

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082222\
 Data File : BN021315.D
 Acq On : 23 Aug 2022 01:01
 Operator : CG/JU
 Sample : PB147177BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS177

Quant Time: Aug 23 04:05:15 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 22 18:06:52 2022
 Response via : Initial Calibration

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

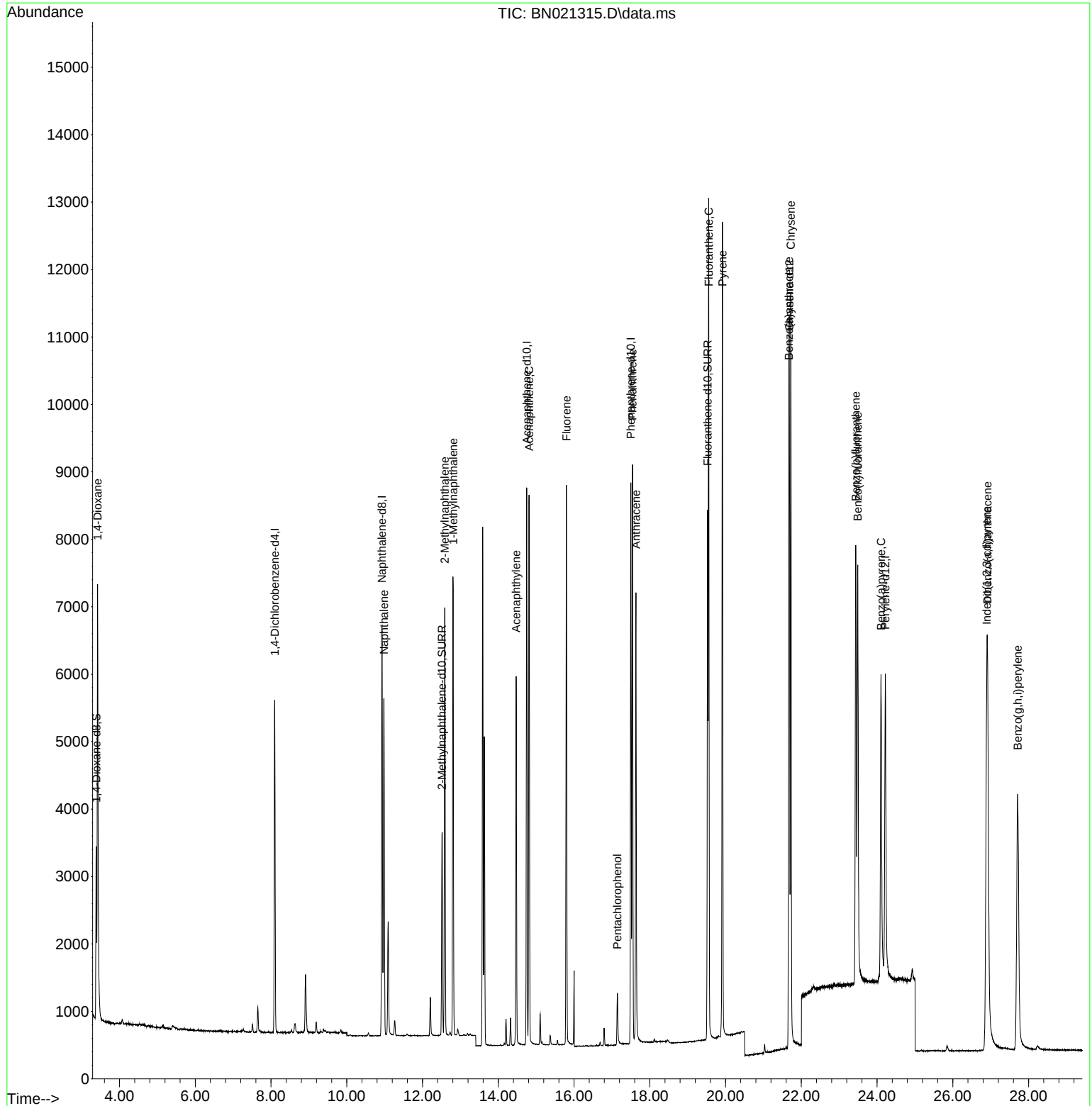
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	2499	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	8141	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.749	164	4436	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.498	188	9532	0.400	ng/ul	0.00
17) Chrysene-d12	21.685	240	7926	0.400	ng/ul	# 0.00
23) Perylene-d12	24.217	264	6836	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	1950	0.605	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	3970	0.322	ng/ul	0.00
18) Fluoranthene-d10	19.525	212	8068	0.330	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.422	88	5069	1.501	ng/ul#	89
5) Naphthalene	10.982	128	7029	0.273	ng/ul	99
7) 2-Methylnaphthalene	12.588	142	4496	0.279	ng/ul	98
8) 1-Methylnaphthalene	12.808	142	4695	0.310	ng/ul	99
10) Acenaphthylene	14.472	152	6032	0.263	ng/ul	99
11) Acenaphthene	14.814	153	4701	0.268	ng/ul	99
12) Fluorene	15.799	166	5253	0.268	ng/ul	99
14) Pentachlorophenol	17.143	266	580	0.551	ng/ul	98
15) Phenanthrene	17.540	178	9332	0.264	ng/ul	100
16) Anthracene	17.633	178	7403	0.261	ng/ul	99
19) Fluoranthene	19.552	202	10294	0.274	ng/ul	98
20) Pyrene	19.915	202	10165	0.270	ng/ul	95
21) Benzo(a)anthracene	21.668	228	7946	0.289	ng/ul	99
22) Chrysene	21.723	228	10129	0.287	ng/ul	99
24) Benzo(b)fluoranthene	23.436	252	9086	0.309	ng/ul	98
25) Benzo(k)fluoranthene	23.489	252	9486	0.300	ng/ul#	97
26) Benzo(a)pyrene	24.103	252	8021	0.290	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.894	276	10004	0.308	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.914	278	8317	0.311	ng/ul	95
29) Benzo(g,h,i)perylene	27.713	276	9559	0.296	ng/ul	97

