

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062122\
 Data File : BN020313.D
 Acq On : 21 Jun 2022 18:28
 Operator : CG/JU
 Sample : PB145581BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS581

Quant Time: Jun 22 00:08:40 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:13:51 2022
 Response via : Initial Calibration

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

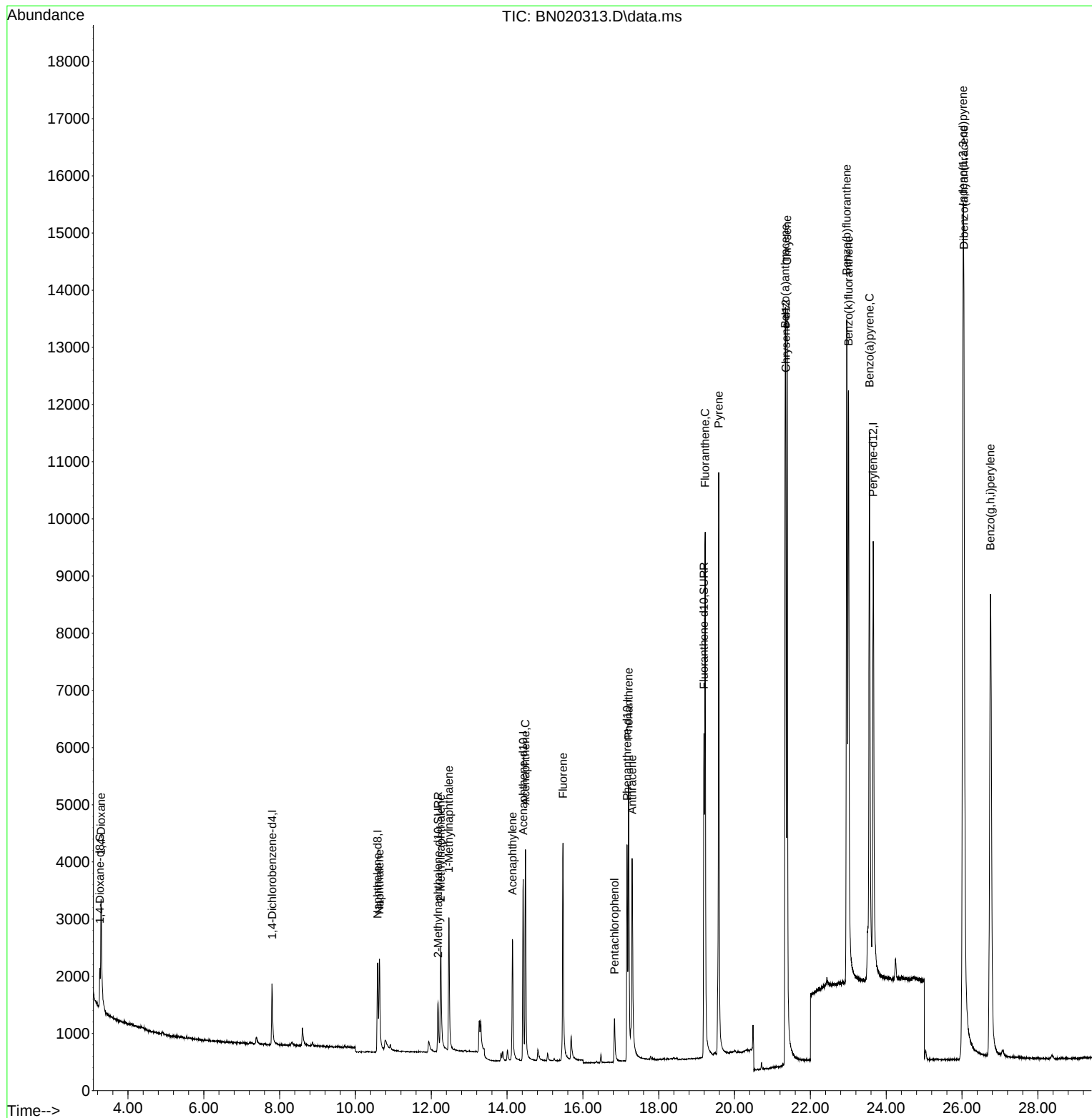
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	779	0.400	ng/ul	0.00
4) Naphthalene-d8	10.584	136	2837	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.423	164	2047	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.166	188	5439	0.400	ng/ul	0.00
17) Chrysene-d12	21.352	240	9089	0.400	ng/ul	0.00
23) Perylene-d12	23.658	264	11455	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	589	0.662	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	1555	0.331	ng/ul	0.00
18) Fluoranthene-d10	19.192	212	7018	0.374	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.290	88	1438	1.680	ng/ul#	67
5) Naphthalene	10.634	128	2764	0.305	ng/ul	98
7) 2-Methylnaphthalene	12.250	142	1776	0.303	ng/ul	99
8) 1-Methylnaphthalene	12.465	142	1967	0.341	ng/ul	98
10) Acenaphthylene	14.141	152	3211	0.328	ng/ul	98
11) Acenaphthene	14.483	153	2576	0.275	ng/ul	99
12) Fluorene	15.473	166	3092	0.319	ng/ul	98
14) Pentachlorophenol	16.833	266	713	0.683	ng/ul	99
15) Phenanthrene	17.204	178	6117	0.311	ng/ul	99
16) Anthracene	17.297	178	5282	0.317	ng/ul	99
19) Fluoranthene	19.225	202	8869	0.242	ng/ul	99
20) Pyrene	19.583	202	9904	0.249	ng/ul	98
21) Benzo(a)anthracene	21.334	228	10724	0.304	ng/ul	99
22) Chrysene	21.387	228	12368	0.282	ng/ul	99
24) Benzo(b)fluoranthene	22.959	252	16063	0.196	ng/ul	99
25) Benzo(k)fluoranthene	23.006	252	15605	0.205	ng/ul	100
26) Benzo(a)pyrene	23.558	252	16076	0.310	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.029	276	21706	0.257	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.049	278	17497	0.260	ng/ul	99
29) Benzo(g,h,i)perylene	26.753	276	19673	0.264	ng/ul	99

