

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071322\
 Data File : BN020730.D
 Acq On : 13 Jul 2022 15:35
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4393

Quant Time: Jul 14 03:11:29 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 : Sat Jul 02 00:47:40 2022
 Response via : Initial Calibration

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

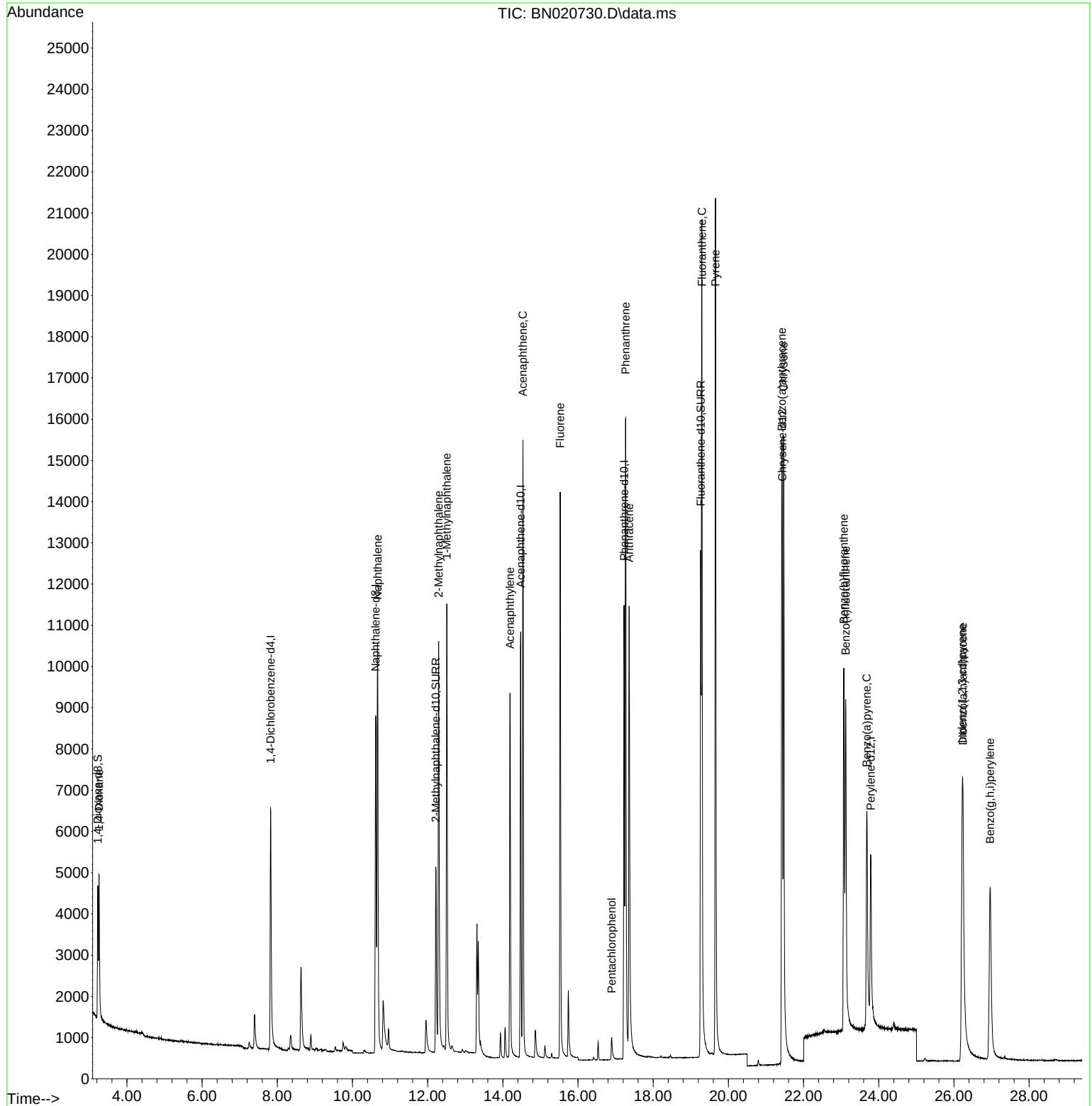
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	4047	0.400	ng/ul	0.00
4) Naphthalene-d8	10.617	136	12626	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.474	164	6154	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.226	188	14223	0.400	ng/ul	0.00
17) Chrysene-d12	21.435	240	9474	0.400	ng/ul	0.00
23) Perylene-d12	23.785	264	6685	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.227	96	2107	0.449	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.218	152	6905	0.333	ng/ul	-0.01
18) Fluoranthene-d10	19.262	212	14726	0.471	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.260	88	2190	0.457	ng/ul	92
5) Naphthalene	10.667	128	15400	0.395	ng/ul	99
7) 2-Methylnaphthalene	12.295	142	8367	0.321	ng/ul	99
8) 1-Methylnaphthalene	12.509	142	8301	0.336	ng/ul	100
10) Acenaphthylene	14.192	152	11652	0.400	ng/ul	99
11) Acenaphthene	14.534	153	9206	0.394	ng/ul	100
12) Fluorene	15.524	166	9924	0.359	ng/ul	97
14) Pentachlorophenol	16.896	266	563	0.196	ng/ul	97
15) Phenanthrene	17.268	178	19364	0.392	ng/ul	99
16) Anthracene	17.361	178	15538	0.364	ng/ul	99
19) Fluoranthene	19.295	202	20085	0.464	ng/ul	99
20) Pyrene	19.657	202	20216	0.450	ng/ul	98
21) Benzo(a)anthracene	21.420	228	12159	0.357	ng/ul	100
22) Chrysene	21.470	228	15361	0.406	ng/ul	99
24) Benzo(b)fluoranthene	23.072	252	12782	0.413	ng/ul	98
25) Benzo(k)fluoranthene	23.118	252	12910	0.413	ng/ul	100
26) Benzo(a)pyrene	23.683	252	10958	0.390	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.222	276	11790	0.421	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.238	278	9332	0.413	ng/ul	99
29) Benzo(g,h,i)perylene	26.966	276	10902	0.454	ng/ul	99

