

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082222\
 Data File : BN021313.D
 Acq On : 22 Aug 2022 23:09
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4294

Quant Time: Aug 23 04:04:44 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

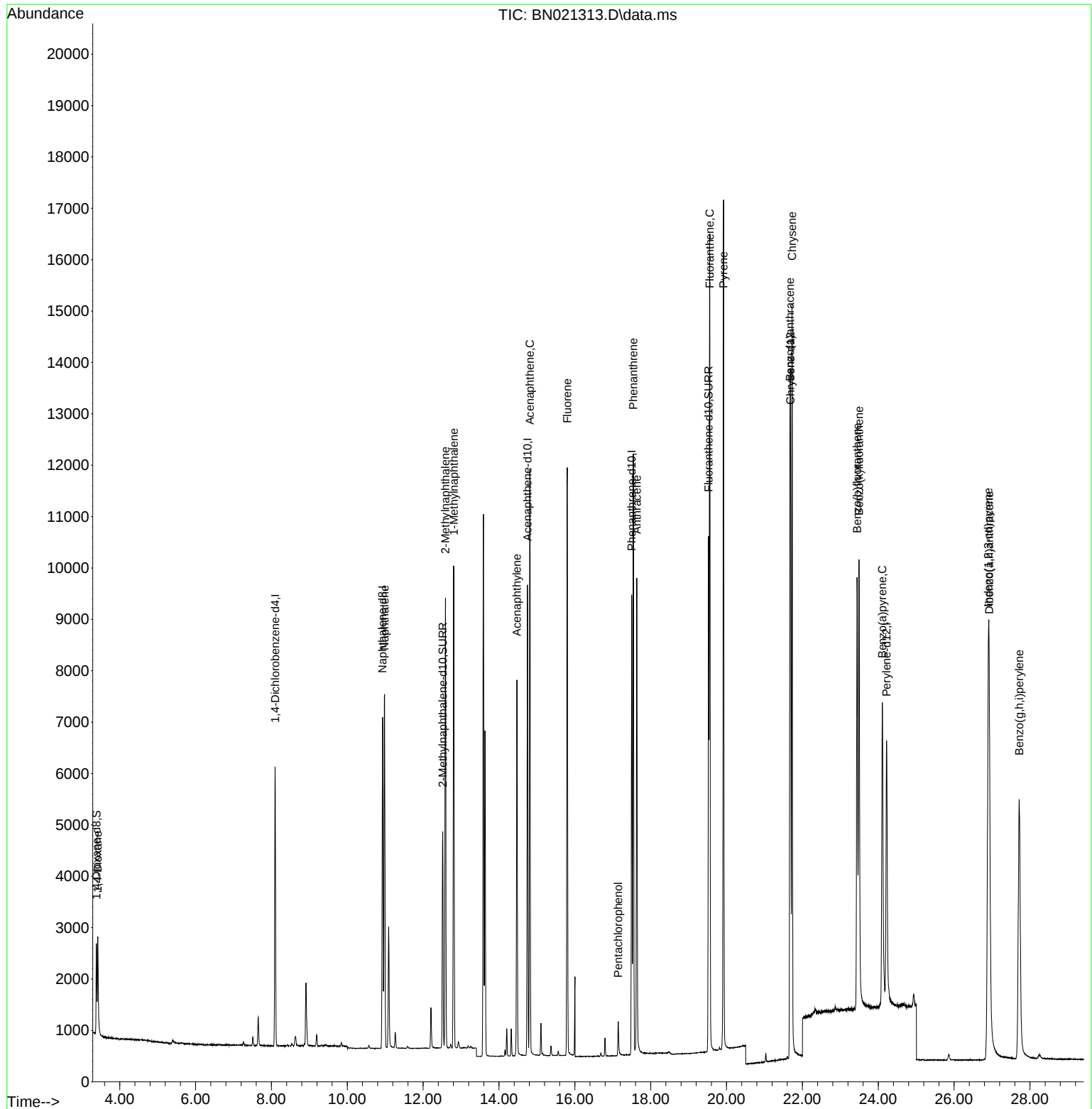
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	2768	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	8875	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.749	164	4887	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.498	188	10326	0.400	ng/ul	0.00
17) Chrysene-d12	21.688	240	8853	0.400	ng/ul	# 0.00
23) Perylene-d12	24.220	264	7913	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	1334	0.374	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	5375	0.400	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	10495	0.385	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	1396	0.373	ng/ul	96
5) Naphthalene	10.982	128	9642	0.343	ng/ul	98
7) 2-Methylnaphthalene	12.588	142	6172	0.351	ng/ul	97
8) 1-Methylnaphthalene	12.808	142	6570	0.399	ng/ul	99
10) Acenaphthylene	14.471	152	8441	0.335	ng/ul	99
11) Acenaphthene	14.814	153	6519	0.338	ng/ul	99
12) Fluorene	15.799	166	7246	0.336	ng/ul	100
14) Pentachlorophenol	17.143	266	493	0.432	ng/ul	98
15) Phenanthrene	17.540	178	12619	0.330	ng/ul	100
16) Anthracene	17.633	178	10142	0.331	ng/ul	100
19) Fluoranthene	19.557	202	13778	0.328	ng/ul	99
20) Pyrene	19.920	202	13656	0.325	ng/ul	98
21) Benzo(a)anthracene	21.670	228	10690	0.348	ng/ul	99
22) Chrysene	21.726	228	13174	0.334	ng/ul	100
24) Benzo(b)fluoranthene	23.442	252	12264	0.361	ng/ul	97
25) Benzo(k)fluoranthene	23.492	252	12717	0.348	ng/ul	96
26) Benzo(a)pyrene	24.106	252	10923	0.341	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.901	276	13773	0.366	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.924	278	11446	0.370	ng/ul	94
29) Benzo(g,h,i)perylene	27.716	276	12837	0.344	ng/ul	99

