

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
 Data File : BN021009.D
 Acq On : 05 Aug 2022 03:32
 Operator : CG/JU
 Sample : SP5663
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5663

Quant Time: Aug 05 04:21:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 03 16:31:11 2022
 Response via : Initial Calibration

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

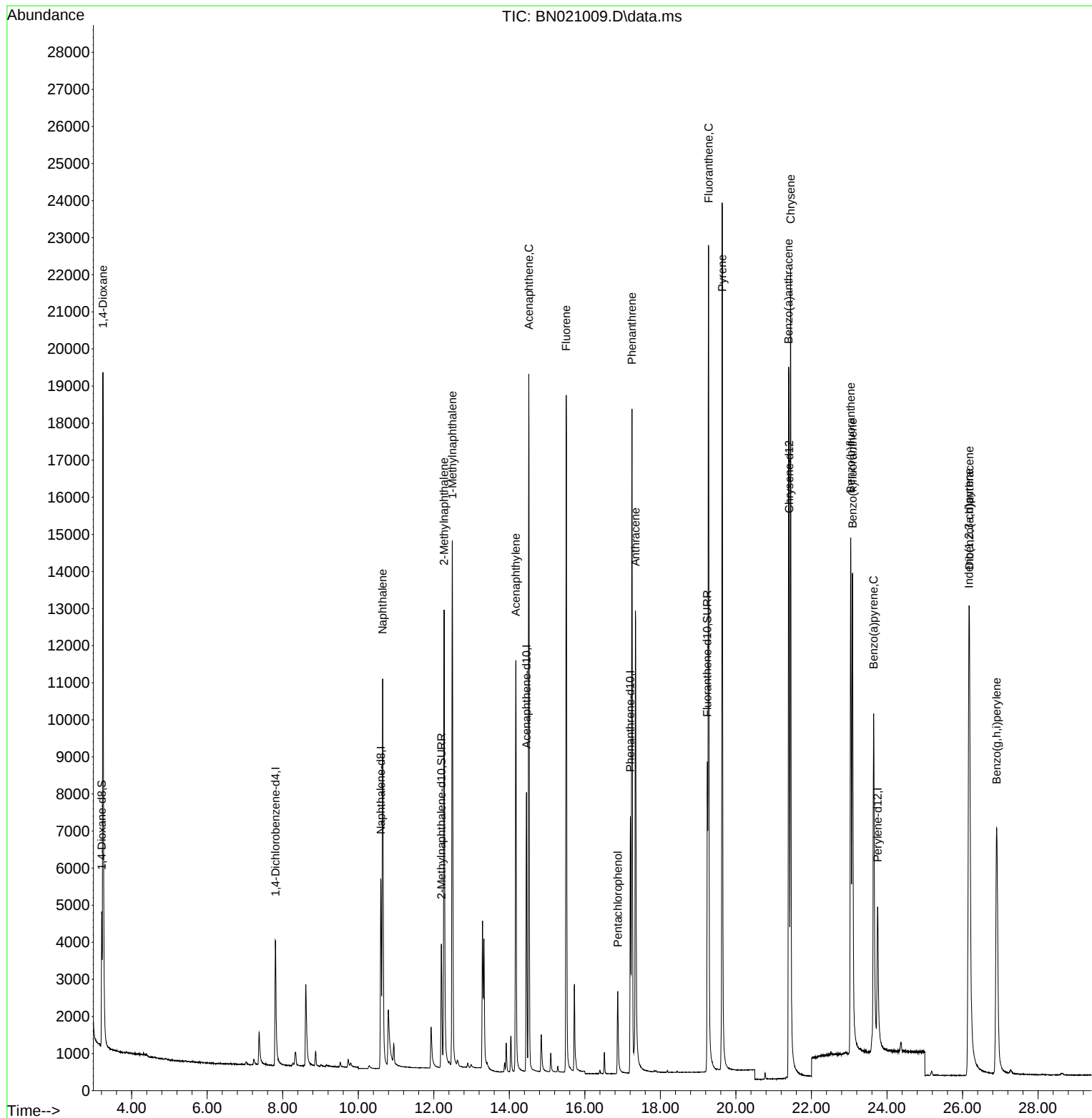
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	2480	0.400	ng/ul	0.00
4) Naphthalene-d8	10.596	136	7928	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.457	164	4462	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.205	188	8685	0.400	ng/ul	0.00
17) Chrysene-d12	21.409	240	7376	0.400	ng/ul	0.00
23) Perylene-d12	23.754	264	5988	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	2460	0.775	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.202	152	5014	0.432	ng/ul	0.00
18) Fluoranthene-d10	19.245	212	9757	0.428	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	12091	3.699	ng/ul#	80
5) Naphthalene	10.646	128	16381	0.673	ng/ul	98
7) 2-Methylnaphthalene	12.273	142	10138	0.686	ng/ul	99
8) 1-Methylnaphthalene	12.493	142	10887	0.737	ng/ul	99
10) Acenaphthylene	14.174	152	14190	0.680	ng/ul	98
11) Acenaphthene	14.517	153	11429	0.662	ng/ul	99
12) Fluorene	15.507	166	12613	0.669	ng/ul	98
14) Pentachlorophenol	16.872	266	1929	1.440	ng/ul	99
15) Phenanthrene	17.248	178	20172	0.649	ng/ul	99
16) Anthracene	17.340	178	17028	0.708	ng/ul	99
19) Fluoranthene	19.277	202	21864	0.670	ng/ul	98
20) Pyrene	19.640	202	22532	0.669	ng/ul	99
21) Benzo(a)anthracene	21.395	228	17288	0.718	ng/ul	100
22) Chrysene	21.447	228	20713	0.654	ng/ul	99
24) Benzo(b)fluoranthene	23.040	252	19006	0.686	ng/ul	96
25) Benzo(k)fluoranthene	23.087	252	19700	0.673	ng/ul	96
26) Benzo(a)pyrene	23.648	252	17212	0.681	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.169	276	18960	0.628	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.182	278	15249	0.639	ng/ul	95
29) Benzo(g,h,i)perylene	26.907	276	16653	0.618	ng/ul	99