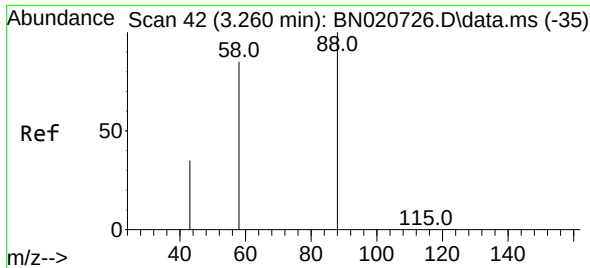
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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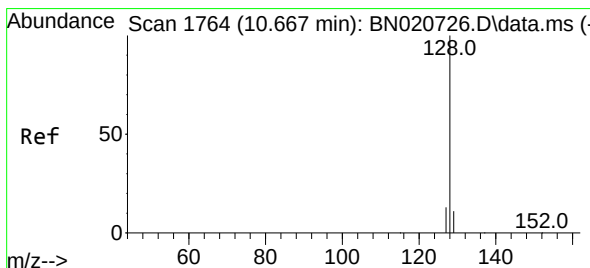
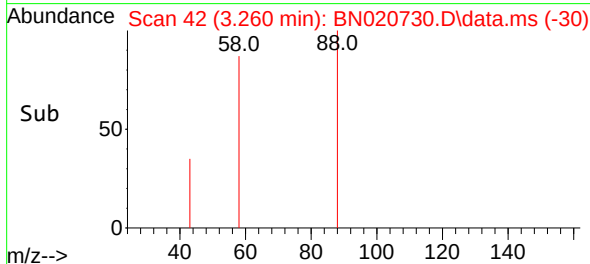
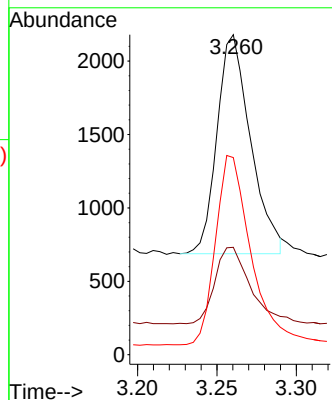
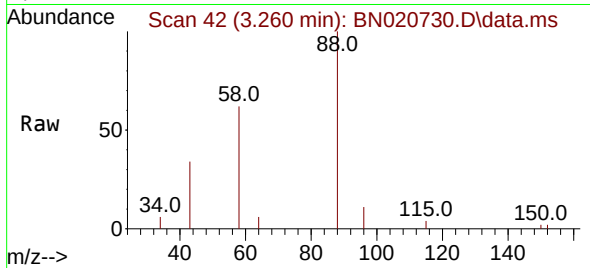




#2
 1,4-Dioxane
 Concen: 0.457 ng/ul
 RT: 3.260 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BN020730.D
 Acq: 13 Jul 2022 15:35

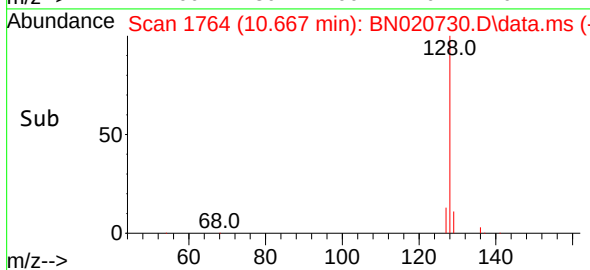
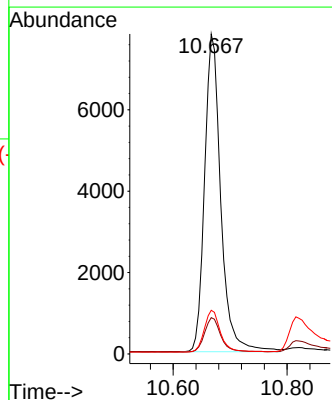
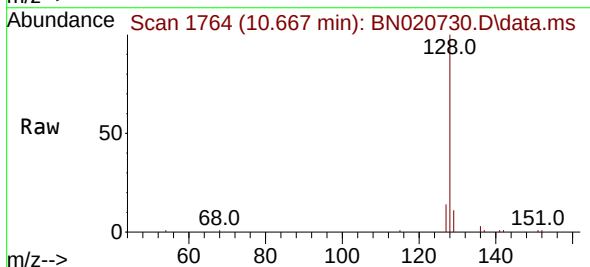
Instrument :
 BNA_N
 ClientSampleId :
 SST00.4393

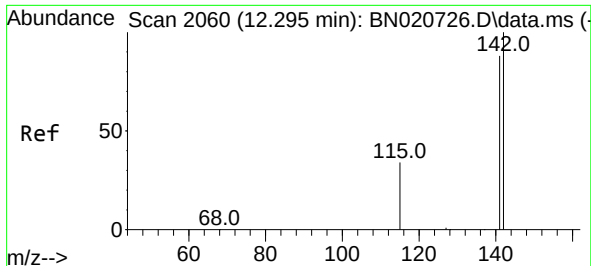
Tgt Ion: 88 Resp: 2190
 Ion Ratio Lower Upper
 88 100
 43 33.6 32.5 48.7
 58 61.6 46.2 69.2



#5
 Naphthalene
 Concen: 0.395 ng/ul
 RT: 10.667 min Scan# 1764
 Delta R.T. -0.011 min
 Lab File: BN020730.D
 Acq: 13 Jul 2022 15:35

Tgt Ion: 128 Resp: 15400
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.5 14.3
 127 13.6 11.3 16.9

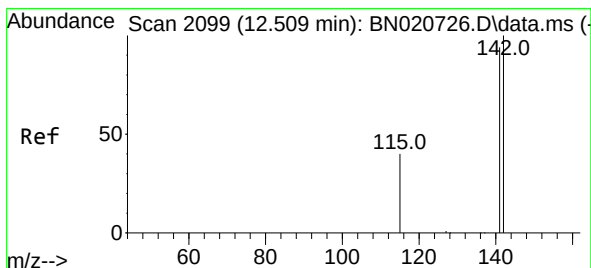
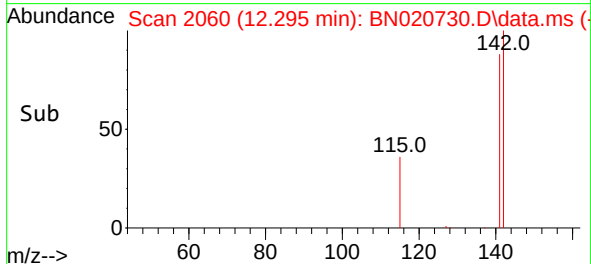
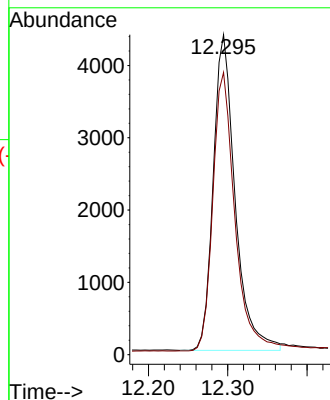
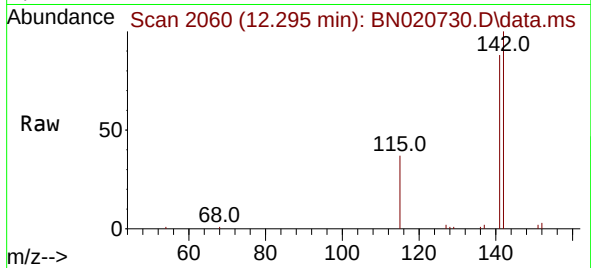




