

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072222\
 Data File : BN020821.D
 Acq On : 22 Jul 2022 15:33
 Operator : CG/JU
 Sample : N3809-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YBE68MS

Quant Time: Jul 22 23:36:01 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 01:02:30 2022
 Response via : Initial Calibration

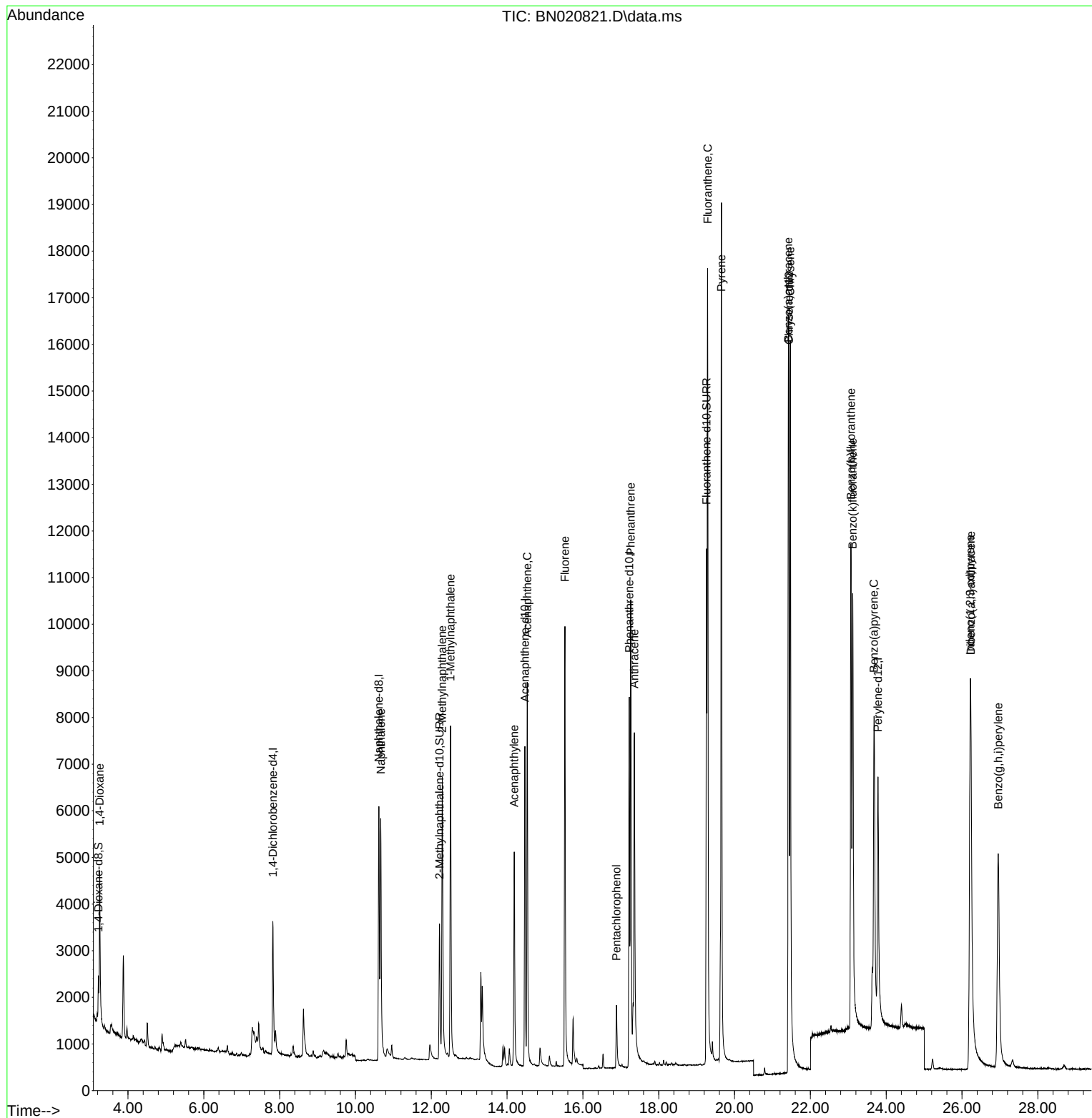
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	2059	0.400	ng/u1	0.00
4) Naphthalene-d8	10.617	136	8791	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.470	164	4295	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.222	188	10295	0.400	ng/u1	0.00
17) Chrysene-d12	21.433	240	10079	0.400	ng/u1	0.00
23) Perylene-d12	23.783	264	8154	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	675	0.283	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.218	152	4540	0.315	ng/u1	0.00
18) Fluoranthene-d10	19.258	212	13049	0.393	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	2190	0.899	ng/u1	92
5) Naphthalene	10.667	128	8495	0.313	ng/u1	100
7) 2-Methylnaphthalene	12.289	142	5233	0.288	ng/u1	99
8) 1-Methylnaphthalene	12.509	142	5658	0.329	ng/u1	99
10) Acenaphthylene	14.188	152	6457	0.317	ng/u1	99
11) Acenaphthene	14.530	153	5235	0.321	ng/u1	100
12) Fluorene	15.525	166	6974	0.361	ng/u1	99
14) Pentachlorophenol	16.884	266	1207	0.581	ng/u1	100
15) Phenanthrene	17.260	178	12113	0.338	ng/u1	99
16) Anthracene	17.357	178	9959	0.322	ng/u1	99
19) Fluoranthene	19.291	202	16750	0.364	ng/u1	100
20) Pyrene	19.653	202	17580	0.368	ng/u1	99
21) Benzo(a)anthracene	21.418	228	12983	0.359	ng/u1	100
22) Chrysene	21.471	228	15532	0.385	ng/u1	100
24) Benzo(b)fluoranthene	23.069	252	14689	0.389	ng/u1	99
25) Benzo(k)fluoranthene	23.116	252	14835	0.389	ng/u1	99
26) Benzo(a)pyrene	23.677	252	12862	0.375	ng/u1	96
27) Indeno(1,2,3-cd)pyrene	26.216	276	13785	0.404	ng/u1	100
28) Dibenzo(a,h)anthracene	26.232	278	10889	0.395	ng/u1	99
29) Benzo(g,h,i)perylene	26.957	276	12334	0.421	ng/u1	99