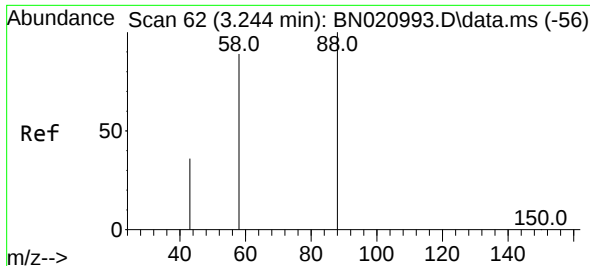
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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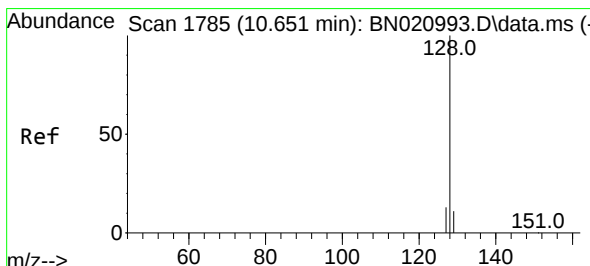
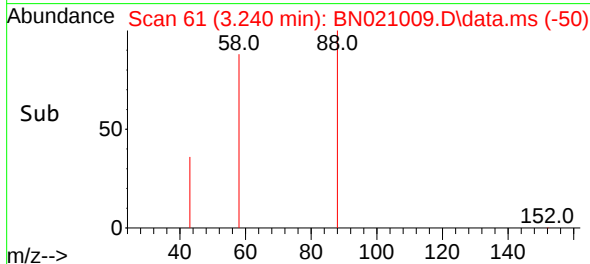
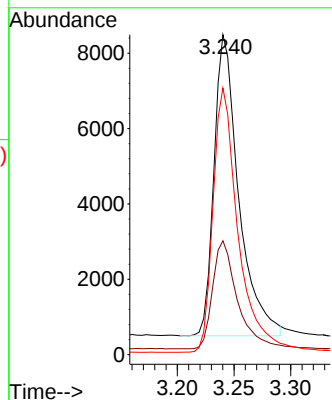
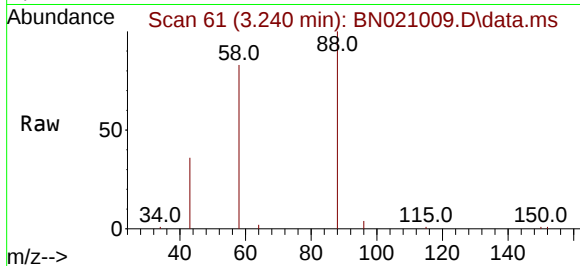




#2
 1,4-Dioxane
 Concen: 3.699 ng/ul
 RT: 3.240 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: BN021009.D
 Acq: 05 Aug 2022 03:32

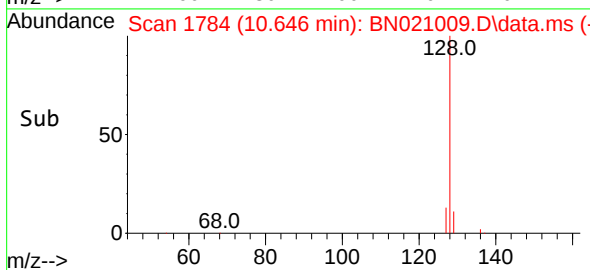
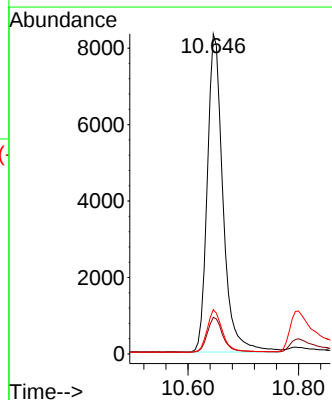
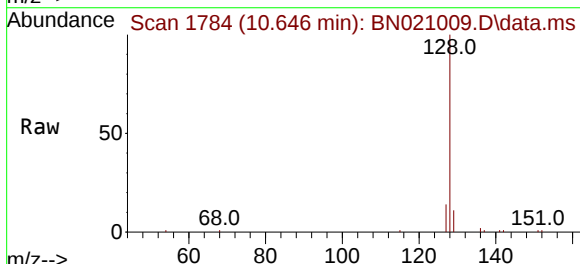
Instrument :
 BNA_N
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 SP5663

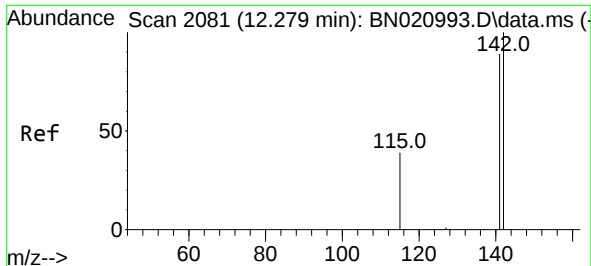
Tgt Ion: 88 Resp: 12091
 Ion Ratio Lower Upper
 88 100
 43 35.6 31.4 47.0
 58 83.4 49.0 73.6#



#5
 Naphthalene
 Concen: 0.673 ng/ul
 RT: 10.646 min Scan# 1784
 Delta R.T. -0.005 min
 Lab File: BN021009.D
 Acq: 05 Aug 2022 03:32

Tgt Ion:128 Resp: 16381
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.8 14.6
 127 13.9 11.6 17.4

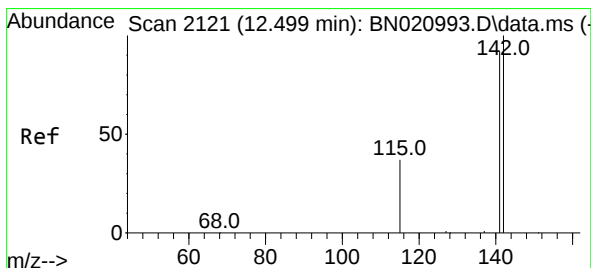
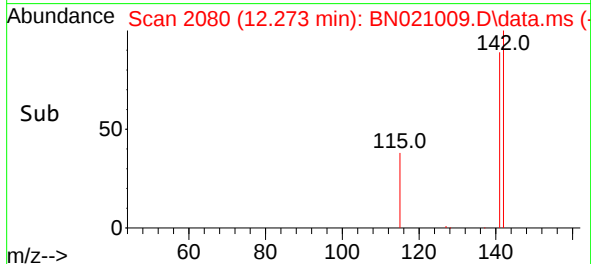
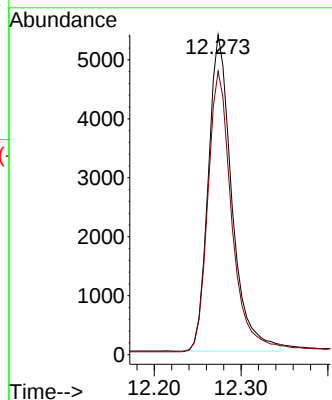
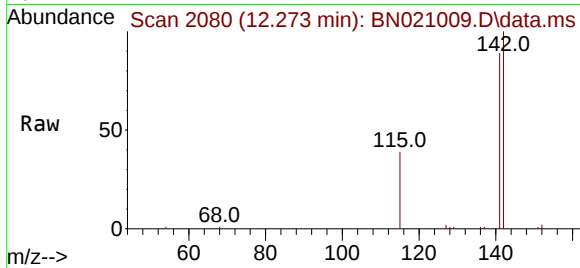