#7
2-Methylnaphthalene
Concen: 0.321 ng/ul
RT: 12.295 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BN020730.D
Acq: 13 Jul 2022 15:35

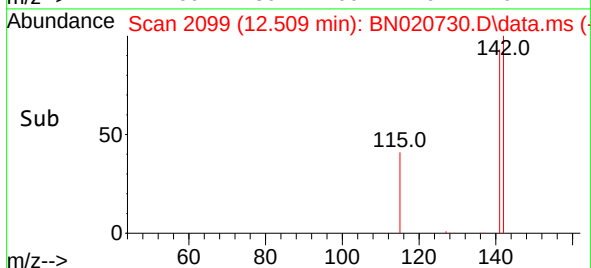
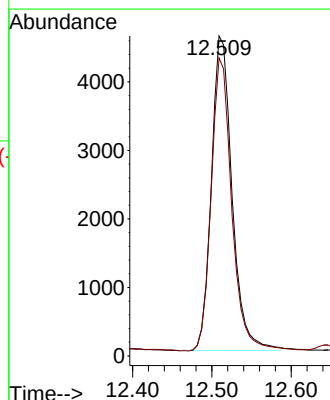
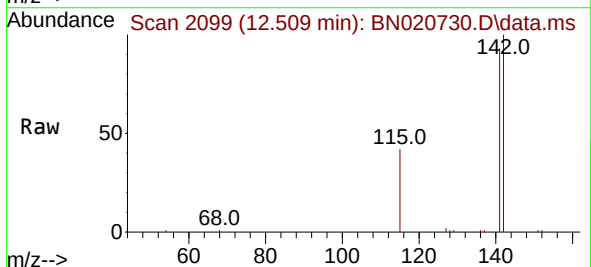
Instrument :
BNA_N
ClientSampleId :
SSTD0.4393

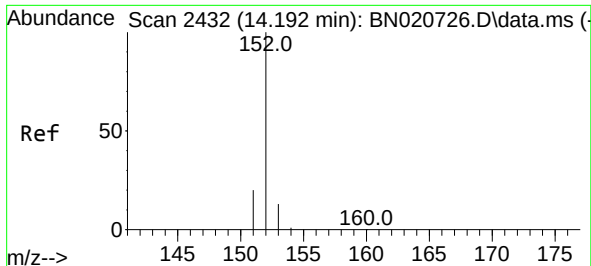
Tgt Ion:142 Resp: 8367
Ion Ratio Lower Upper
142 100
141 89.0 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.509 min Scan# 2099
Delta R.T. -0.011 min
Lab File: BN020730.D
Acq: 13 Jul 2022 15:35

Tgt Ion:142 Resp: 8301
Ion Ratio Lower Upper
142 100
141 92.4 73.7 110.5

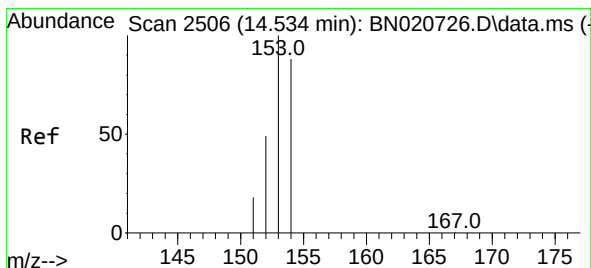
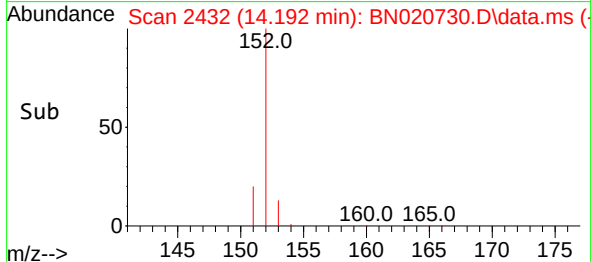
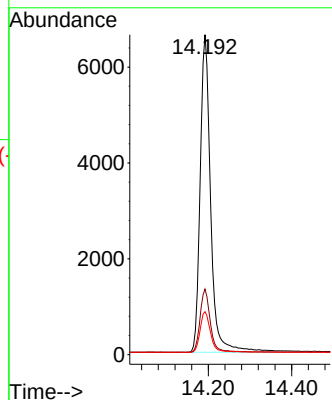
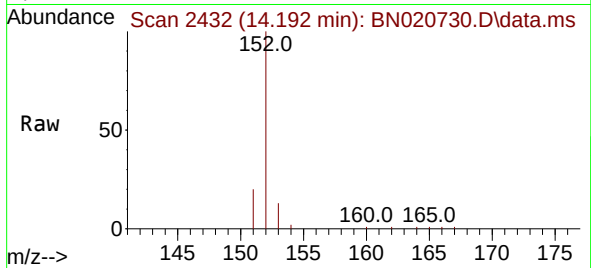




#10
Acenaphthylene
Concen: 0.400 ng/u1
RT: 14.192 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN020730.D
Acq: 13 Jul 2022 15:35

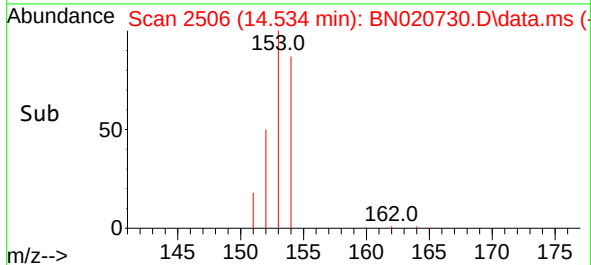
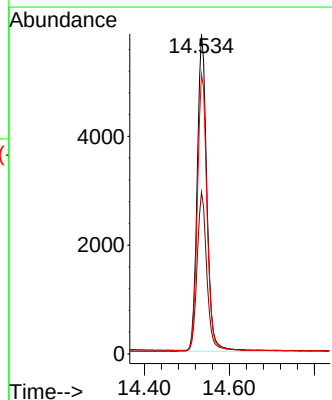
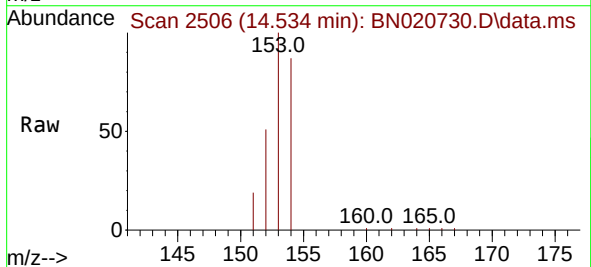
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BNA_N
ClientSampleId :
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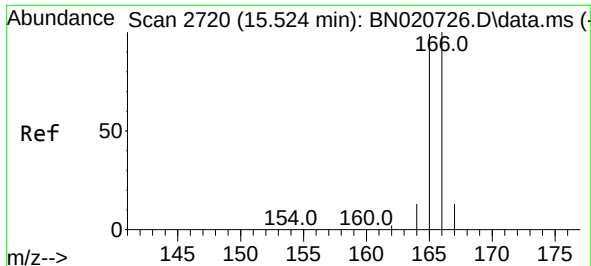
Tgt Ion:152 Resp: 11652
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 13.4 11.1 16.7



