

Delta R.T. -0.000 min

Lab File: BN018917.D

Acq: 10 Mar 2022 23:48

Instrument :

BNA_N

ClientSampleId :

V-2-0309-2ADL

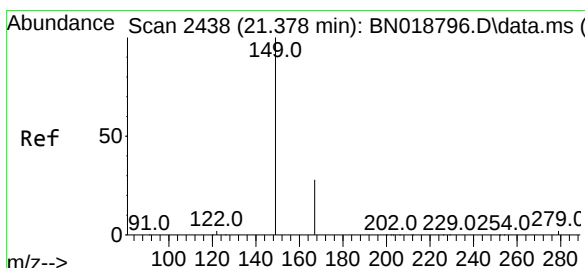
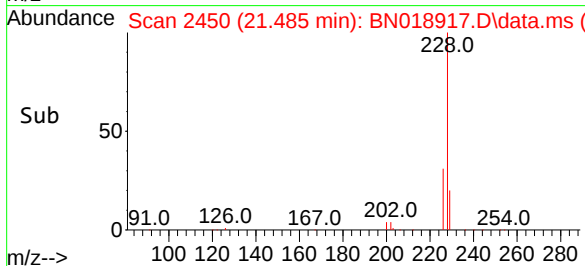
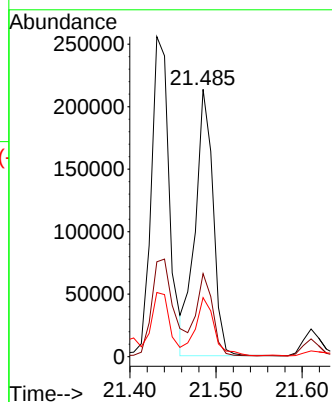
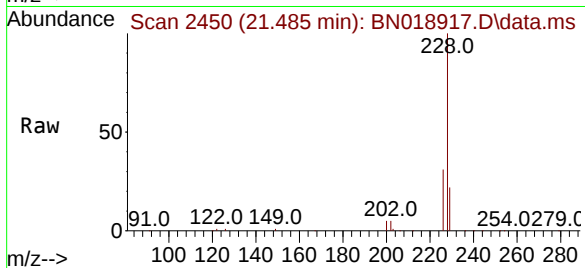
Tgt Ion:228 Resp: 308181

Ion Ratio Lower Upper

228 100

226 31.1 24.0 36.0

229 22.1 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.135 ng

RT: 21.368 min Scan# 2437

Delta R.T. -0.000 min

Lab File: BN018917.D

Acq: 10 Mar 2022 23:48

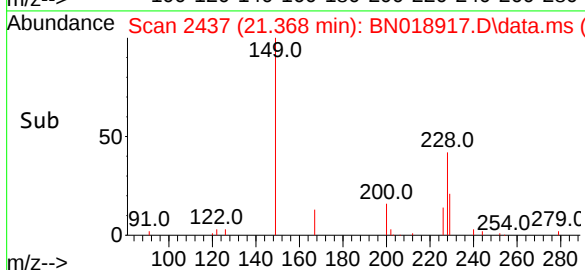
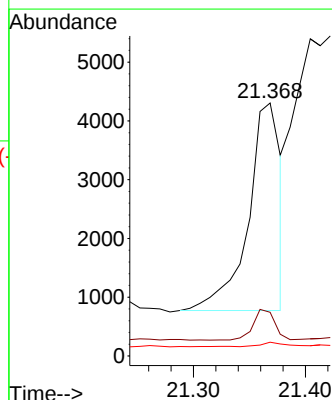
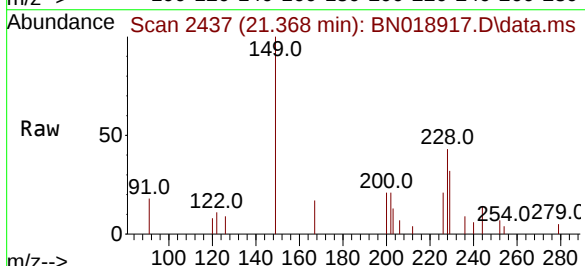
Tgt Ion:149 Resp: 7099