#7
2-Methylnaphthalene
Concen: 0.686 ng/ul
RT: 12.273 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BN021009.D
Acq: 05 Aug 2022 03:32

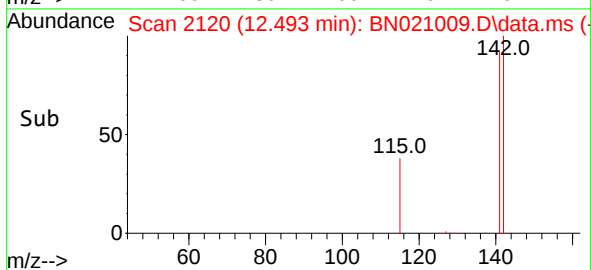
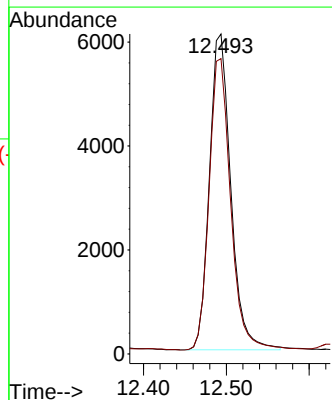
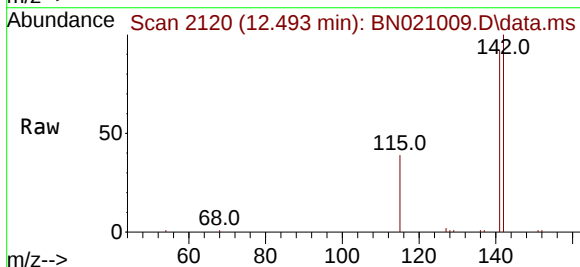
Instrument :
BNA_N
ClientSampleId :
SP5663

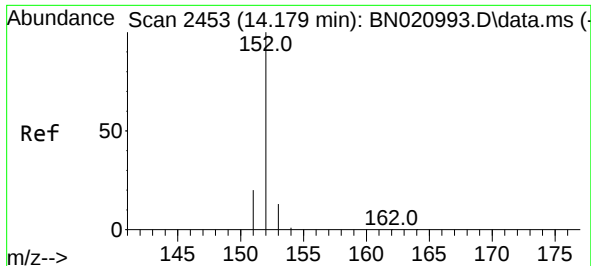
Tgt Ion:142 Resp: 10138
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.737 ng/ul
RT: 12.493 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BN021009.D
Acq: 05 Aug 2022 03:32

Tgt Ion:142 Resp: 10887
Ion Ratio Lower Upper
142 100
141 92.9 73.9 110.9

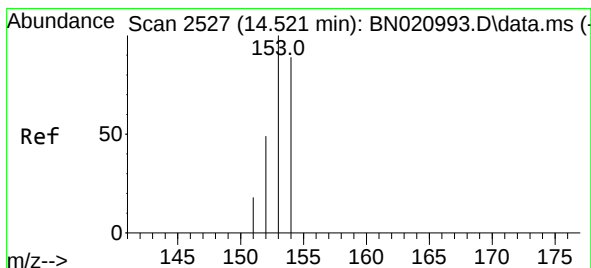
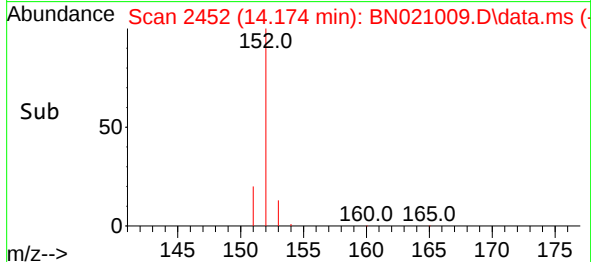
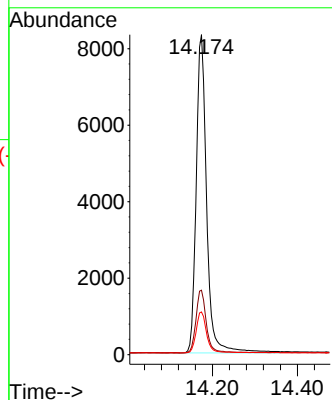
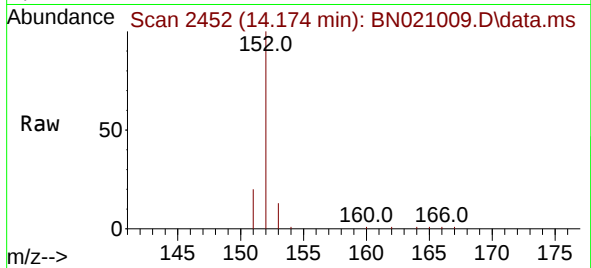




#10
Acenaphthylene
Concen: 0.680 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.005 min
Lab File: BN021009.D
Acq: 05 Aug 2022 03:32

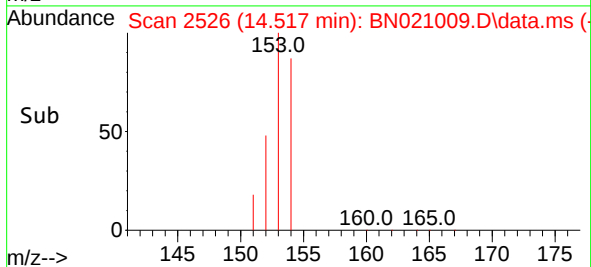
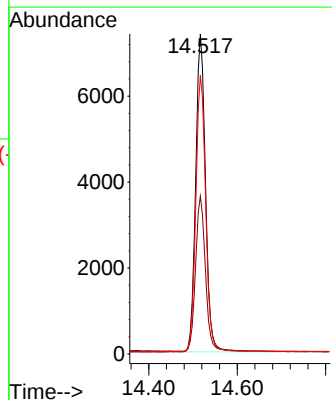
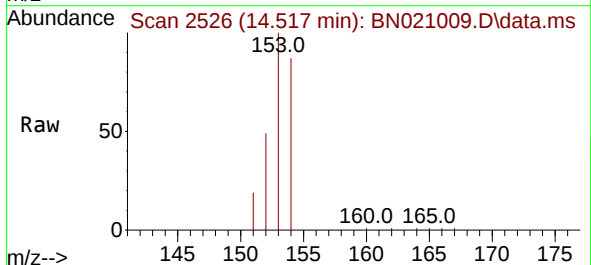
Instrument :
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ClientSampleId :
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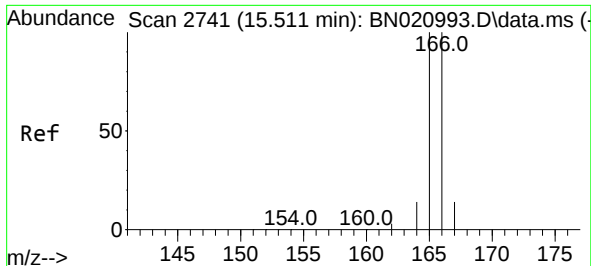
Tgt Ion:152 Resp: 14190
Ion Ratio Lower Upper
152 100
151 20.2 16.9 25.3
153 13.4 11.2 16.8