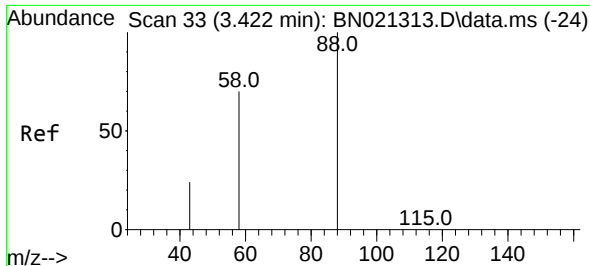
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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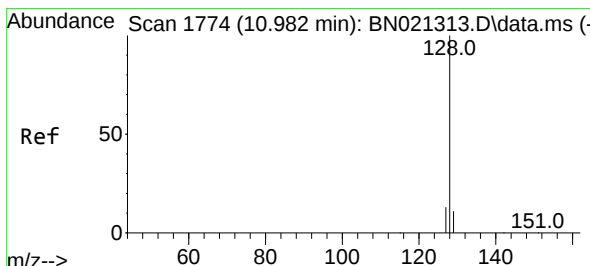
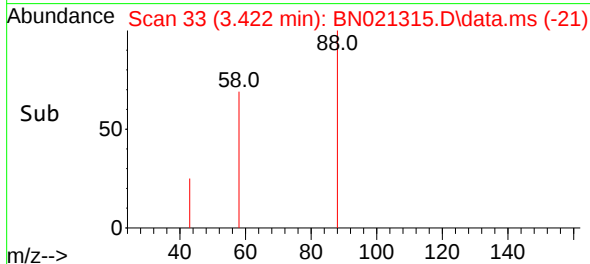
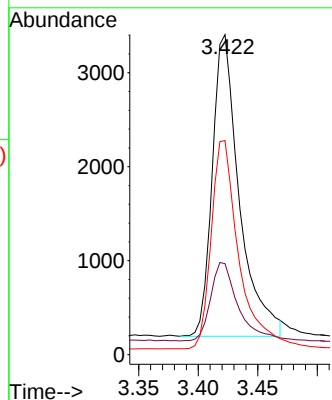
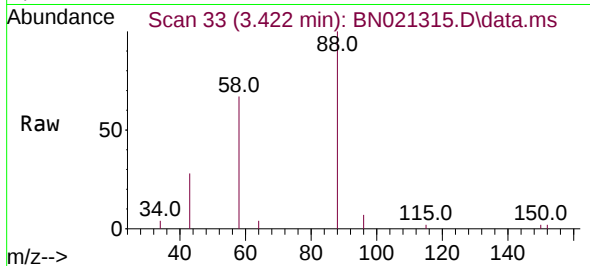




#2
1,4-Dioxane
Concen: 1.501 ng/ul
RT: 3.422 min Scan# 33
Delta R.T. 0.000 min
Lab File: BN021315.D
Acq: 23 Aug 2022 01:01

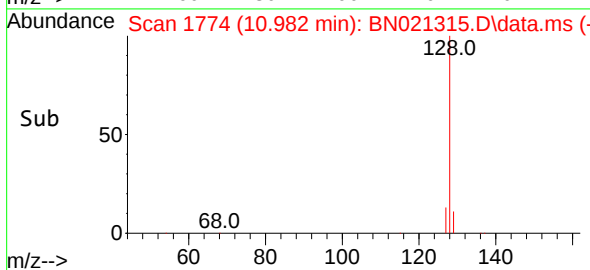
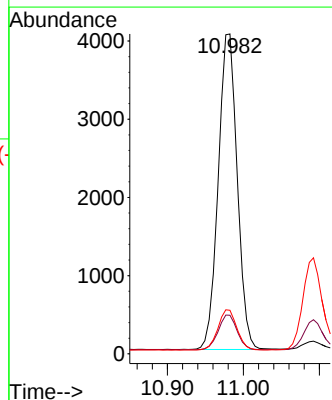
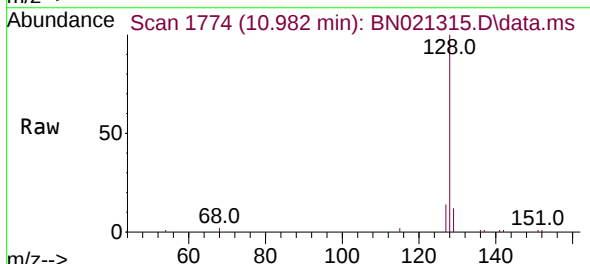
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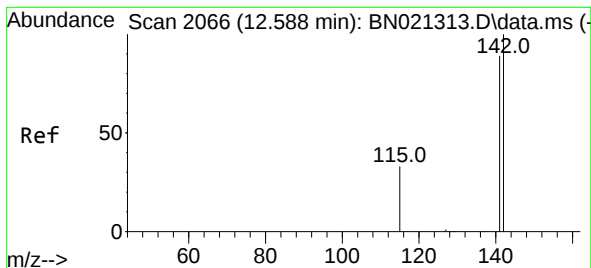
Tgt Ion: 88 Resp: 5069
Ion Ratio Lower Upper
88 100
43 28.4 31.4 47.0#
58 66.9 49.0 73.6



#5
Naphthalene
Concen: 0.273 ng/ul
RT: 10.982 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BN021315.D
Acq: 23 Aug 2022 01:01

Tgt Ion: 128 Resp: 7029
Ion Ratio Lower Upper
128 100
129 12.1 9.8 14.6
127 13.6 11.6 17.4

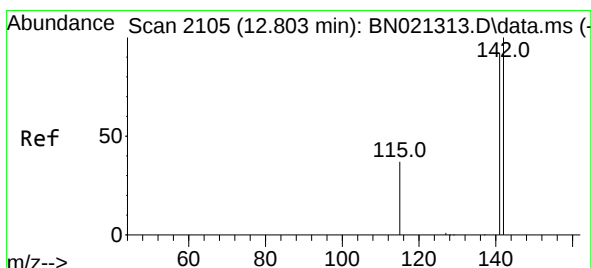
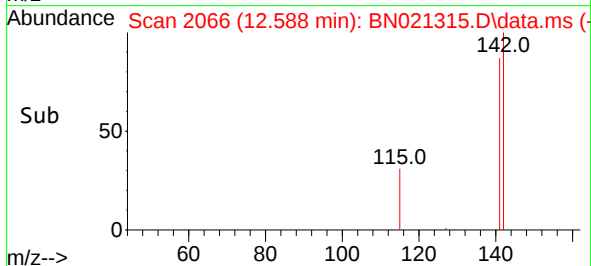
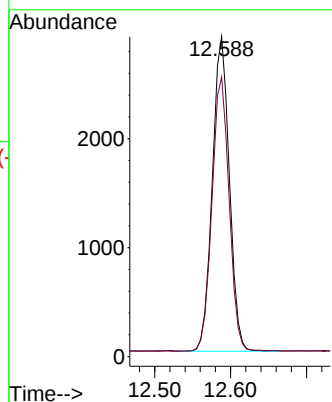
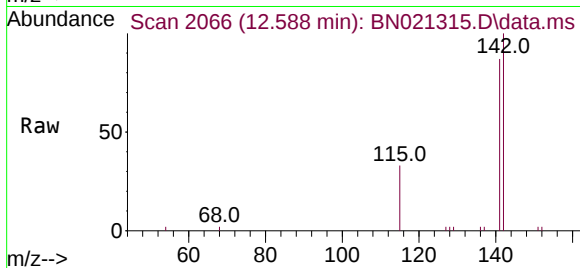