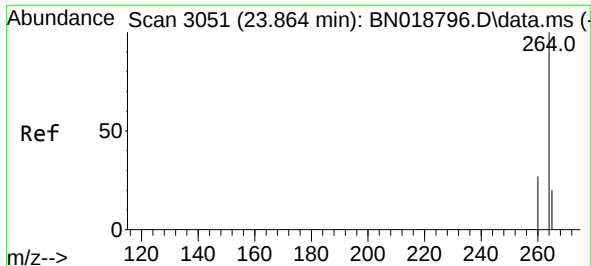
Ion Ratio Lower Upper

149 100

167 10.0 21.8 32.8#

279 1.8 2.0 3.0#



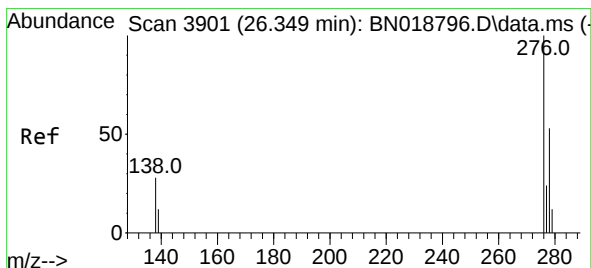
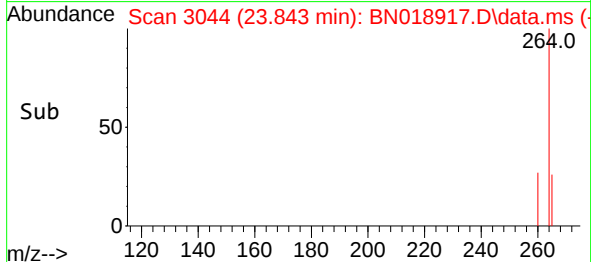
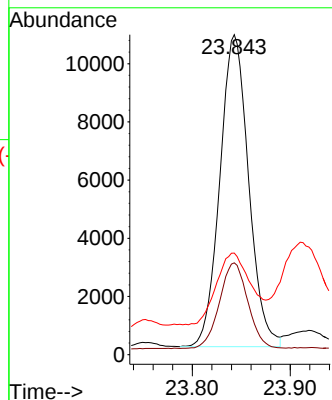
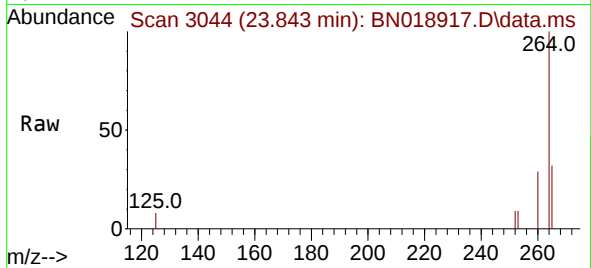


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.843 min Scan# 3044
Delta R.T. -0.000 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

Instrument :
BNA_N
ClientSampleId :
V-2-0309-2ADL

Tgt Ion:264 Resp: 21871

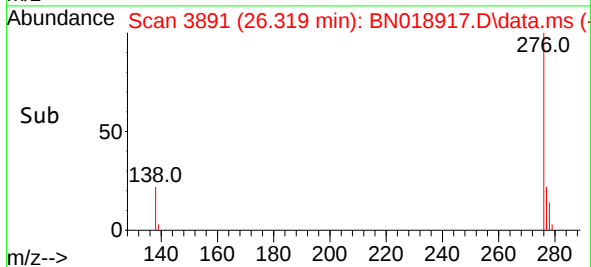
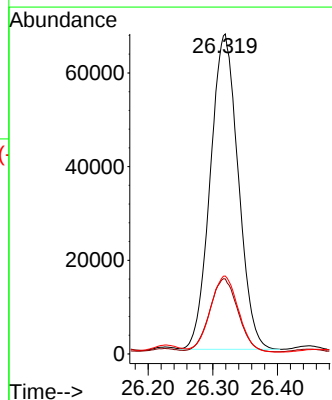
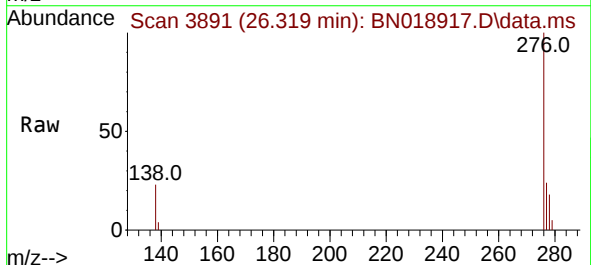
Ion	Ratio	Lower	Upper
264	100		
260	28.7	22.4	33.6
265	31.8	25.3	37.9