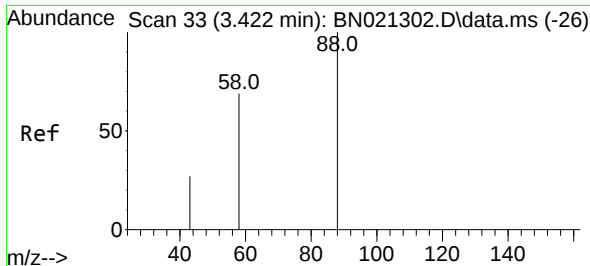
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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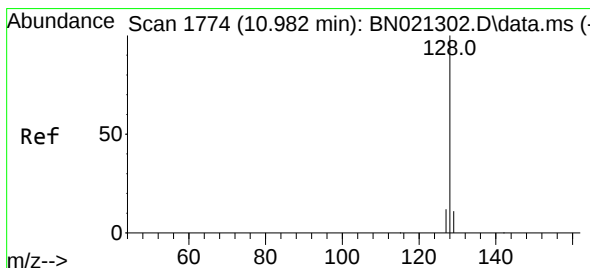
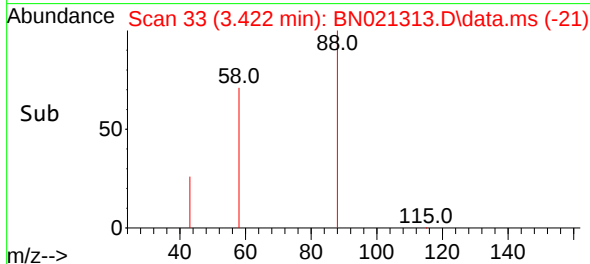
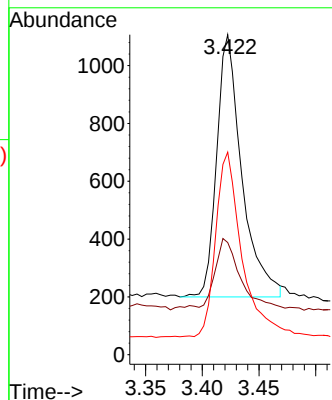
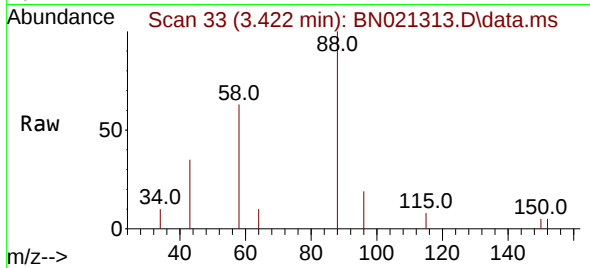




#2
1,4-Dioxane
Concen: 0.373 ng/ul
RT: 3.422 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021313.D
Acq: 22 Aug 2022 23:09

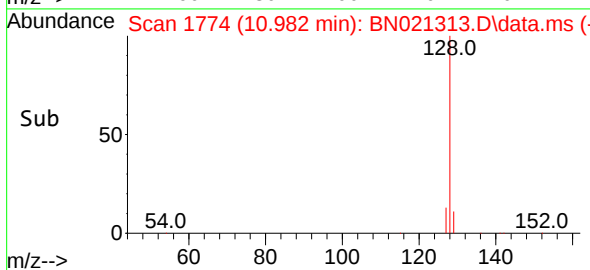
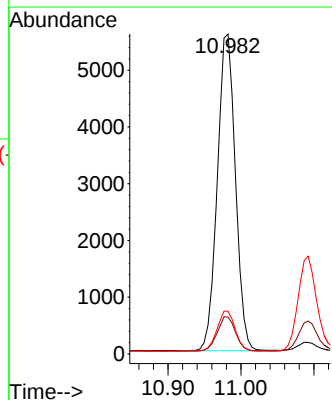
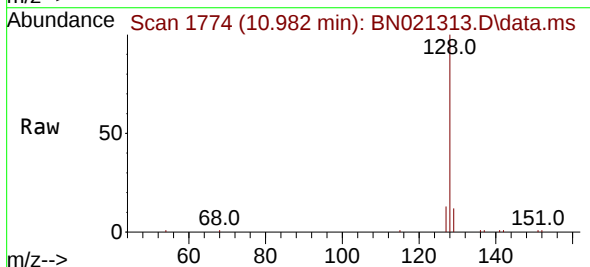
Instrument :
BNA_N
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SSTD0.4294

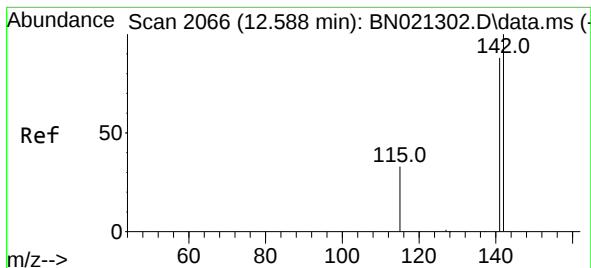
Tgt Ion: 88 Resp: 1396
Ion Ratio Lower Upper
88 100
43 35.0 31.4 47.0
58 63.3 49.0 73.6



#5
Naphthalene
Concen: 0.343 ng/ul
RT: 10.982 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BN021313.D
Acq: 22 Aug 2022 23:09

Tgt Ion: 128 Resp: 9642
Ion Ratio Lower Upper
128 100
129 11.5 9.8 14.6
127 13.3 11.6 17.4

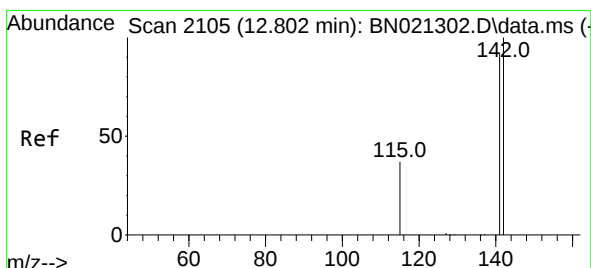
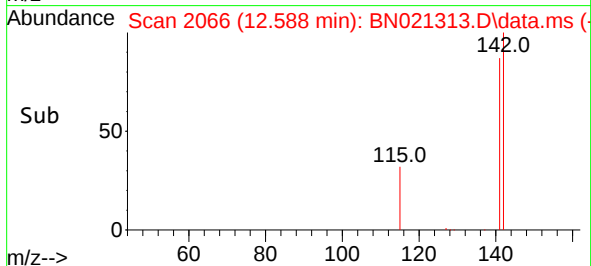
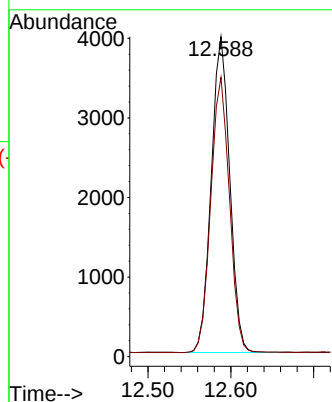
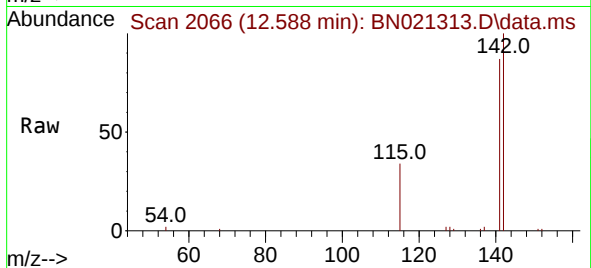