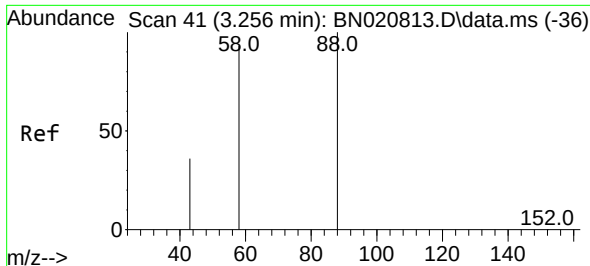
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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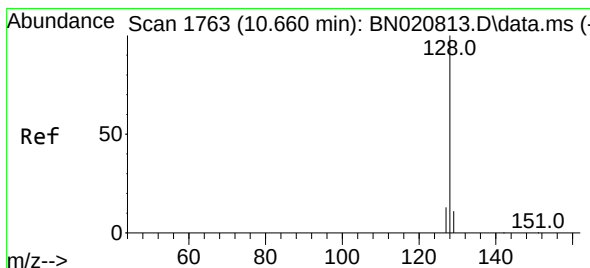
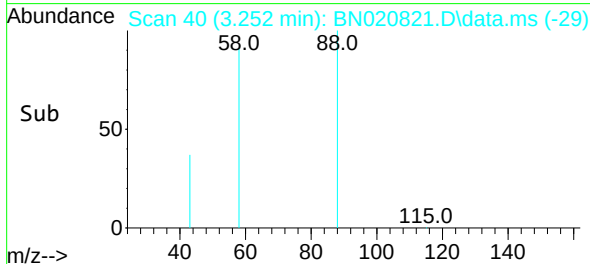
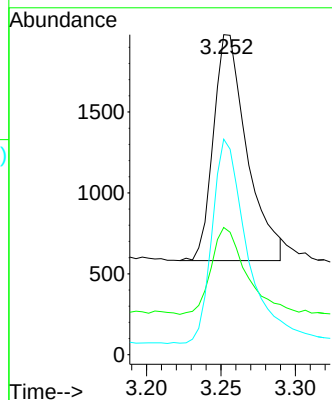
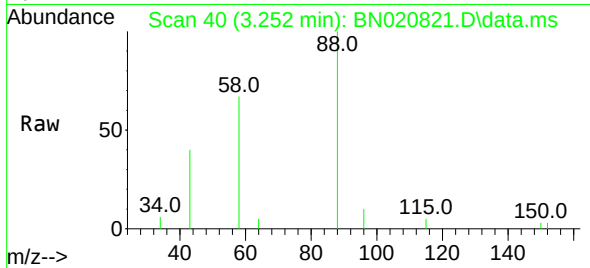




#2
 1,4-Dioxane
 Concen: 0.899 ng/ul
 RT: 3.252 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BN020821.D
 Acq: 22 Jul 2022 15:33

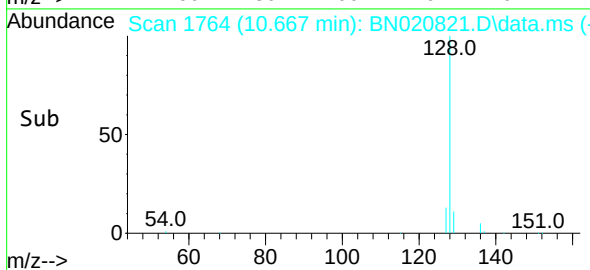
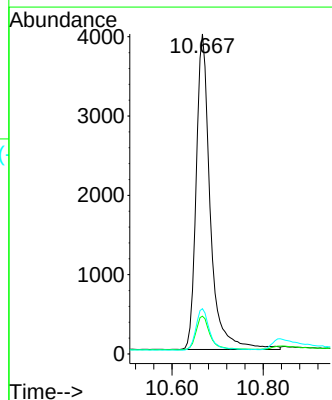
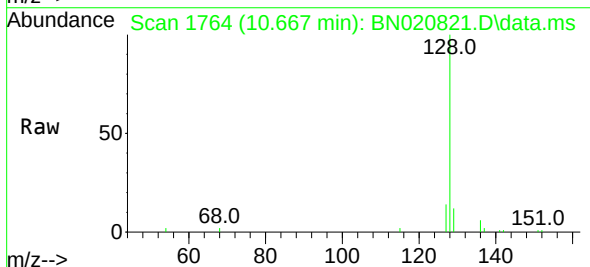
Instrument :
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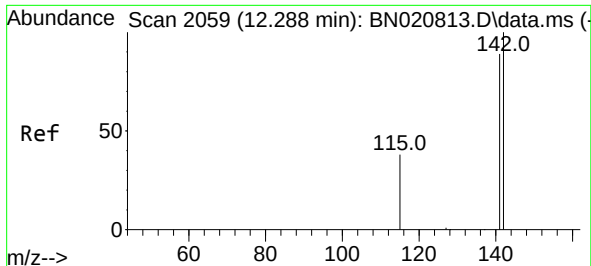
Tgt Ion: 88 Resp: 2190
 Ion Ratio Lower Upper
 88 100
 43 39.7 32.5 48.7
 58 67.3 46.2 69.2



#5
 Naphthalene
 Concen: 0.313 ng/ul
 RT: 10.667 min Scan# 1764
 Delta R.T. 0.000 min
 Lab File: BN020821.D
 Acq: 22 Jul 2022 15:33

Tgt Ion: 128 Resp: 8495
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.5 14.3
 127 14.2 11.3 16.9

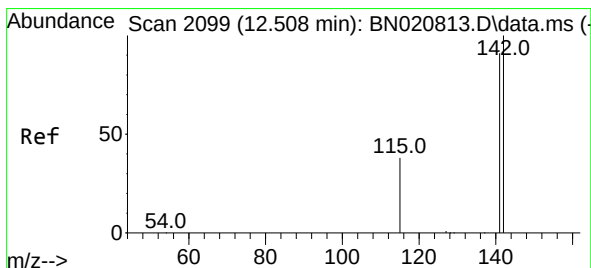
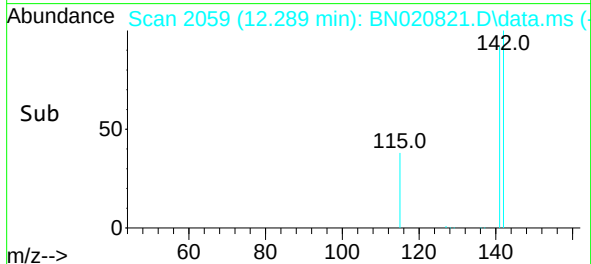
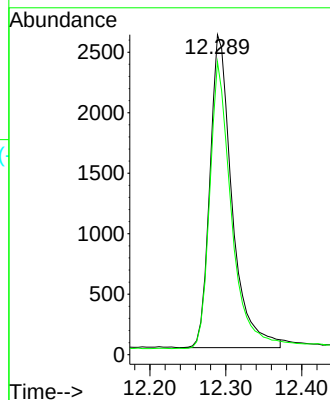
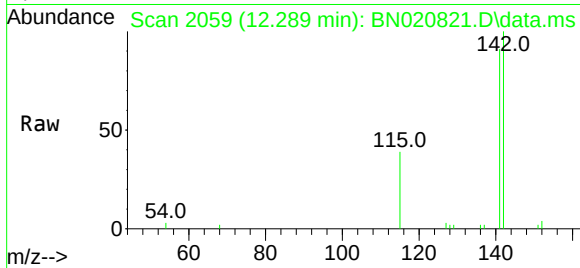