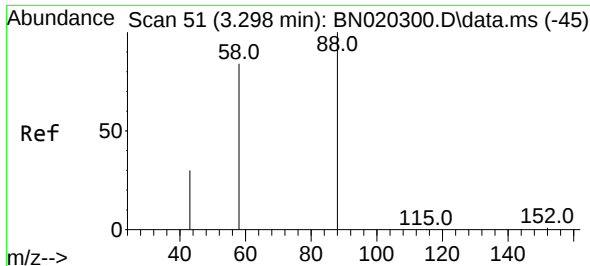
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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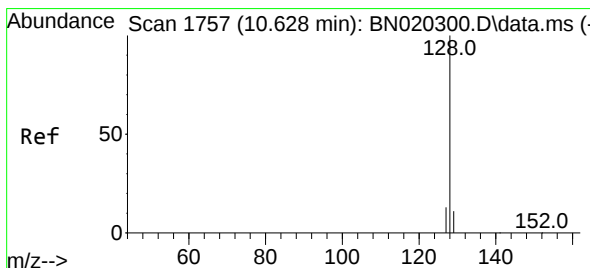
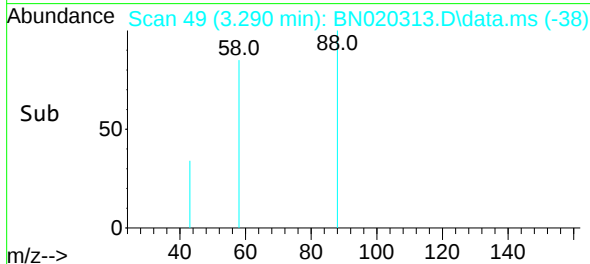
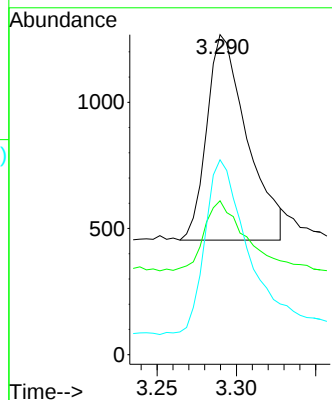
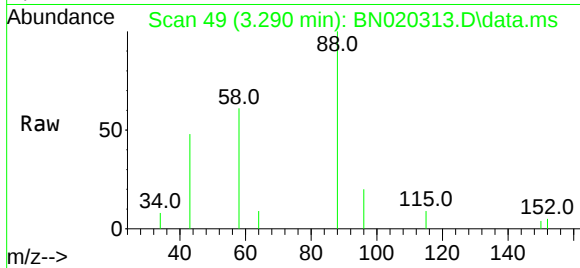




#2
 1,4-Dioxane
 Concen: 1.680 ng/ul
 RT: 3.290 min Scan# 49
 Delta R.T. -0.004 min
 Lab File: BN020313.D
 Acq: 21 Jun 2022 18:28

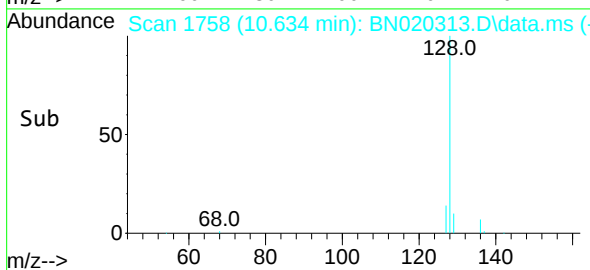
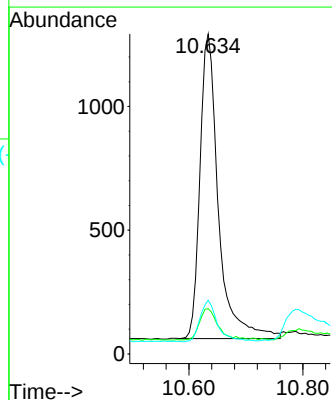
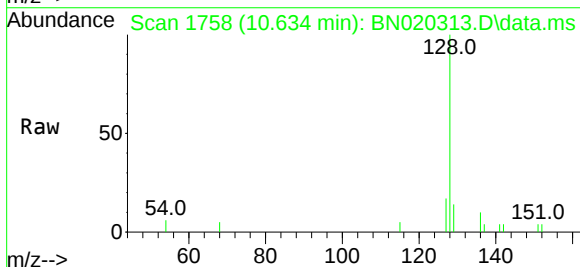
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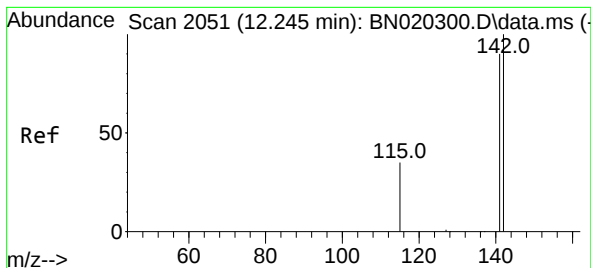
Tgt Ion: 88 Resp: 1438
 Ion Ratio Lower Upper
 88 100
 43 48.1 31.6 47.4#
 58 60.9 23.8 35.6#



#5
 Naphthalene
 Concen: 0.305 ng/ul
 RT: 10.634 min Scan# 1758
 Delta R.T. -0.000 min
 Lab File: BN020313.D
 Acq: 21 Jun 2022 18:28

Tgt Ion: 128 Resp: 2764
 Ion Ratio Lower Upper
 128 100
 129 14.2 11.0 16.4
 127 16.8 12.8 19.2

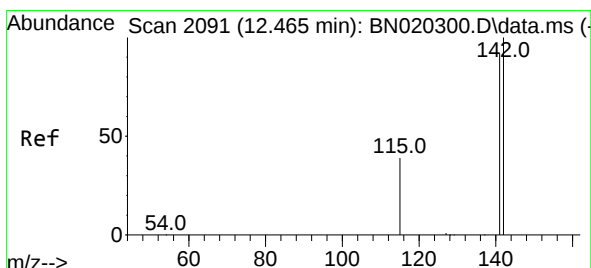
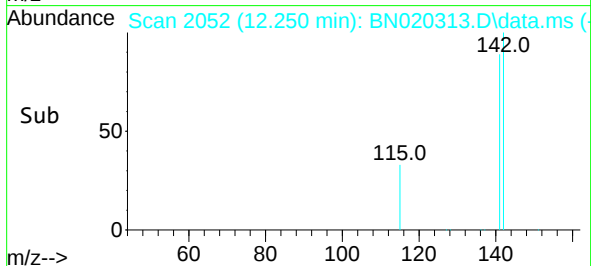
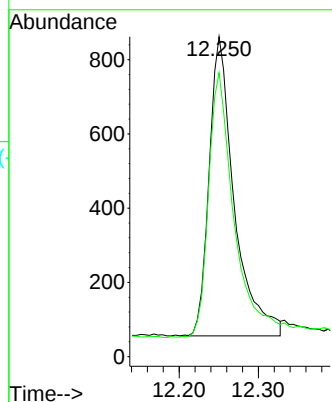
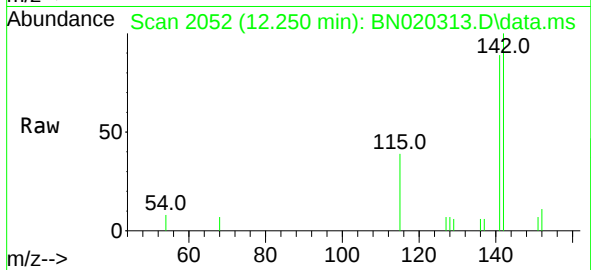