#7
2-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.588 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN021313.D
Acq: 22 Aug 2022 23:09

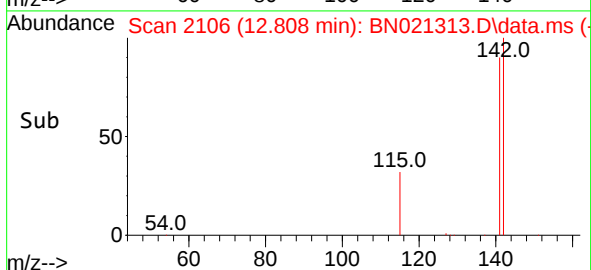
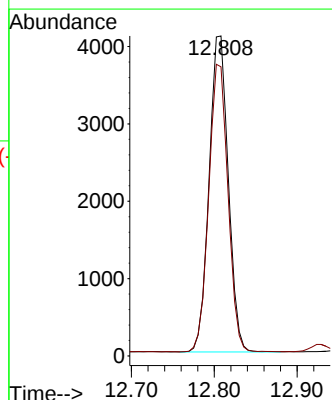
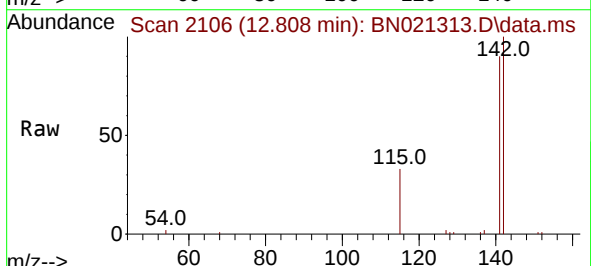
Instrument :
BNA_N
ClientSampleId :
SSTD0.4294

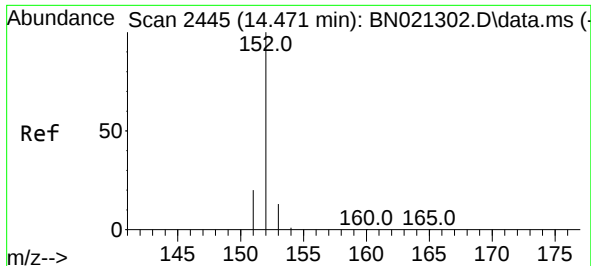
Tgt Ion:142 Resp: 6172
Ion Ratio Lower Upper
142 100
141 87.7 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.808 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BN021313.D
Acq: 22 Aug 2022 23:09

Tgt Ion:142 Resp: 6570
Ion Ratio Lower Upper
142 100
141 91.2 73.9 110.9

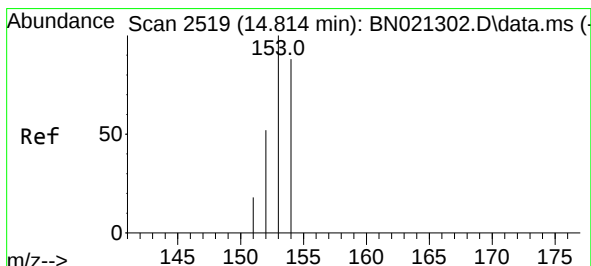
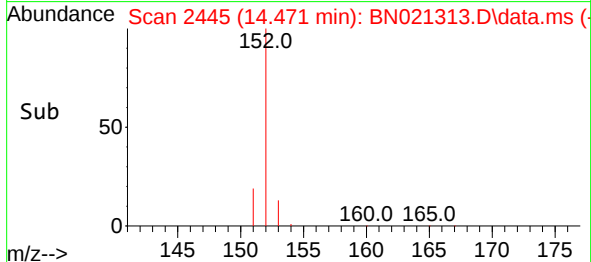
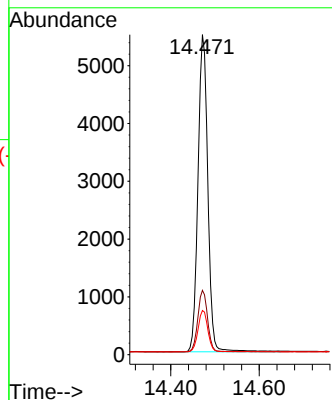
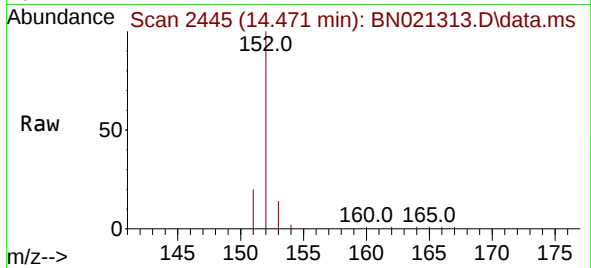




#10
Acenaphthylene
Concen: 0.335 ng/ul
RT: 14.471 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN021313.D
Acq: 22 Aug 2022 23:09

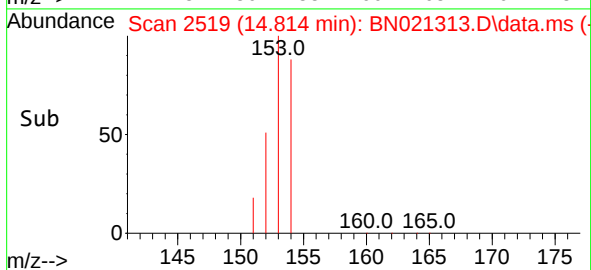
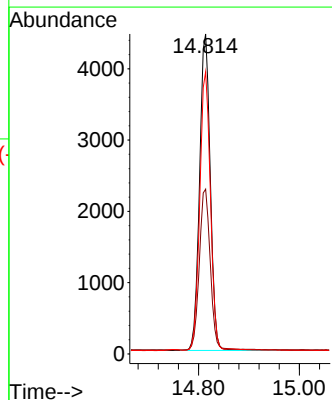
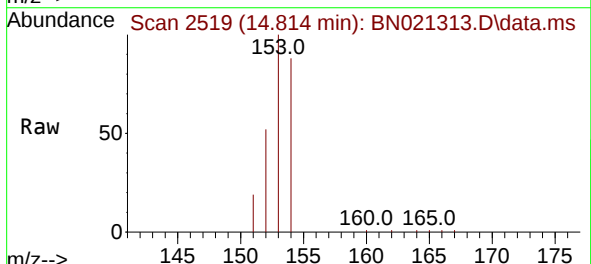
Instrument :
BNA_N
ClientSampleId :
SSTD0.4294