#7
2-Methylnaphthalene
Concen: 0.279 ng/ul
RT: 12.588 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN021315.D
Acq: 23 Aug 2022 01:01

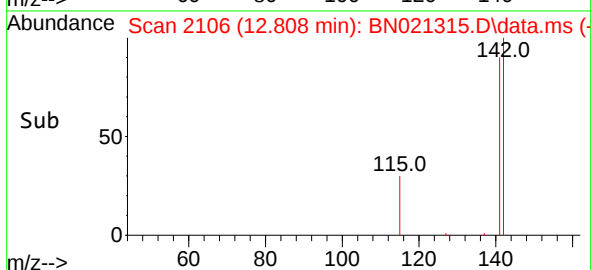
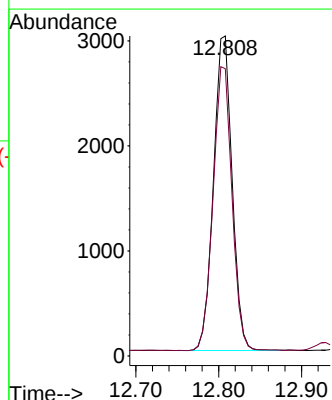
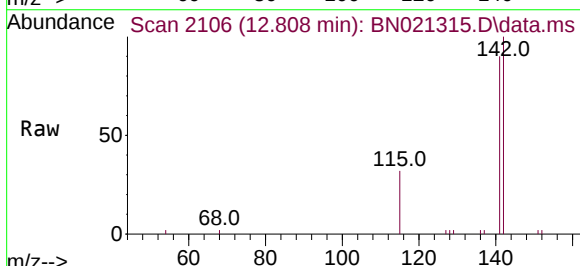
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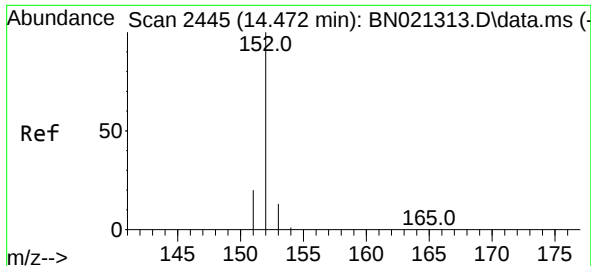
Tgt Ion:142 Resp: 4496
Ion Ratio Lower Upper
142 100
141 87.9 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 12.808 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BN021315.D
Acq: 23 Aug 2022 01:01

Tgt Ion:142 Resp: 4695
Ion Ratio Lower Upper
142 100
141 91.4 73.9 110.9

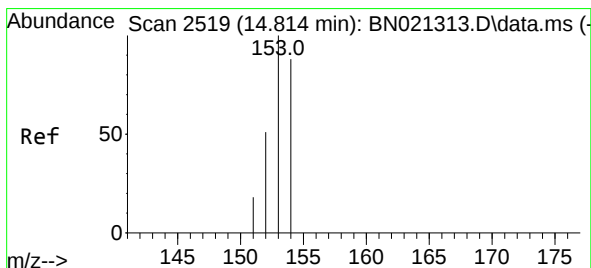
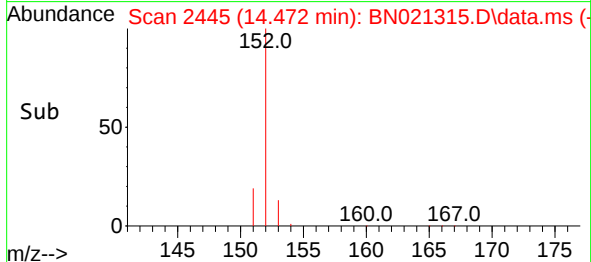
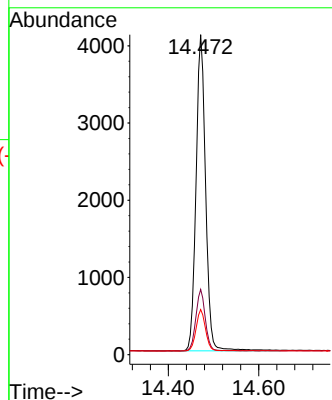
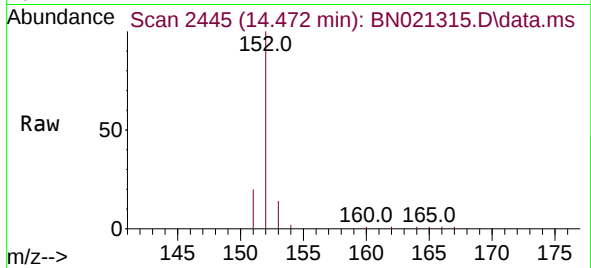




#10
Acenaphthylene
Concen: 0.263 ng/ul
RT: 14.472 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN021315.D
Acq: 23 Aug 2022 01:01

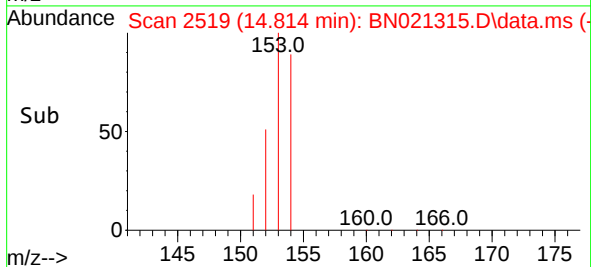
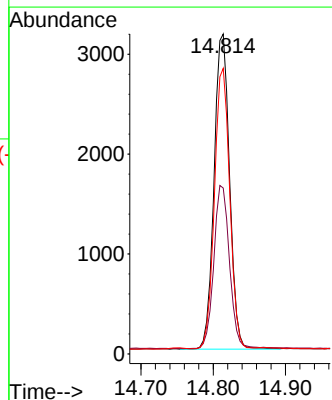
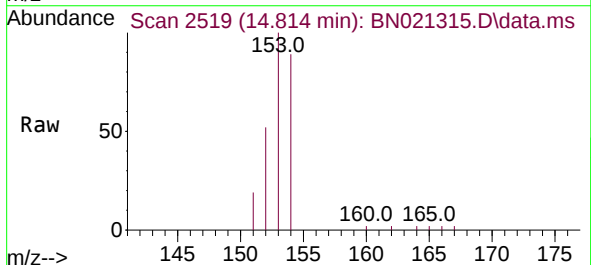
Instrument :
BNA_N
ClientSampleId :
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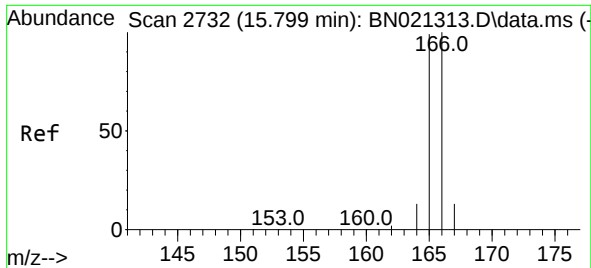
Tgt Ion:152 Resp: 6032
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 14.1 11.2 16.8