#7
2-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.250 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BN020313.D
Acq: 21 Jun 2022 18:28

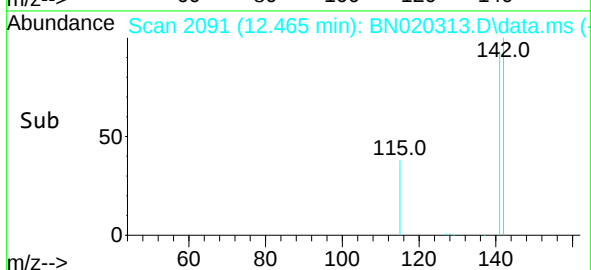
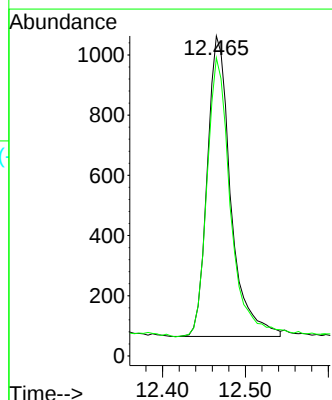
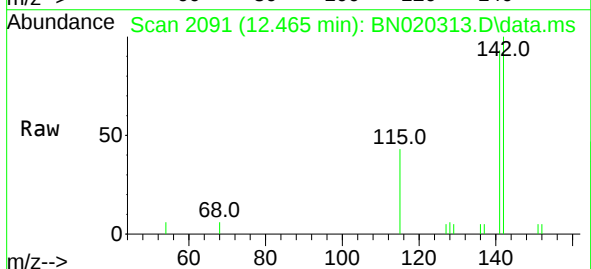
Instrument :
BNA_N
ClientSampleId :
SLCS581

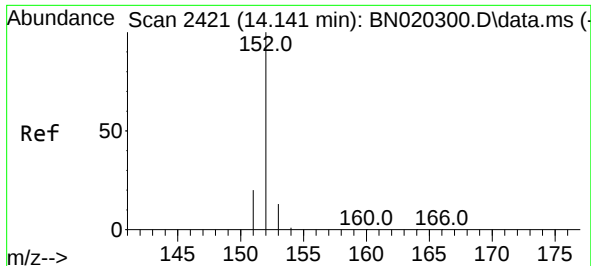
Tgt Ion:142 Resp: 1776
Ion Ratio Lower Upper
142 100
141 90.4 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN020313.D
Acq: 21 Jun 2022 18:28

Tgt Ion:142 Resp: 1967
Ion Ratio Lower Upper
142 100
141 93.2 73.4 110.0

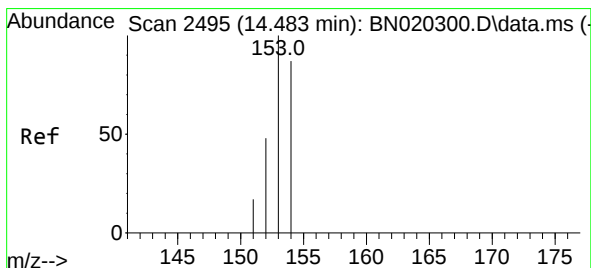
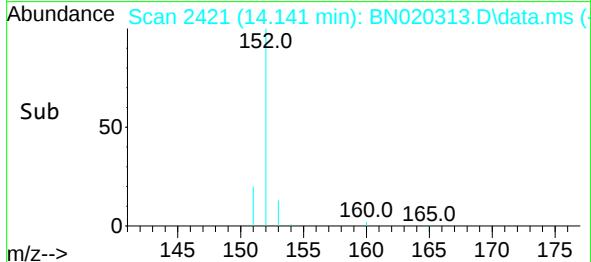
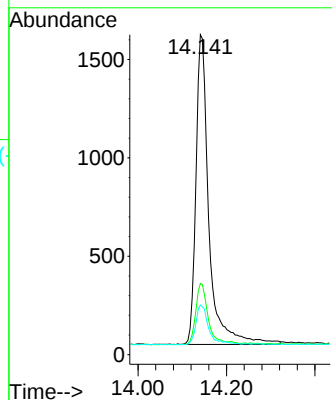
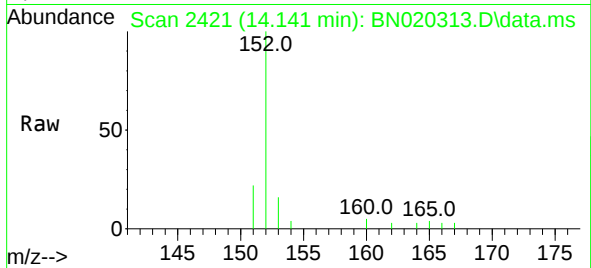




#10
Acenaphthylene
Concen: 0.328 ng/ul
RT: 14.141 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BN020313.D
Acq: 21 Jun 2022 18:28

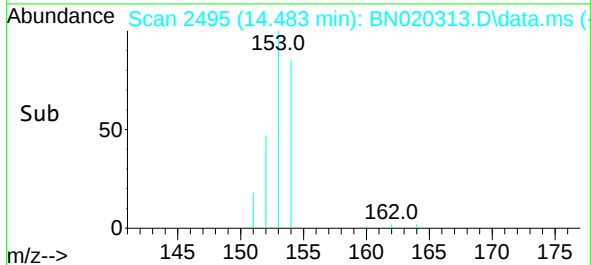
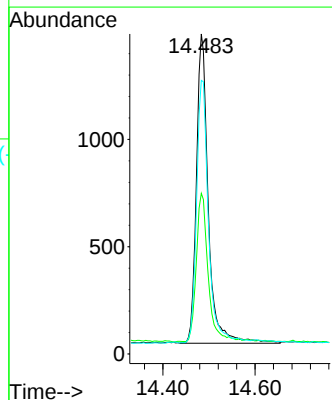
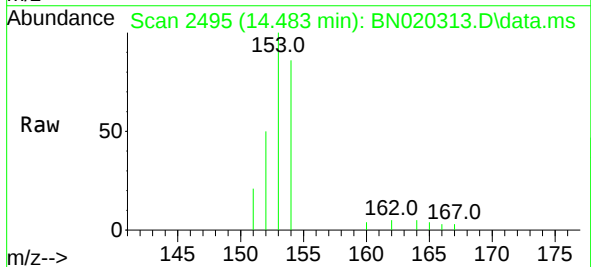
Instrument :
BNA_N
ClientSampleId :
SLCS581

