

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016071.D
 Acq On : 26 Aug 2021 13:12
 Operator : CG/JU
 Sample : PB138487BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS487

Quant Time: Aug 26 13:44:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 26 11:35:43 2021
 Response via : Initial Calibration

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

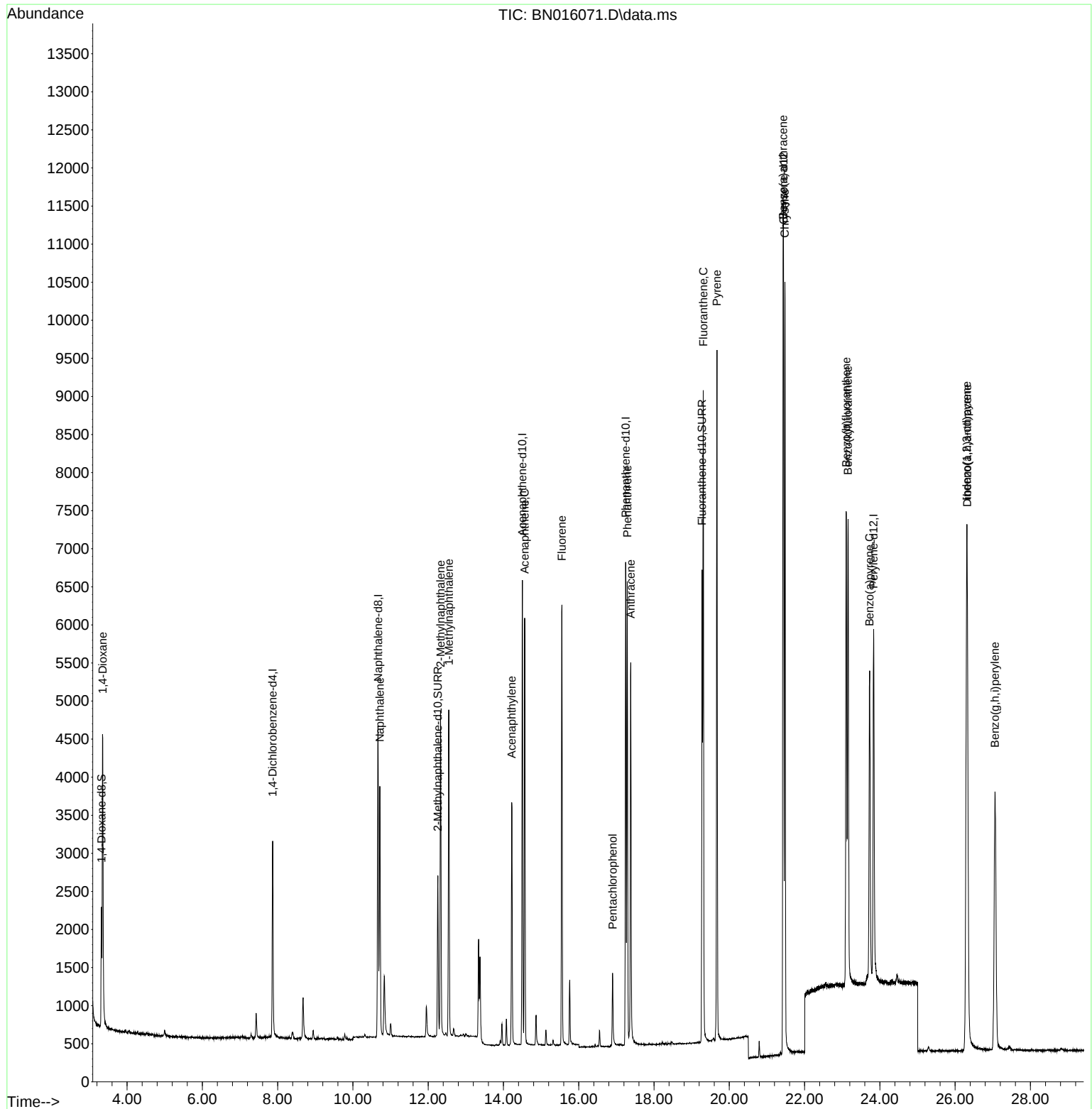
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	1381	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	5938	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.502	164	3552	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	7733	0.400	ng/ul	0.00
17) Chrysene-d12	21.442	240	7905	0.400	ng/ul	0.01
23) Perylene-d12	23.833	264	6841	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1123	0.600	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	2957	0.331	ng/ul	0.00
18) Fluoranthene-d10	19.276	212	7519	0.353	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	2867	1.517	ng/ul#	86
5) Naphthalene	10.716	128	4806	0.313	ng/ul	98
7) 2-Methylnaphthalene	12.327	142	3263	0.315	ng/ul	99
8) 1-Methylnaphthalene	12.547	142	3066	0.302	ng/ul	98
10) Acenaphthylene	14.219	152	3976	0.317	ng/ul	99
11) Acenaphthene	14.562	153	3383	0.313	ng/ul	97
12) Fluorene	15.552	166	3966	0.309	ng/ul	100
14) Pentachlorophenol	16.900	266	759	0.469	ng/ul	98
15) Phenanthrene	17.289	178	6785	0.318	ng/ul	99
16) Anthracene	17.381	178	5848	0.318	ng/ul	100
19) Fluoranthene	19.308	202	8054	0.326	ng/ul	99
20) Pyrene	19.671	202	8153	0.328	ng/ul	99
21) Benzo(a)anthracene	21.427	228	8103	0.329	ng/ul	99
22) Chrysene	21.477	228	9107	0.344	ng/ul	99
24) Benzo(b)fluoranthene	23.105	252	8857	0.347	ng/ul	99
25) Benzo(k)fluoranthene	23.155	252	8901	0.346	ng/ul	99
26) Benzo(a)pyrene	23.728	252	7241	0.337	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.307	276	9802	0.345	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.320	278	8270	0.346	ng/ul	98
29) Benzo(g,h,i)perylene	27.058	276	8360	0.341	ng/ul	99