#11
Acenaphthene
Concen: 0.268 ng/ul
RT: 14.814 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN021315.D
Acq: 23 Aug 2022 01:01

Tgt Ion:153 Resp: 4701
Ion Ratio Lower Upper
153 100
152 51.8 40.2 60.4
154 89.2 70.7 106.1

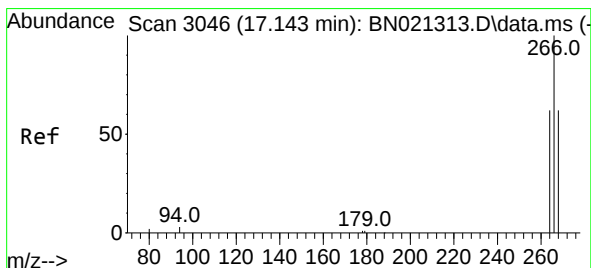
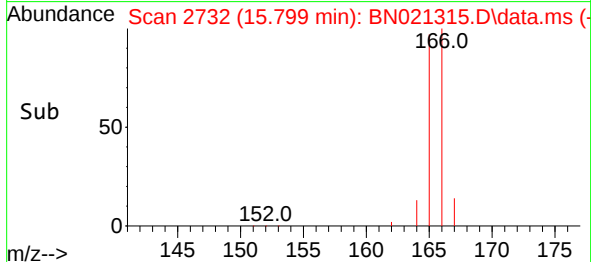
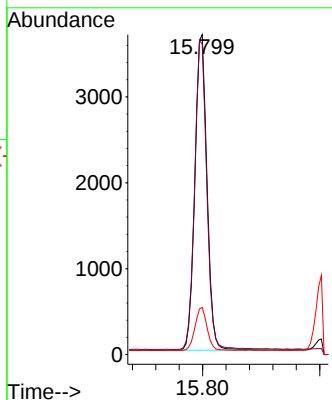
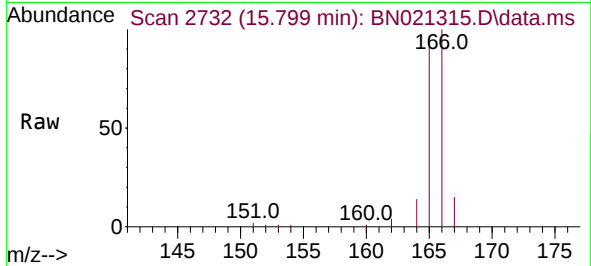




#12
Fluorene
Concen: 0.268 ng/ul
RT: 15.799 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021315.D
Acq: 23 Aug 2022 01:01

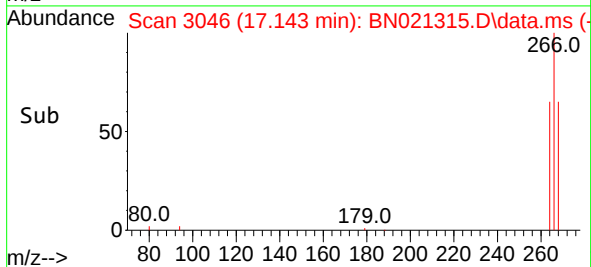
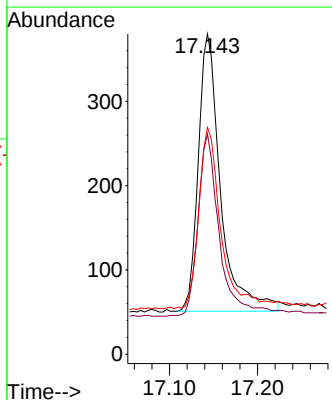
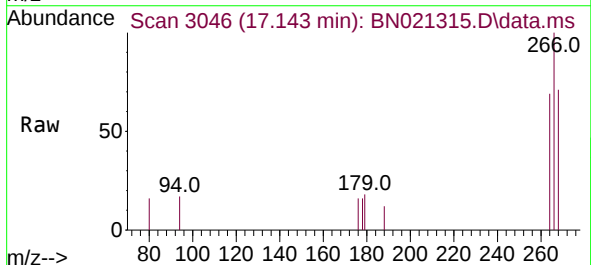
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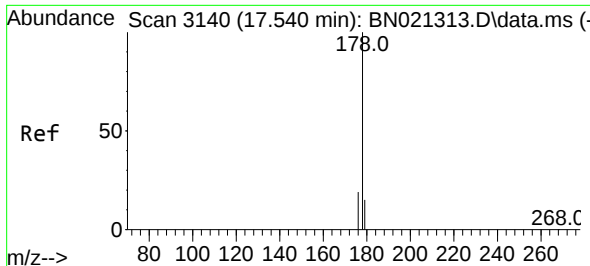
Tgt Ion:166 Resp: 5253
Ion Ratio Lower Upper
166 100
165 97.1 78.6 117.8
167 14.7 11.8 17.6



#14
Pentachlorophenol
Concen: 0.551 ng/ul
RT: 17.143 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BN021315.D
Acq: 23 Aug 2022 01:01

Tgt Ion:266 Resp: 580
Ion Ratio Lower Upper
266 100
264 63.3 49.8 74.8
268 65.0 50.6 75.8