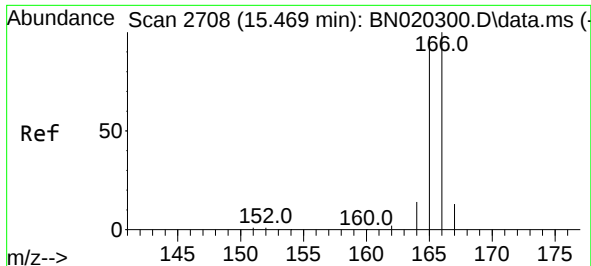
Tgt Ion:152	Resp:	3211
Ion Ratio	Lower	Upper
152	100	
151	22.3	17.2 25.8
153	15.6	11.7 17.5



#11
Acenaphthene
Concen: 0.275 ng/ul
RT: 14.483 min Scan# 2495
Delta R.T. -0.000 min
Lab File: BN020313.D
Acq: 21 Jun 2022 18:28

Tgt Ion:153	Resp:	2576
Ion Ratio	Lower	Upper
153	100	
152	50.2	39.9 59.9
154	85.5	69.2 103.8

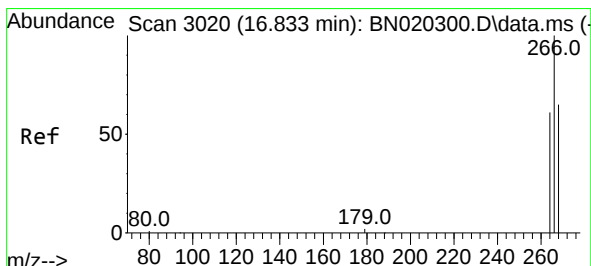
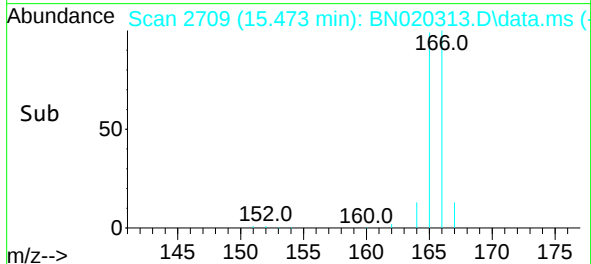
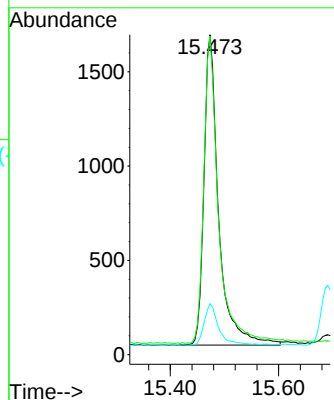
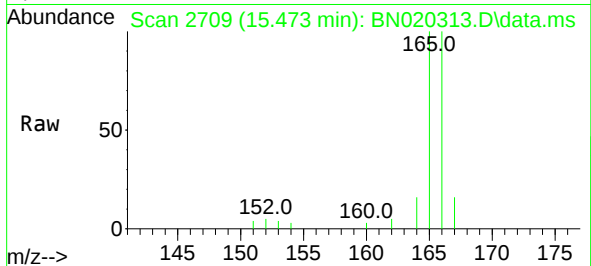




#12
Fluorene
Concen: 0.319 ng/ul
RT: 15.473 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN020313.D
Acq: 21 Jun 2022 18:28

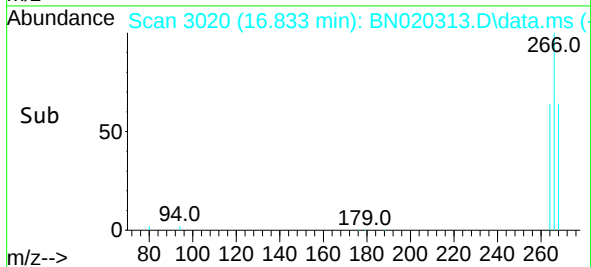
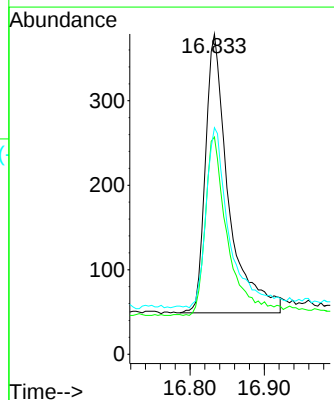
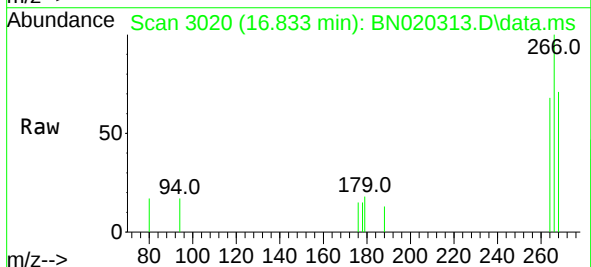
Instrument :
BNA_N
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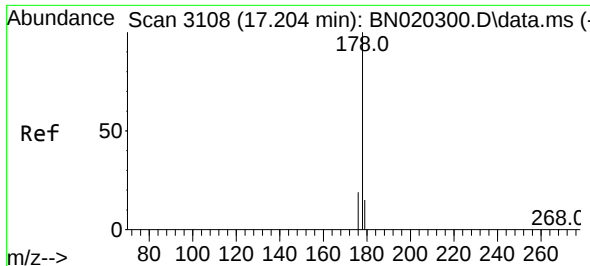
Tgt Ion:166 Resp: 3092
Ion Ratio Lower Upper
166 100
165 99.5 78.2 117.4
167 16.0 12.1 18.1



#14
Pentachlorophenol
Concen: 0.683 ng/ul
RT: 16.833 min Scan# 3020
Delta R.T. -0.004 min
Lab File: BN020313.D
Acq: 21 Jun 2022 18:28

Tgt Ion:266 Resp: 713
Ion Ratio Lower Upper
266 100
264 62.8 49.8 74.8
268 64.1 51.8 77.6