#7
2-Methylnaphthalene
Concen: 0.288 ng/ul
RT: 12.289 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN020821.D
Acq: 22 Jul 2022 15:33

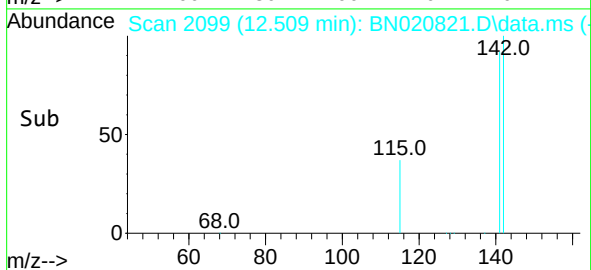
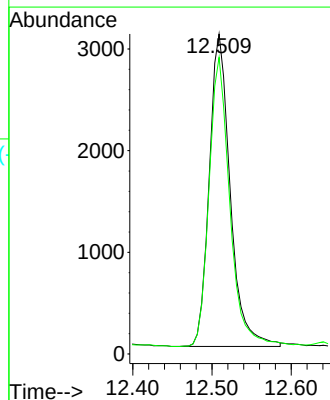
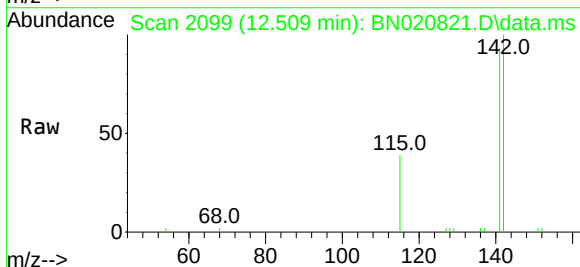
Instrument :
BNA_N
ClientSampleId :
YBE68MS

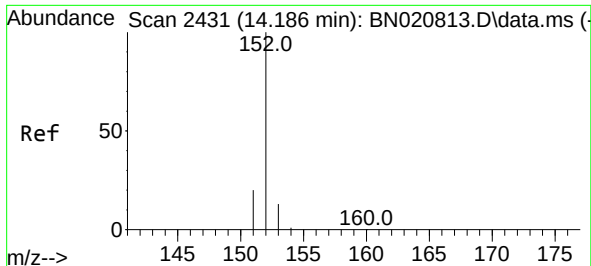
Tgt Ion:142 Resp: 5233
Ion Ratio Lower Upper
142 100
141 89.5 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 12.509 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN020821.D
Acq: 22 Jul 2022 15:33

Tgt Ion:142 Resp: 5658
Ion Ratio Lower Upper
142 100
141 91.4 73.7 110.5

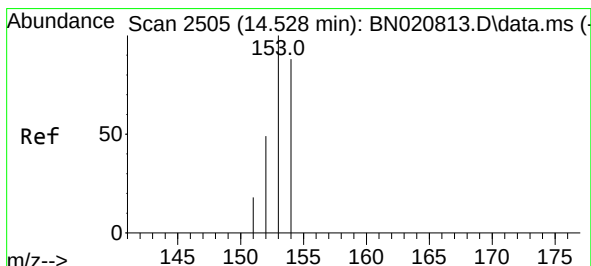
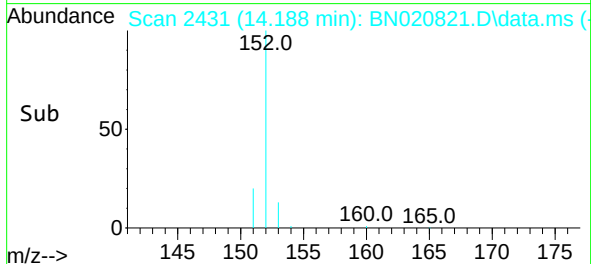
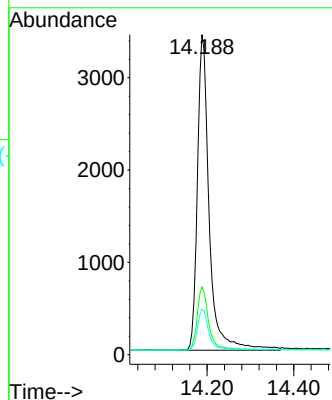
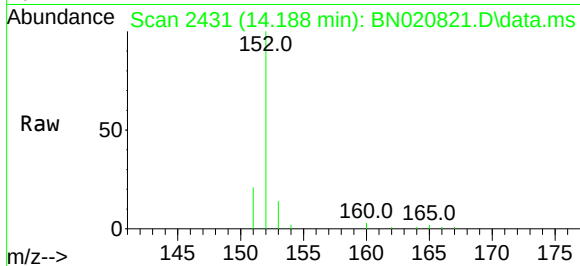




#10
Acenaphthylene
Concen: 0.317 ng/ul
RT: 14.188 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN020821.D
Acq: 22 Jul 2022 15:33

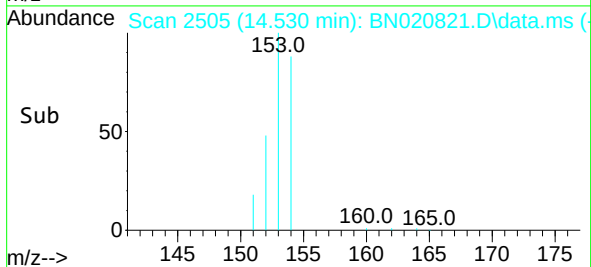
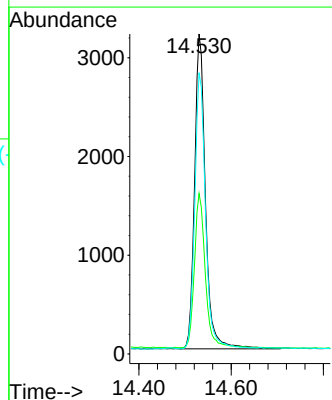
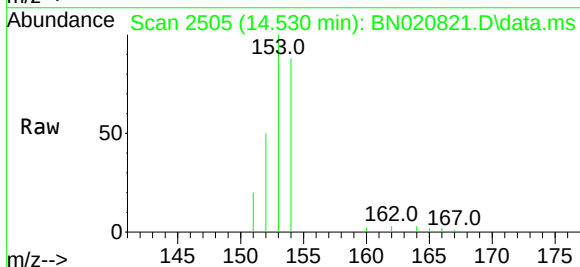
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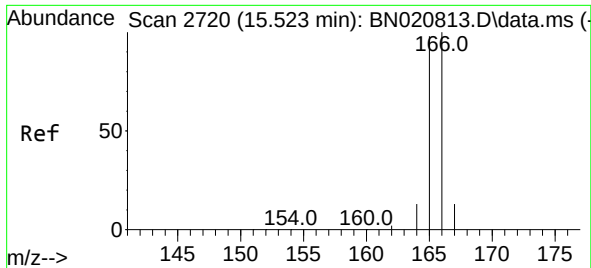
Tgt Ion:152 Resp: 6457
Ion Ratio Lower Upper
152 100
151 21.2 16.5 24.7
153 14.1 11.1 16.7