#11
Acenaphthene
Concen: 0.662 ng/ul
RT: 14.517 min Scan# 2526
Delta R.T. -0.005 min
Lab File: BN021009.D
Acq: 05 Aug 2022 03:32

Tgt Ion:153 Resp: 11429
Ion Ratio Lower Upper
153 100
152 49.3 40.2 60.4
154 87.0 70.7 106.1

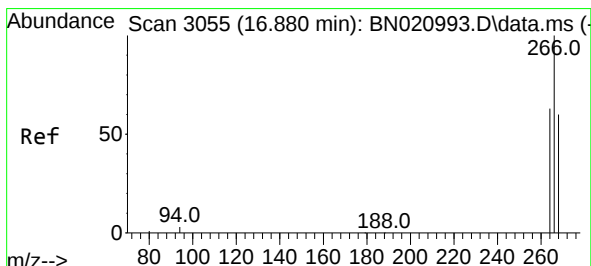
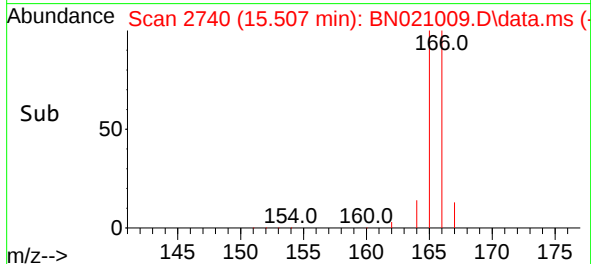
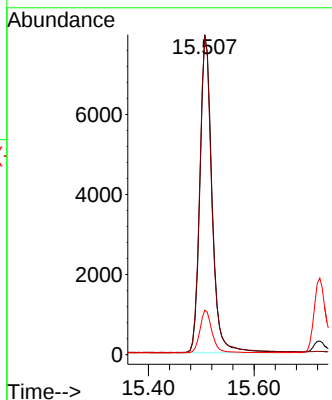
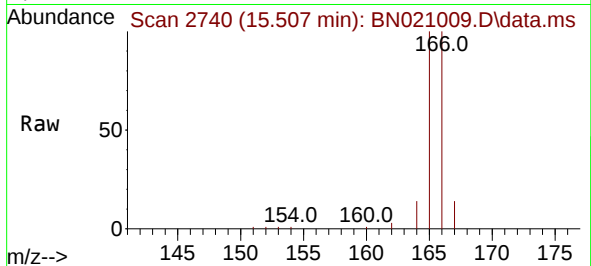




#12
 Fluorene
 Concen: 0.669 ng/ul
 RT: 15.507 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021009.D
 Acq: 05 Aug 2022 03:32

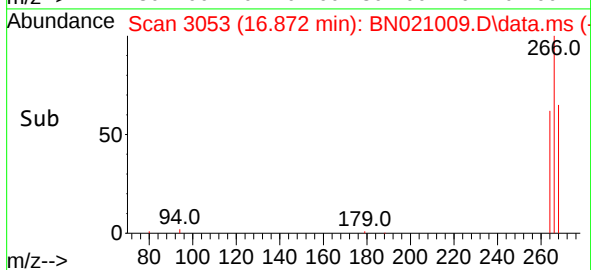
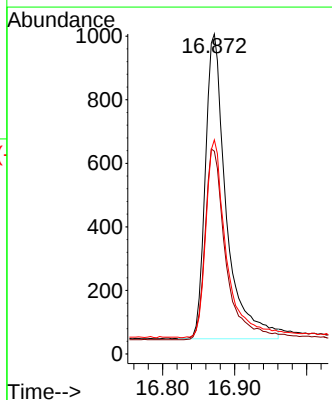
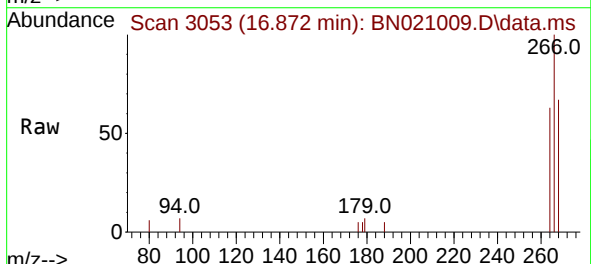
Instrument :
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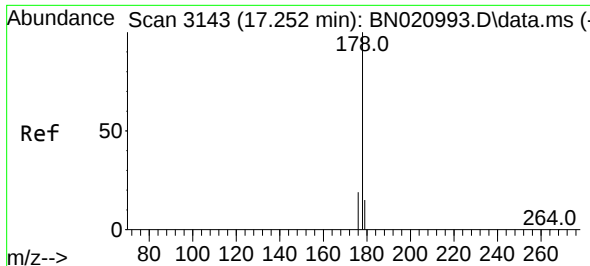
Tgt Ion:166 Resp: 12613
 Ion Ratio Lower Upper
 166 100
 165 99.6 78.6 117.8
 167 13.9 11.8 17.6



#14
 Pentachlorophenol
 Concen: 1.440 ng/ul
 RT: 16.872 min Scan# 3053
 Delta R.T. -0.008 min
 Lab File: BN021009.D
 Acq: 05 Aug 2022 03:32

Tgt Ion:266 Resp: 1929
 Ion Ratio Lower Upper
 266 100
 264 62.7 49.8 74.8
 268 64.3 50.6 75.8