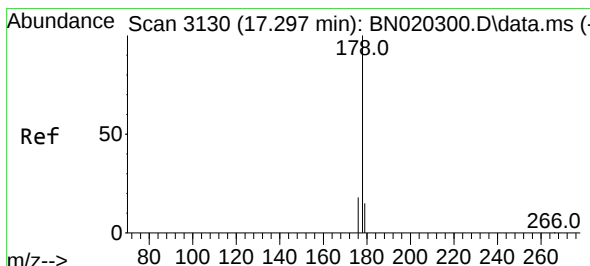
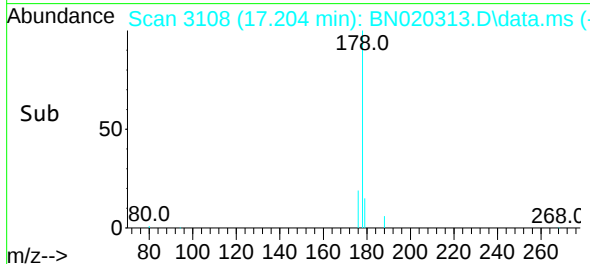
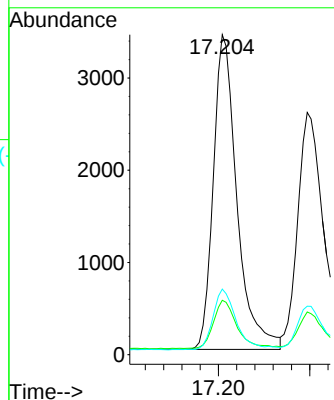
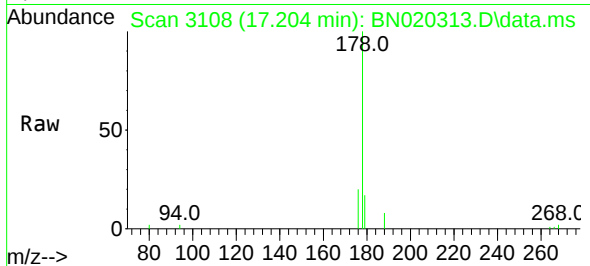




#15
Phenanthrene
Concen: 0.311 ng/ul
RT: 17.204 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BN020313.D
Acq: 21 Jun 2022 18:28

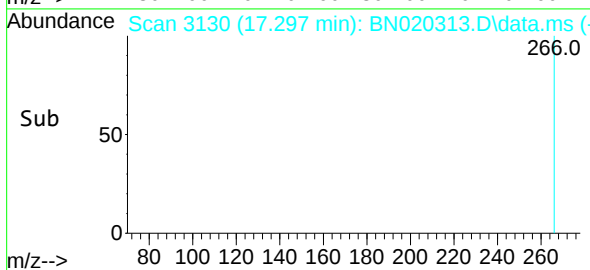
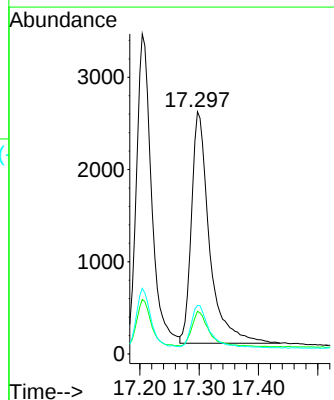
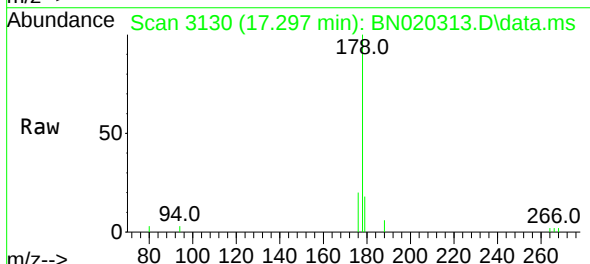
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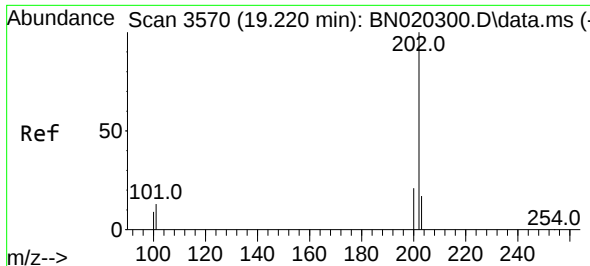
Tgt Ion:	178	Resp:	6117
Ion Ratio	Lower	Upper	
178	100		
179	17.0	13.4	20.0
176	20.5	15.8	23.6



#16
Anthracene
Concen: 0.317 ng/ul
RT: 17.297 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BN020313.D
Acq: 21 Jun 2022 18:28

Tgt Ion:	178	Resp:	5282
Ion Ratio	Lower	Upper	
178	100		
179	17.6	13.8	20.8
176	20.0	15.6	23.4

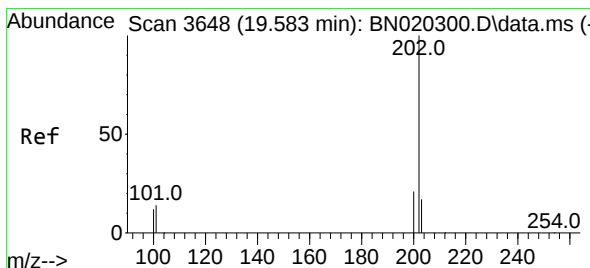
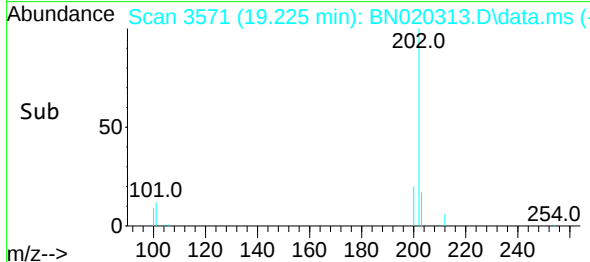
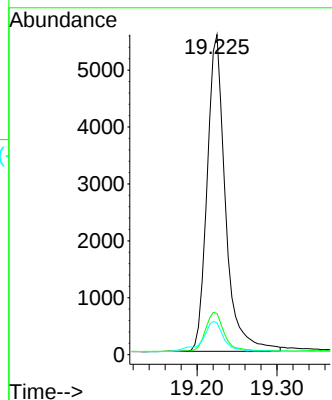
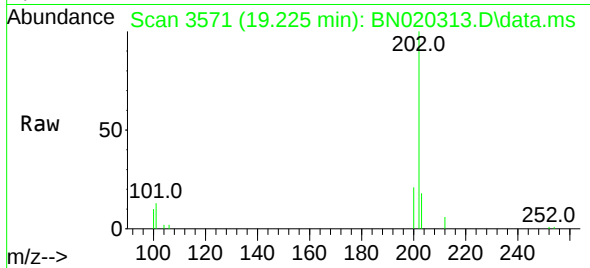




#19
Fluoranthene
Concen: 0.242 ng/ul
RT: 19.225 min Scan# 3571
Delta R.T. -0.000 min
Lab File: BN020313.D
Acq: 21 Jun 2022 18:28