#11
Acenaphthene
Concen: 0.321 ng/ul
RT: 14.530 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN020821.D
Acq: 22 Jul 2022 15:33

Tgt Ion:153 Resp: 5235
Ion Ratio Lower Upper
153 100
152 50.2 40.0 60.0
154 87.9 70.0 105.0

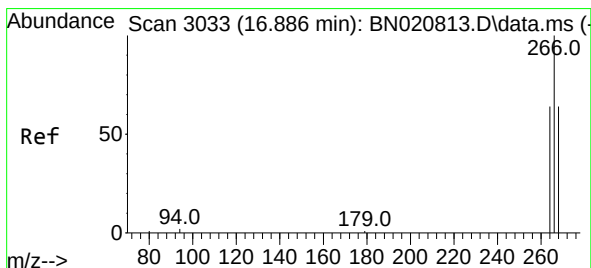
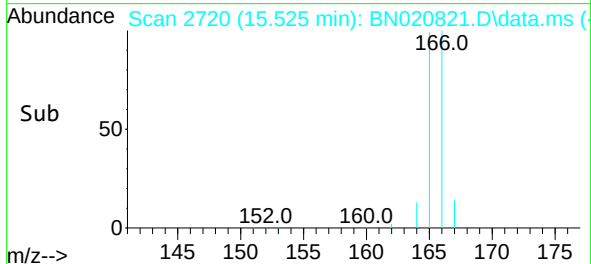
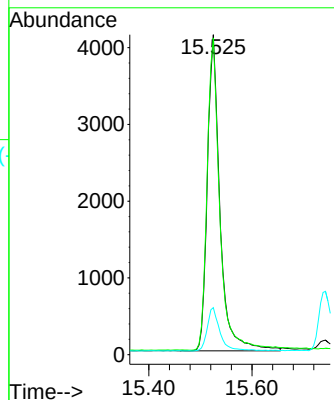
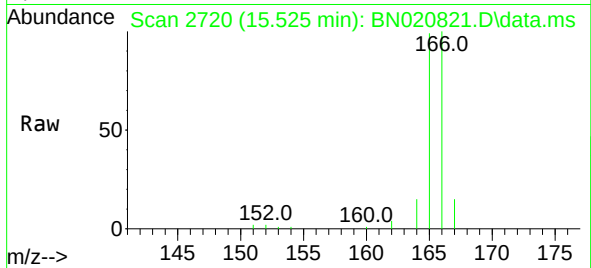




#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.525 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN020821.D
Acq: 22 Jul 2022 15:33

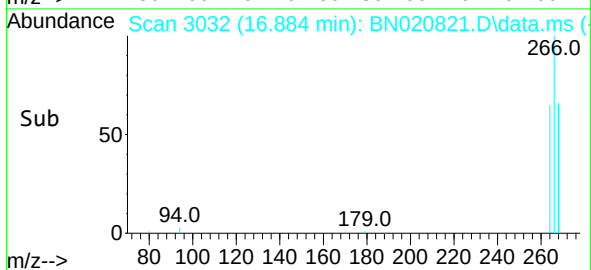
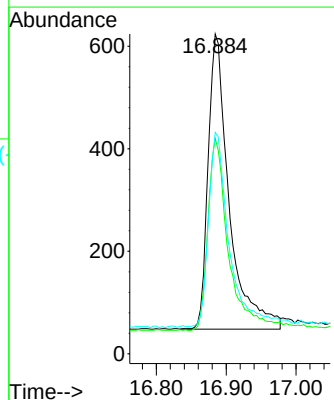
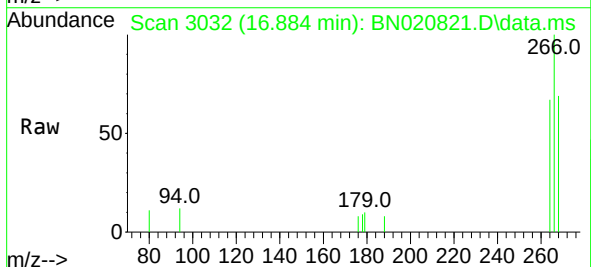
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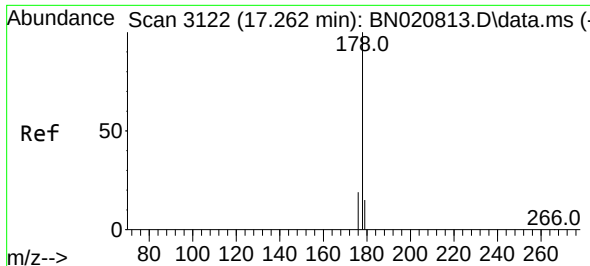
Tgt Ion:166 Resp: 6974
Ion Ratio Lower Upper
166 100
165 99.0 78.2 117.2
167 14.7 11.3 16.9



#14
Pentachlorophenol
Concen: 0.581 ng/ul
RT: 16.884 min Scan# 3032
Delta R.T. -0.008 min
Lab File: BN020821.D
Acq: 22 Jul 2022 15:33

Tgt Ion:266 Resp: 1207
Ion Ratio Lower Upper
266 100
264 63.8 51.6 77.4
268 64.5 51.5 77.3