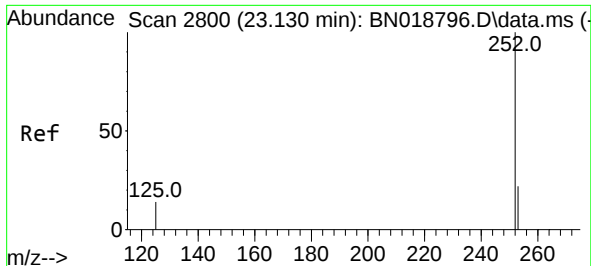


#36
Indeno(1,2,3-cd)pyrene
Concen: 2.050 ng
RT: 26.319 min Scan# 3891
Delta R.T. -0.000 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

Tgt Ion:276 Resp: 201503

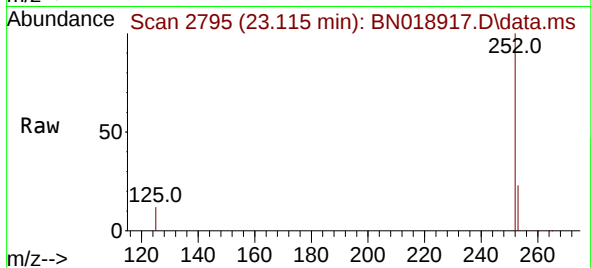
Ion	Ratio	Lower	Upper
276	100		
138	23.6	24.5	36.7#
277	24.5	19.8	29.8



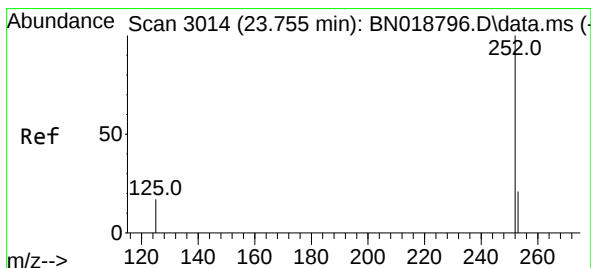
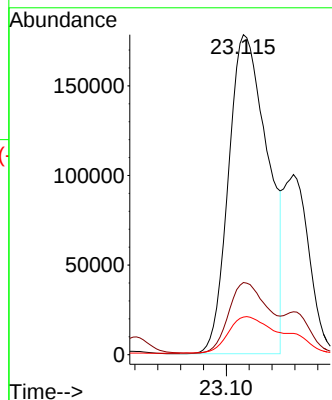
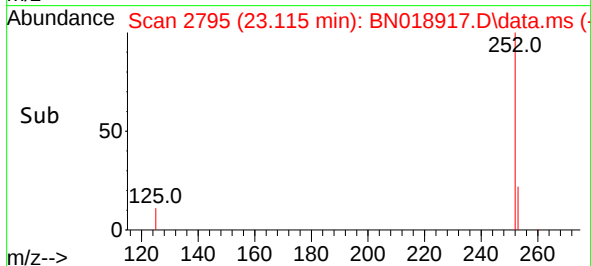


#37
Benzo(b)fluoranthene
Concen: 4.184 ng
RT: 23.115 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

Instrument :
BNA_N
ClientSampleId :
V-2-0309-2ADL

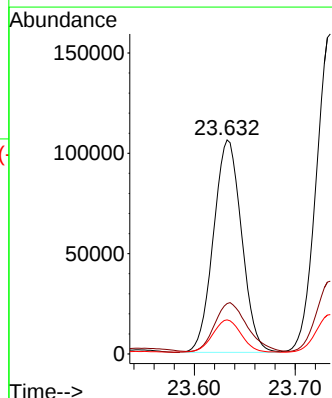
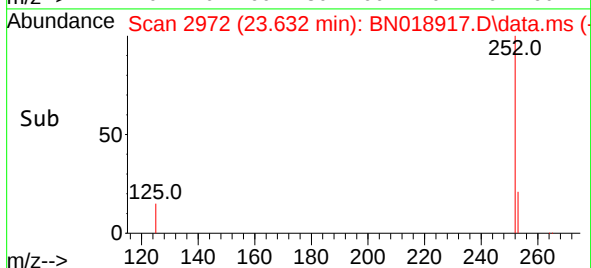
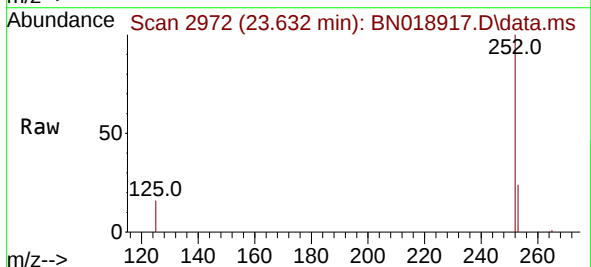