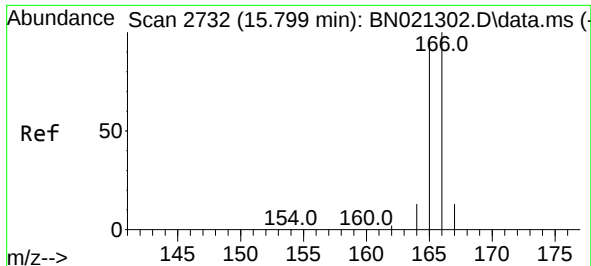
Tgt Ion:152 Resp: 8441
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3
153 13.8 11.2 16.8



#11
Acenaphthene
Concen: 0.338 ng/ul
RT: 14.814 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN021313.D
Acq: 22 Aug 2022 23:09

Tgt Ion:153 Resp: 6519
Ion Ratio Lower Upper
153 100
152 51.5 40.2 60.4
154 88.1 70.7 106.1

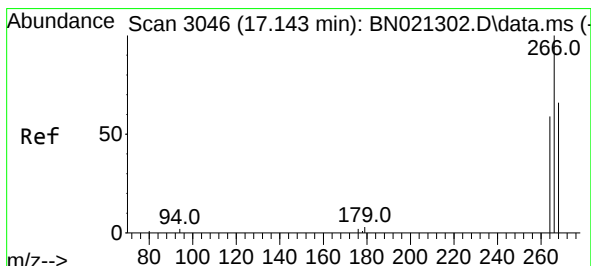
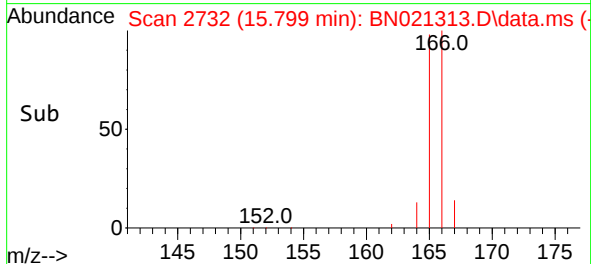
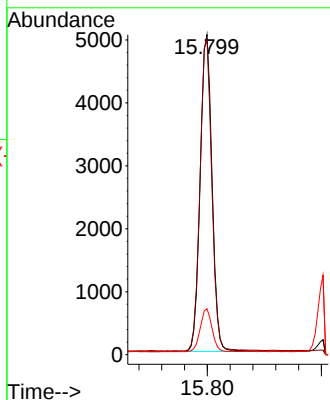
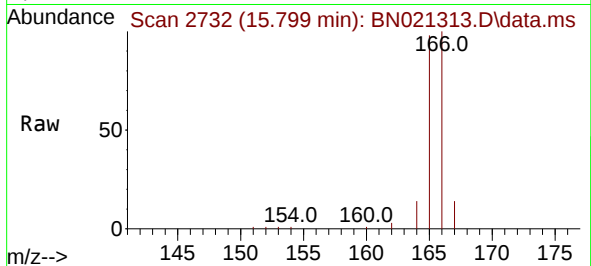




#12
Fluorene
Concen: 0.336 ng/ul
RT: 15.799 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021313.D
Acq: 22 Aug 2022 23:09

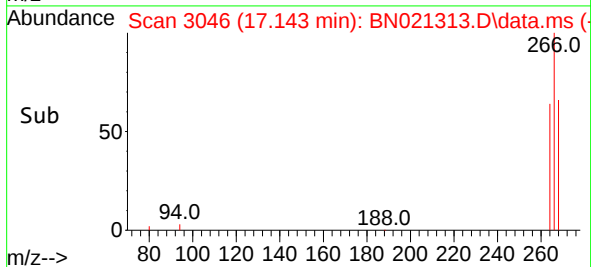
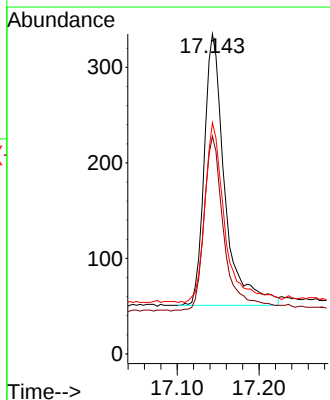
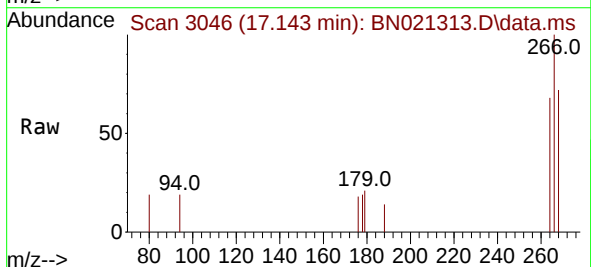
Instrument :
BNA_N
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SSTD0.4294

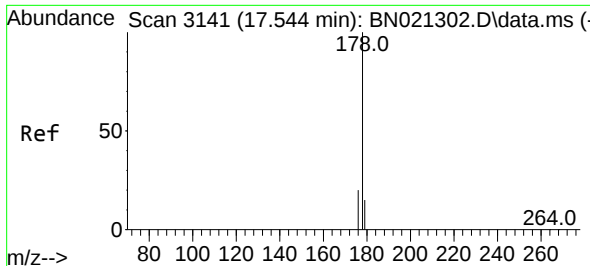
Tgt Ion:166 Resp: 7246
Ion Ratio Lower Upper
166 100
165 98.3 78.6 117.8
167 14.3 11.8 17.6



#14
Pentachlorophenol
Concen: 0.432 ng/ul
RT: 17.143 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BN021313.D
Acq: 22 Aug 2022 23:09

Tgt Ion:266 Resp: 493
Ion Ratio Lower Upper
266 100
264 63.7 49.8 74.8
268 65.1 50.6 75.8

