

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042623\
 Data File : BN025142.D
 Acq On : 26 Apr 2023 12:43
 Operator : CG/JU
 Sample : 02296-13MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBL6MSD

Quant Time: Apr 27 00:13:14 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 26 15:32:47 2023
 Response via : Initial Calibration

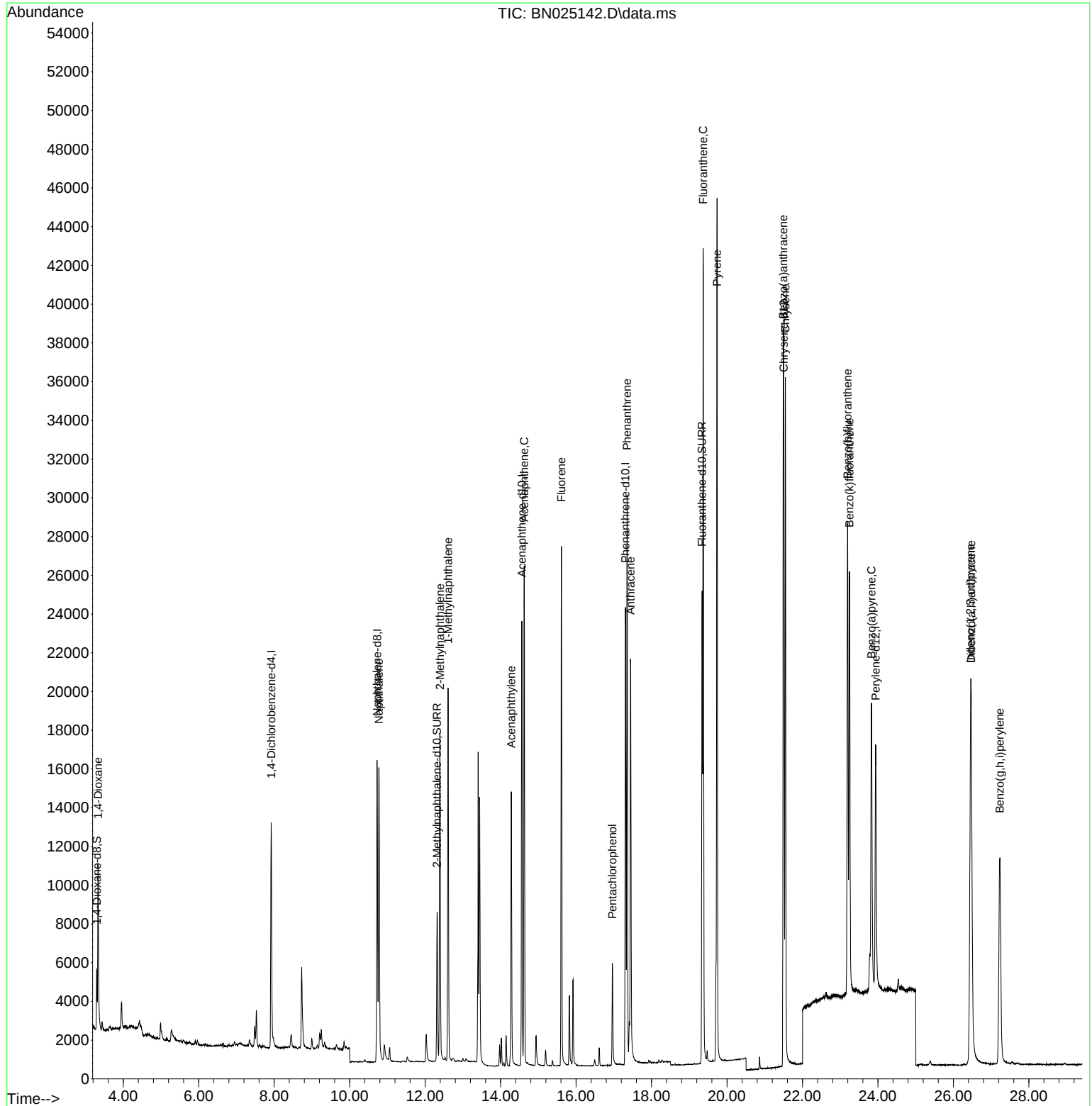
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	6766	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	21439	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	12406	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	28008	0.400	ng/ul	0.00
17) Chrysene-d12	21.505	240	22087	0.400	ng/ul	0.00
23) Perylene-d12	23.940	264	18602	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	1917	0.274	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	10373	0.377	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	26873	0.461	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	5347	0.709	ng/ul	88
5) Naphthalene	10.776	128	21596	0.393	ng/ul	100
7) 2-Methylnaphthalene	12.392	142	12750	0.379	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	13552	0.378	ng/ul	100
10) Acenaphthylene	14.283	152	17035	0.369	ng/ul	99
11) Acenaphthene	14.626	153	15104	0.388	ng/ul	100
12) Fluorene	15.611	166	17319	0.398	ng/ul	98
14) Pentachlorophenol	16.963	266	3779	0.687	ng/ul	100
15) Phenanthrene	17.351	178	31160	0.394	ng/ul	100
16) Anthracene	17.444	178	24902	0.385	ng/ul	100
19) Fluoranthene	19.368	202	36566	0.458	ng/ul	98
20) Pyrene	19.735	202	37363	0.455	ng/ul	99
21) Benzo(a)anthracene	21.491	228	30251	0.455	ng/ul	100
22) Chrysene	21.546	228	33256	0.458	ng/ul	100
24) Benzo(b)fluoranthene	23.195	252	32892	0.436	ng/ul	99
25) Benzo(k)fluoranthene	23.245	252	31193	0.430	ng/ul	99
26) Benzo(a)pyrene	23.829	252	24925	0.399	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.453	276	30406	0.423	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.474	278	24324	0.433	ng/ul	99
29) Benzo(g,h,i)perylene	27.232	276	25840	0.422	ng/ul	100