#11
Acenaphthene
Concen: 0.394 ng/u1
RT: 14.534 min Scan# 2506
Delta R.T. -0.009 min
Lab File: BN020730.D
Acq: 13 Jul 2022 15:35

Tgt Ion:153 Resp: 9206
Ion Ratio Lower Upper
153 100
152 50.6 40.0 60.0
154 87.4 70.0 105.0

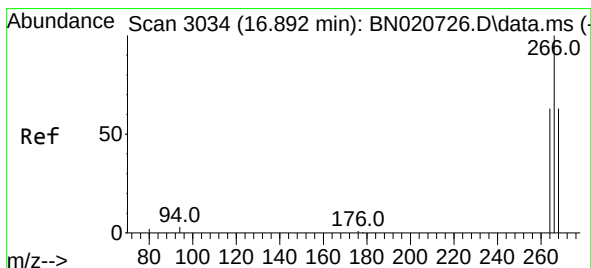
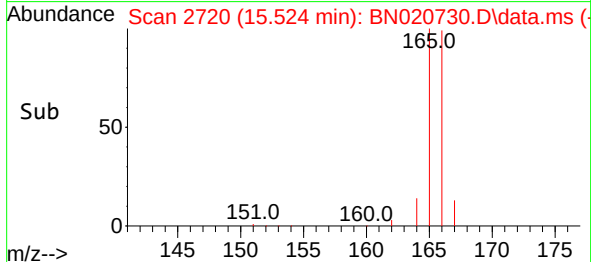
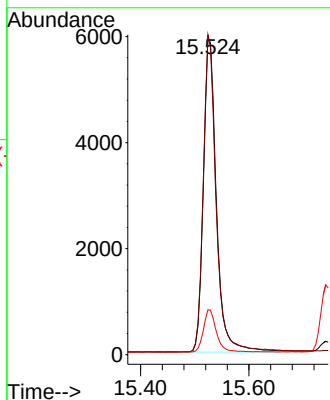
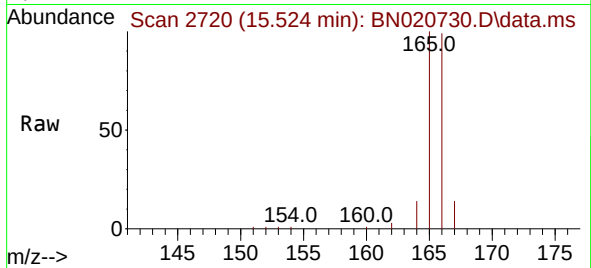




#12
Fluorene
Concen: 0.359 ng/ul
RT: 15.524 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN020730.D
Acq: 13 Jul 2022 15:35

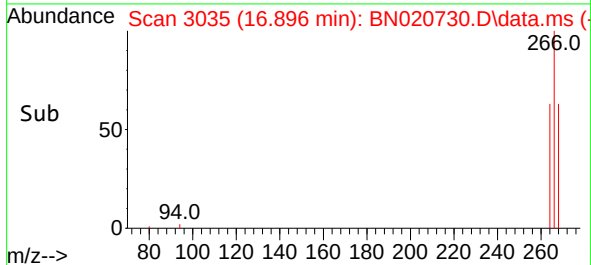
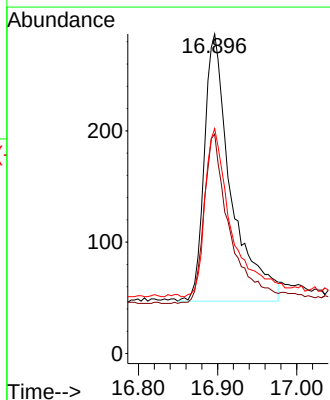
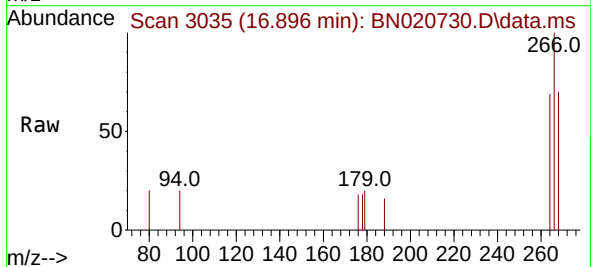
Instrument :
BNA_N
ClientSampleId :
SSTD0.4393

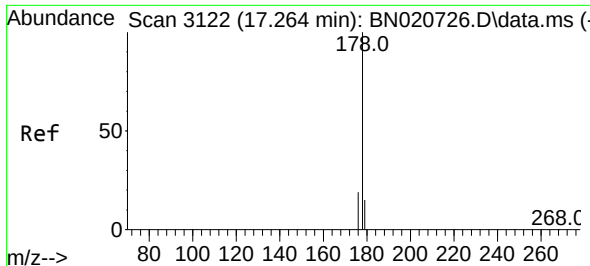
Tgt Ion:166 Resp: 9924
Ion Ratio Lower Upper
166 100
165 100.8 78.2 117.2
167 14.1 11.3 16.9



#14
Pentachlorophenol
Concen: 0.196 ng/ul
RT: 16.896 min Scan# 3035
Delta R.T. -0.008 min
Lab File: BN020730.D
Acq: 13 Jul 2022 15:35

Tgt Ion:266 Resp: 563
Ion Ratio Lower Upper
266 100
264 62.0 51.6 77.4
268 62.5 51.5 77.3