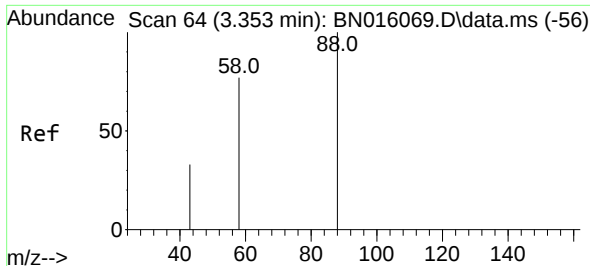
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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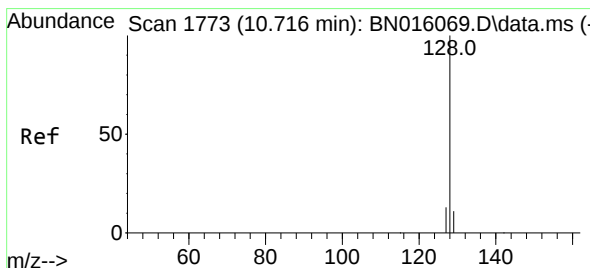
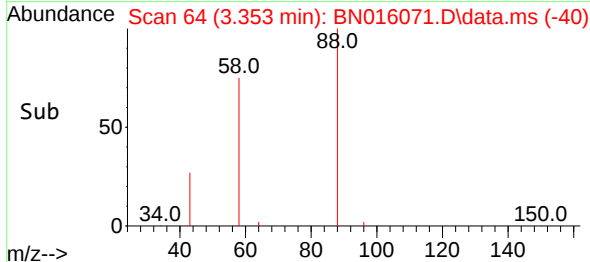
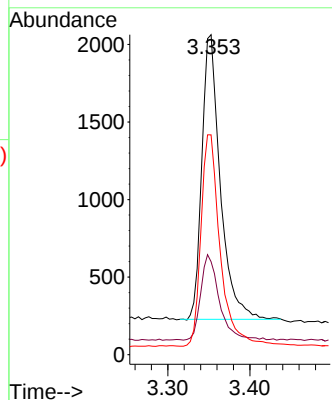
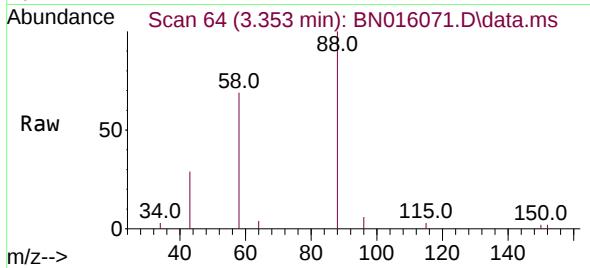




#2
1,4-Dioxane
Concen: 1.517 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN016071.D
Acq: 26 Aug 2021 13:12

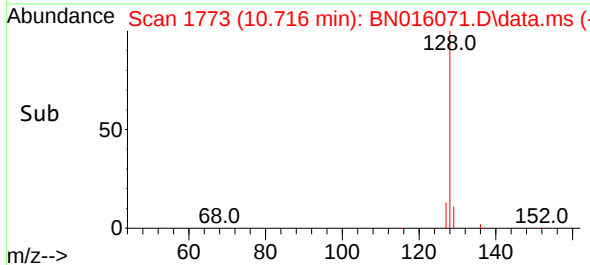
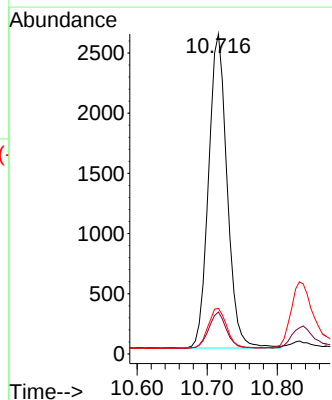
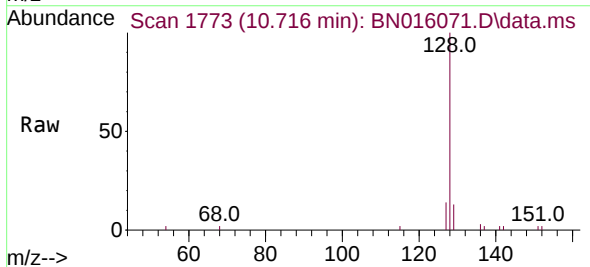
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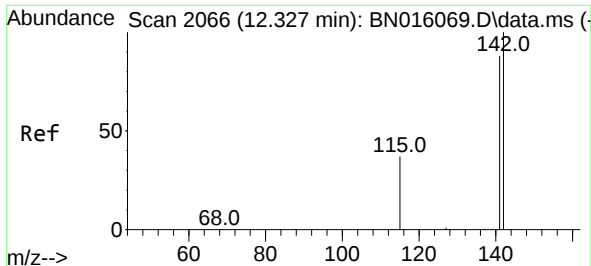
Tgt Ion: 88 Resp: 2867
Ion Ratio Lower Upper
88 100
43 29.0 33.6 50.4#
58 68.7 49.4 74.2



#5
Naphthalene
Concen: 0.313 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BN016071.D
Acq: 26 Aug 2021 13:12

Tgt Ion: 128 Resp: 4806
Ion Ratio Lower Upper
128 100
129 13.1 9.7 14.5
127 14.2 11.1 16.7

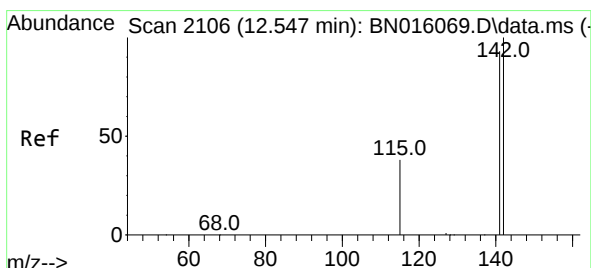
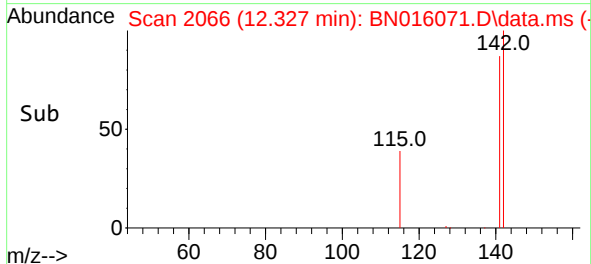
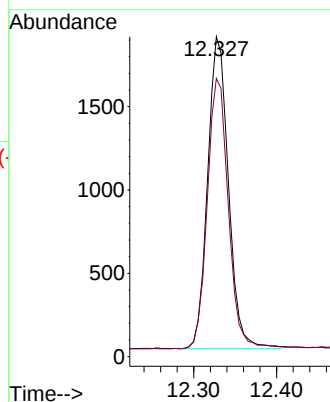
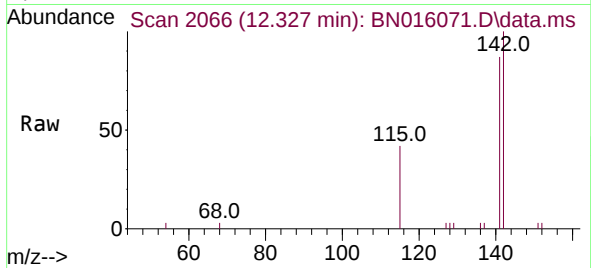