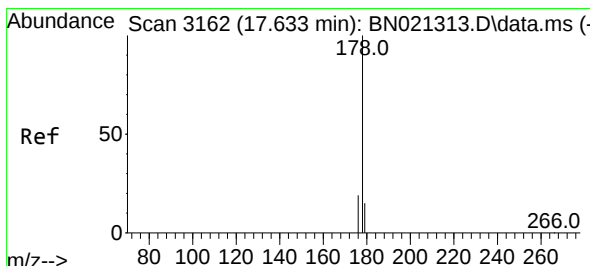
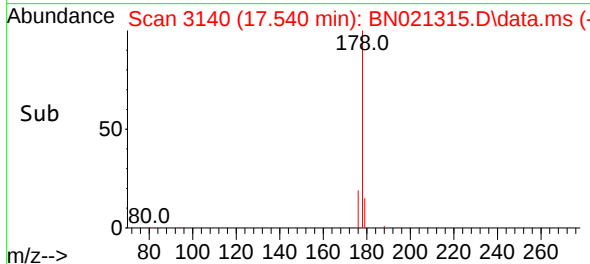
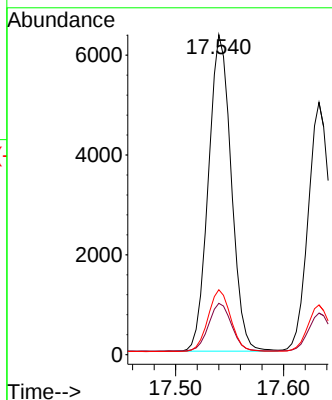
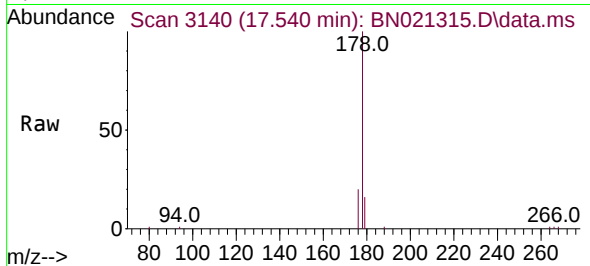




#15
Phenanthrene
Concen: 0.264 ng/ul
RT: 17.540 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BN021315.D
Acq: 23 Aug 2022 01:01

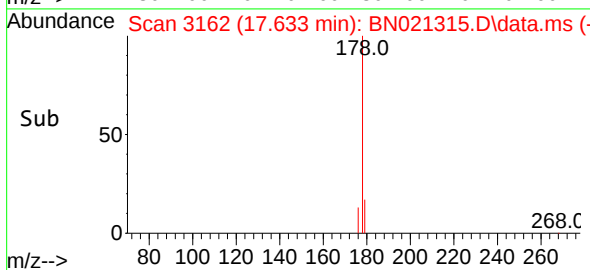
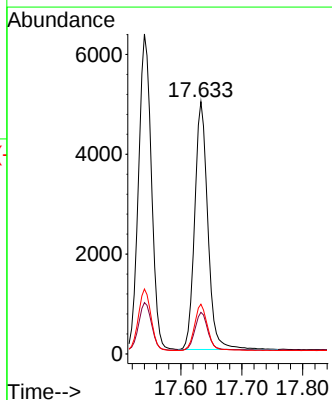
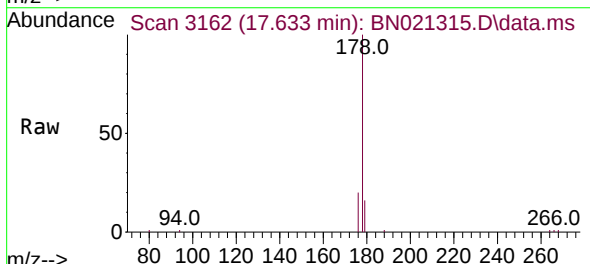
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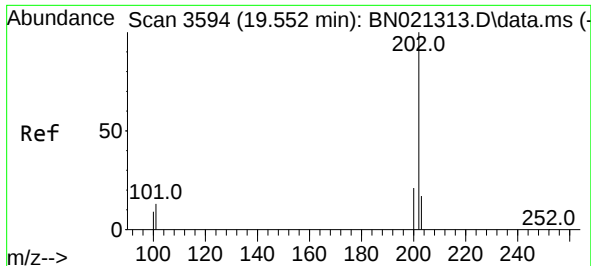
Tgt Ion:	178	Resp:	9332
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.8	19.2
176	20.3	15.9	23.9



#16
Anthracene
Concen: 0.261 ng/ul
RT: 17.633 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BN021315.D
Acq: 23 Aug 2022 01:01

Tgt Ion:	178	Resp:	7403
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.9	19.3
176	19.7	15.9	23.9

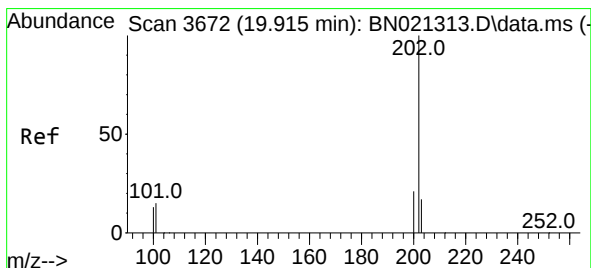
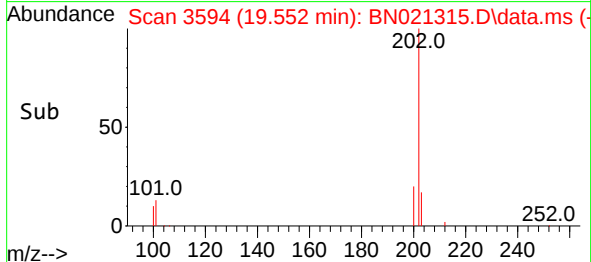
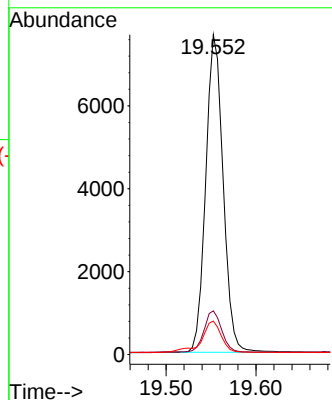
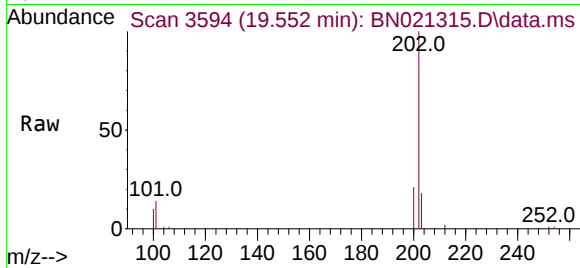




#19
Fluoranthene
Concen: 0.274 ng/ul
RT: 19.552 min Scan# 3594
Delta R.T. -0.004 min
Lab File: BN021315.D
Acq: 23 Aug 2022 01:01