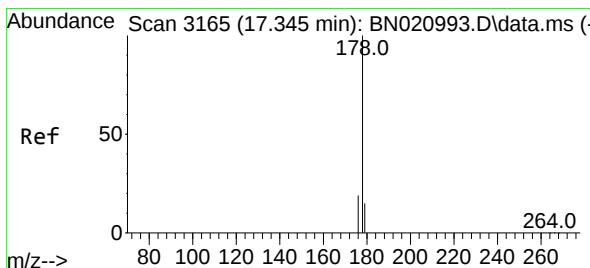
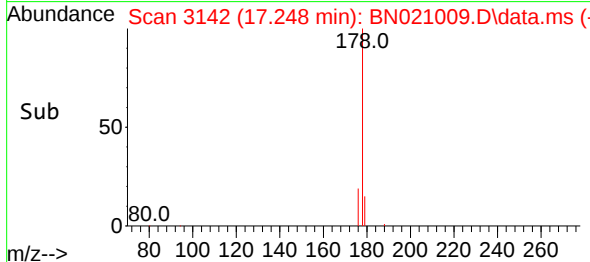
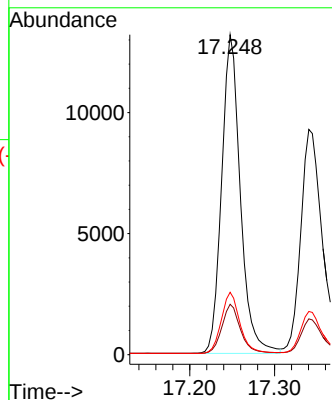
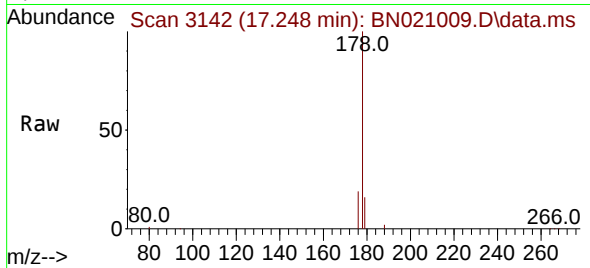




#15
Phenanthrene
Concen: 0.649 ng/ul
RT: 17.248 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BN021009.D
Acq: 05 Aug 2022 03:32

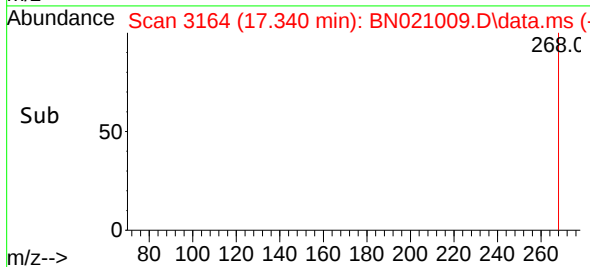
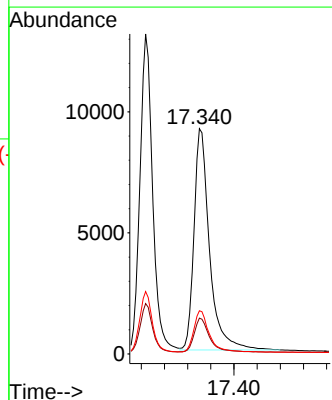
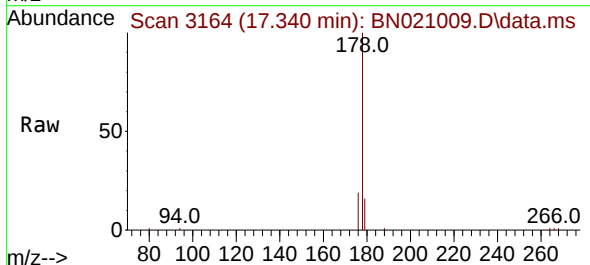
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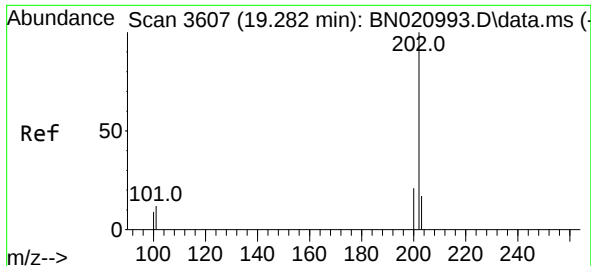
Tgt Ion:178 Resp: 20172
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 19.5 15.9 23.9



#16
Anthracene
Concen: 0.708 ng/ul
RT: 17.340 min Scan# 3164
Delta R.T. -0.008 min
Lab File: BN021009.D
Acq: 05 Aug 2022 03:32

Tgt Ion:178 Resp: 17028
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.2 15.9 23.9

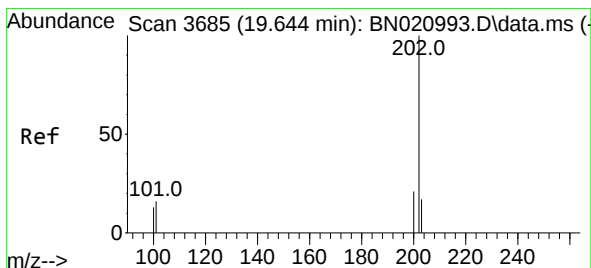
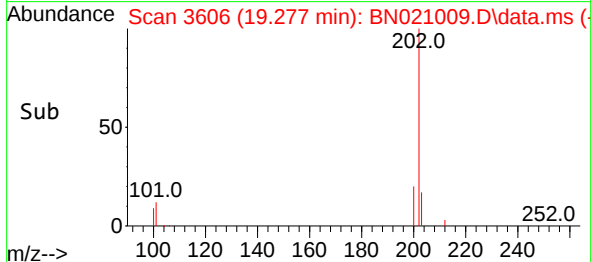
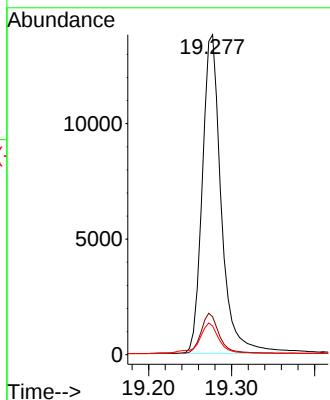
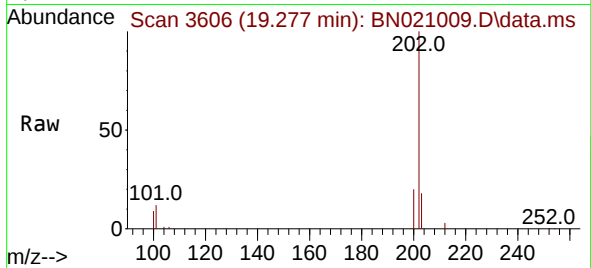




#19
Fluoranthene
Concen: 0.670 ng/u1
RT: 19.277 min Scan# 3606
Delta R.T. -0.005 min
Lab File: BN021009.D
Acq: 05 Aug 2022 03:32