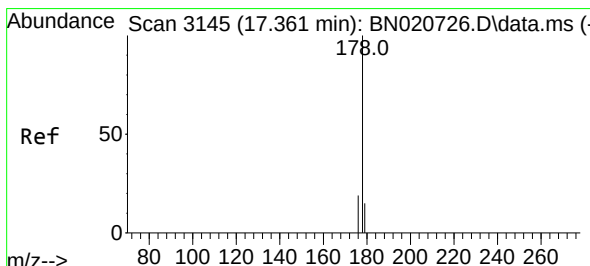
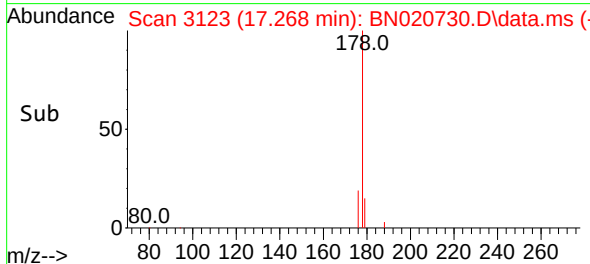
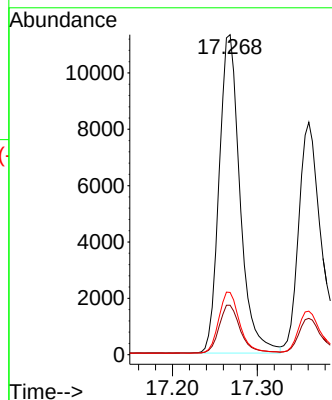
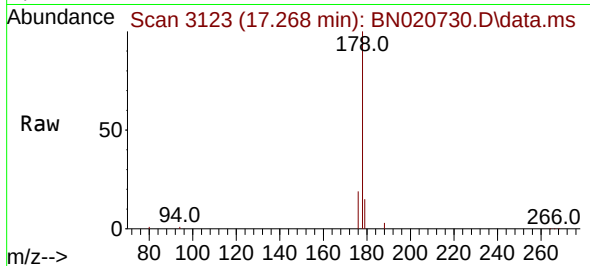




#15
Phenanthrene
Concen: 0.392 ng/ul
RT: 17.268 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BN020730.D
Acq: 13 Jul 2022 15:35

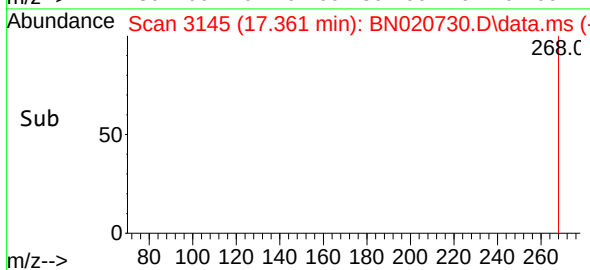
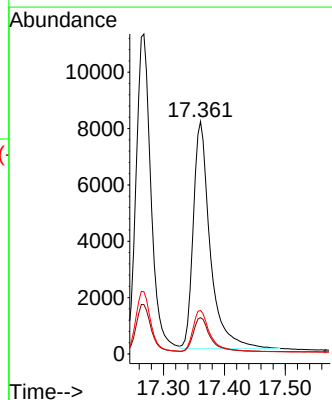
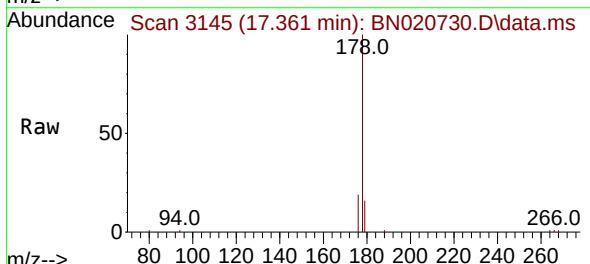
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ClientSampleId :
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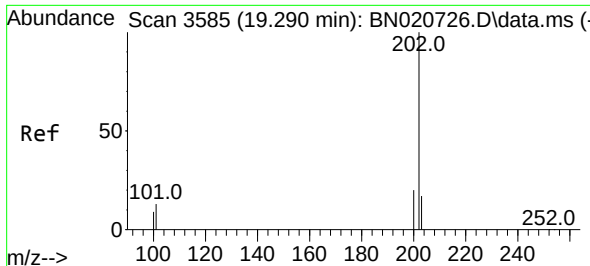
Tgt Ion:178 Resp: 19364
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.5 15.8 23.6



#16
Anthracene
Concen: 0.364 ng/ul
RT: 17.361 min Scan# 3145
Delta R.T. -0.008 min
Lab File: BN020730.D
Acq: 13 Jul 2022 15:35

Tgt Ion:178 Resp: 15538
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 18.7 15.2 22.8

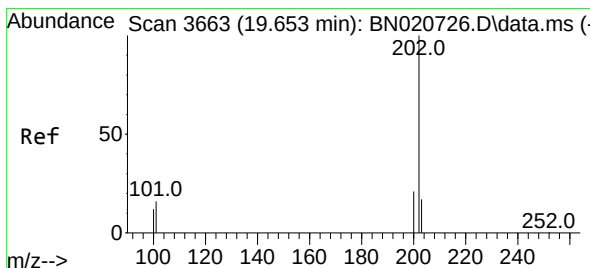
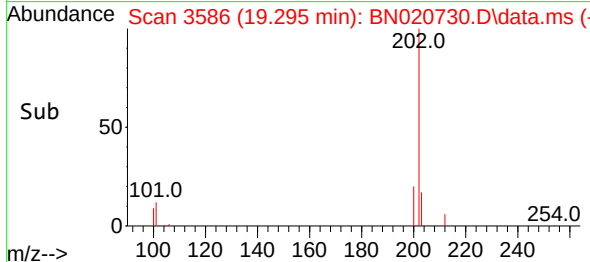
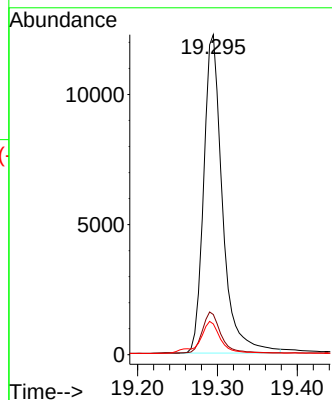
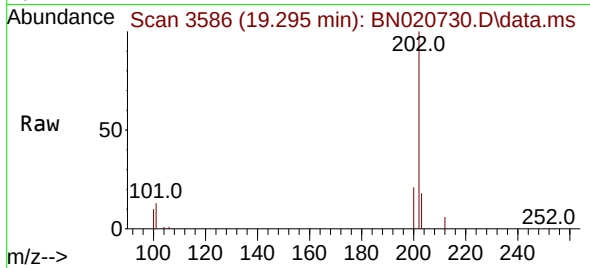




#19
Fluoranthene
Concen: 0.464 ng/ul
RT: 19.295 min Scan# 3585
Delta R.T. -0.009 min
Lab File: BN020730.D
Acq: 13 Jul 2022 15:35