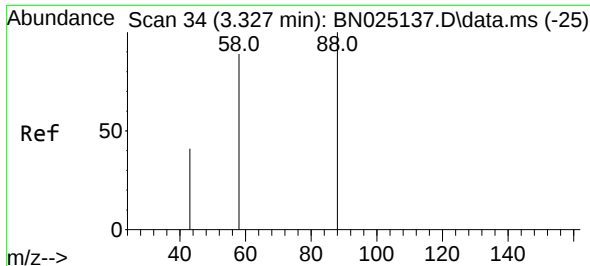
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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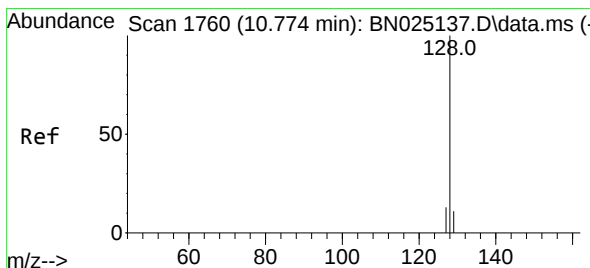
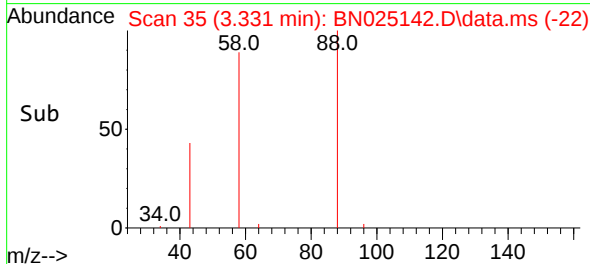
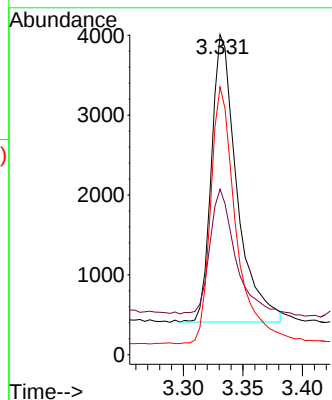
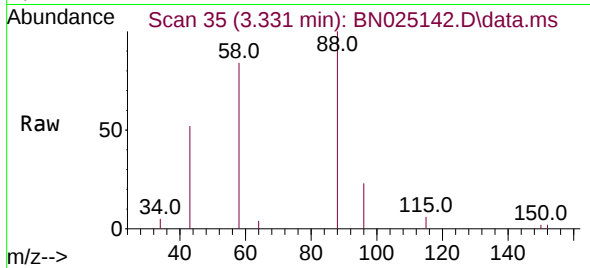




#2
 1,4-Dioxane
 Concen: 0.709 ng/ul
 RT: 3.331 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

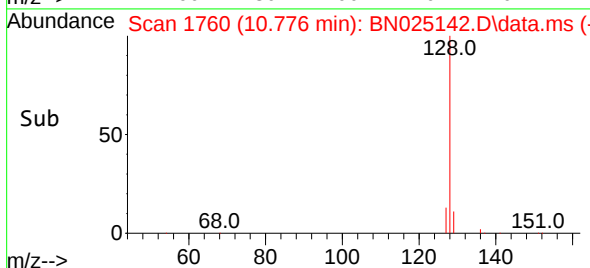
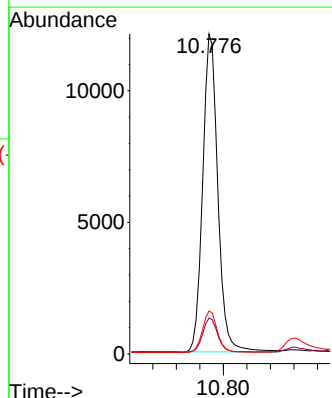
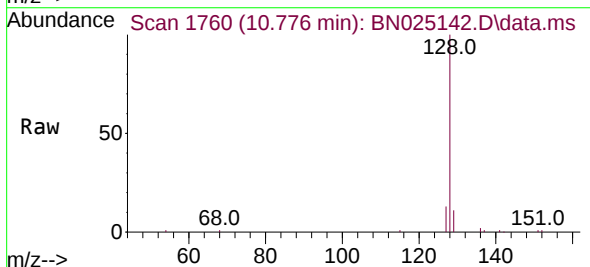
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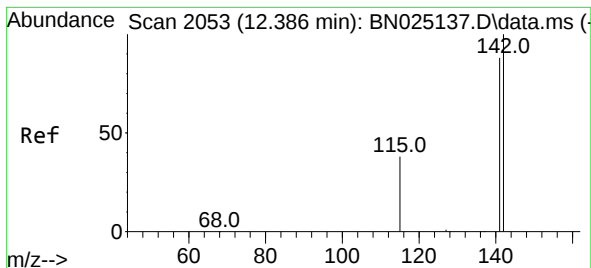
Tgt Ion: 88 Resp: 5347
 Ion Ratio Lower Upper
 88 100
 43 51.7 37.0 55.4
 58 83.7 56.9 85.3



#5
 Naphthalene
 Concen: 0.393 ng/ul
 RT: 10.776 min Scan# 1760
 Delta R.T. 0.001 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

Tgt Ion: 128 Resp: 21596
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.0 13.6
 127 13.4 10.7 16.1

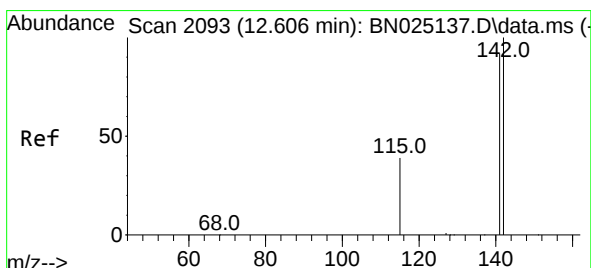
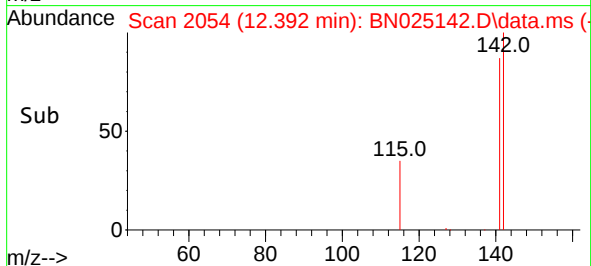
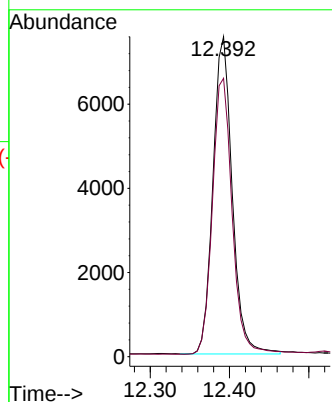
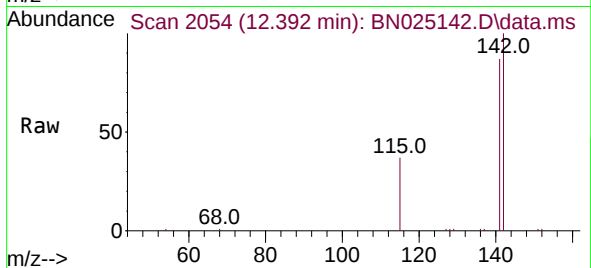