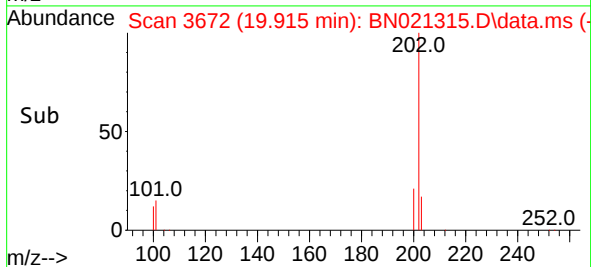
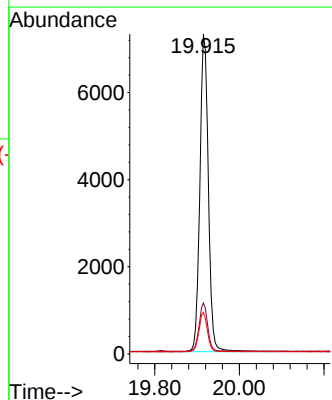
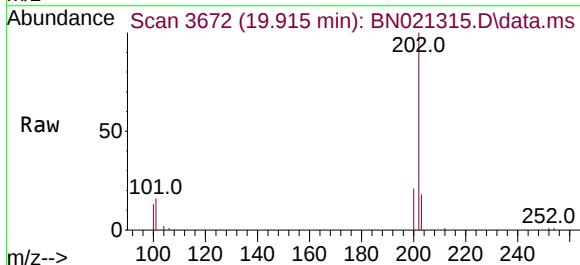
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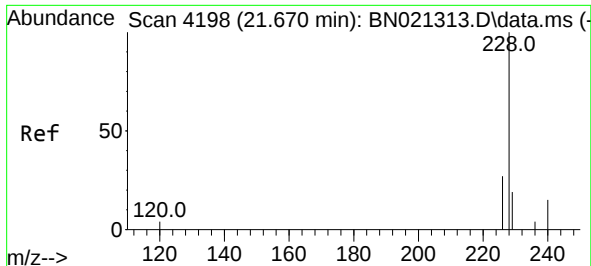
Tgt Ion:202 Resp: 10294
Ion Ratio Lower Upper
202 100
101 13.7 10.0 15.0
100 10.5 8.0 12.0



#20
Pyrene
Concen: 0.270 ng/ul
RT: 19.915 min Scan# 3672
Delta R.T. -0.004 min
Lab File: BN021315.D
Acq: 23 Aug 2022 01:01

Tgt Ion:202 Resp: 10165
Ion Ratio Lower Upper
202 100
101 15.9 11.3 16.9
100 13.0 9.0 13.4

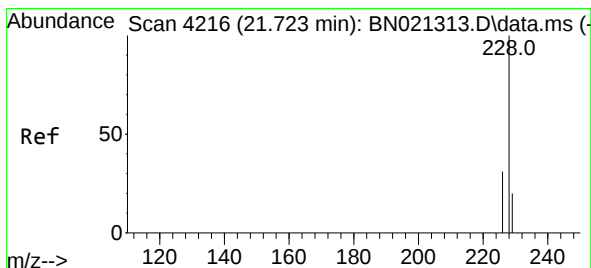
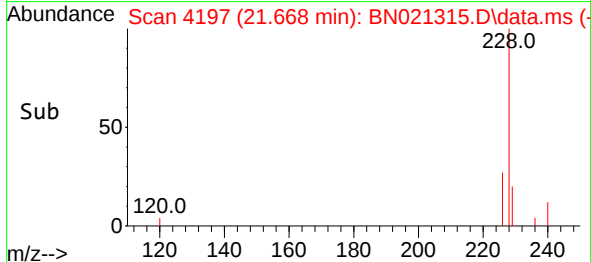
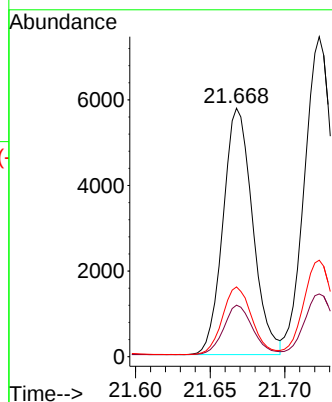
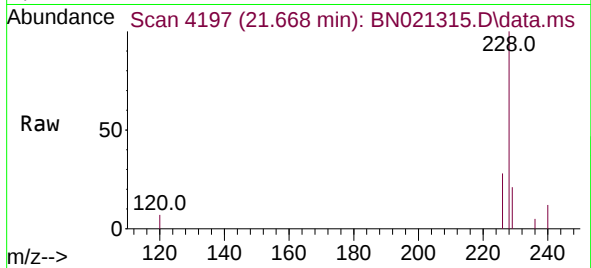




#21
Benzo(a)anthracene
Concen: 0.289 ng/ul
RT: 21.668 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BN021315.D
Acq: 23 Aug 2022 01:01

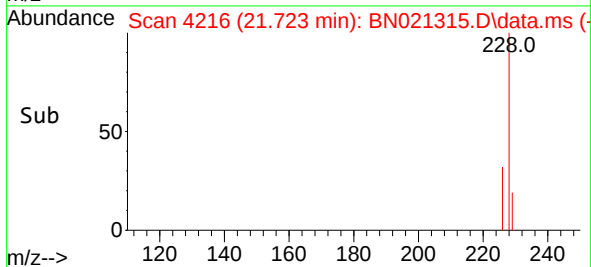
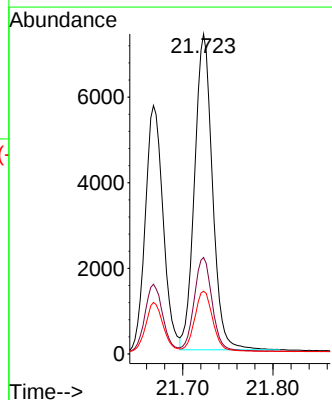
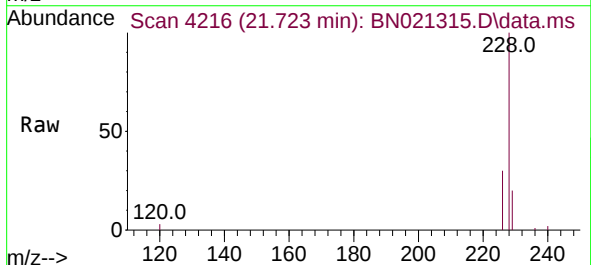
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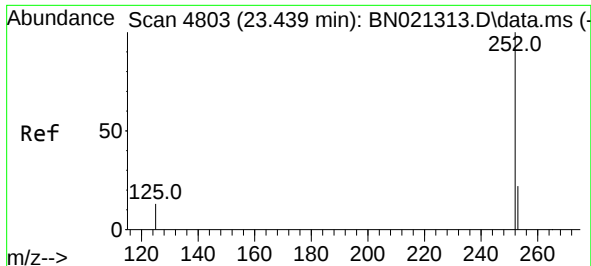
Tgt Ion:228 Resp: 7946
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 28.0 21.9 32.9