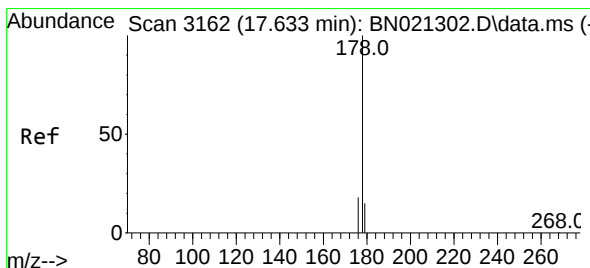
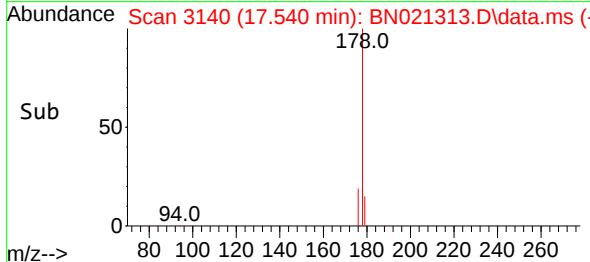
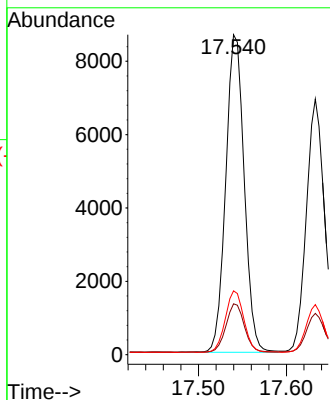
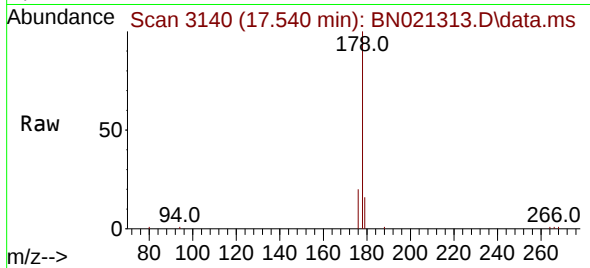




#15
Phenanthrene
Concen: 0.330 ng/u1
RT: 17.540 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BN021313.D
Acq: 22 Aug 2022 23:09

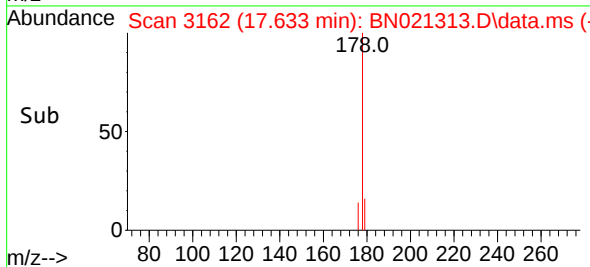
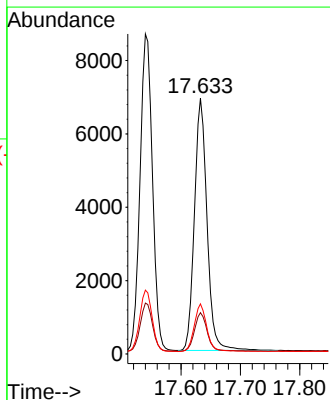
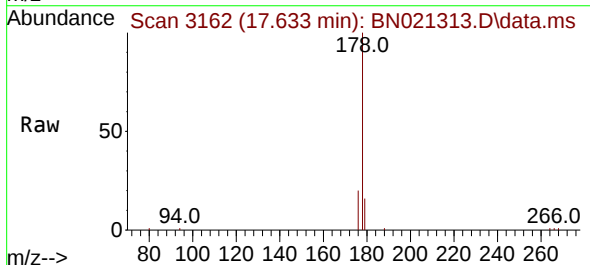
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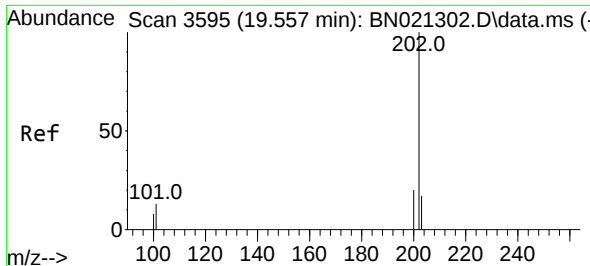
Tgt Ion:178 Resp: 12619
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 20.0 15.9 23.9



#16
Anthracene
Concen: 0.331 ng/u1
RT: 17.633 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BN021313.D
Acq: 22 Aug 2022 23:09

Tgt Ion:178 Resp: 10142
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 19.6 15.9 23.9

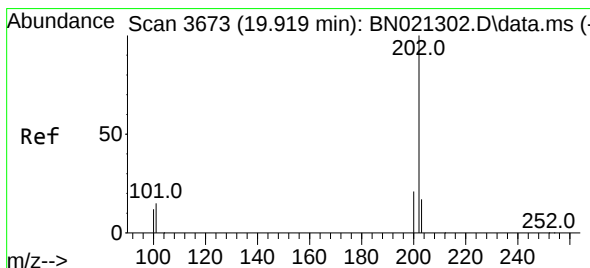
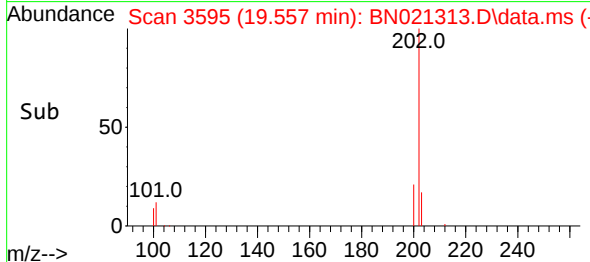
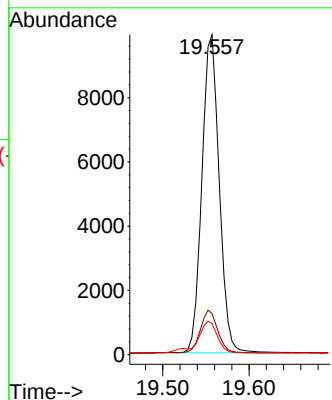
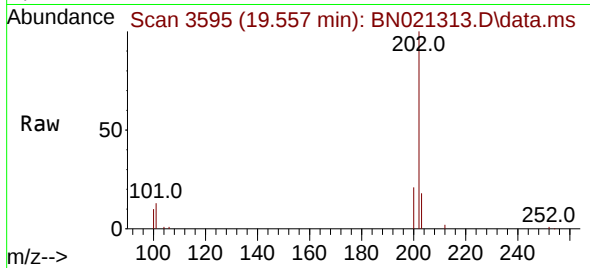




#19
Fluoranthene
Concen: 0.328 ng/u1
RT: 19.557 min Scan# 3595
Delta R.T. 0.000 min
Lab File: BN021313.D
Acq: 22 Aug 2022 23:09