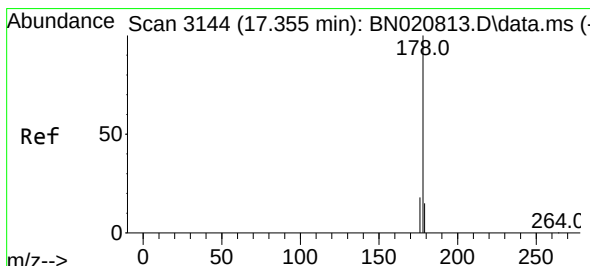
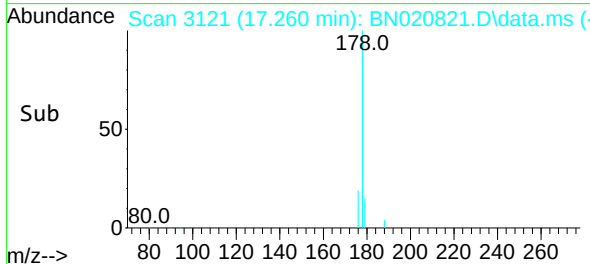
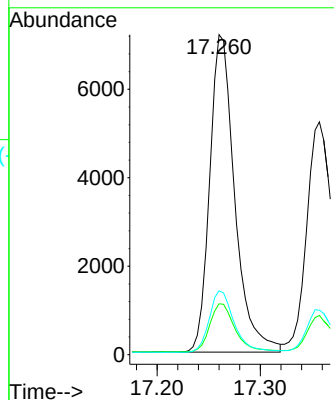
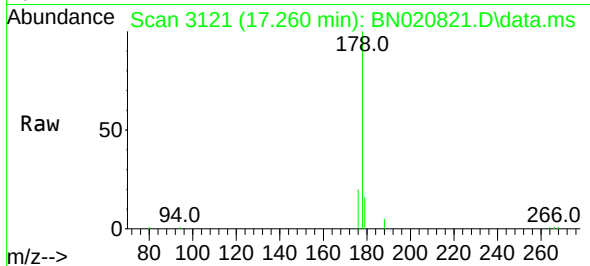




#15
Phenanthrene
Concen: 0.338 ng/ul
RT: 17.260 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BN020821.D
Acq: 22 Jul 2022 15:33

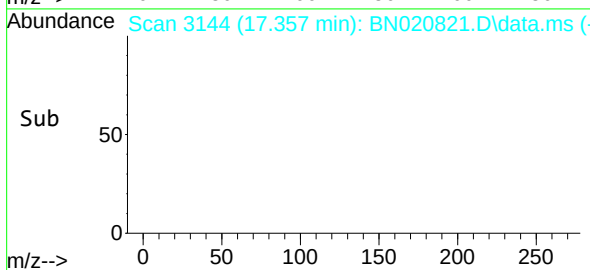
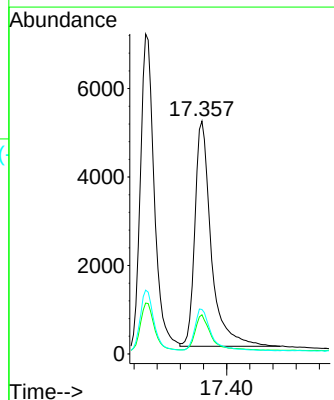
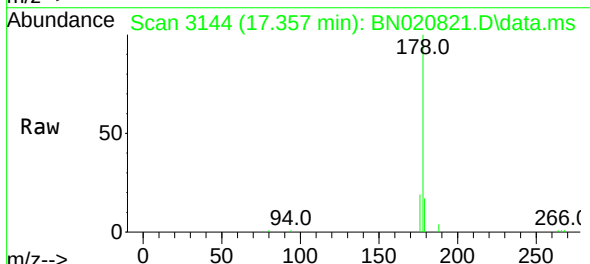
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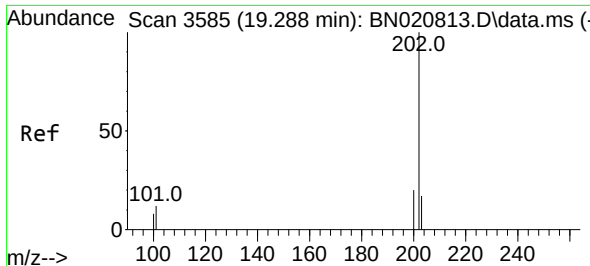
Tgt Ion:178	Resp:	12113
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.6 18.8
176	20.0	15.8 23.6



#16
Anthracene
Concen: 0.322 ng/ul
RT: 17.357 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BN020821.D
Acq: 22 Jul 2022 15:33

Tgt Ion:178	Resp:	9959
Ion Ratio	Lower	Upper
178	100	
179	16.8	12.8 19.2
176	19.1	15.2 22.8

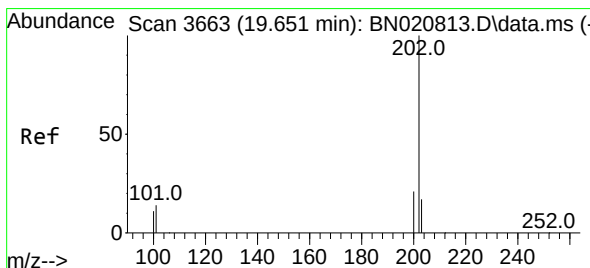
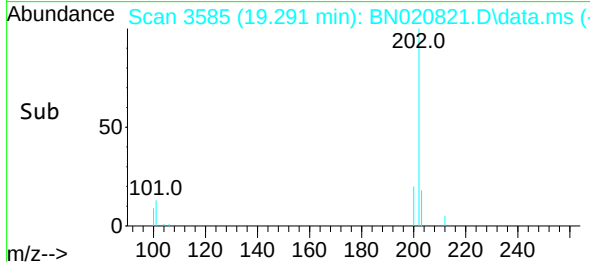
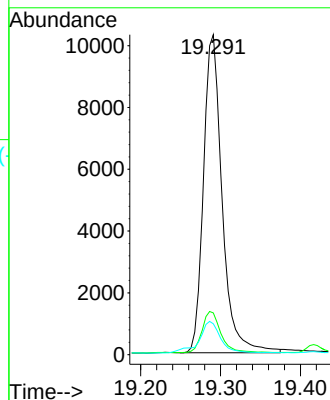
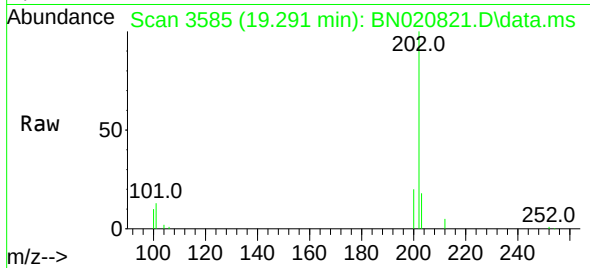




#19
Fluoranthene
Concen: 0.364 ng/u1
RT: 19.291 min Scan# 3585
Delta R.T. 0.000 min
Lab File: BN020821.D
Acq: 22 Jul 2022 15:33