#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.392 min Scan# 2054
Delta R.T. 0.007 min
Lab File: BN025142.D
Acq: 26 Apr 2023 12:43

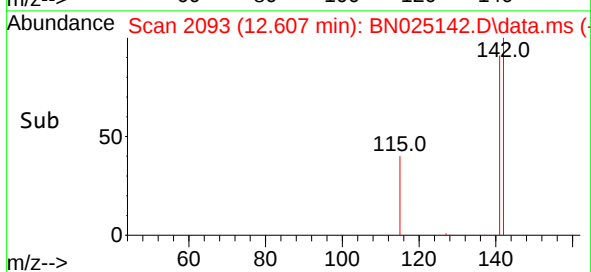
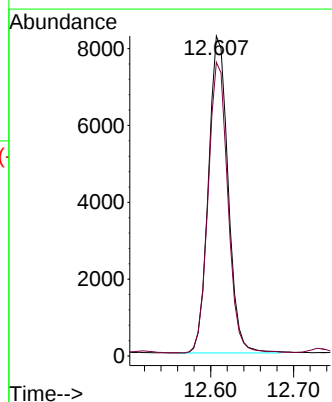
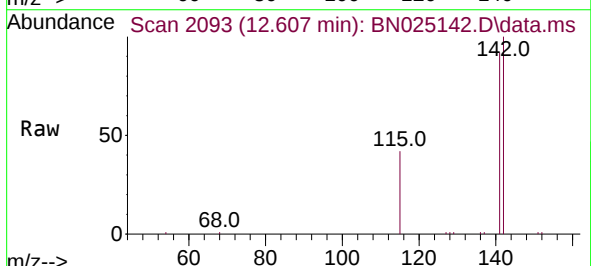
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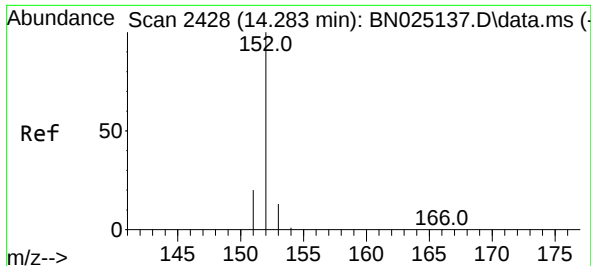
Tgt Ion:142 Resp: 12750
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.001 min
Lab File: BN025142.D
Acq: 26 Apr 2023 12:43

Tgt Ion:142 Resp: 13552
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.6

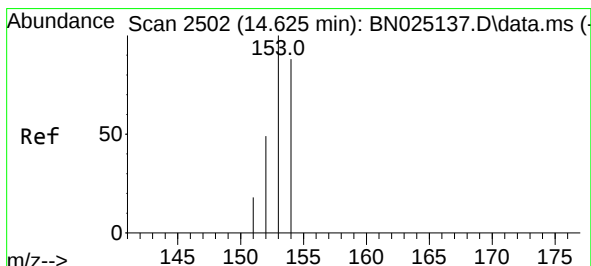
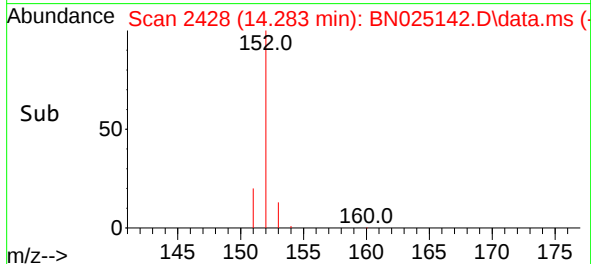
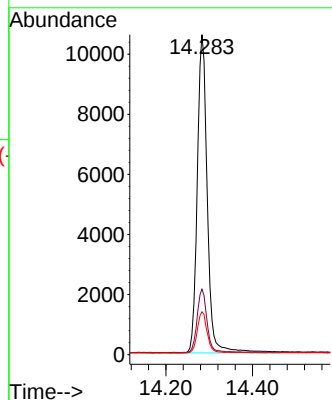
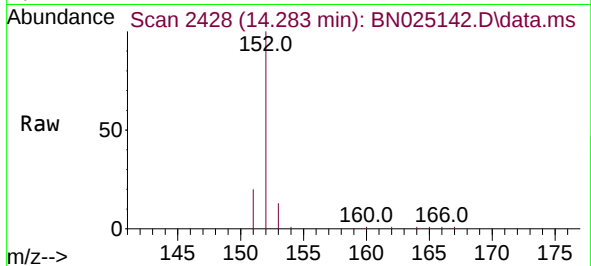




#10
Acenaphthylene
Concen: 0.369 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BN025142.D
Acq: 26 Apr 2023 12:43

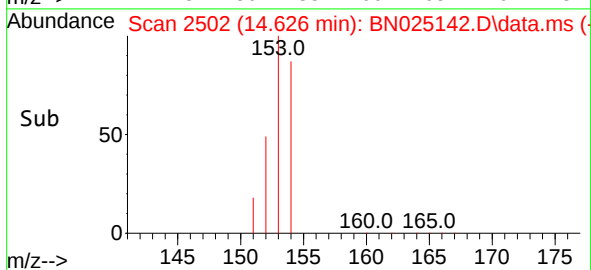
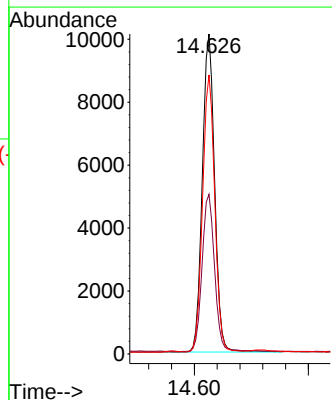
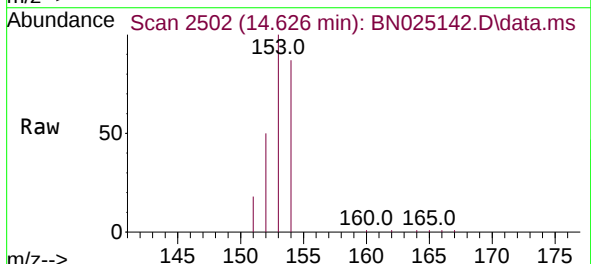
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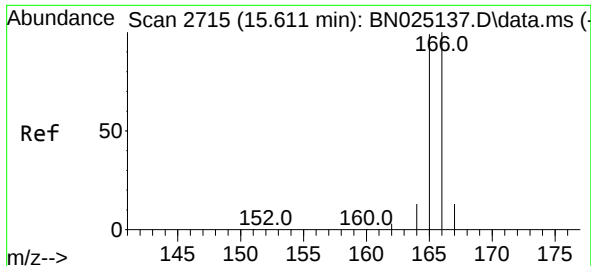
Tgt Ion:152 Resp: 17035
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.4 10.8 16.2