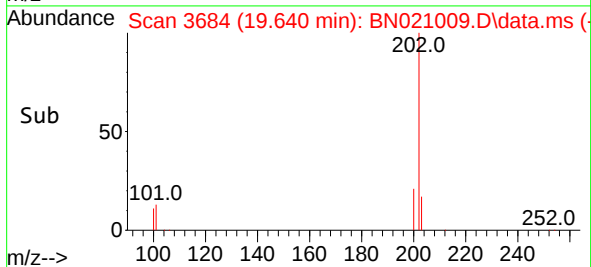
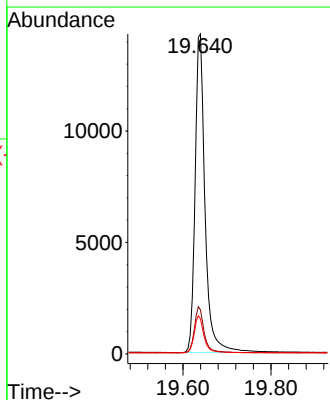
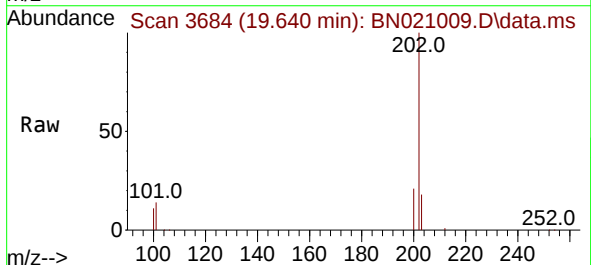
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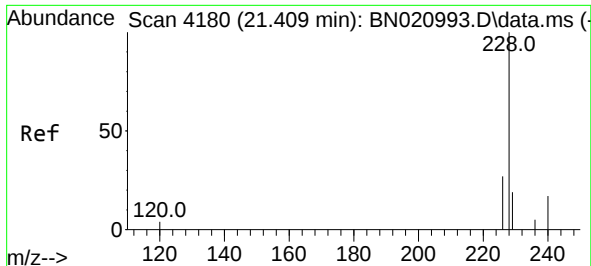
Tgt Ion:202 Resp: 21864
Ion Ratio Lower Upper
202 100
101 11.8 10.0 15.0
100 8.9 8.0 12.0



#20
Pyrene
Concen: 0.669 ng/u1
RT: 19.640 min Scan# 3684
Delta R.T. -0.005 min
Lab File: BN021009.D
Acq: 05 Aug 2022 03:32

Tgt Ion:202 Resp: 22532
Ion Ratio Lower Upper
202 100
101 13.8 11.3 16.9
100 11.0 9.0 13.4

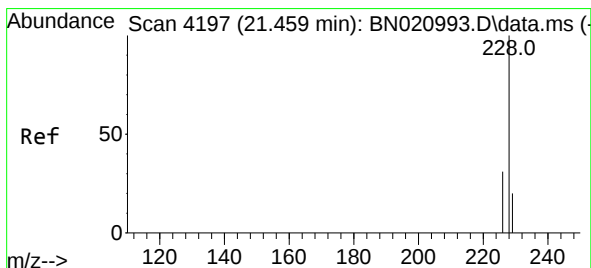
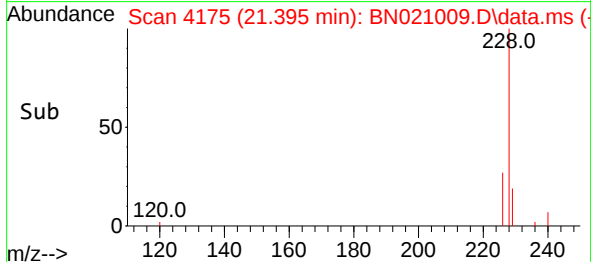
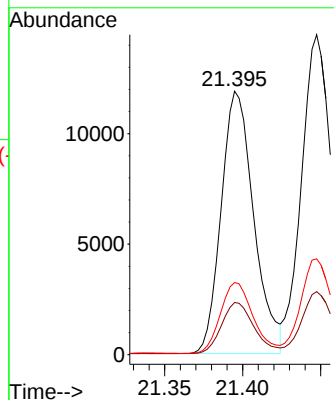
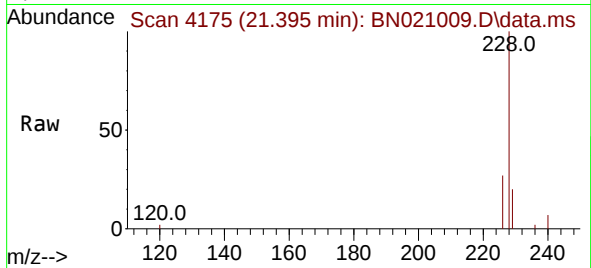




#21
Benzo(a)anthracene
Concen: 0.718 ng/ul
RT: 21.395 min Scan# 4180
Delta R.T. -0.012 min
Lab File: BN021009.D
Acq: 05 Aug 2022 03:32

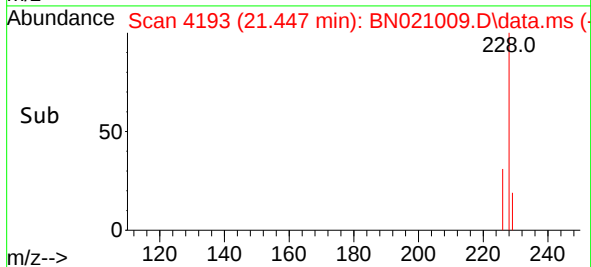
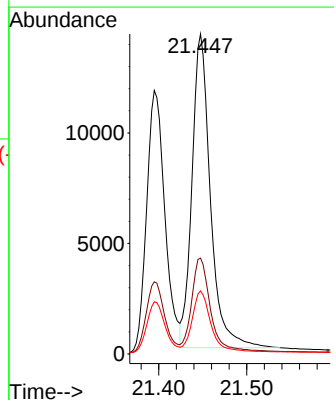
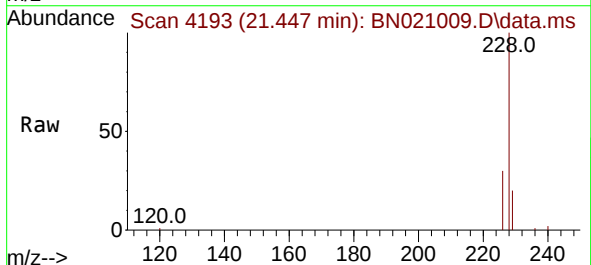
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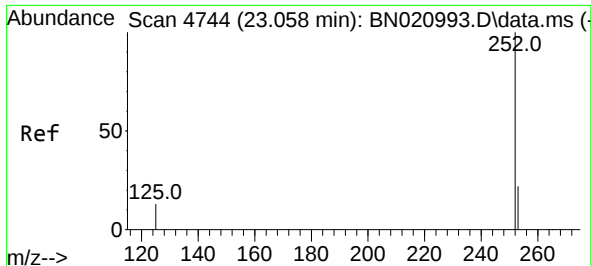
Tgt Ion:228 Resp: 17288
Ion Ratio Lower Upper
228 100
229 19.8 16.0 24.0
226 27.4 21.9 32.9