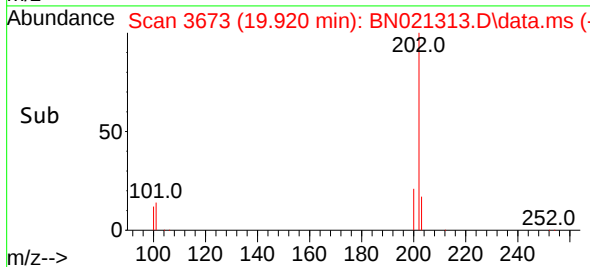
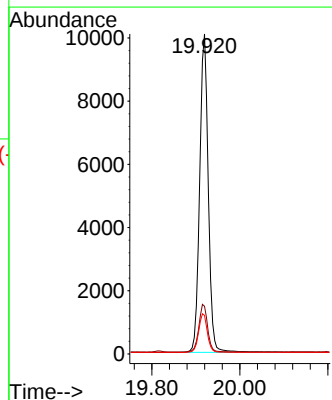
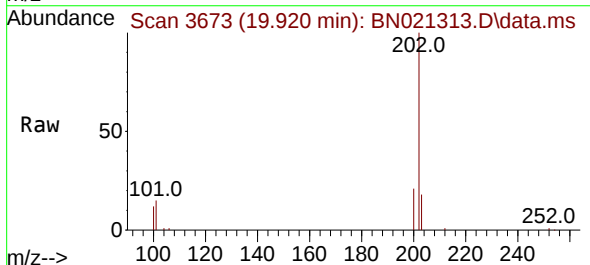
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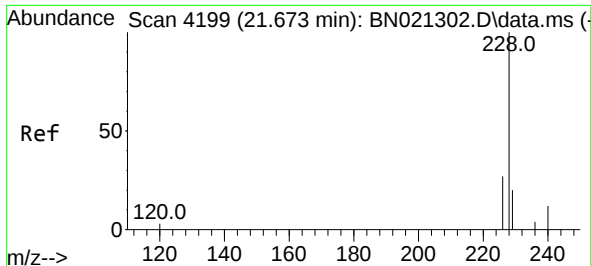
Tgt Ion:202 Resp: 13778
Ion Ratio Lower Upper
202 100
101 12.8 10.0 15.0
100 9.6 8.0 12.0



#20
Pyrene
Concen: 0.325 ng/u1
RT: 19.920 min Scan# 3673
Delta R.T. 0.000 min
Lab File: BN021313.D
Acq: 22 Aug 2022 23:09

Tgt Ion:202 Resp: 13656
Ion Ratio Lower Upper
202 100
101 14.9 11.3 16.9
100 12.0 9.0 13.4

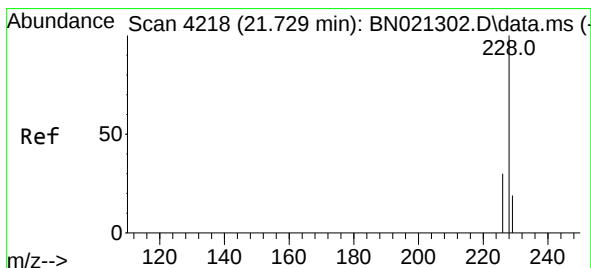
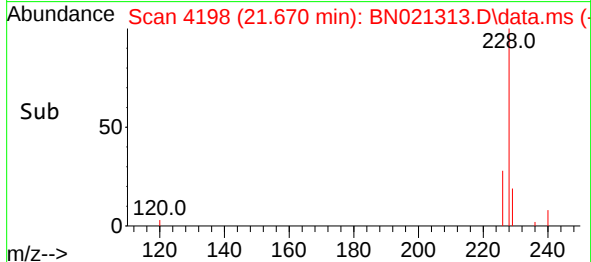
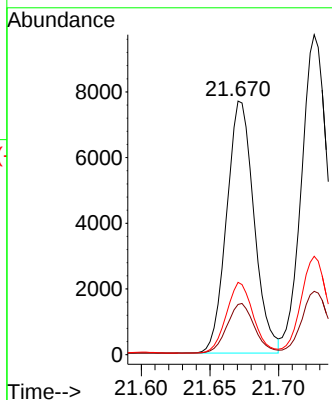
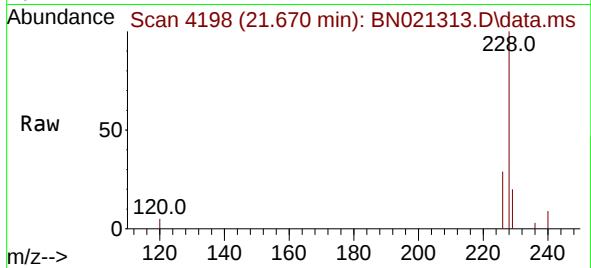




#21
Benzo(a)anthracene
Concen: 0.348 ng/ul
RT: 21.670 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BN021313.D
Acq: 22 Aug 2022 23:09

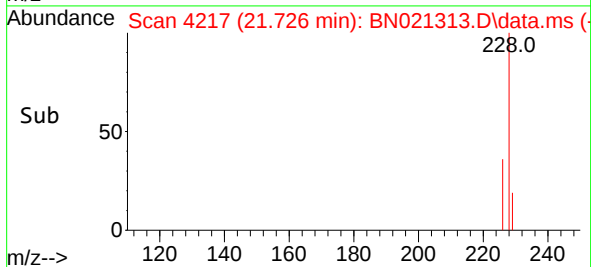
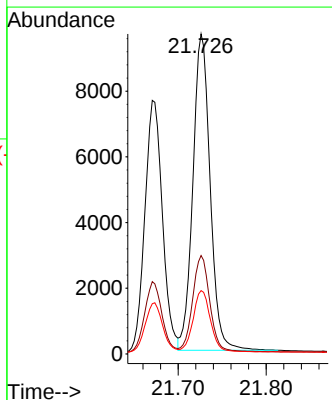
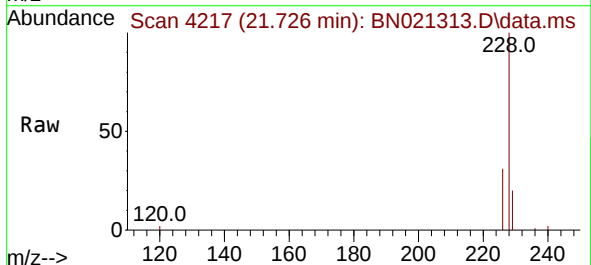
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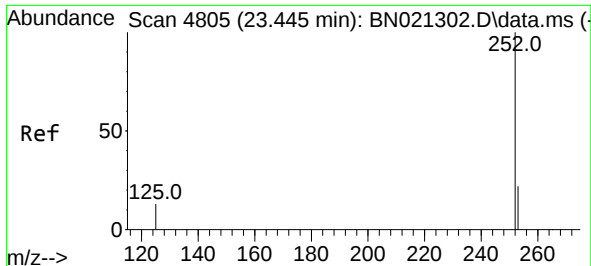
Tgt Ion:228 Resp: 10690
Ion Ratio Lower Upper
228 100
229 19.8 16.0 24.0
226 28.5 21.9 32.9