#11
Acenaphthene
Concen: 0.388 ng/ul
RT: 14.626 min Scan# 2502
Delta R.T. 0.000 min
Lab File: BN025142.D
Acq: 26 Apr 2023 12:43

Tgt Ion:153 Resp: 15104
Ion Ratio Lower Upper
153 100
152 49.9 40.2 60.4
154 87.2 69.4 104.2

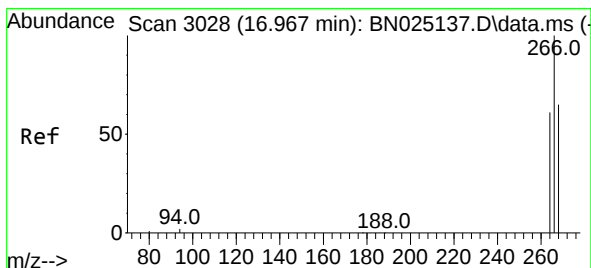
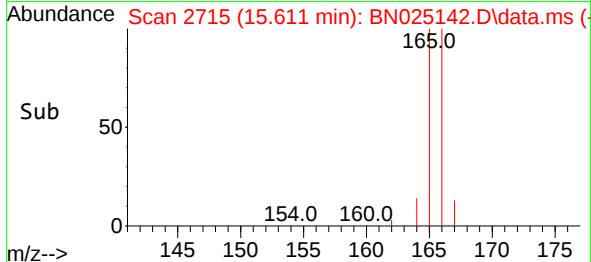
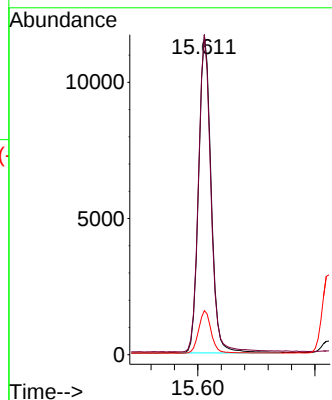
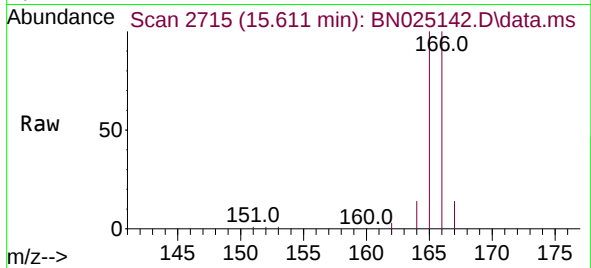




#12
 Fluorene
 Concen: 0.398 ng/ul
 RT: 15.611 min Scan# 2715
 Delta R.T. 0.000 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

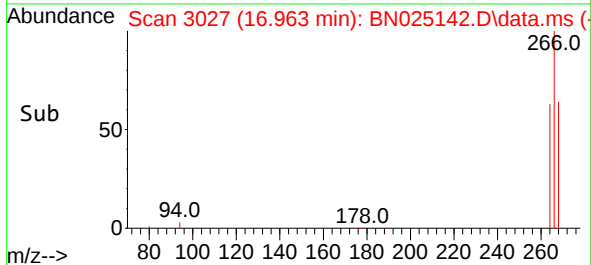
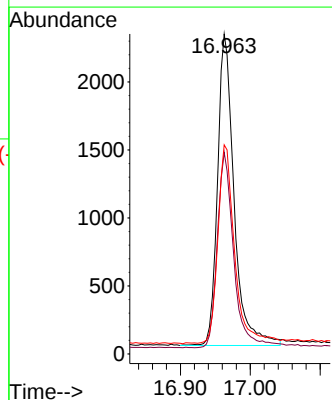
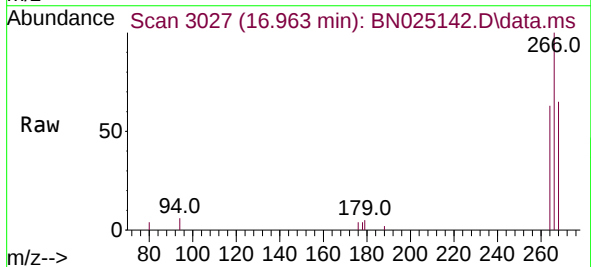
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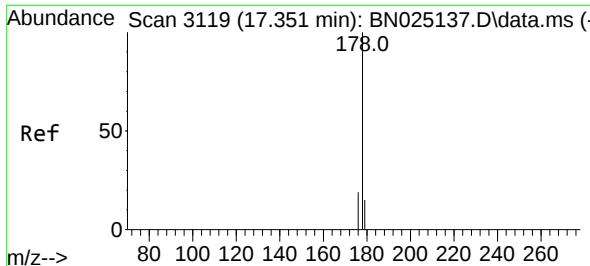
Tgt Ion:166 Resp: 17319
 Ion Ratio Lower Upper
 166 100
 165 100.0 78.1 117.1
 167 13.7 11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.687 ng/ul
 RT: 16.963 min Scan# 3027
 Delta R.T. -0.004 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

Tgt Ion:266 Resp: 3779
 Ion Ratio Lower Upper
 266 100
 264 62.3 49.6 74.4
 268 63.9 51.3 76.9