#22
Chrysene
Concen: 0.654 ng/ul
RT: 21.447 min Scan# 4193
Delta R.T. -0.012 min
Lab File: BN021009.D
Acq: 05 Aug 2022 03:32

Tgt Ion:228 Resp: 20713
Ion Ratio Lower Upper
228 100
226 29.9 24.6 37.0
229 19.7 15.8 23.8

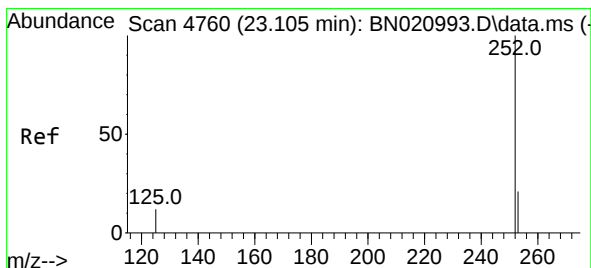
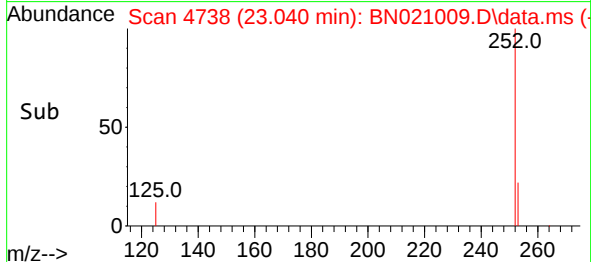
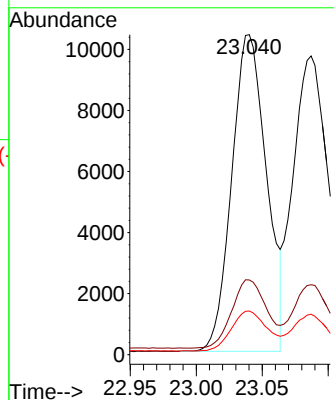
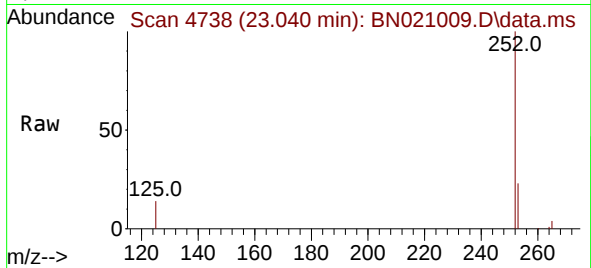




#24
Benzo(b)fluoranthene
Concen: 0.686 ng/ul
RT: 23.040 min Scan# 4744
Delta R.T. -0.012 min
Lab File: BN021009.D
Acq: 05 Aug 2022 03:32

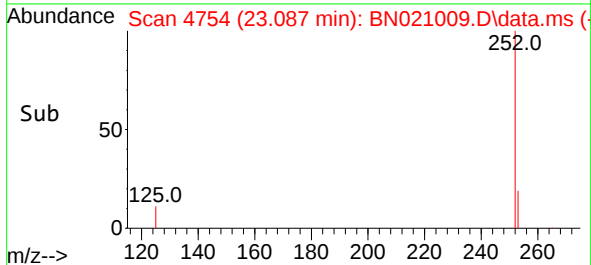
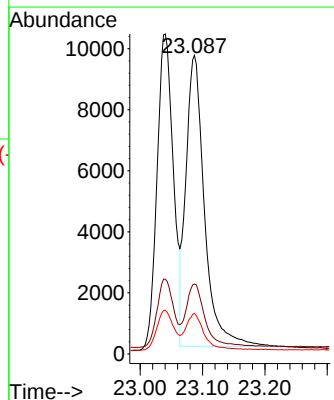
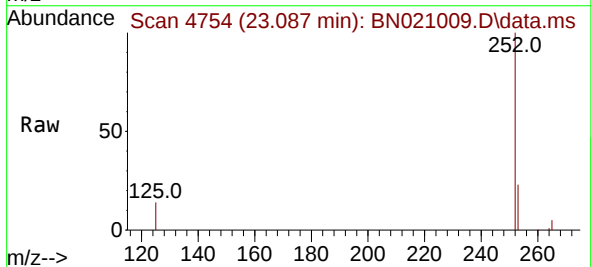
Instrument :
BNA_N
ClientSampleId :
SP5663

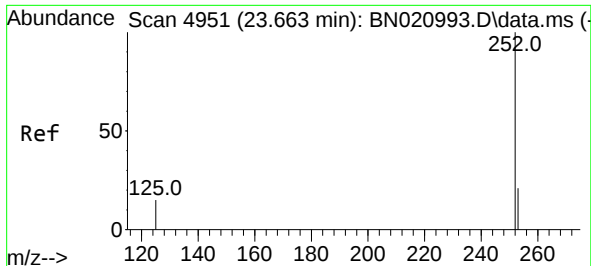
Tgt Ion:252 Resp: 19006
Ion Ratio Lower Upper
252 100
253 23.3 0.0 50.8
125 13.7 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.673 ng/ul
RT: 23.087 min Scan# 4754
Delta R.T. -0.012 min
Lab File: BN021009.D
Acq: 05 Aug 2022 03:32

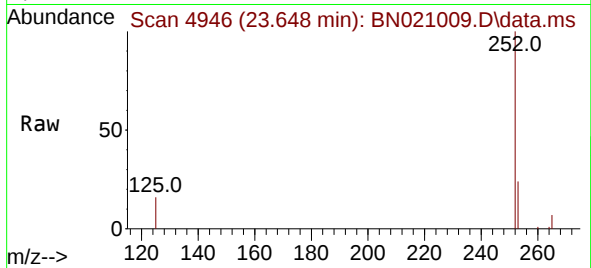
Tgt Ion:252 Resp: 19700
Ion Ratio Lower Upper
252 100
253 23.4 20.6 31.0
125 13.5 11.8 17.6