#22
Chrysene
Concen: 0.334 ng/ul
RT: 21.726 min Scan# 4217
Delta R.T. -0.003 min
Lab File: BN021313.D
Acq: 22 Aug 2022 23:09

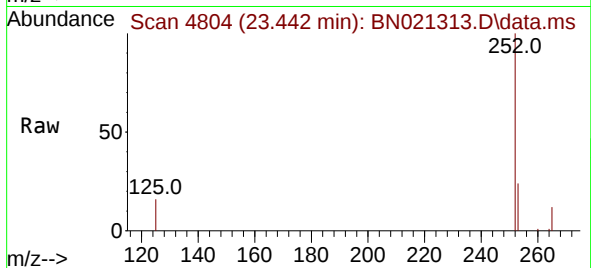
Tgt Ion:228 Resp: 13174
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 19.8 15.8 23.8



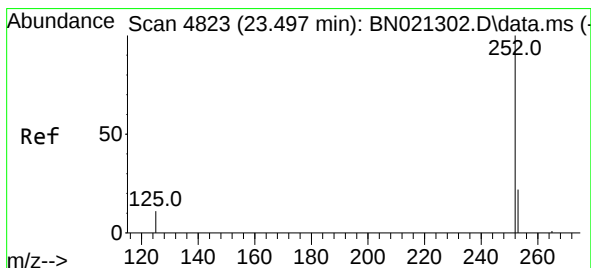
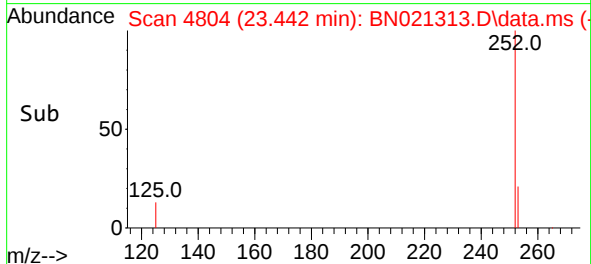
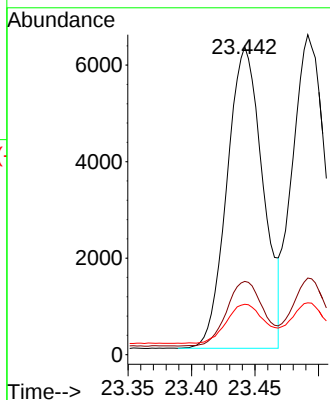


#24
Benzo(b)fluoranthene
Concen: 0.361 ng/ul
RT: 23.442 min Scan# 4804
Delta R.T. -0.003 min
Lab File: BN021313.D
Acq: 22 Aug 2022 23:09

Instrument :
BNA_N
ClientSampleId :
SSTD0.4294

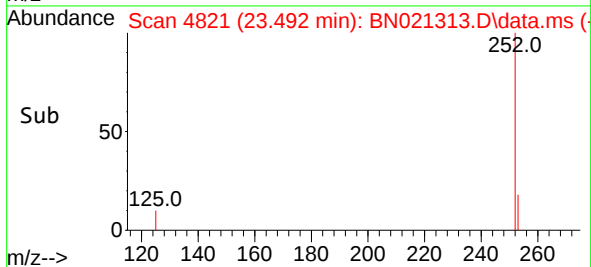
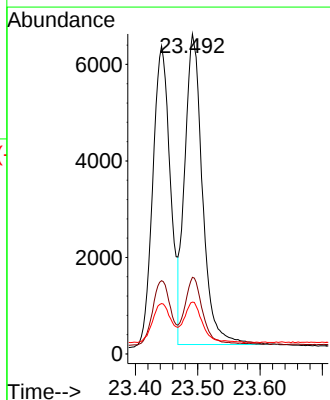
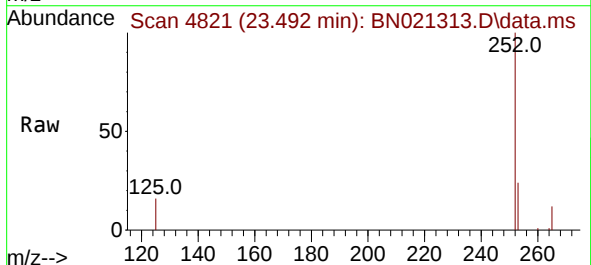


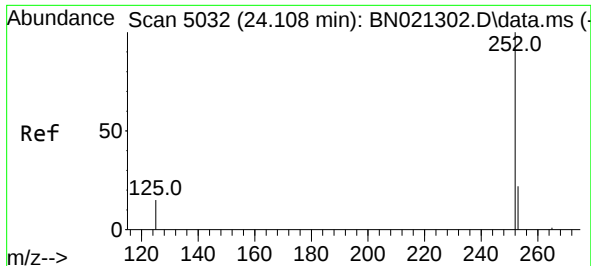
Tgt Ion:252 Resp: 12264
Ion Ratio Lower Upper
252 100
253 23.8 0.0 50.8
125 16.4 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.348 ng/ul
RT: 23.492 min Scan# 4821
Delta R.T. -0.006 min
Lab File: BN021313.D
Acq: 22 Aug 2022 23:09

Tgt Ion:252 Resp: 12717
Ion Ratio Lower Upper
252 100
253 24.0 20.6 31.0
125 16.2 11.8 17.6

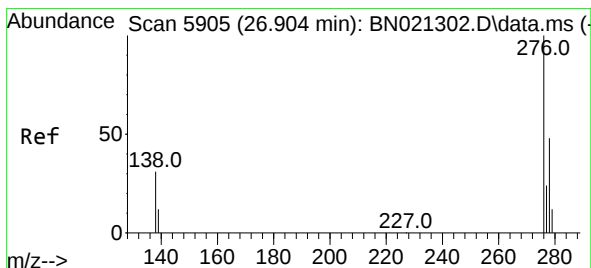
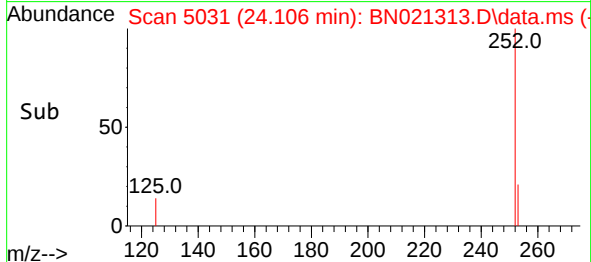
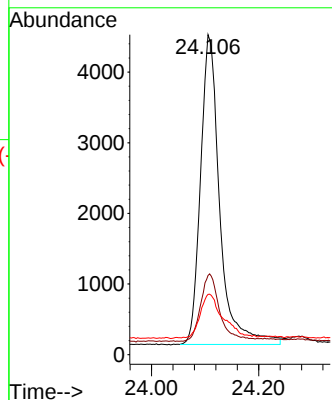
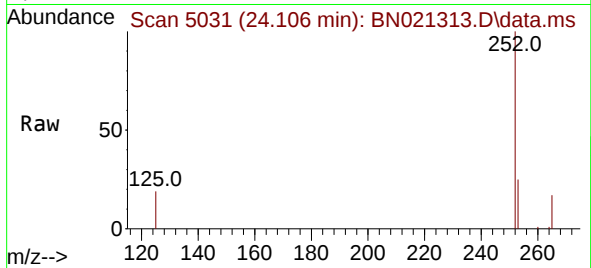