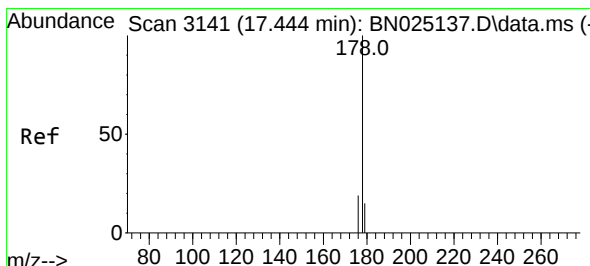
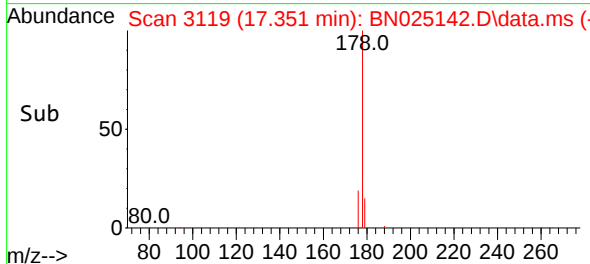
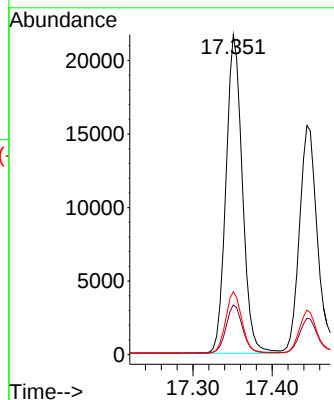
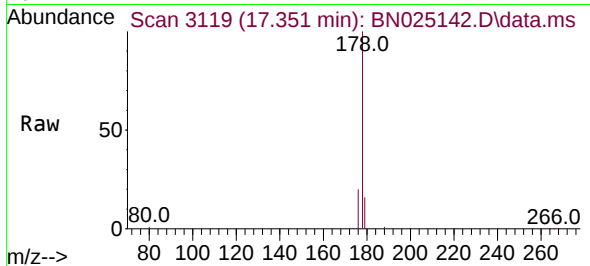




#15
Phenanthrene
Concen: 0.394 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN025142.D
Acq: 26 Apr 2023 12:43

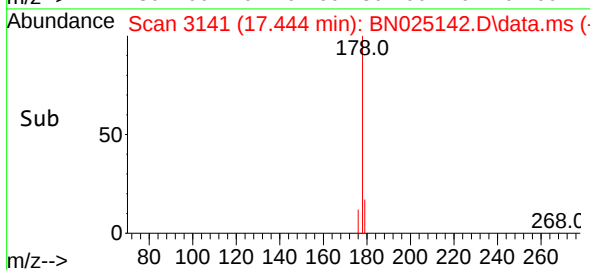
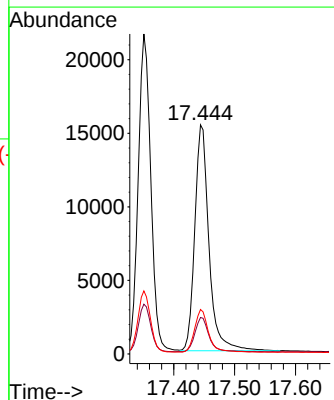
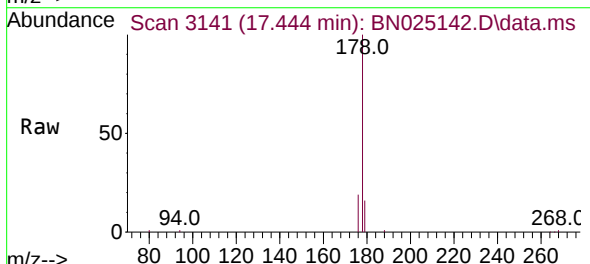
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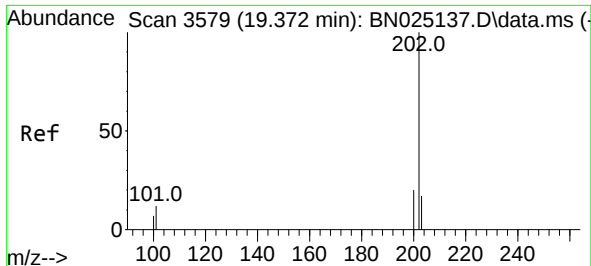
Tgt Ion:178 Resp: 31160
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.385 ng/ul
RT: 17.444 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BN025142.D
Acq: 26 Apr 2023 12:43

Tgt Ion:178 Resp: 24902
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 19.4 15.3 22.9

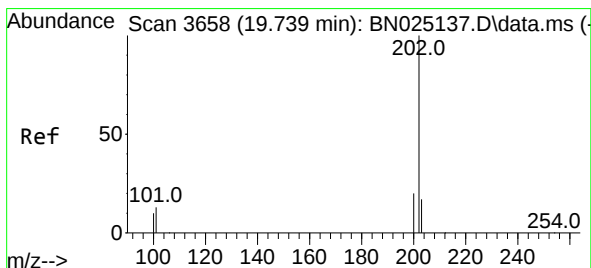
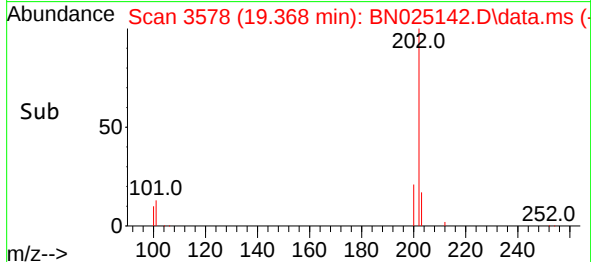
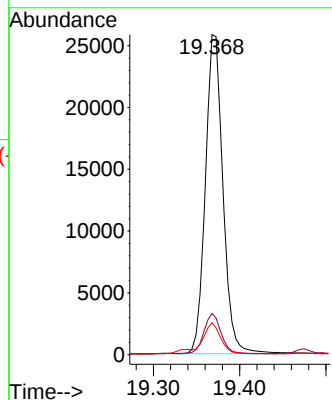
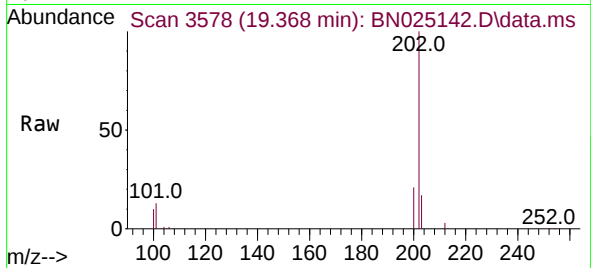




#19
Fluoranthene
Concen: 0.458 ng/ul
RT: 19.368 min Scan# 3657
Delta R.T. -0.004 min
Lab File: BN025142.D
Acq: 26 Apr 2023 12:43