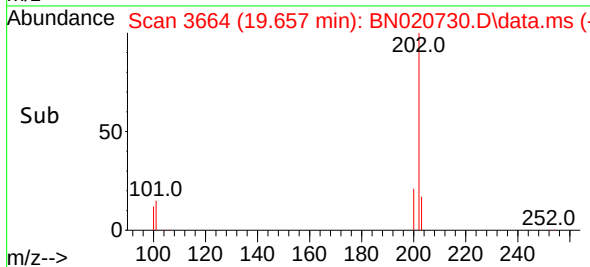
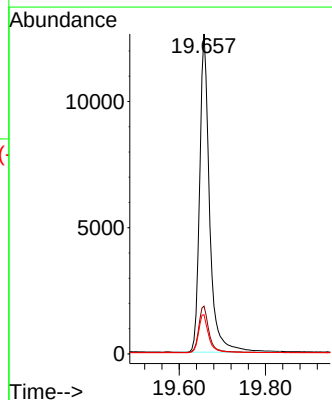
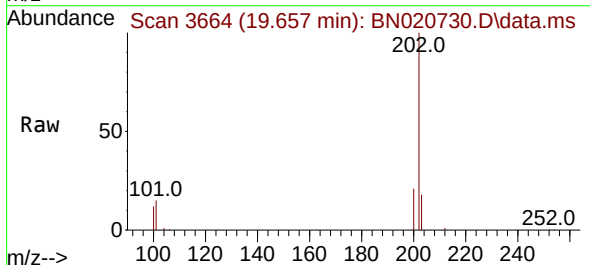
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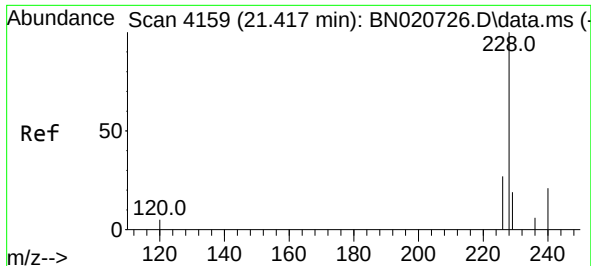
Tgt Ion:202 Resp: 20085
Ion Ratio Lower Upper
202 100
101 12.5 10.3 15.5
100 9.6 7.8 11.6



#20
Pyrene
Concen: 0.450 ng/ul
RT: 19.657 min Scan# 3664
Delta R.T. -0.009 min
Lab File: BN020730.D
Acq: 13 Jul 2022 15:35

Tgt Ion:202 Resp: 20216
Ion Ratio Lower Upper
202 100
101 15.0 11.6 17.4
100 12.3 9.2 13.8

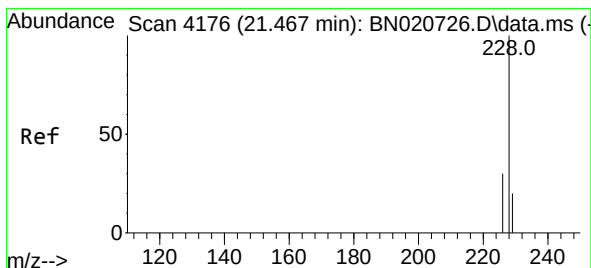
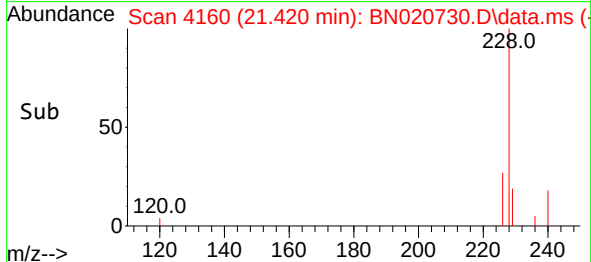
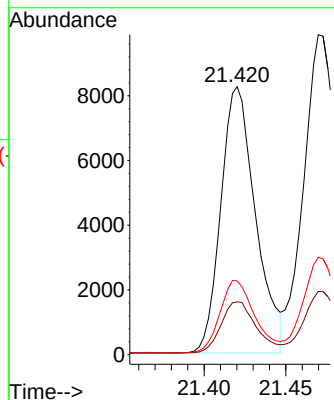
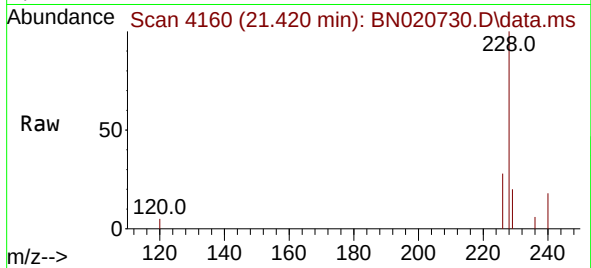




#21
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.420 min Scan# 4159
Delta R.T. -0.009 min
Lab File: BN020730.D
Acq: 13 Jul 2022 15:35

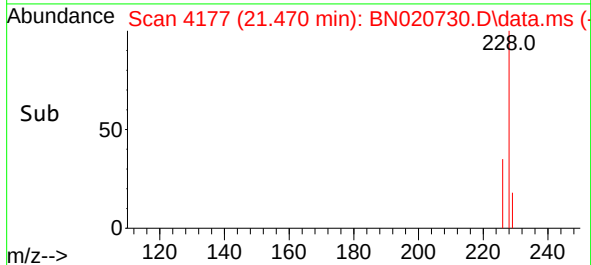
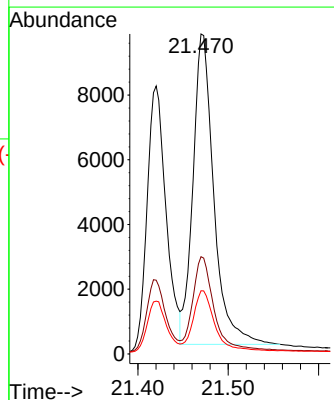
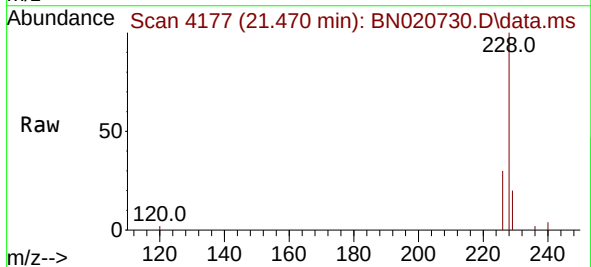
Instrument :
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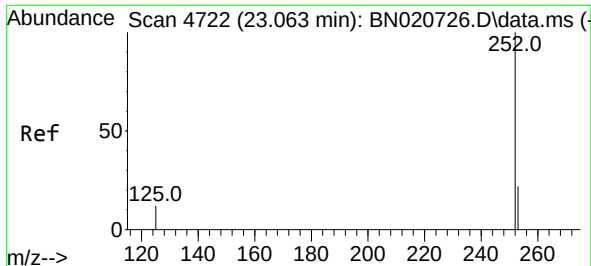
Tgt Ion:228 Resp: 12159
Ion Ratio Lower Upper
228 100
229 19.7 15.9 23.9
226 27.5 22.2 33.2