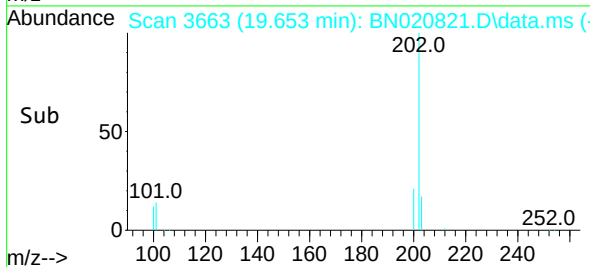
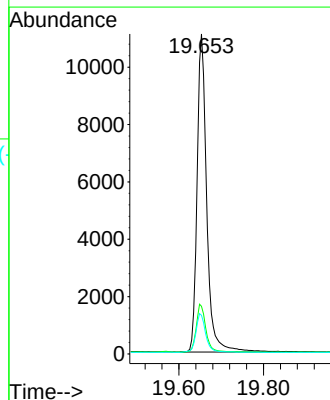
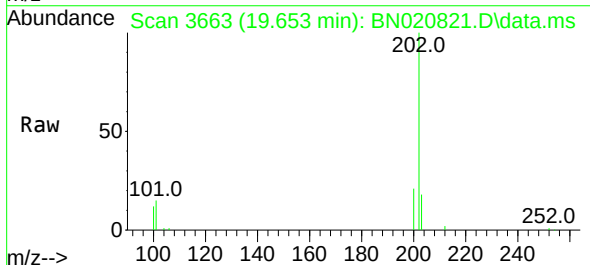
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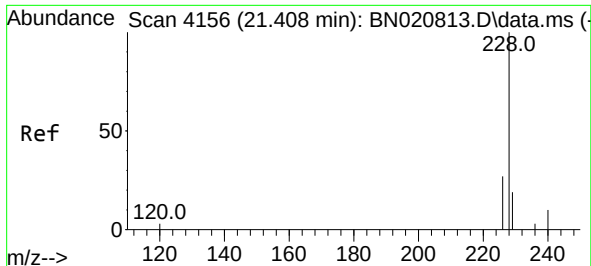
Tgt Ion:202 Resp: 16750
Ion Ratio Lower Upper
202 100
101 13.0 10.3 15.5
100 9.6 7.8 11.6



#20
Pyrene
Concen: 0.368 ng/u1
RT: 19.653 min Scan# 3663
Delta R.T. 0.000 min
Lab File: BN020821.D
Acq: 22 Jul 2022 15:33

Tgt Ion:202 Resp: 17580
Ion Ratio Lower Upper
202 100
101 14.9 11.6 17.4
100 12.1 9.2 13.8

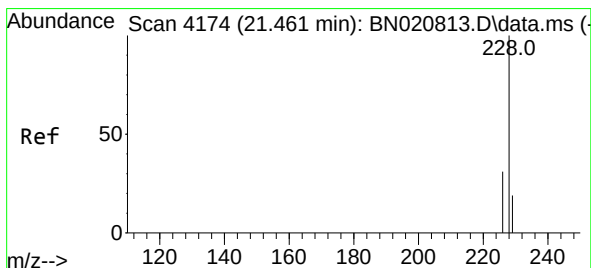
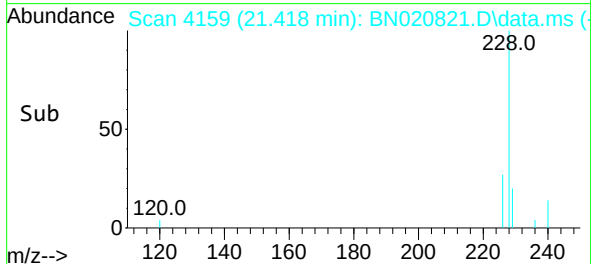
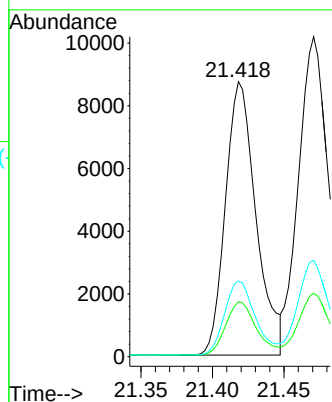
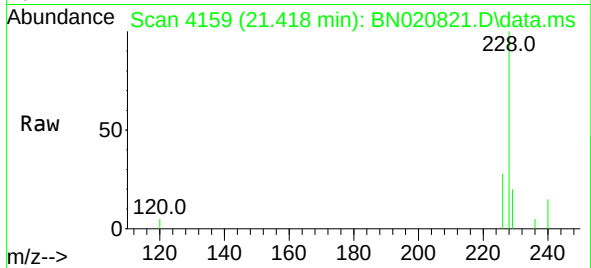




#21
Benzo(a)anthracene
Concen: 0.359 ng/ul
RT: 21.418 min Scan# 4156
Delta R.T. 0.003 min
Lab File: BN020821.D
Acq: 22 Jul 2022 15:33

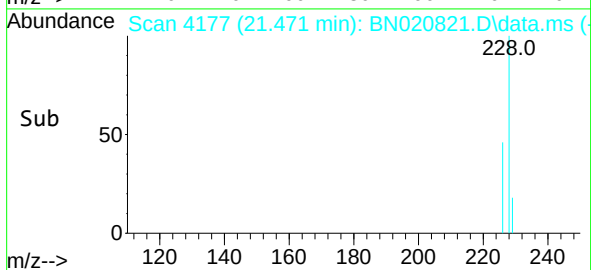
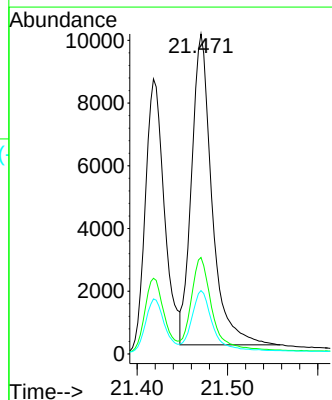
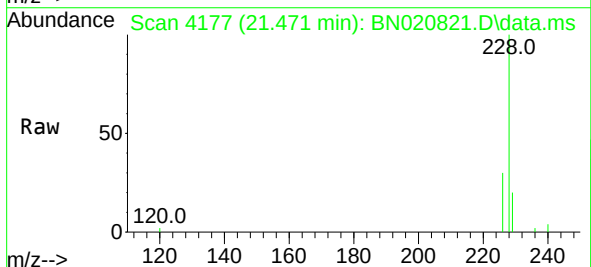
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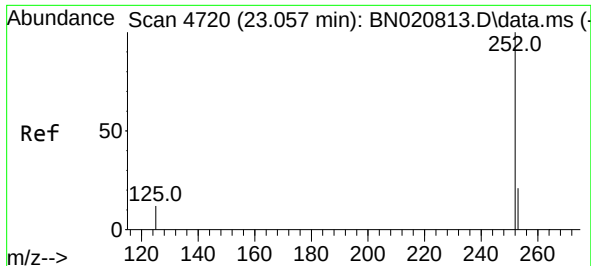
Tgt Ion:228 Resp: 12983
Ion Ratio Lower Upper
228 100
229 20.0 15.9 23.9
226 27.5 22.2 33.2