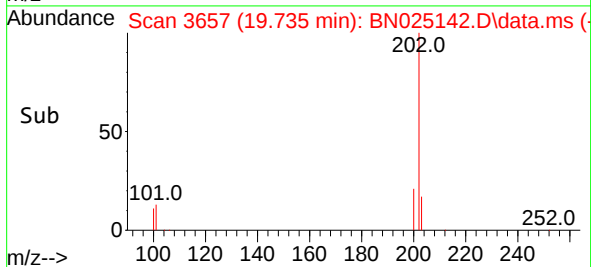
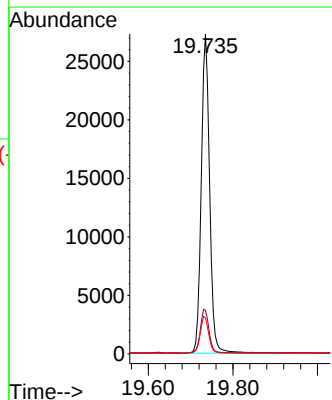
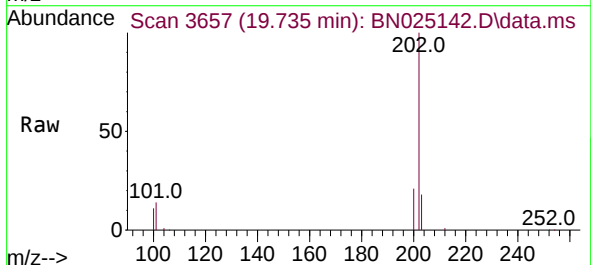
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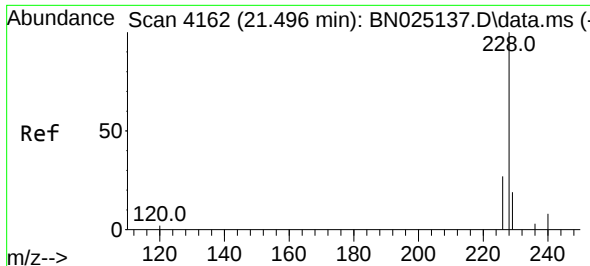
Tgt Ion:202 Resp: 36566
Ion Ratio Lower Upper
202 100
101 12.9 9.7 14.5
100 10.0 7.3 10.9



#20
Pyrene
Concen: 0.455 ng/ul
RT: 19.735 min Scan# 3657
Delta R.T. -0.004 min
Lab File: BN025142.D
Acq: 26 Apr 2023 12:43

Tgt Ion:202 Resp: 37363
Ion Ratio Lower Upper
202 100
101 13.6 11.3 16.9
100 11.2 9.2 13.8

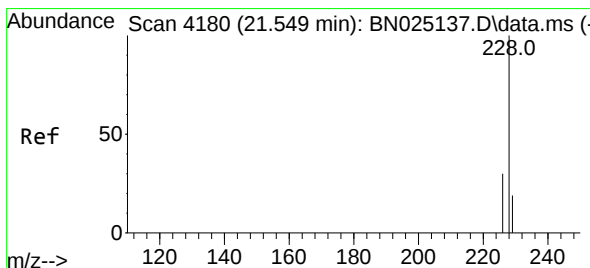
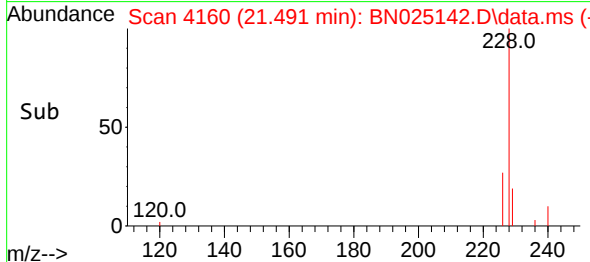
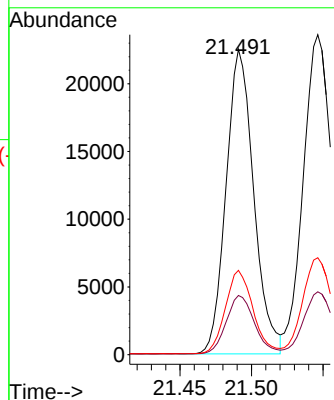
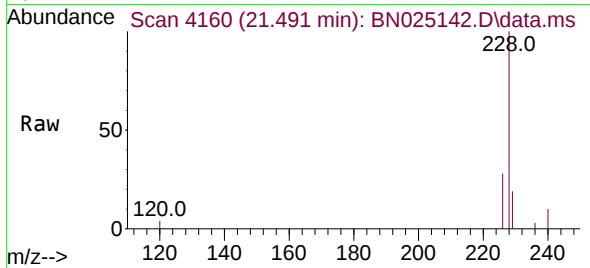




#21
Benzo(a)anthracene
Concen: 0.455 ng/ul
RT: 21.491 min Scan# 4160
Delta R.T. -0.005 min
Lab File: BN025142.D
Acq: 26 Apr 2023 12:43

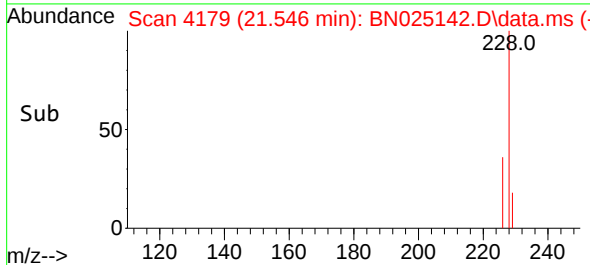
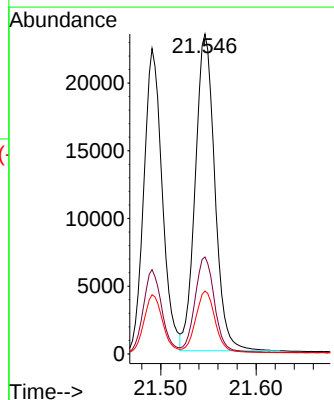
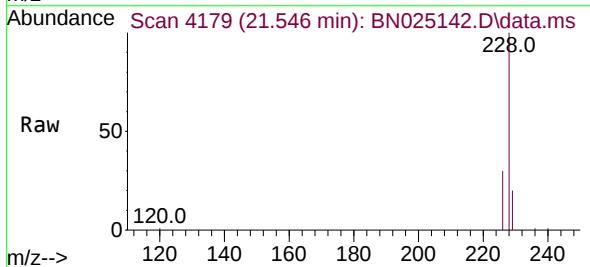
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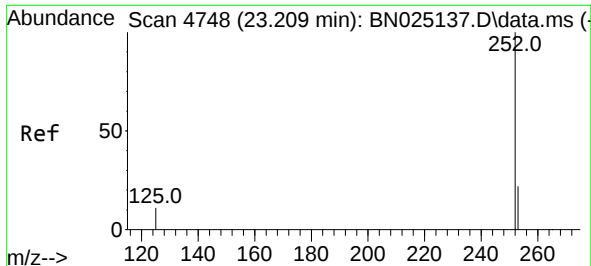
Tgt Ion:228 Resp: 30251
Ion Ratio Lower Upper
228 100
229 19.4 15.6 23.4
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.458 ng/ul
RT: 21.546 min Scan# 4179
Delta R.T. -0.002 min
Lab File: BN025142.D
Acq: 26 Apr 2023 12:43