#22
Chrysene
Concen: 0.287 ng/ul
RT: 21.723 min Scan# 4216
Delta R.T. -0.006 min
Lab File: BN021315.D
Acq: 23 Aug 2022 01:01

Tgt Ion:228 Resp: 10129
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 19.6 15.8 23.8

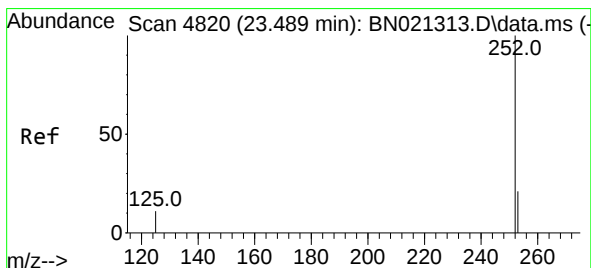
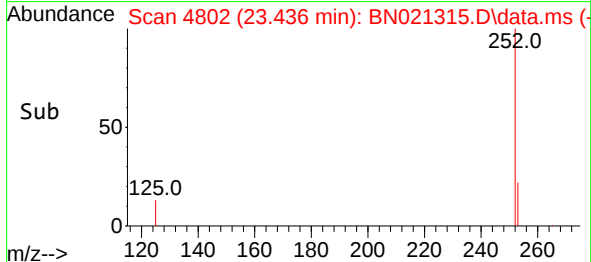
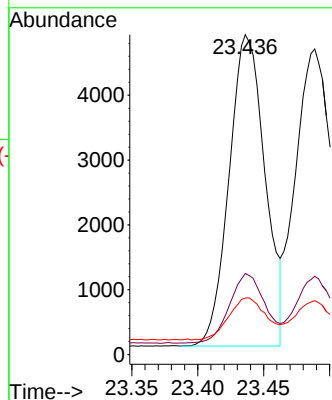
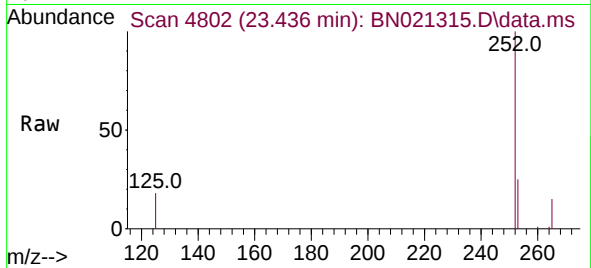




#24
Benzo(b)fluoranthene
Concen: 0.309 ng/ul
RT: 23.436 min Scan# 4802
Delta R.T. -0.009 min
Lab File: BN021315.D
Acq: 23 Aug 2022 01:01

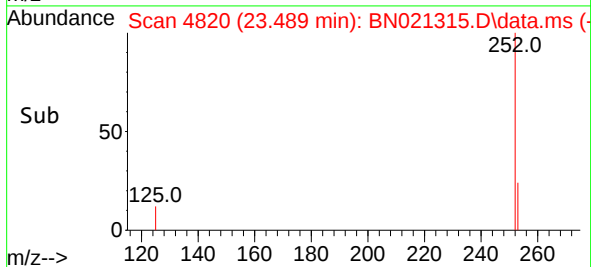
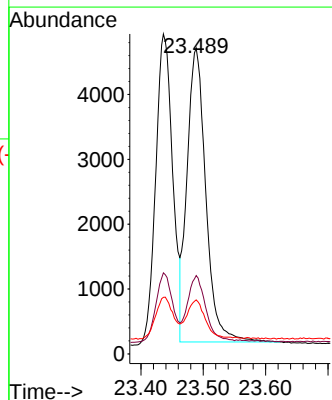
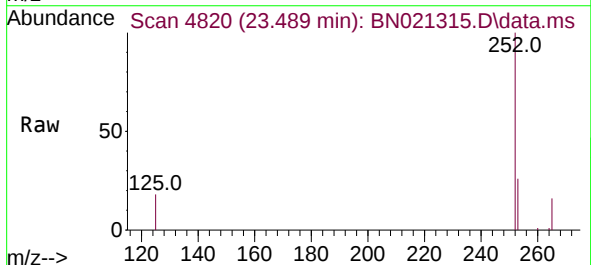
Instrument :
BNA_N
ClientSampleId :
SLCS177

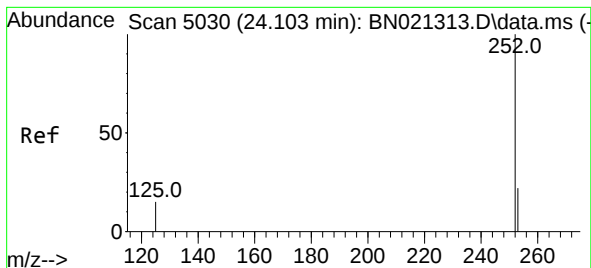
Tgt Ion:252 Resp: 9086
Ion Ratio Lower Upper
252 100
253 25.3 0.0 50.8
125 17.7 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.300 ng/ul
RT: 23.489 min Scan# 4820
Delta R.T. -0.009 min
Lab File: BN021315.D
Acq: 23 Aug 2022 01:01

Tgt Ion:252 Resp: 9486
Ion Ratio Lower Upper
252 100
253 25.6 20.6 31.0
125 17.7 11.8 17.6#





#26

Benzo(a)pyrene

Concen: 0.290 ng/ul

RT: 24.103 min Scan# 5030

Delta R.T. -0.006 min

Lab File: BN021315.D

Acq: 23 Aug 2022 01:01

Instrument :

BNA_N

ClientSampleId :