#7
2-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN016071.D
Acq: 26 Aug 2021 13:12

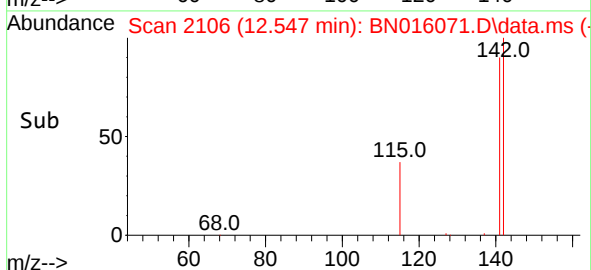
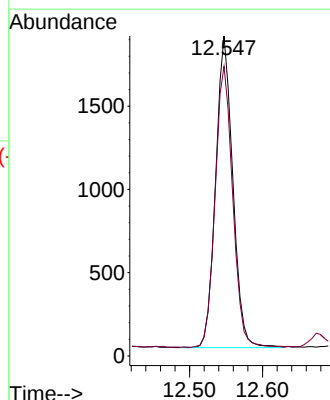
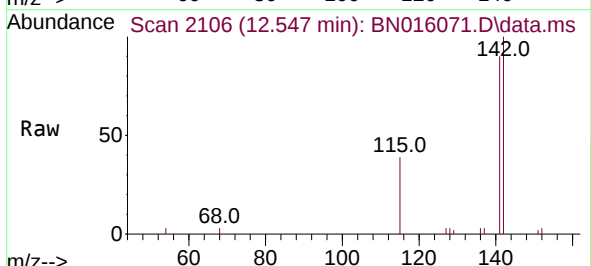
Instrument :
BNA_N
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SLCS487

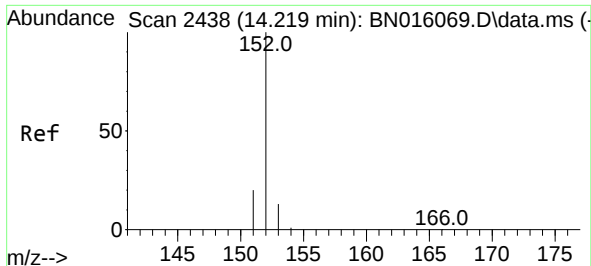
Tgt Ion:142 Resp: 3263
Ion Ratio Lower Upper
142 100
141 87.8 69.8 104.6



#8
1-Methylnaphthalene
Concen: 0.302 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN016071.D
Acq: 26 Aug 2021 13:12

Tgt Ion:142 Resp: 3066
Ion Ratio Lower Upper
142 100
141 92.4 72.8 109.2

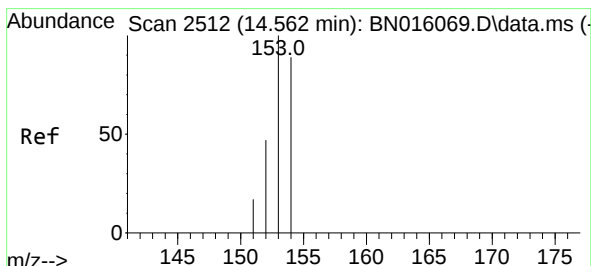
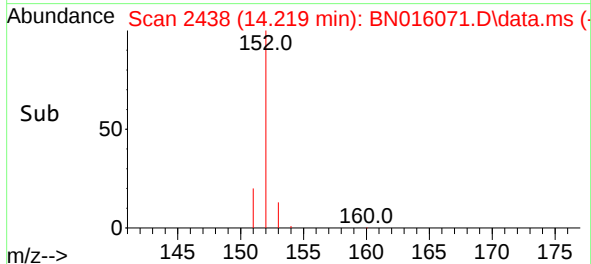
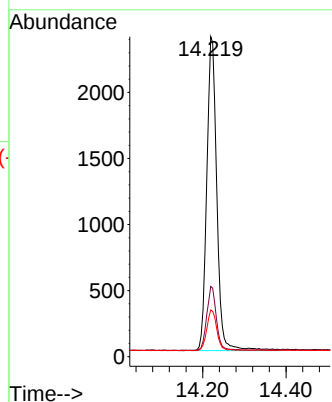
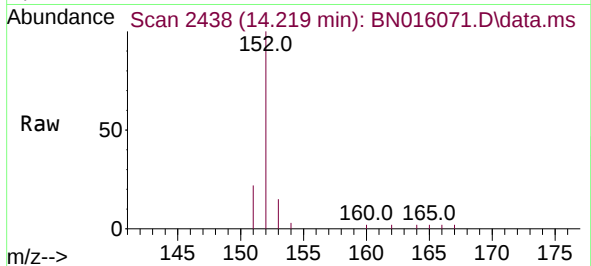




#10
Acenaphthylene
Concen: 0.317 ng/ul
RT: 14.219 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN016071.D
Acq: 26 Aug 2021 13:12

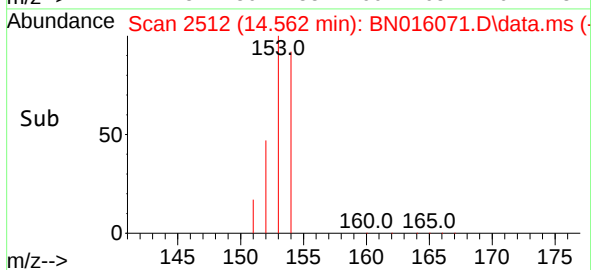
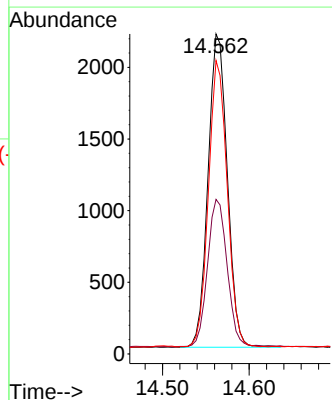
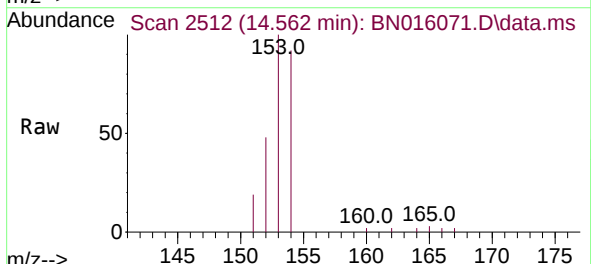
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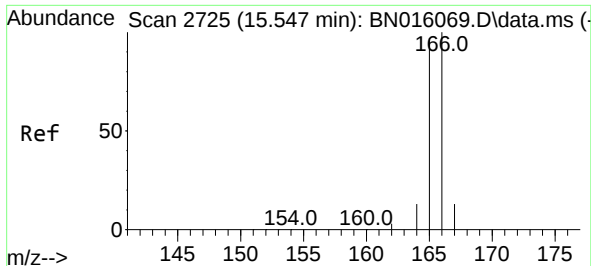
Tgt Ion:152	Resp:	3976
Ion Ratio	Lower	Upper
152	100	
151	22.0	17.0 25.6
153	14.6	11.8 17.6