#26
Benzo(a)pyrene
Concen: 0.341 ng/ul
RT: 24.106 min Scan# 5032
Delta R.T. -0.003 min
Lab File: BN021313.D
Acq: 22 Aug 2022 23:09

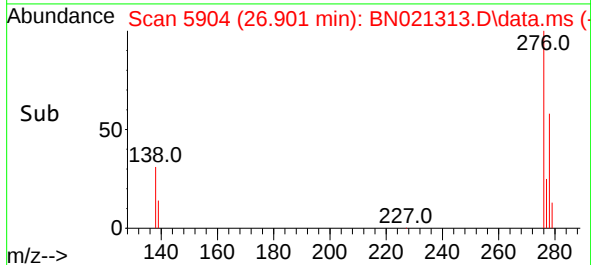
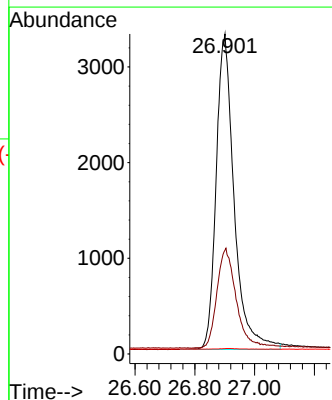
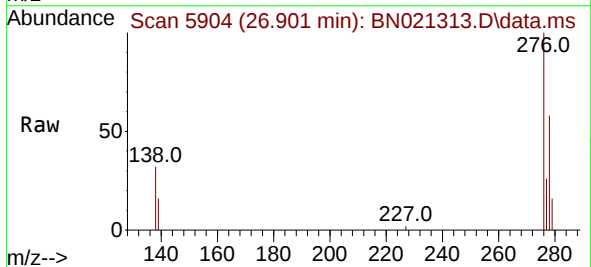
Instrument :
BNA_N
ClientSampleId :
SSTD0.4294

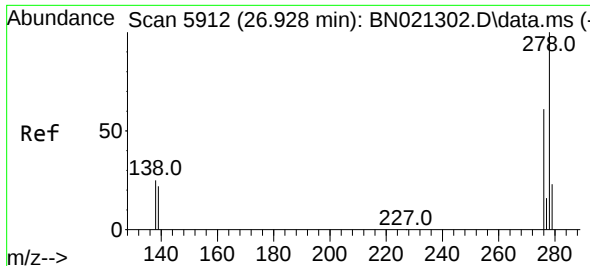
Tgt Ion:252 Resp: 10923
Ion Ratio Lower Upper
252 100
253 24.7 22.1 33.1
125 18.9 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng/ul
RT: 26.901 min Scan# 5904
Delta R.T. -0.003 min
Lab File: BN021313.D
Acq: 22 Aug 2022 23:09

Tgt Ion:276 Resp: 13773
Ion Ratio Lower Upper
276 100
138 33.7 26.1 39.1
227 0.0 0.1 0.1#

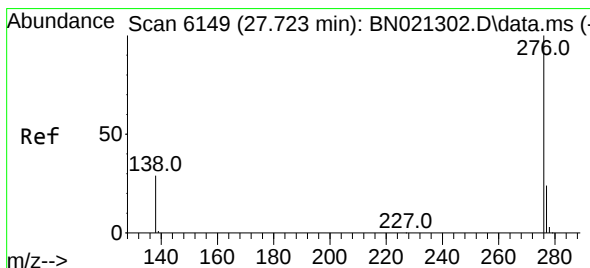
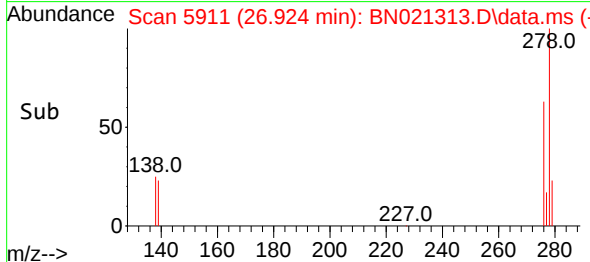
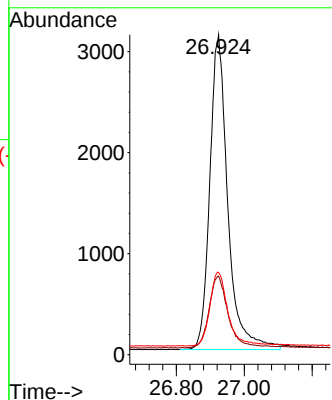
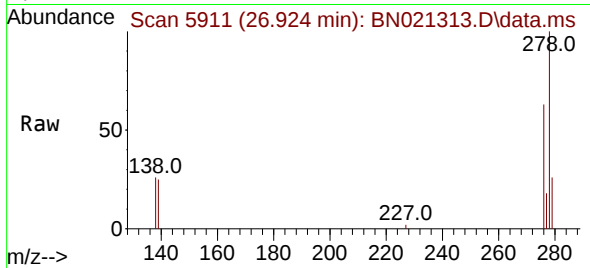




#28
 Dibenzo(a,h)anthracene
 Concen: 0.370 ng/ul
 RT: 26.924 min Scan# 5911
 Delta R.T. -0.003 min
 Lab File: BN021313.D
 Acq: 22 Aug 2022 23:09

Instrument :
 BNA_N
 ClientSampleId :
 SST00.4294

Tgt Ion:278 Resp: 11446
 Ion Ratio Lower Upper
 278 100
 139 24.6 18.3 27.5
 279 25.7 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.344 ng/ul
 RT: 27.716 min Scan# 6147
 Delta R.T. -0.007 min
 Lab File: BN021313.D
 Acq: 22 Aug 2022 23:09

Tgt Ion:276 Resp: 12837
 Ion Ratio Lower Upper
 276 100
 138 29.3 22.6 34.0
 277 25.2 20.2 30.2