Tgt Ion:228 Resp: 33256
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 19.6 15.8 23.6

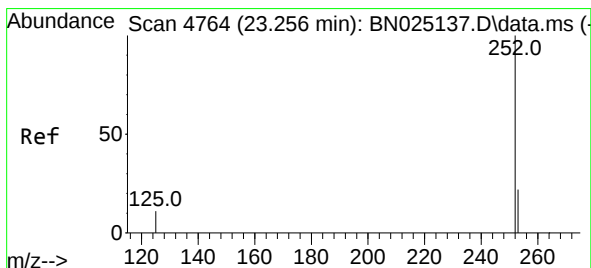
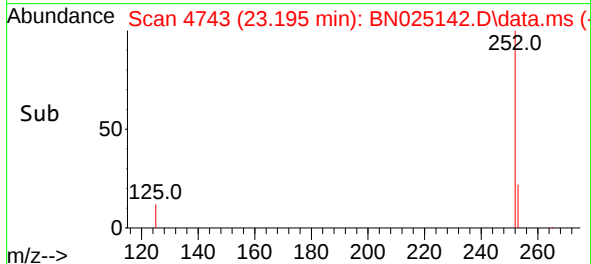
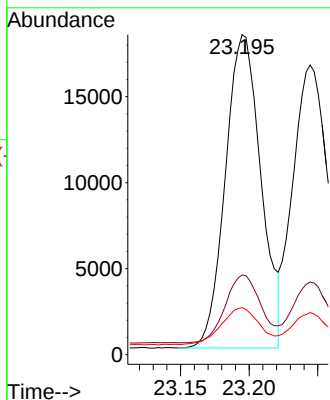
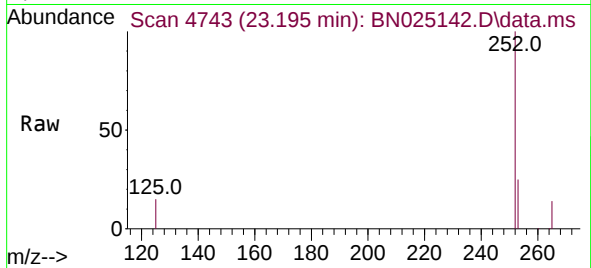




#24
Benzo(b)fluoranthene
Concen: 0.436 ng/ul
RT: 23.195 min Scan# 4743
Delta R.T. -0.014 min
Lab File: BN025142.D
Acq: 26 Apr 2023 12:43

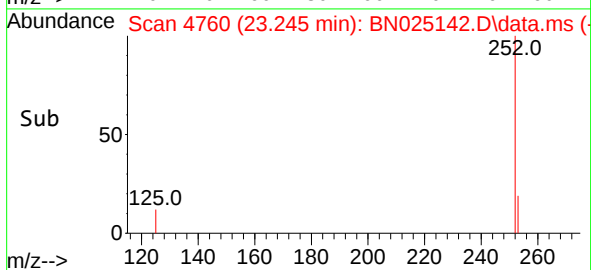
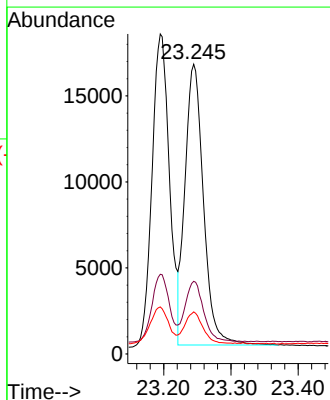
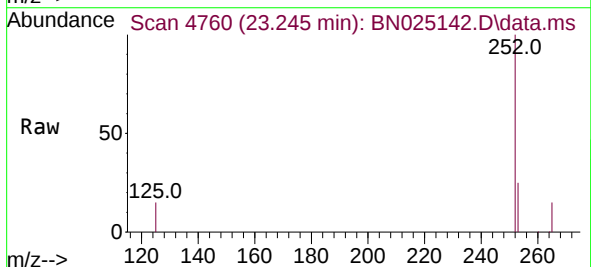
Instrument :
BNA_N
ClientSampleId :
DCBL6MSD

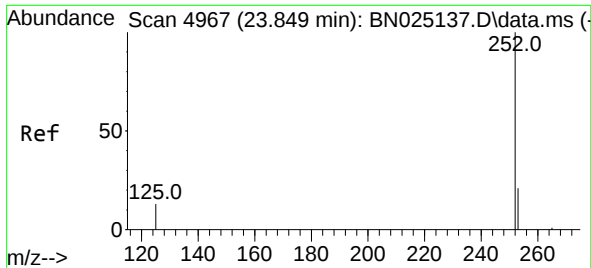
Tgt Ion:252 Resp: 32892
Ion Ratio Lower Upper
252 100
253 24.9 0.0 50.2
125 14.7 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.430 ng/ul
RT: 23.245 min Scan# 4760
Delta R.T. -0.011 min
Lab File: BN025142.D
Acq: 26 Apr 2023 12:43

Tgt Ion:252 Resp: 31193
Ion Ratio Lower Upper
252 100
253 25.1 20.2 30.4
125 14.5 11.8 17.8

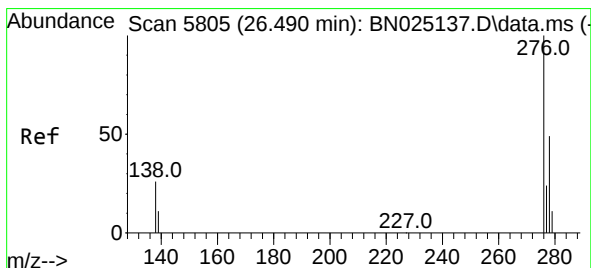
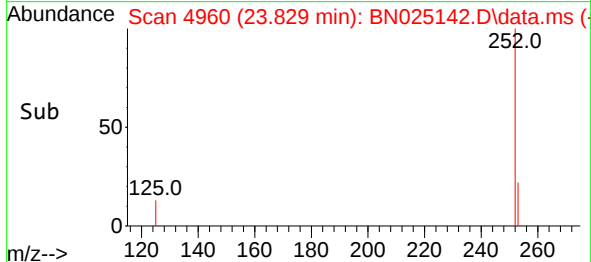
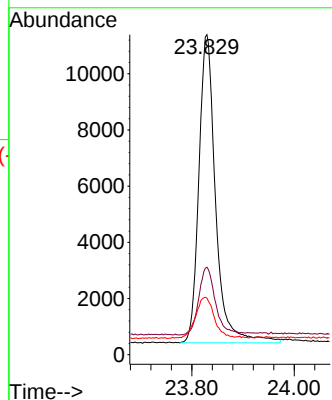
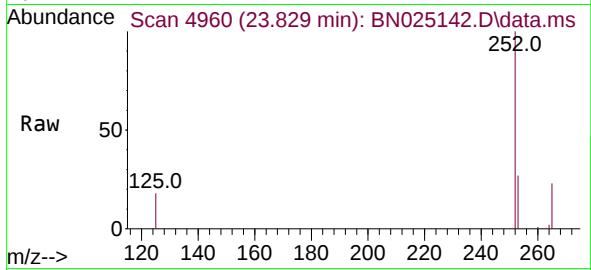