#11
Acenaphthene
Concen: 0.313 ng/ul
RT: 14.562 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN016071.D
Acq: 26 Aug 2021 13:12

Tgt Ion:153	Resp:	3383
Ion Ratio	Lower	Upper
153	100	
152	48.3	38.3 57.5
154	91.7	70.2 105.2

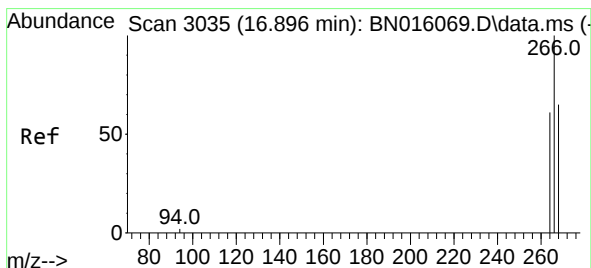
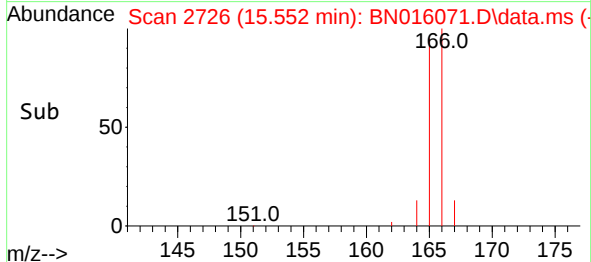
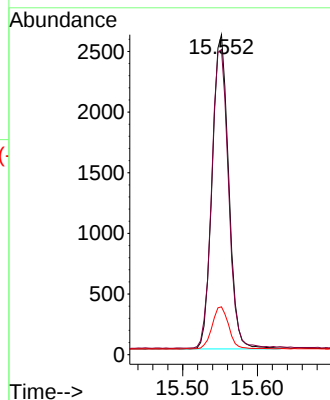
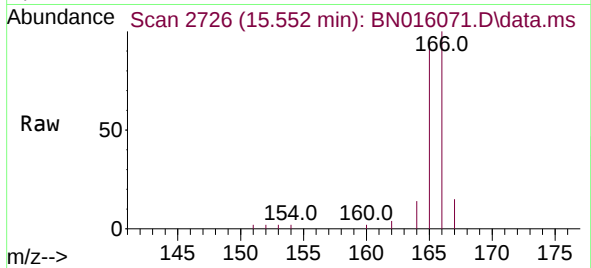




#12
Fluorene
Concen: 0.309 ng/ul
RT: 15.552 min Scan# 2726
Delta R.T. 0.005 min
Lab File: BN016071.D
Acq: 26 Aug 2021 13:12

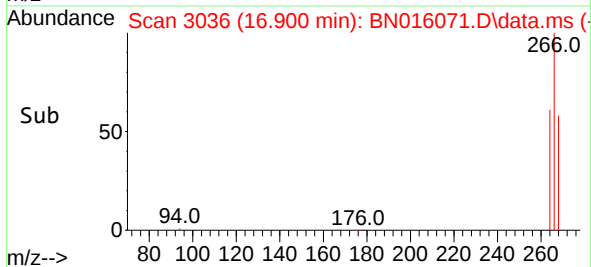
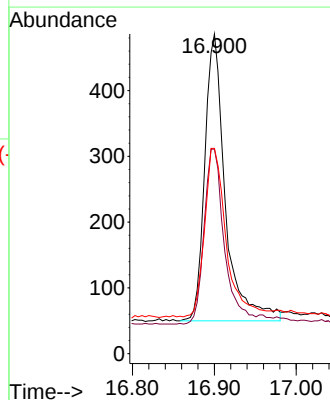
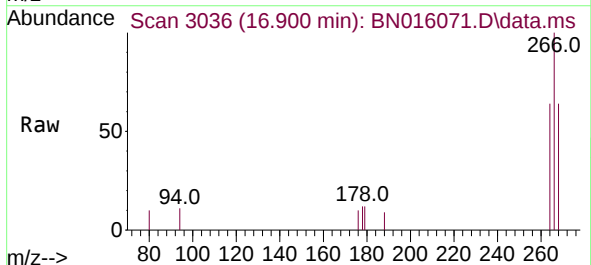
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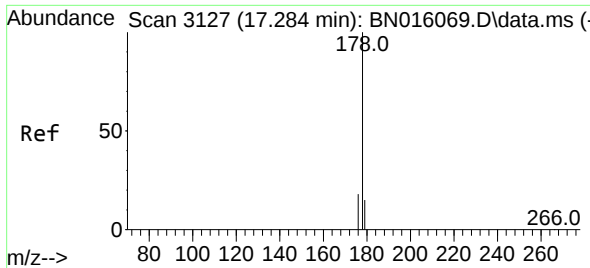
Tgt Ion:166 Resp: 3966
Ion Ratio Lower Upper
166 100
165 95.3 76.2 114.2
167 14.9 11.5 17.3



#14
Pentachlorophenol
Concen: 0.469 ng/ul
RT: 16.900 min Scan# 3036
Delta R.T. 0.004 min
Lab File: BN016071.D
Acq: 26 Aug 2021 13:12

Tgt Ion:266 Resp: 759
Ion Ratio Lower Upper
266 100
264 62.8 50.2 75.2
268 62.5 52.6 79.0