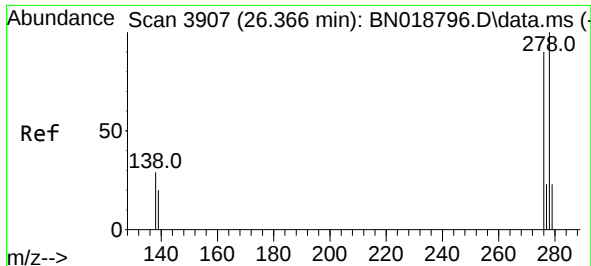
Tgt Ion:252 Resp: 425937
Ion Ratio Lower Upper
252 100
253 22.6 18.9 28.3
125 11.8 12.1 18.1#



#39
Benzo(a)pyrene
Concen: 2.623 ng
RT: 23.632 min Scan# 2972
Delta R.T. -0.105 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

Tgt Ion:252 Resp: 205202
Ion Ratio Lower Upper
252 100
253 23.6 20.1 30.1
125 15.9 15.2 22.8

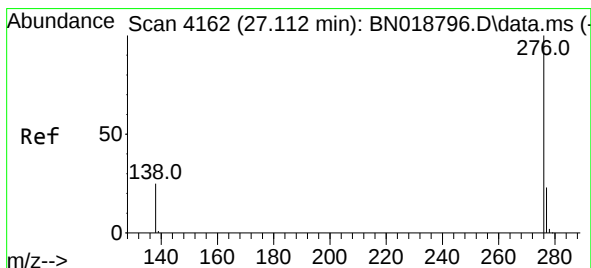
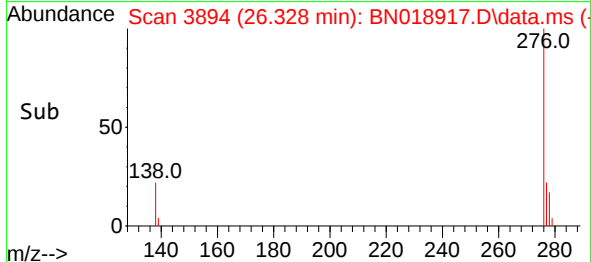
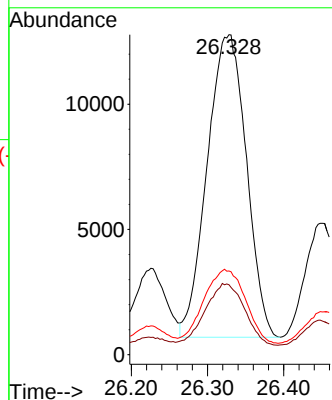
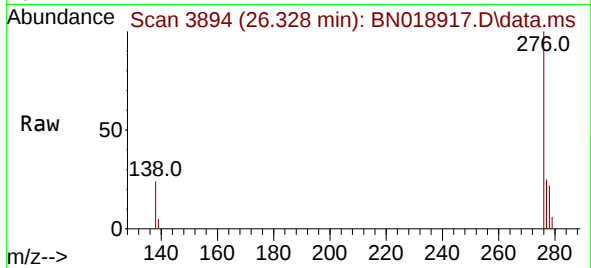




#40
Dibenzo(a,h)anthracene
Concen: 0.573 ng
RT: 26.328 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

Instrument :
BNA_N
ClientSampleId :
V-2-0309-2ADL

Tgt Ion:278 Resp: 43140
Ion Ratio Lower Upper
278 100
139 21.9 17.2 25.8
279 26.1 19.9 29.9



#41
Benzo(g,h,i)perylene
Concen: 2.422 ng
RT: 27.082 min Scan# 4152
Delta R.T. -0.000 min
Lab File: BN018917.D
Acq: 10 Mar 2022 23:48

Tgt Ion:276 Resp: 195980
Ion Ratio Lower Upper
276 100
277 23.6 19.4 29.0
138 24.0 21.0 31.6