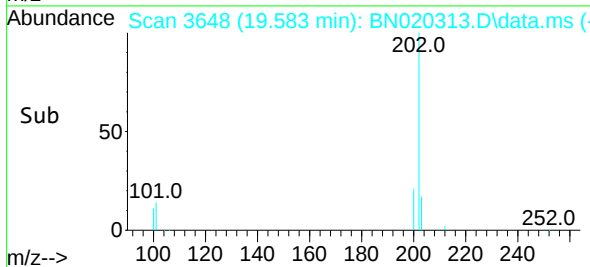
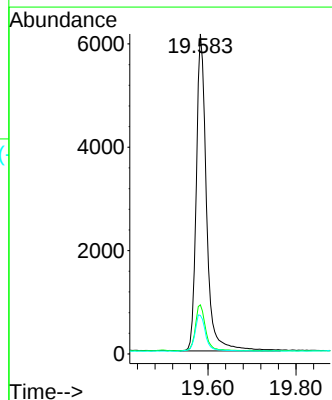
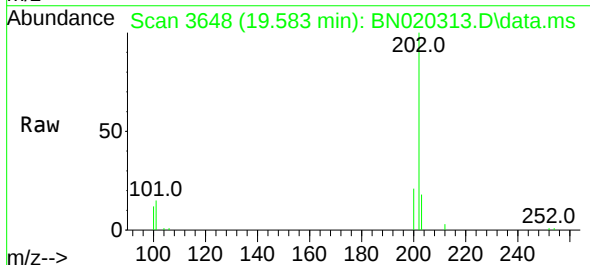
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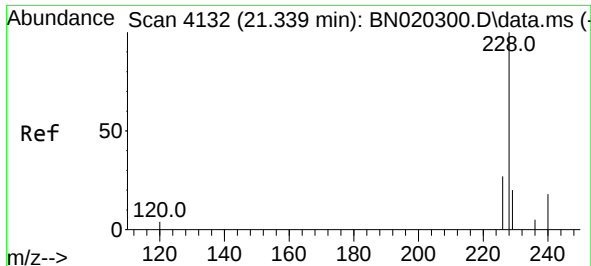
Tgt Ion:202 Resp: 8869
Ion Ratio Lower Upper
202 100
101 12.9 9.9 14.9
100 9.9 7.6 11.4



#20
Pyrene
Concen: 0.249 ng/ul
RT: 19.583 min Scan# 3648
Delta R.T. -0.000 min
Lab File: BN020313.D
Acq: 21 Jun 2022 18:28

Tgt Ion:202 Resp: 9904
Ion Ratio Lower Upper
202 100
101 15.4 12.6 19.0
100 12.0 10.3 15.5

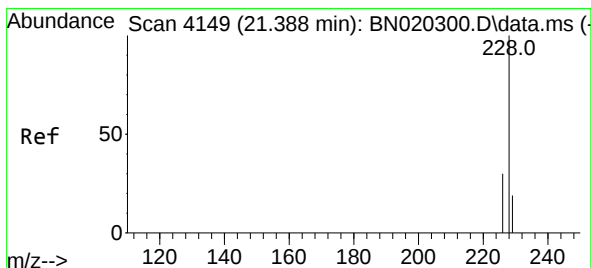
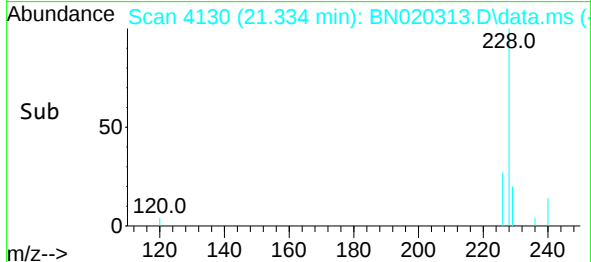
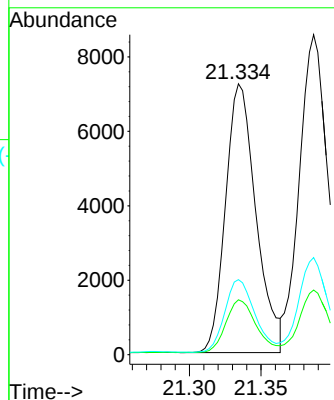
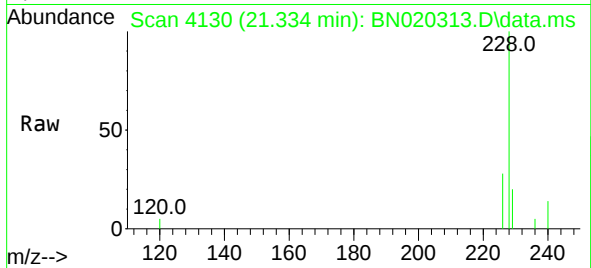




#21
Benzo(a)anthracene
Concen: 0.304 ng/ul
RT: 21.334 min Scan# 4132
Delta R.T. -0.004 min
Lab File: BN020313.D
Acq: 21 Jun 2022 18:28

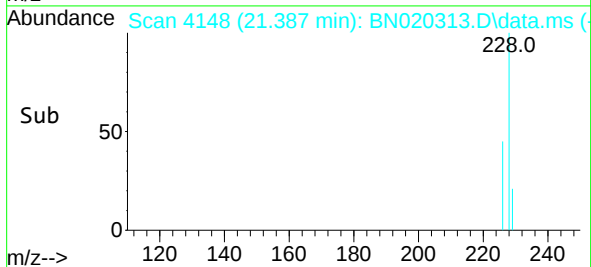
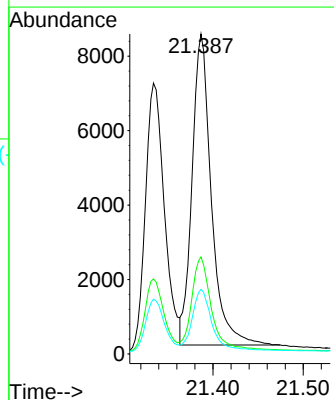
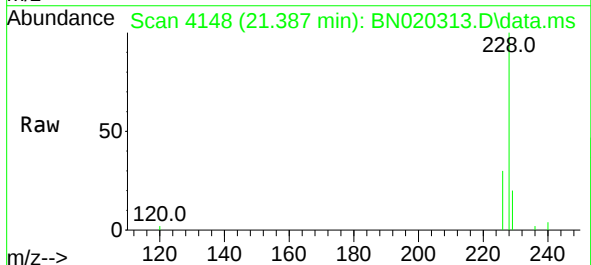
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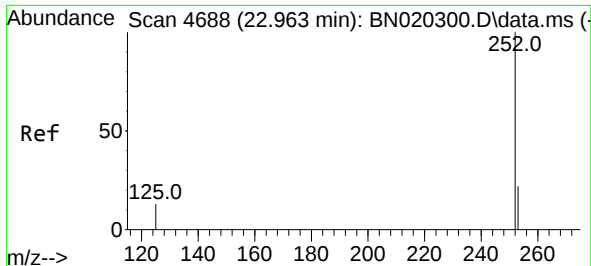
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Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 27.7 21.8 32.6