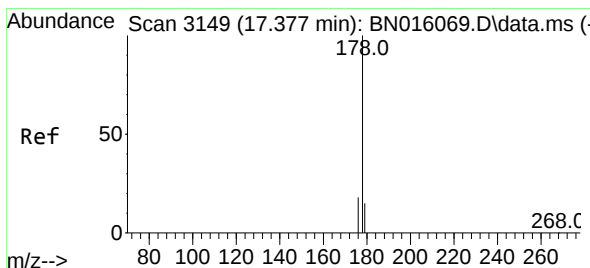
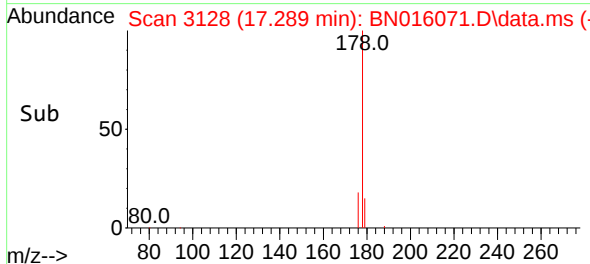
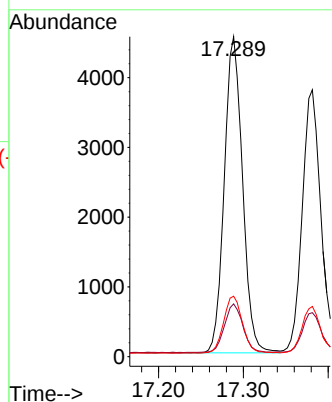
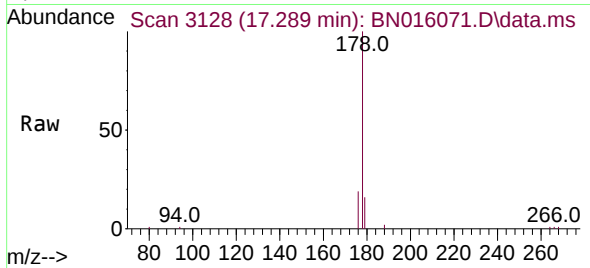




#15
Phenanthrene
Concen: 0.318 ng/ul
RT: 17.289 min Scan# 3128
Delta R.T. 0.004 min
Lab File: BN016071.D
Acq: 26 Aug 2021 13:12

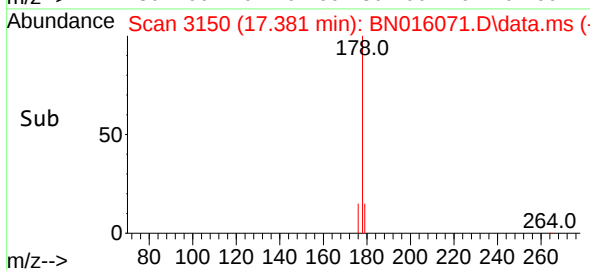
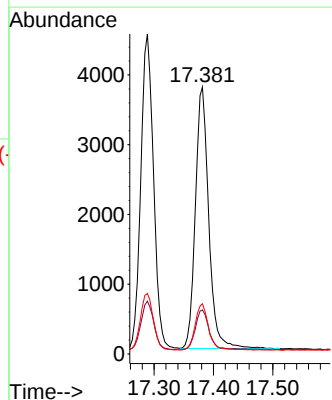
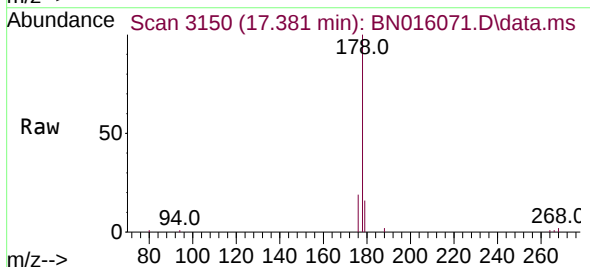
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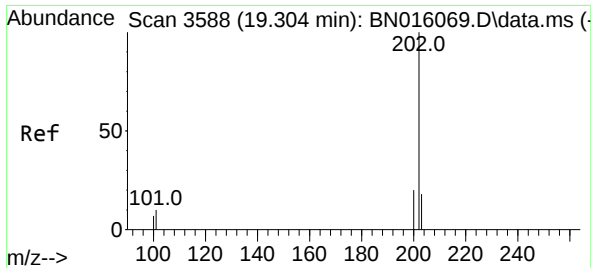
Tgt Ion:	178	Resp:	6785
Ion Ratio	Lower	Upper	
178	100		
179	16.5	13.4	20.2
176	18.9	15.0	22.4



#16
Anthracene
Concen: 0.318 ng/ul
RT: 17.381 min Scan# 3150
Delta R.T. 0.004 min
Lab File: BN016071.D
Acq: 26 Aug 2021 13:12

Tgt Ion:	178	Resp:	5848
Ion Ratio	Lower	Upper	
178	100		
179	16.5	13.4	20.0
176	18.8	14.9	22.3

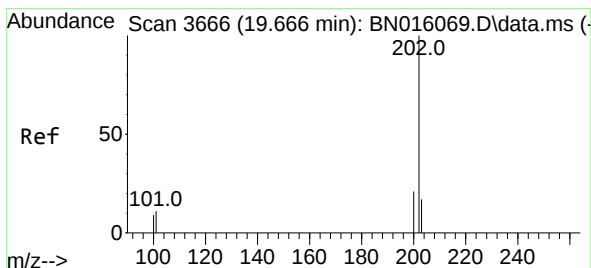
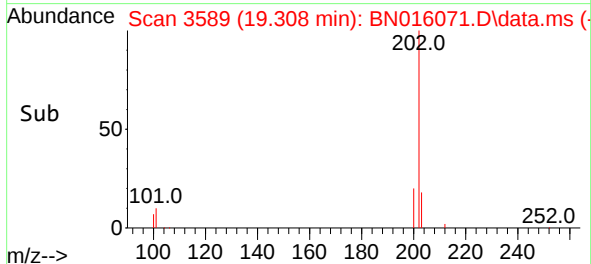
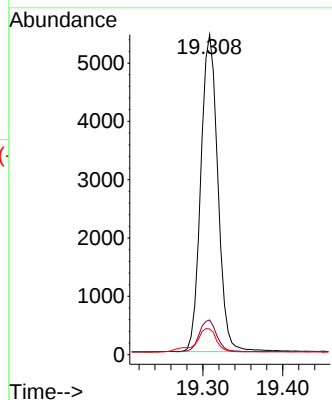
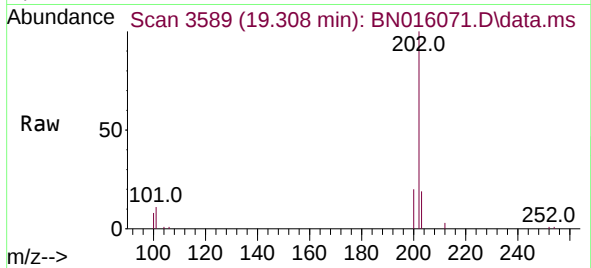




#19
Fluoranthene
Concen: 0.326 ng/ul
RT: 19.308 min Scan# 3589
Delta R.T. 0.005 min
Lab File: BN016071.D
Acq: 26 Aug 2021 13:12