#22
Chrysene
Concen: 0.385 ng/ul
RT: 21.471 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BN020821.D
Acq: 22 Jul 2022 15:33

Tgt Ion:228 Resp: 15532
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 19.8 15.8 23.8

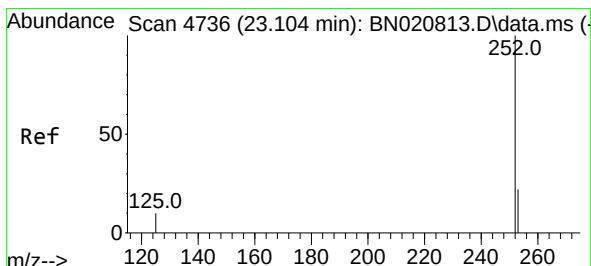
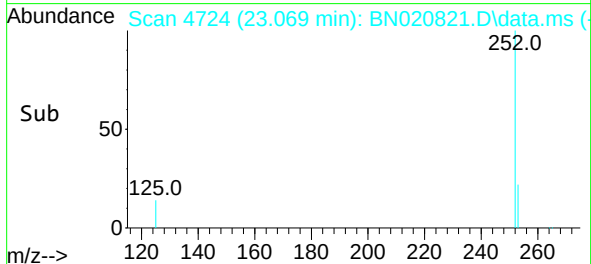
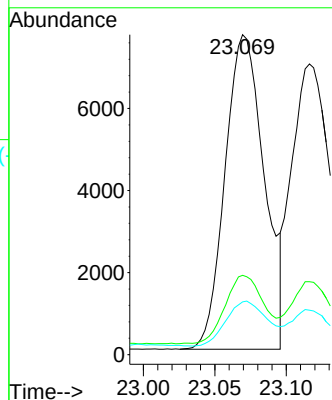
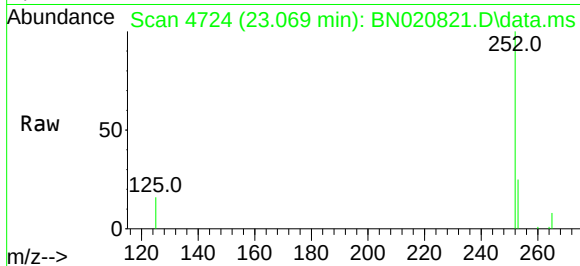




#24
Benzo(b)fluoranthene
Concen: 0.389 ng/ul
RT: 23.069 min Scan# 4724
Delta R.T. 0.006 min
Lab File: BN020821.D
Acq: 22 Jul 2022 15:33

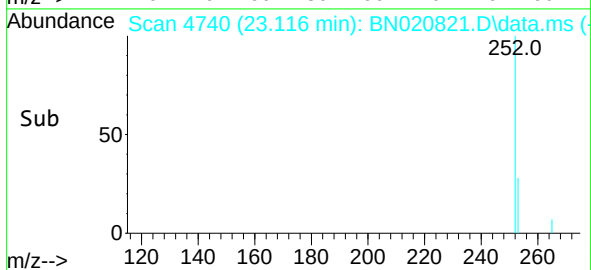
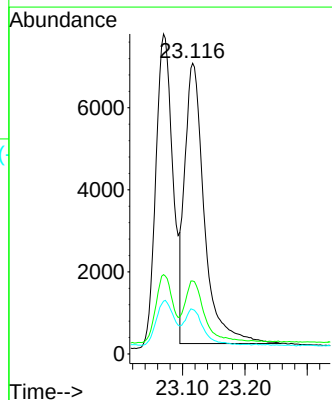
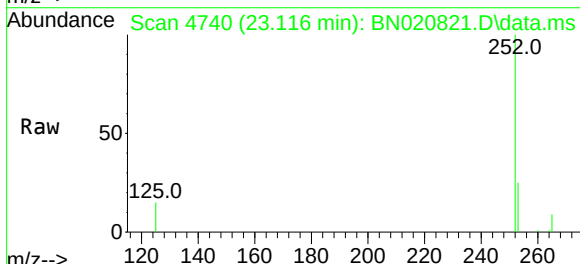
Instrument :
BNA_N
ClientSampleId :
YBE68MS

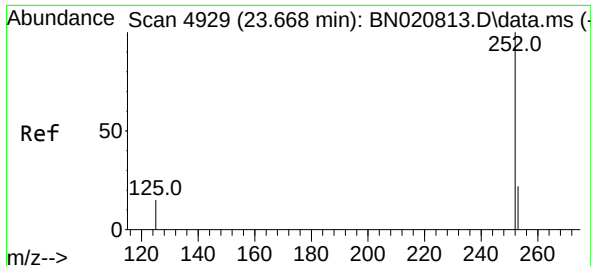
Tgt Ion:252 Resp: 14689
Ion Ratio Lower Upper
252 100
253 24.8 0.0 48.6
125 16.5 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 23.116 min Scan# 4740
Delta R.T. 0.003 min
Lab File: BN020821.D
Acq: 22 Jul 2022 15:33

Tgt Ion:252 Resp: 14835
Ion Ratio Lower Upper
252 100
253 25.1 19.7 29.5
125 15.3 12.0 18.0

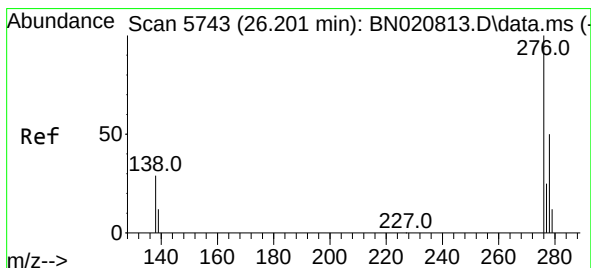
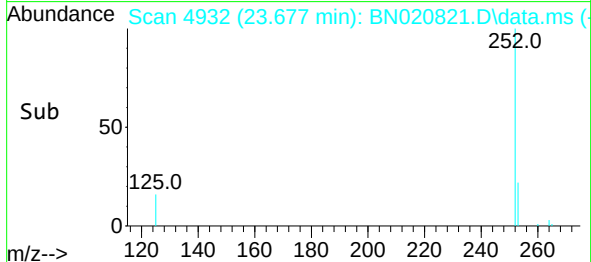
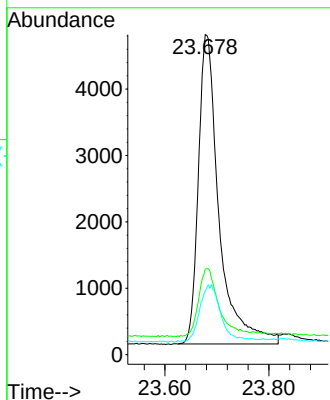
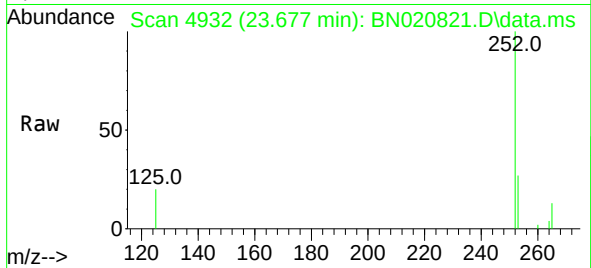