#22
Chrysene
Concen: 0.406 ng/ul
RT: 21.470 min Scan# 4177
Delta R.T. -0.009 min
Lab File: BN020730.D
Acq: 13 Jul 2022 15:35

Tgt Ion:228 Resp: 15361
Ion Ratio Lower Upper
228 100
226 30.4 23.9 35.9
229 19.7 15.8 23.8

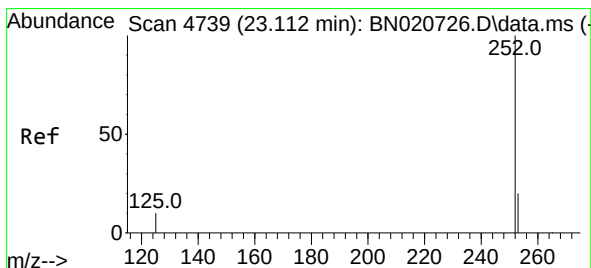
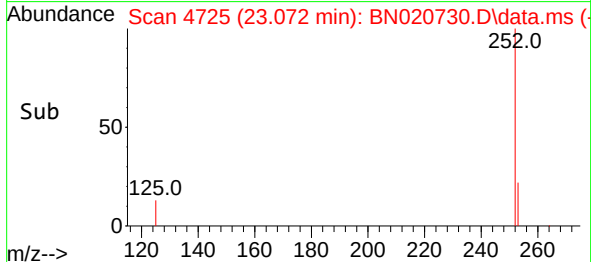
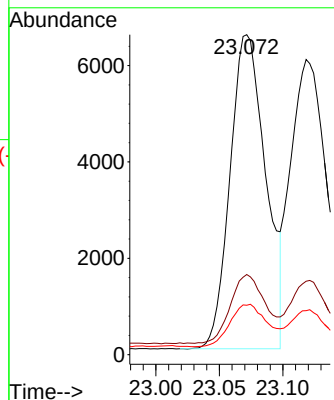
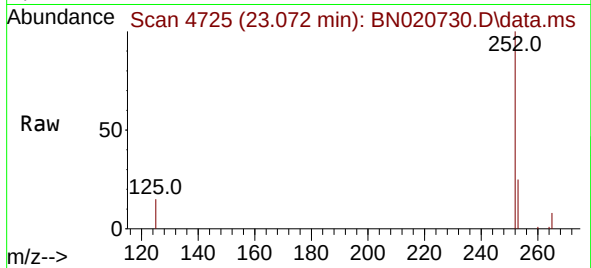




#24
Benzo(b)fluoranthene
Concen: 0.413 ng/ul
RT: 23.072 min Scan# 4725
Delta R.T. -0.012 min
Lab File: BN020730.D
Acq: 13 Jul 2022 15:35

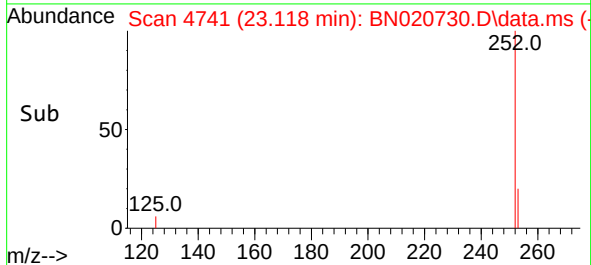
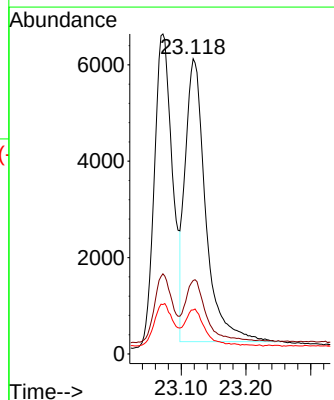
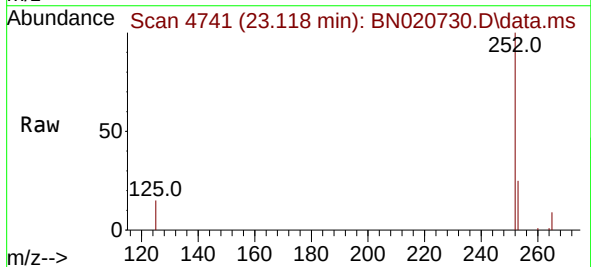
Instrument :
BNA_N
ClientSampleId :
SSTD0.4393

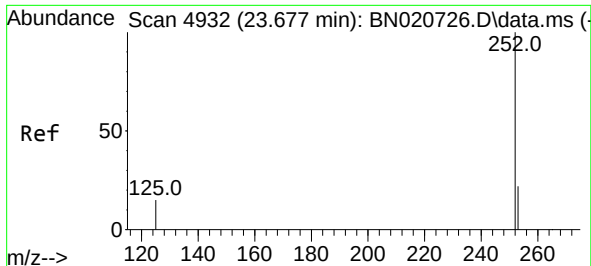
Tgt Ion:252 Resp: 12782
Ion Ratio Lower Upper
252 100
253 25.1 0.0 48.6
125 15.4 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.413 ng/ul
RT: 23.118 min Scan# 4741
Delta R.T. -0.012 min
Lab File: BN020730.D
Acq: 13 Jul 2022 15:35

Tgt Ion:252 Resp: 12910
Ion Ratio Lower Upper
252 100
253 24.9 19.7 29.5
125 14.9 12.0 18.0

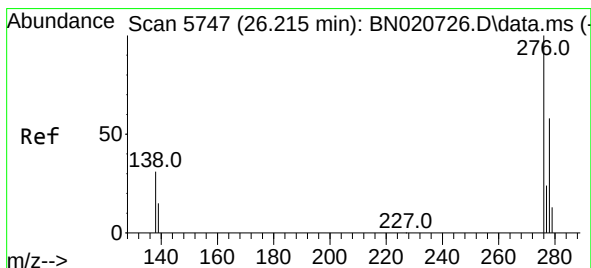
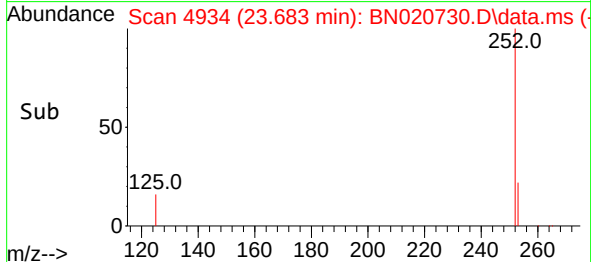
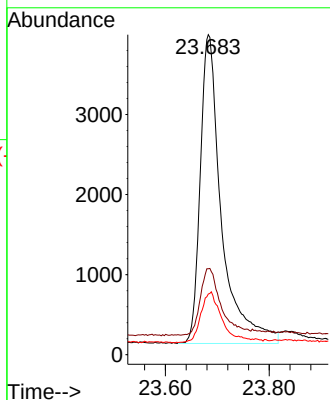
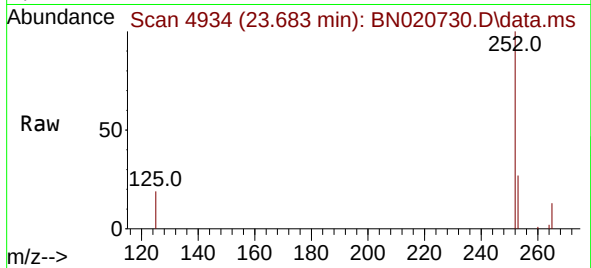