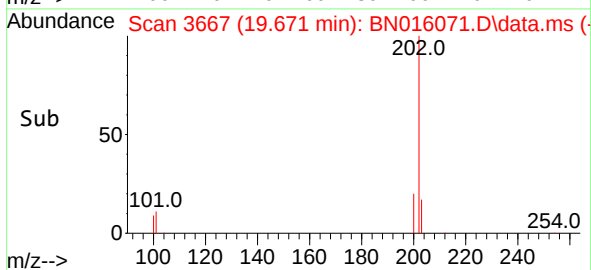
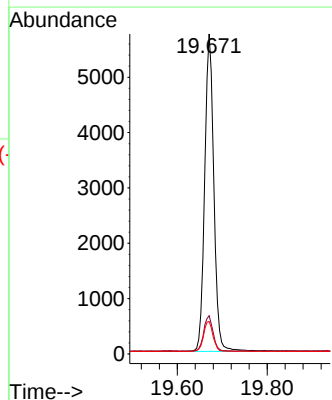
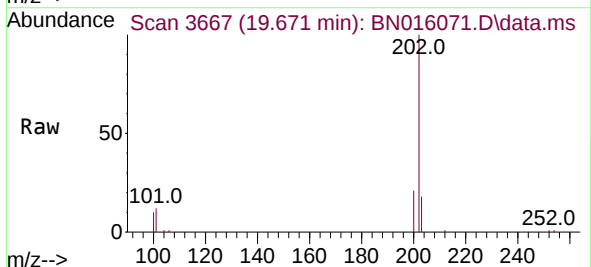
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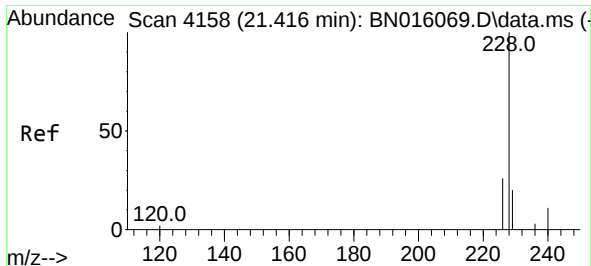
Tgt Ion:202 Resp: 8054
Ion Ratio Lower Upper
202 100
101 10.8 8.3 12.5
100 8.0 6.6 9.8



#20
Pyrene
Concen: 0.328 ng/ul
RT: 19.671 min Scan# 3667
Delta R.T. 0.005 min
Lab File: BN016071.D
Acq: 26 Aug 2021 13:12

Tgt Ion:202 Resp: 8153
Ion Ratio Lower Upper
202 100
101 12.0 10.0 15.0
100 10.2 8.4 12.6

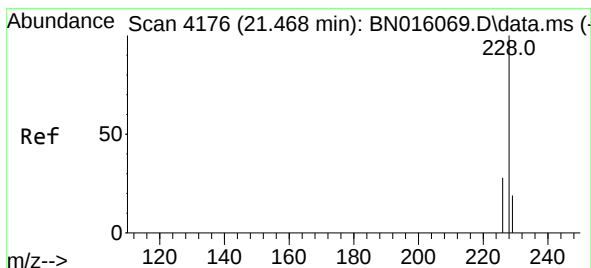
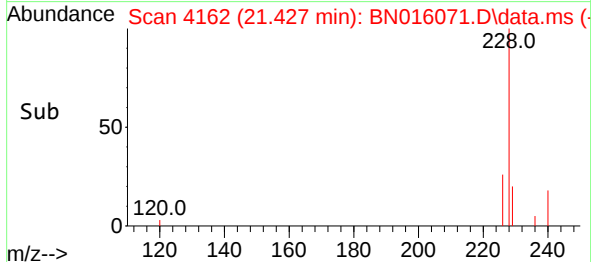
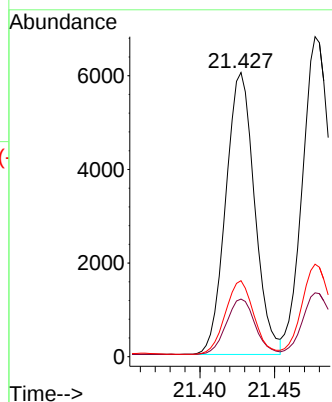
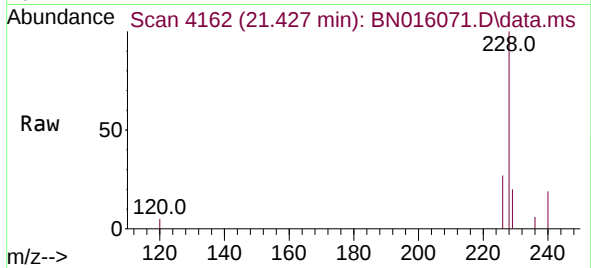




#21
Benzo(a)anthracene
Concen: 0.329 ng/ul
RT: 21.427 min Scan# 4162
Delta R.T. 0.012 min
Lab File: BN016071.D
Acq: 26 Aug 2021 13:12

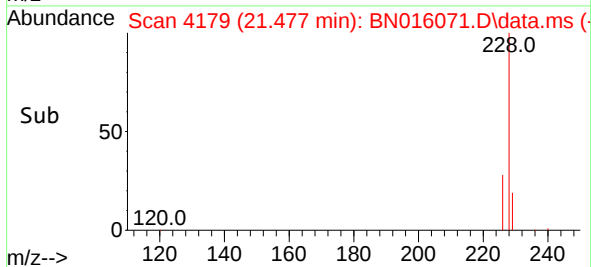
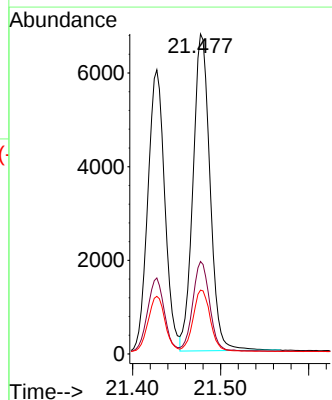
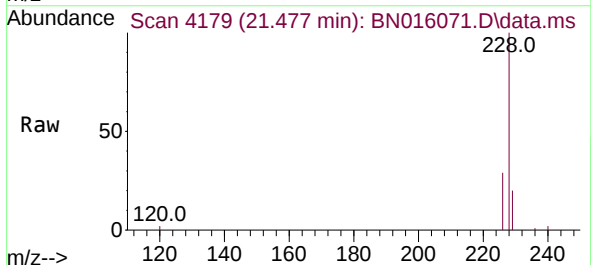
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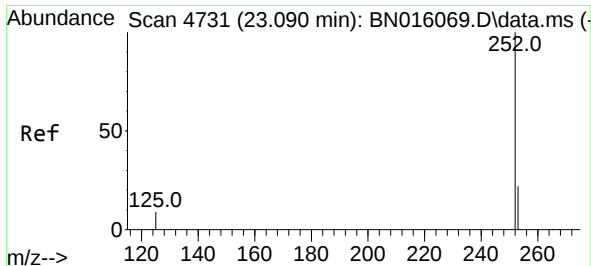
Tgt Ion:228 Resp: 8103
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 26.8 20.6 31.0