#22
Chrysene
Concen: 0.282 ng/ul
RT: 21.387 min Scan# 4148
Delta R.T. -0.001 min
Lab File: BN020313.D
Acq: 21 Jun 2022 18:28

Tgt Ion:228 Resp: 12368
Ion Ratio Lower Upper
228 100
226 30.3 24.7 37.1
229 20.2 16.0 24.0

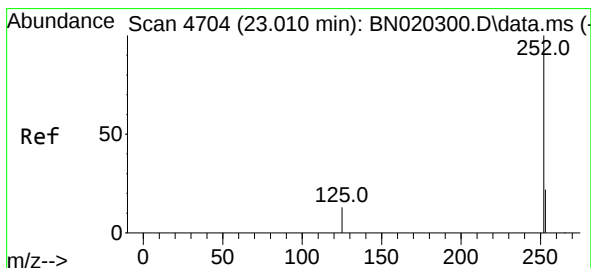
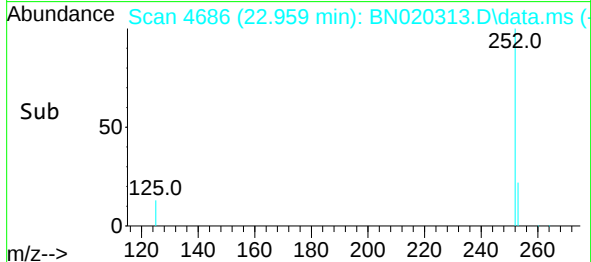
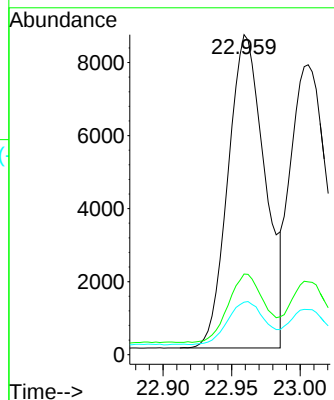
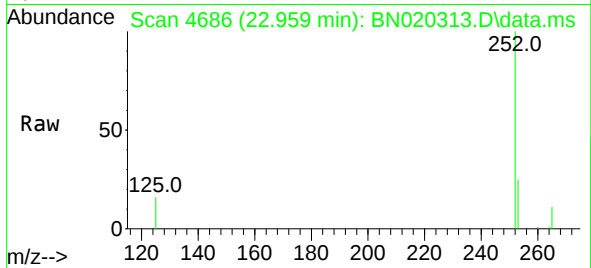




#24
Benzo(b)fluoranthene
Concen: 0.196 ng/ul
RT: 22.959 min Scan# 4686
Delta R.T. -0.007 min
Lab File: BN020313.D
Acq: 21 Jun 2022 18:28

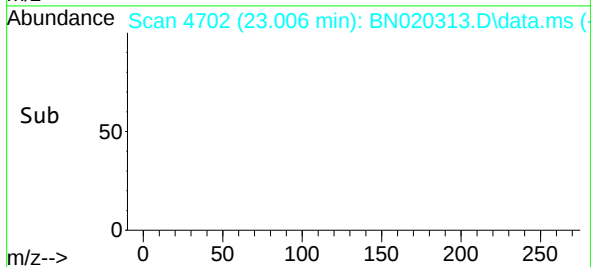
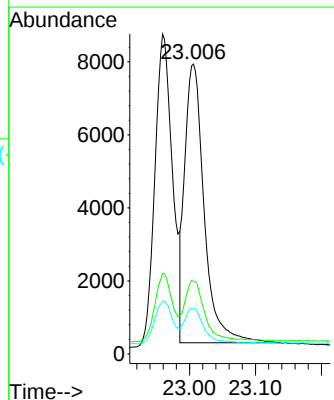
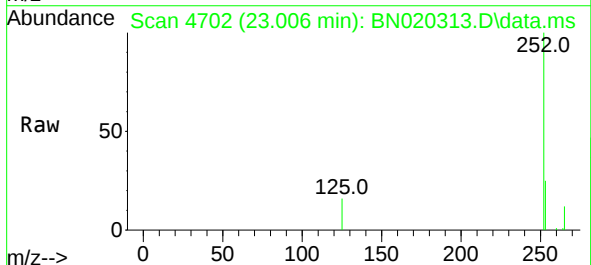
Instrument :
BNA_N
ClientSampleId :
SLCS581

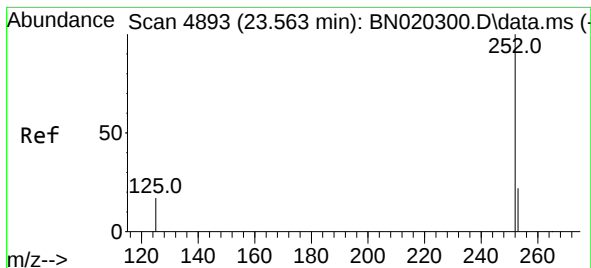
Tgt Ion:252 Resp: 16063
Ion Ratio Lower Upper
252 100
253 25.2 0.0 49.4
125 16.4 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 0.205 ng/ul
RT: 23.006 min Scan# 4702
Delta R.T. -0.004 min
Lab File: BN020313.D
Acq: 21 Jun 2022 18:28

Tgt Ion:252 Resp: 15605
Ion Ratio Lower Upper
252 100
253 25.1 20.2 30.4
125 15.5 12.3 18.5





#26

Benzo(a)pyrene

Concen: 0.310 ng/ul

RT: 23.558 min Scan# 4891

Delta R.T. -0.004 min

Lab File: BN020313.D

Acq: 21 Jun 2022 18:28

Instrument :

BNA_N

ClientSampleId :