SLCS177

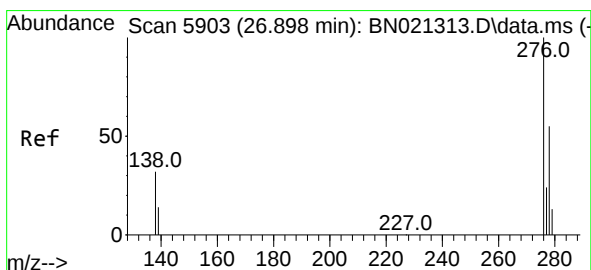
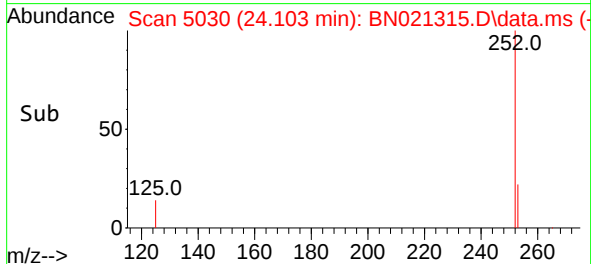
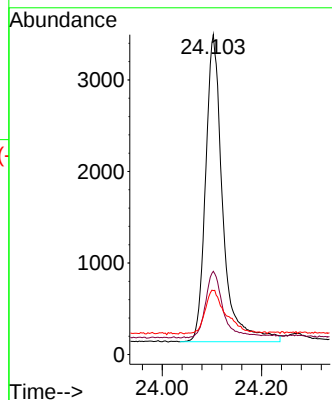
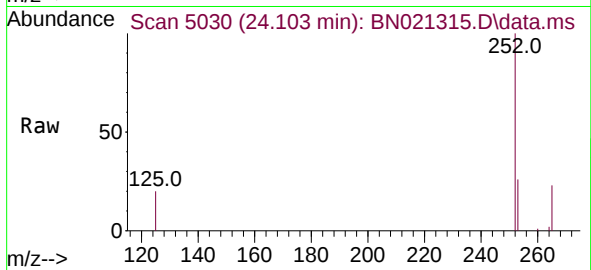
Tgt Ion:252 Resp: 8021

Ion Ratio Lower Upper

252 100

253 26.0 22.1 33.1

125 20.0 14.7 22.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.308 ng/ul

RT: 26.894 min Scan# 5902

Delta R.T. -0.010 min

Lab File: BN021315.D

Acq: 23 Aug 2022 01:01

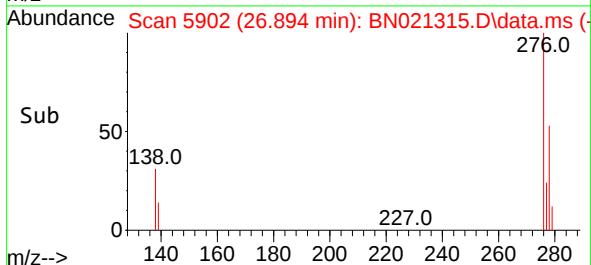
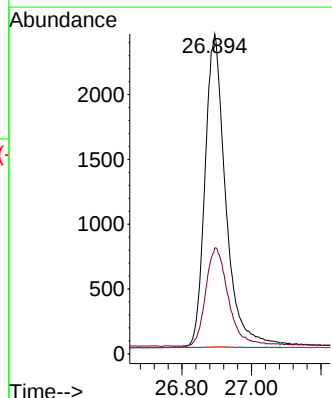
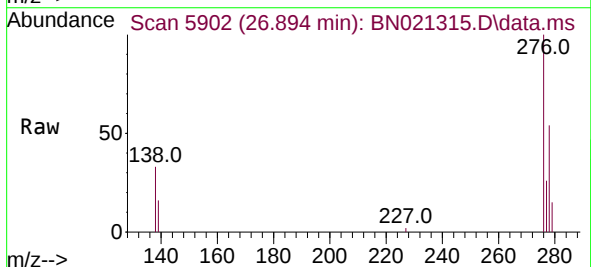
Tgt Ion:276 Resp: 10004

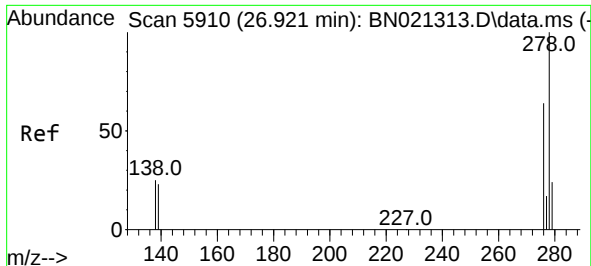
Ion Ratio Lower Upper

276 100

138 34.7 26.1 39.1

227 0.2 0.1 0.1#

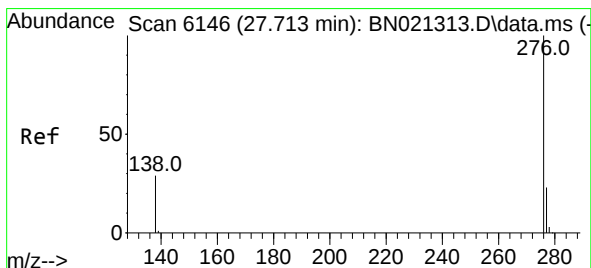
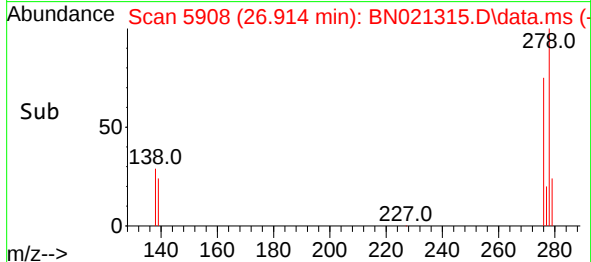
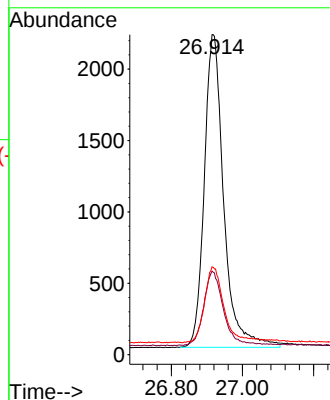
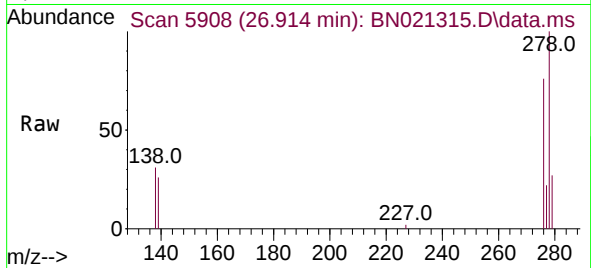




#28
Dibenzo(a,h)anthracene
Concen: 0.311 ng/ul
RT: 26.914 min Scan# 5910
Delta R.T. -0.013 min
Lab File: BN021315.D
Acq: 23 Aug 2022 01:01

Instrument :
BNA_N
ClientSampleId :
SLCS177

Tgt Ion:278 Resp: 8317
Ion Ratio Lower Upper
278 100
139 26.1 18.3 27.5
279 27.4 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.296 ng/ul
RT: 27.713 min Scan# 6146
Delta R.T. -0.010 min
Lab File: BN021315.D
Acq: 23 Aug 2022 01:01

Tgt Ion:276 Resp: 9559
Ion Ratio Lower Upper
276 100
138 30.8 22.6 34.0
277 25.4 20.2 30.2