#26
Benzo(a)pyrene
Concen: 0.375 ng/ul
RT: 23.677 min Scan# 4929
Delta R.T. 0.003 min
Lab File: BN020821.D
Acq: 22 Jul 2022 15:33

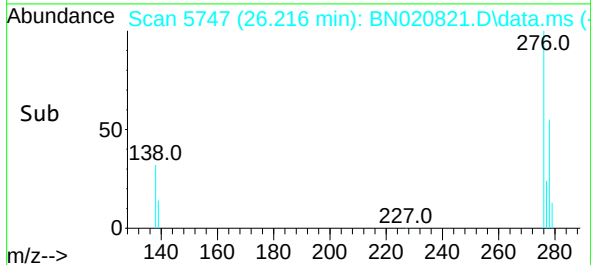
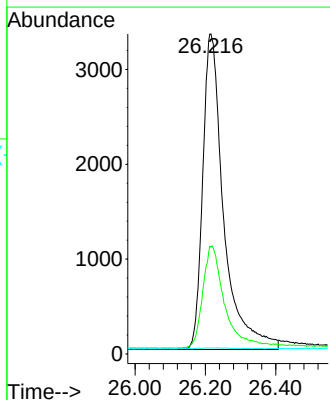
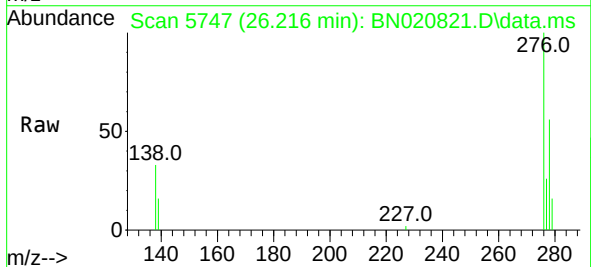
Instrument :
BNA_N
ClientSampleId :
YBE68MS

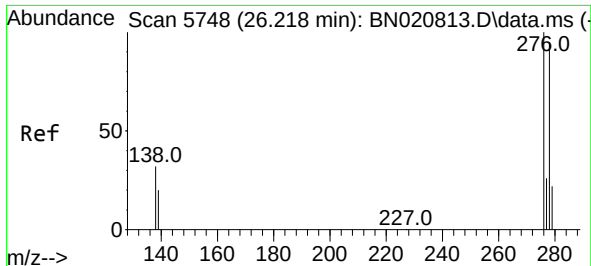
Tgt Ion:	252	Resp:	12862
Ion Ratio	Lower	Upper	
252	100		
253	26.7	21.0	31.4
125	19.9	18.8	28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.404 ng/ul
RT: 26.216 min Scan# 5747
Delta R.T. 0.000 min
Lab File: BN020821.D
Acq: 22 Jul 2022 15:33

Tgt Ion:	276	Resp:	13785
Ion Ratio	Lower	Upper	
276	100		
138	34.2	27.4	41.2
227	0.2	0.2	0.2

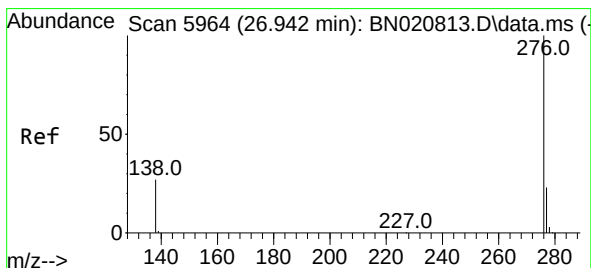
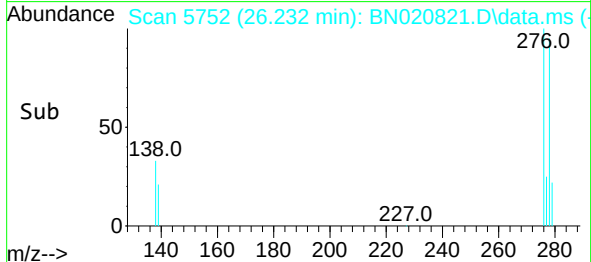
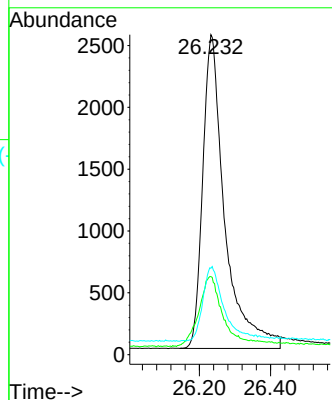
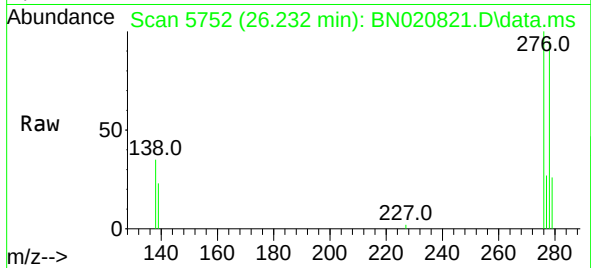




#28
Dibenzo(a,h)anthracene
Concen: 0.395 ng/ul
RT: 26.232 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN020821.D
Acq: 22 Jul 2022 15:33

Instrument :
BNA_N
ClientSampleId :
YBE68MS

Tgt Ion:278 Resp: 10889
Ion Ratio Lower Upper
278 100
139 24.4 18.8 28.2
279 27.0 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.421 ng/ul
RT: 26.957 min Scan# 5968
Delta R.T. 0.007 min
Lab File: BN020821.D
Acq: 22 Jul 2022 15:33

Tgt Ion:276 Resp: 12334
Ion Ratio Lower Upper
276 100
138 30.2 23.5 35.3
277 25.0 20.1 30.1