SLCS581

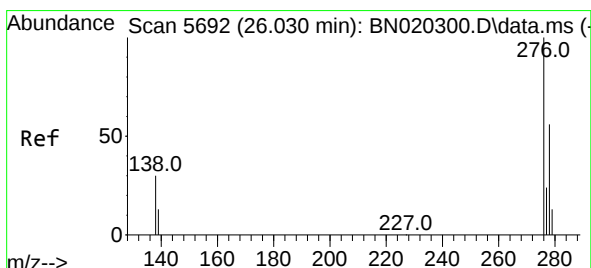
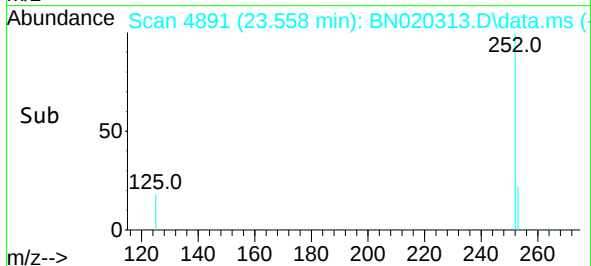
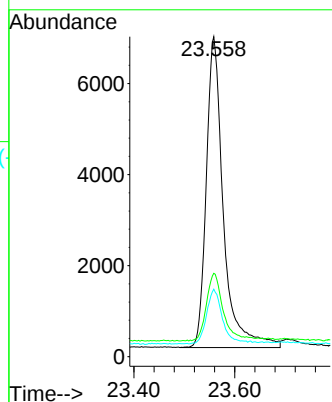
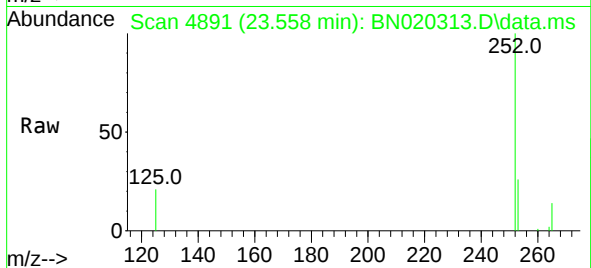
Tgt Ion:252 Resp: 16076

Ion Ratio Lower Upper

252 100

253 26.1 21.7 32.5

125 21.1 18.6 28.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.257 ng/ul

RT: 26.029 min Scan# 5691

Delta R.T. -0.012 min

Lab File: BN020313.D

Acq: 21 Jun 2022 18:28

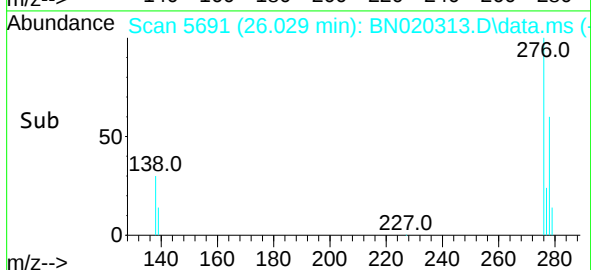
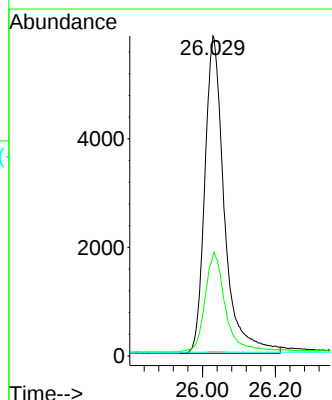
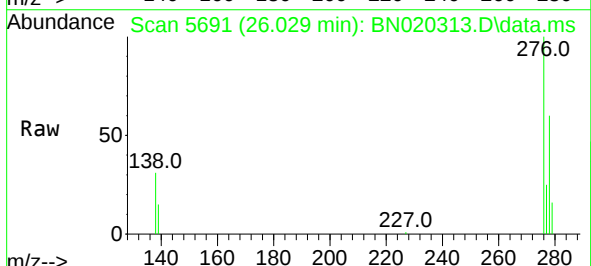
Tgt Ion:276 Resp: 21706

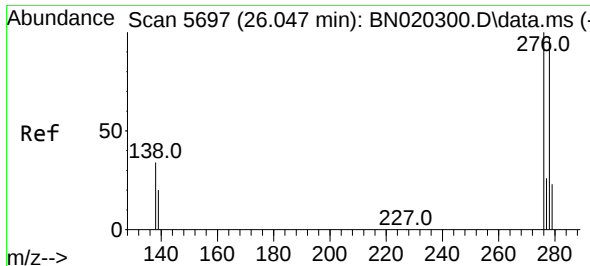
Ion Ratio Lower Upper

276 100

138 32.7 26.5 39.7

227 0.2 0.0 0.0#

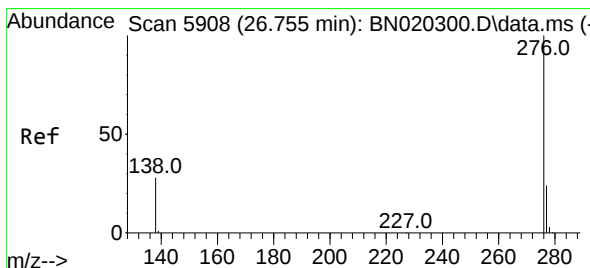
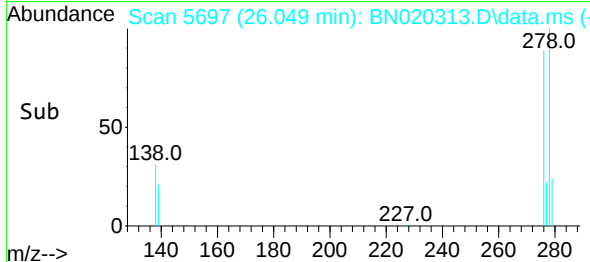
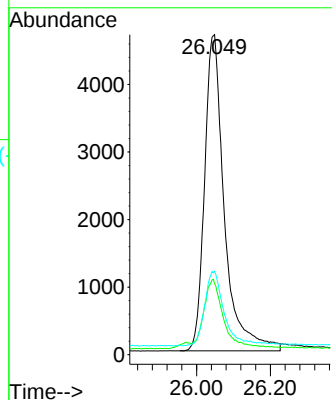
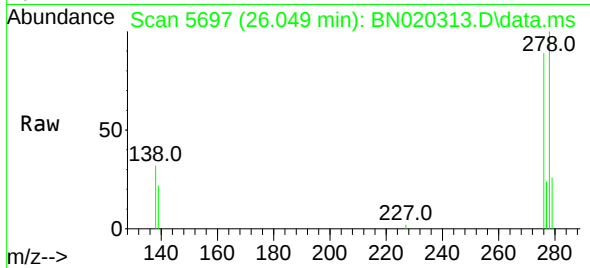




#28
 Dibenzo(a,h)anthracene
 Concen: 0.260 ng/ul
 RT: 26.049 min Scan# 5697
 Delta R.T. -0.002 min
 Lab File: BN020313.D
 Acq: 21 Jun 2022 18:28

Instrument :
 BNA_N
 ClientSampleId :
 SLCS581

Tgt Ion:278 Resp: 17497
 Ion Ratio Lower Upper
 278 100
 139 22.1 18.2 27.2
 279 26.1 20.8 31.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.264 ng/ul
 RT: 26.753 min Scan# 5907
 Delta R.T. -0.012 min
 Lab File: BN020313.D
 Acq: 21 Jun 2022 18:28

Tgt Ion:276 Resp: 19673
 Ion Ratio Lower Upper
 276 100
 138 28.7 23.0 34.4
 277 23.9 19.7 29.5