#26
Benzo(a)pyrene
Concen: 0.399 ng/ul
RT: 23.829 min Scan# 4967
Delta R.T. -0.020 min
Lab File: BN025142.D
Acq: 26 Apr 2023 12:43

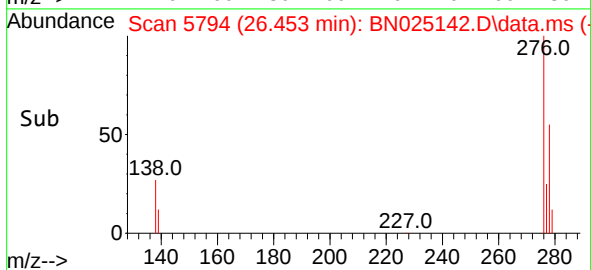
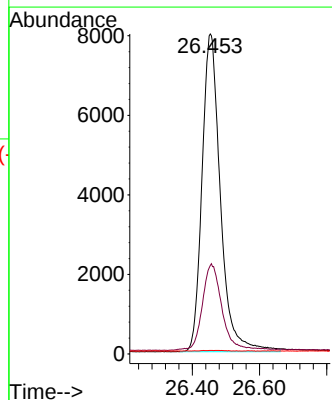
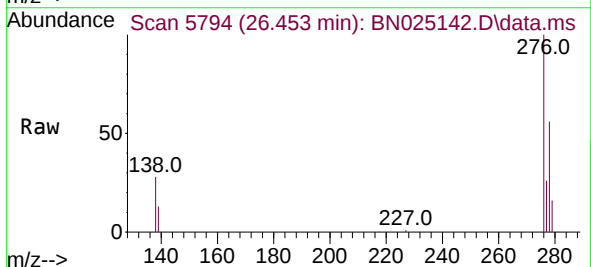
Instrument :
BNA_N
ClientSampleId :
DCBL6MSD

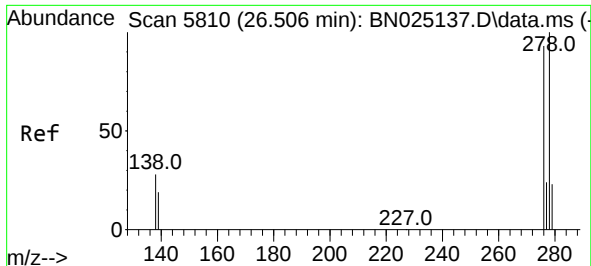
Tgt Ion:	252	Resp:	24925
Ion Ratio	Lower	Upper	
252	100		
253	27.4	21.4	32.2
125	17.7	14.6	22.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.423 ng/ul
RT: 26.453 min Scan# 5794
Delta R.T. -0.036 min
Lab File: BN025142.D
Acq: 26 Apr 2023 12:43

Tgt Ion:	276	Resp:	30406
Ion Ratio	Lower	Upper	
276	100		
138	29.2	21.9	32.9
227	0.2	0.1	0.1

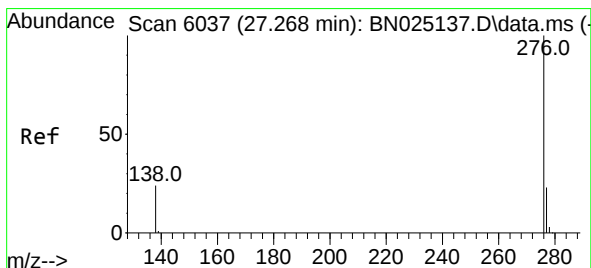
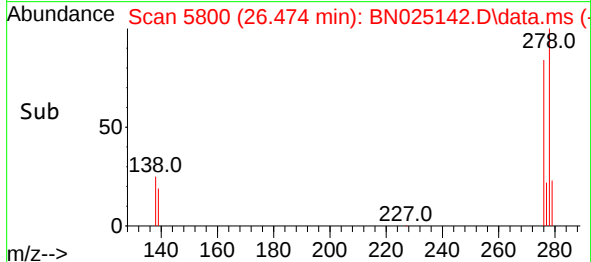
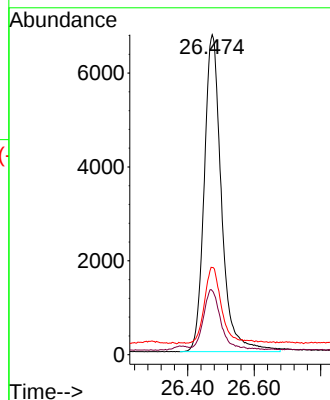
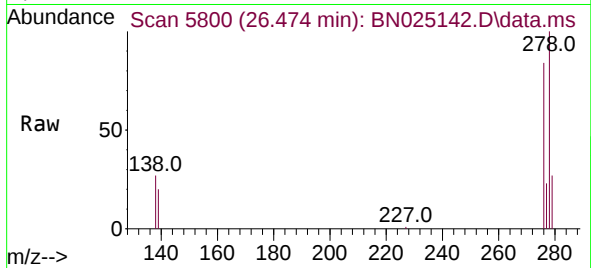




#28
 Dibenzo(a,h)anthracene
 Concen: 0.433 ng/ul
 RT: 26.474 min Scan# 5810
 Delta R.T. -0.033 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

Instrument :
 BNA_N
 ClientSampleId :
 DCBL6MSD

Tgt Ion:278 Resp: 24324
 Ion Ratio Lower Upper
 278 100
 139 20.0 17.0 25.6
 279 27.2 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.422 ng/ul
 RT: 27.232 min Scan# 6026
 Delta R.T. -0.036 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

Tgt Ion:276 Resp: 25840
 Ion Ratio Lower Upper
 276 100
 138 25.1 20.3 30.5
 277 24.8 19.8 29.6