#22
Chrysene
Concen: 0.344 ng/ul
RT: 21.477 min Scan# 4179
Delta R.T. 0.009 min
Lab File: BN016071.D
Acq: 26 Aug 2021 13:12

Tgt Ion:228 Resp: 9107
Ion Ratio Lower Upper
228 100
226 28.9 23.4 35.0
229 20.0 16.4 24.6

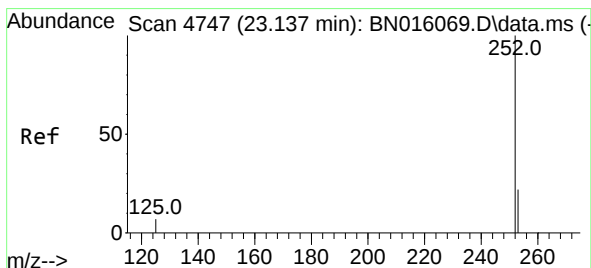
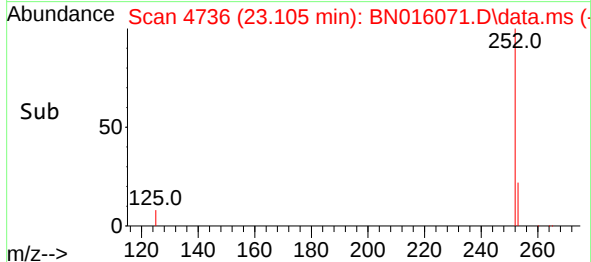
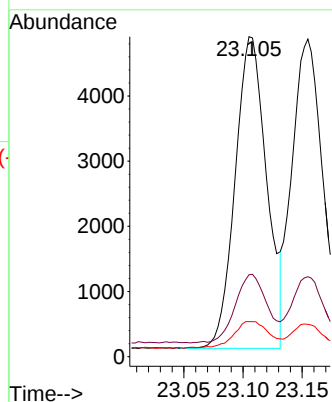
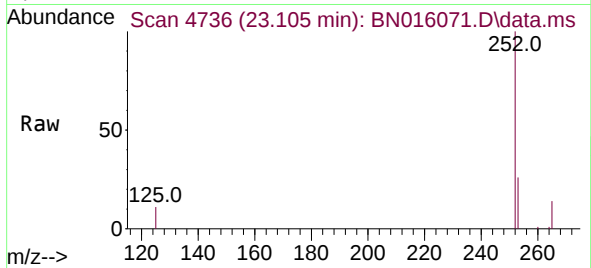




#24
Benzo(b)fluoranthene
Concen: 0.347 ng/ul
RT: 23.105 min Scan# 4736
Delta R.T. 0.015 min
Lab File: BN016071.D
Acq: 26 Aug 2021 13:12

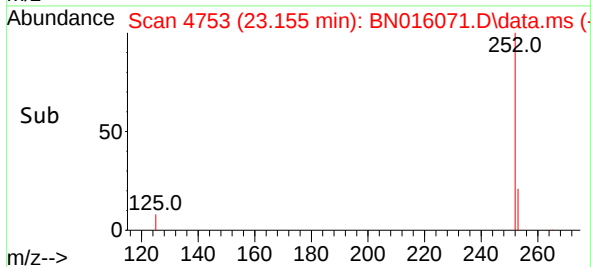
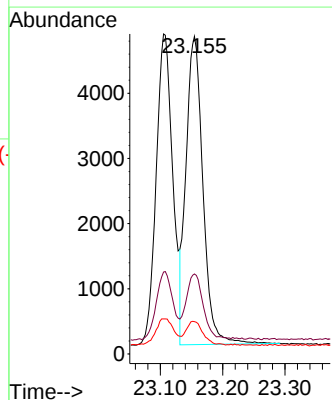
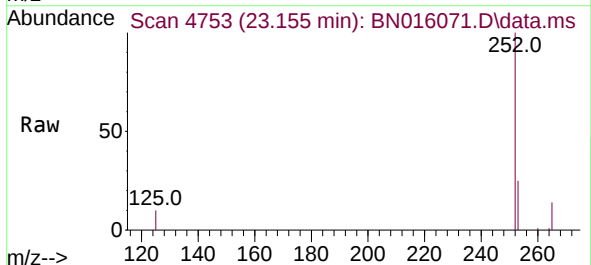
Instrument :
BNA_N
ClientSampleId :
SLCS487

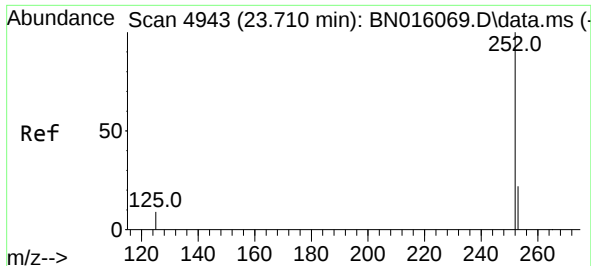
Tgt Ion:252 Resp: 8857
Ion Ratio Lower Upper
252 100
253 25.6 0.0 50.6
125 10.9 0.0 21.6



#25
Benzo(k)fluoranthene
Concen: 0.346 ng/ul
RT: 23.155 min Scan# 4753
Delta R.T. 0.018 min
Lab File: BN016071.D
Acq: 26 Aug 2021 13:12

Tgt Ion:252 Resp: 8901
Ion Ratio Lower Upper
252 100
253 25.2 20.7 31.1
125 10.2 8.2 12.4

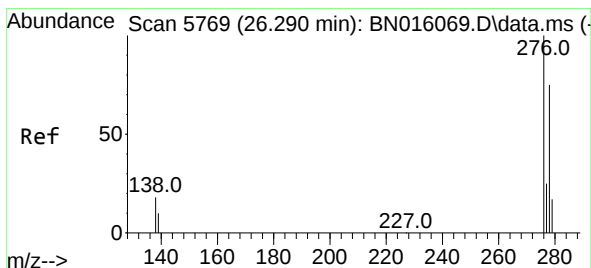
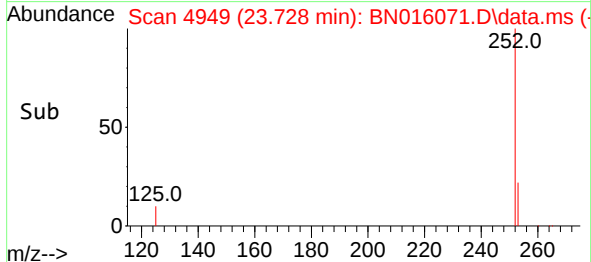
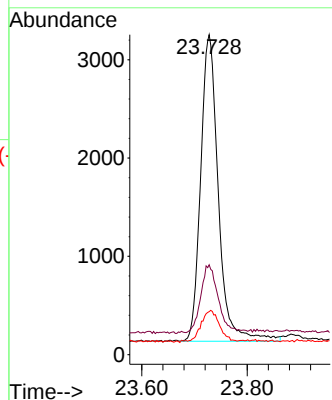
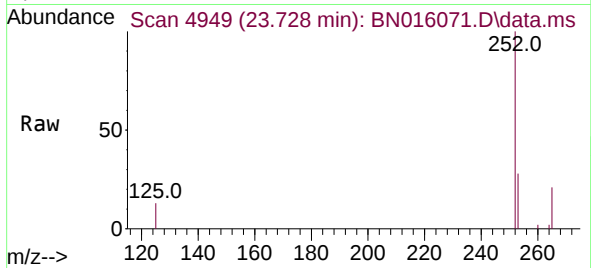