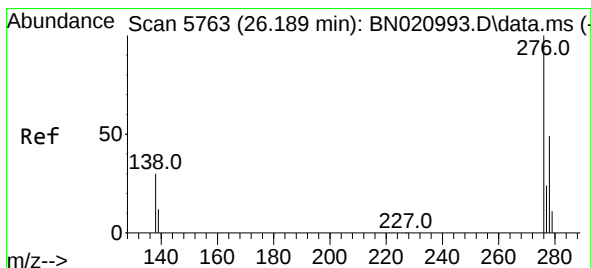
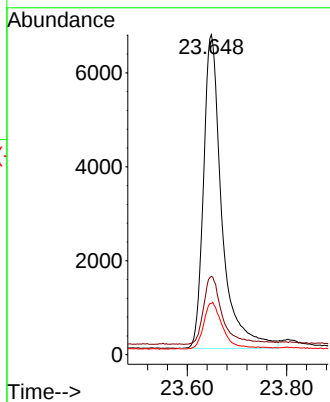
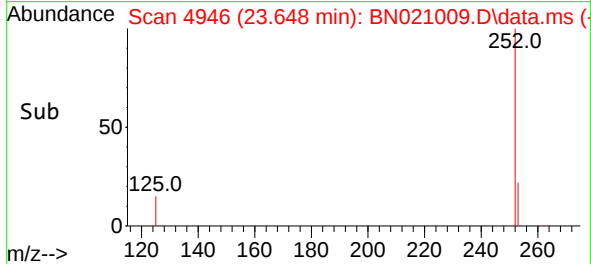


#26
Benzo(a)pyrene
Concen: 0.681 ng/ul
RT: 23.648 min Scan# 4946
Delta R.T. -0.012 min
Lab File: BN021009.D
Acq: 05 Aug 2022 03:32

Instrument :
BNA_N
ClientSampleId :
SP5663

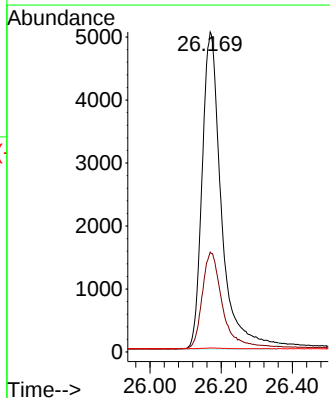
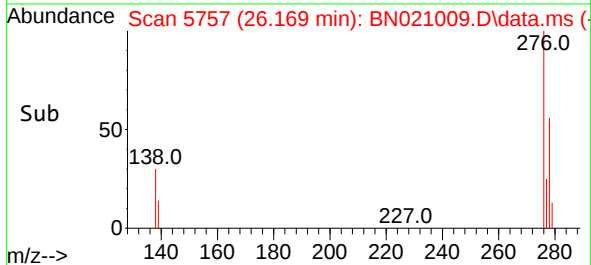
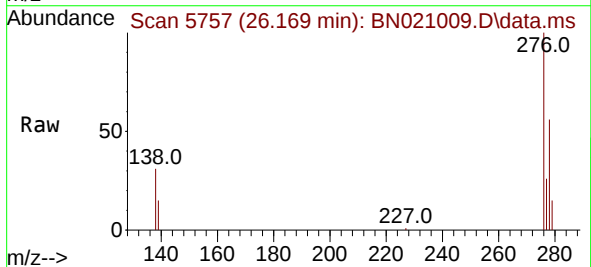


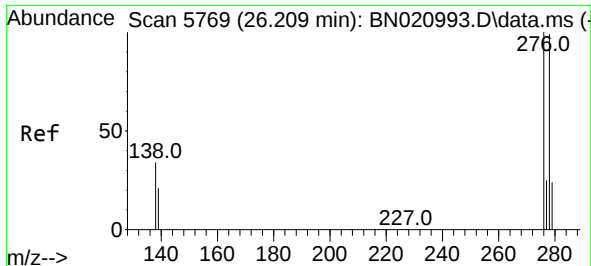
Tgt Ion:252 Resp: 17212
Ion Ratio Lower Upper
252 100
253 24.5 22.1 33.1
125 16.0 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.628 ng/ul
RT: 26.169 min Scan# 5757
Delta R.T. -0.017 min
Lab File: BN021009.D
Acq: 05 Aug 2022 03:32

Tgt Ion:276 Resp: 18960
Ion Ratio Lower Upper
276 100
138 32.3 26.1 39.1
227 0.3 0.1 0.1#

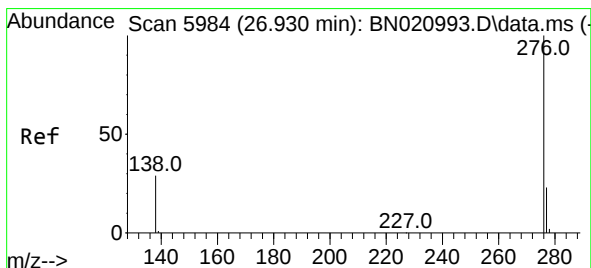
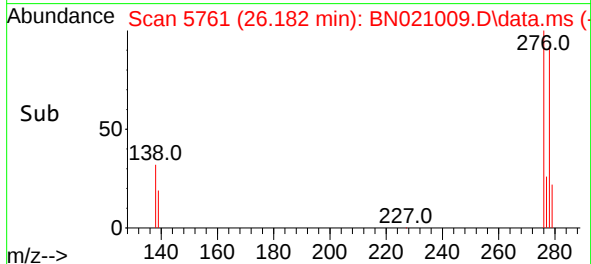
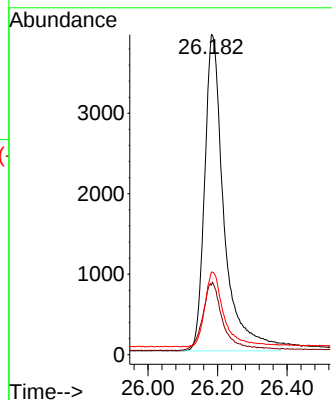
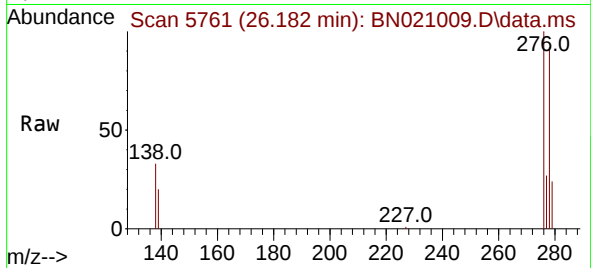




#28
Dibenzo(a,h)anthracene
Concen: 0.639 ng/ul
RT: 26.182 min Scan# 51
Delta R.T. -0.027 min
Lab File: BN021009.D
Acq: 05 Aug 2022 03:32

Instrument :
BNA_N
ClientSampleId :
SP5663

Tgt Ion:278 Resp: 15249
Ion Ratio Lower Upper
278 100
139 21.8 18.3 27.5
279 25.8 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.618 ng/ul
RT: 26.907 min Scan# 5977
Delta R.T. -0.023 min
Lab File: BN021009.D
Acq: 05 Aug 2022 03:32

Tgt Ion:276 Resp: 16653
Ion Ratio Lower Upper
276 100
138 27.8 22.6 34.0
277 25.3 20.2 30.2