#26
Benzo(a)pyrene
Concen: 0.390 ng/ul
RT: 23.683 min Scan# 4934
Delta R.T. -0.015 min
Lab File: BN020730.D
Acq: 13 Jul 2022 15:35

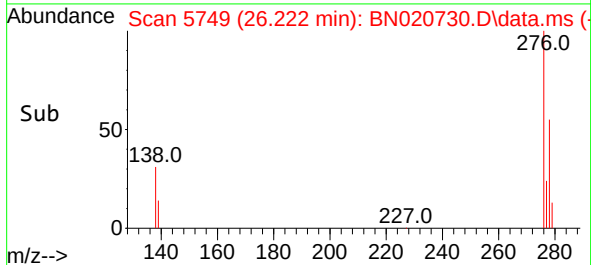
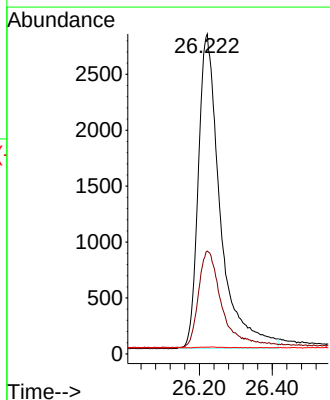
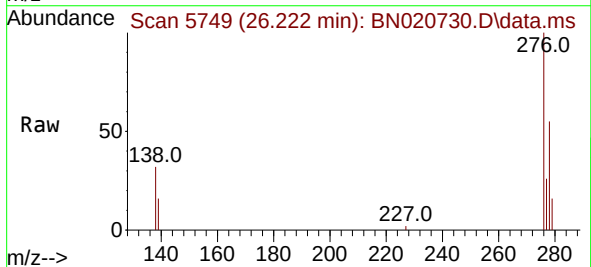
Instrument :
BNA_N
ClientSampleId :
SSTD0.4393

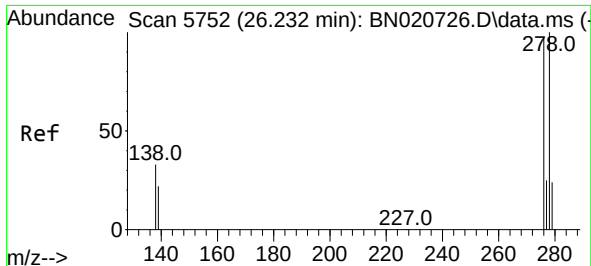
Tgt Ion:	252	Resp:	10958
Ion Ratio	Lower	Upper	
252	100		
253	26.8	21.0	31.4
125	19.0	18.8	28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng/ul
RT: 26.222 min Scan# 5749
Delta R.T. -0.023 min
Lab File: BN020730.D
Acq: 13 Jul 2022 15:35

Tgt Ion:	276	Resp:	11790
Ion Ratio	Lower	Upper	
276	100		
138	32.9	27.4	41.2
227	0.1	0.2	0.2

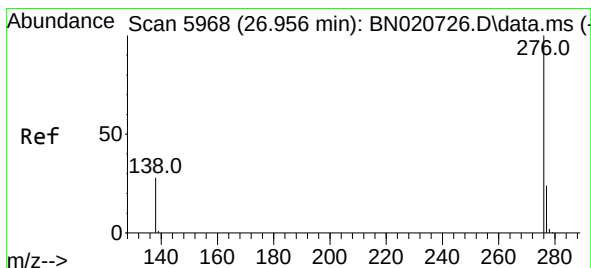
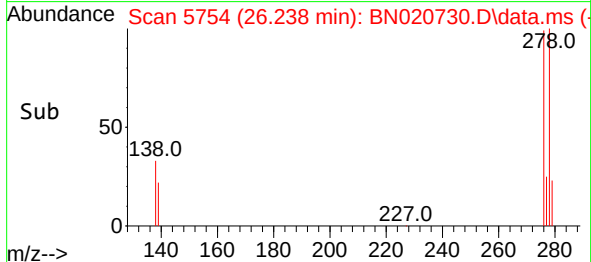
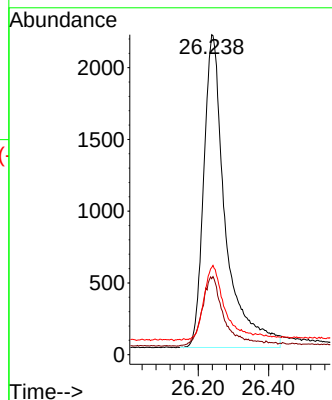
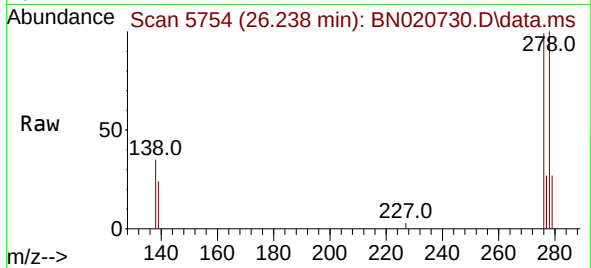




#28
 Dibenzo(a,h)anthracene
 Concen: 0.413 ng/ul
 RT: 26.238 min Scan# 51
 Delta R.T. -0.023 min
 Lab File: BN020730.D
 Acq: 13 Jul 2022 15:35

Instrument :
 BNA_N
 ClientSampleId :
 SST00.4393

Tgt Ion:278 Resp: 9332
 Ion Ratio Lower Upper
 278 100
 139 23.8 18.8 28.2
 279 27.3 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.454 ng/ul
 RT: 26.966 min Scan# 5971
 Delta R.T. -0.023 min
 Lab File: BN020730.D
 Acq: 13 Jul 2022 15:35

Tgt Ion:276 Resp: 10902
 Ion Ratio Lower Upper
 276 100
 138 28.9 23.5 35.3
 277 25.6 20.1 30.1