#26
Benzo(a)pyrene
Concen: 0.337 ng/ul
RT: 23.728 min Scan# 4949
Delta R.T. 0.018 min
Lab File: BN016071.D
Acq: 26 Aug 2021 13:12

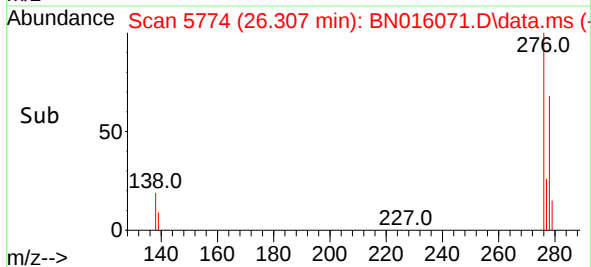
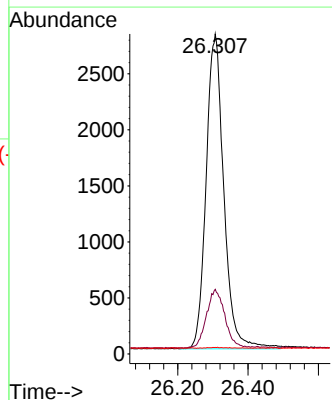
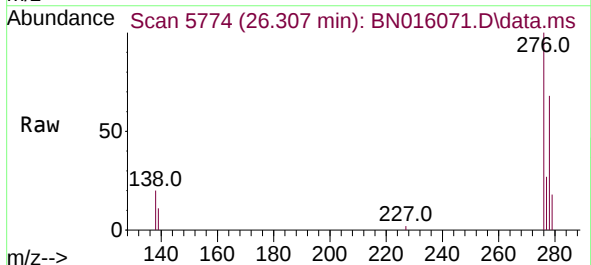
Instrument :
BNA_N
ClientSampleId :
SLCS487

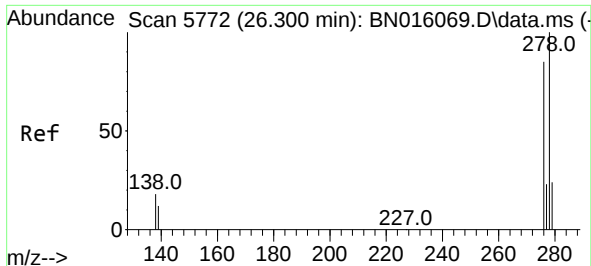
Tgt Ion:252	Resp:	7241
Ion Ratio	Lower	Upper
252	100	
253	28.1	22.1 33.1
125	13.4	10.2 15.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.345 ng/ul
RT: 26.307 min Scan# 5774
Delta R.T. 0.017 min
Lab File: BN016071.D
Acq: 26 Aug 2021 13:12

Tgt Ion:276	Resp:	9802
Ion Ratio	Lower	Upper
276	100	
138	19.4	15.1 22.7
227	0.2	0.1 0.1#

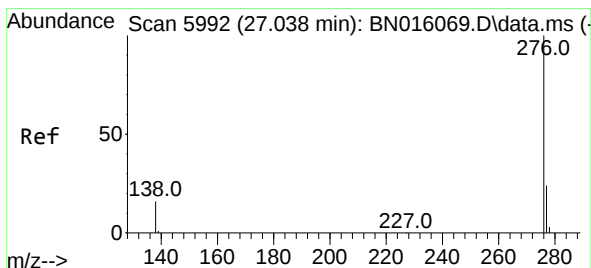
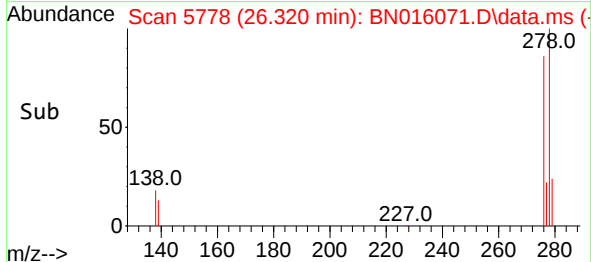
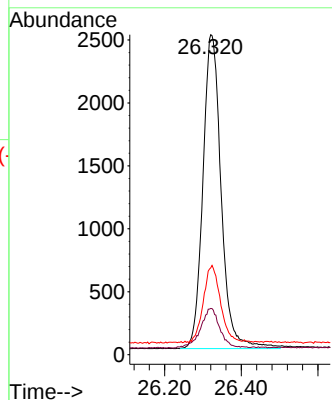
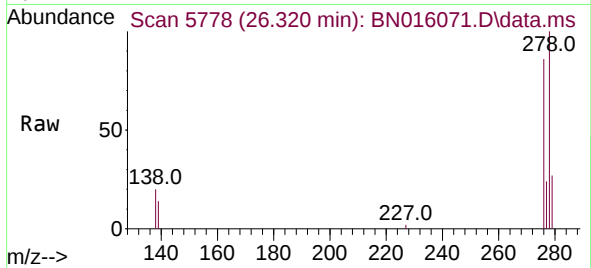




#28
Dibenzo(a,h)anthracene
Concen: 0.346 ng/ul
RT: 26.320 min Scan# 5778
Delta R.T. 0.020 min
Lab File: BN016071.D
Acq: 26 Aug 2021 13:12

Instrument :
BNA_N
ClientSampleId :
SLCS487

Tgt Ion:278 Resp: 8270
Ion Ratio Lower Upper
278 100
139 14.5 12.0 18.0
279 27.1 21.0 31.6



#29
Benzo(g,h,i)perylene
Concen: 0.341 ng/ul
RT: 27.058 min Scan# 5998
Delta R.T. 0.020 min
Lab File: BN016071.D
Acq: 26 Aug 2021 13:12

Tgt Ion:276 Resp: 8360
Ion Ratio Lower Upper
276 100
138 18.3 13.8 20.8
277 25.1 20.5 30.7

