

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062122\
 Data File : BN020330.D
 Acq On : 22 Jun 2022 05:16
 Operator : CG/JU
 Sample : N3359-08MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4R7MS

Quant Time: Jun 22 05:45:19 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)

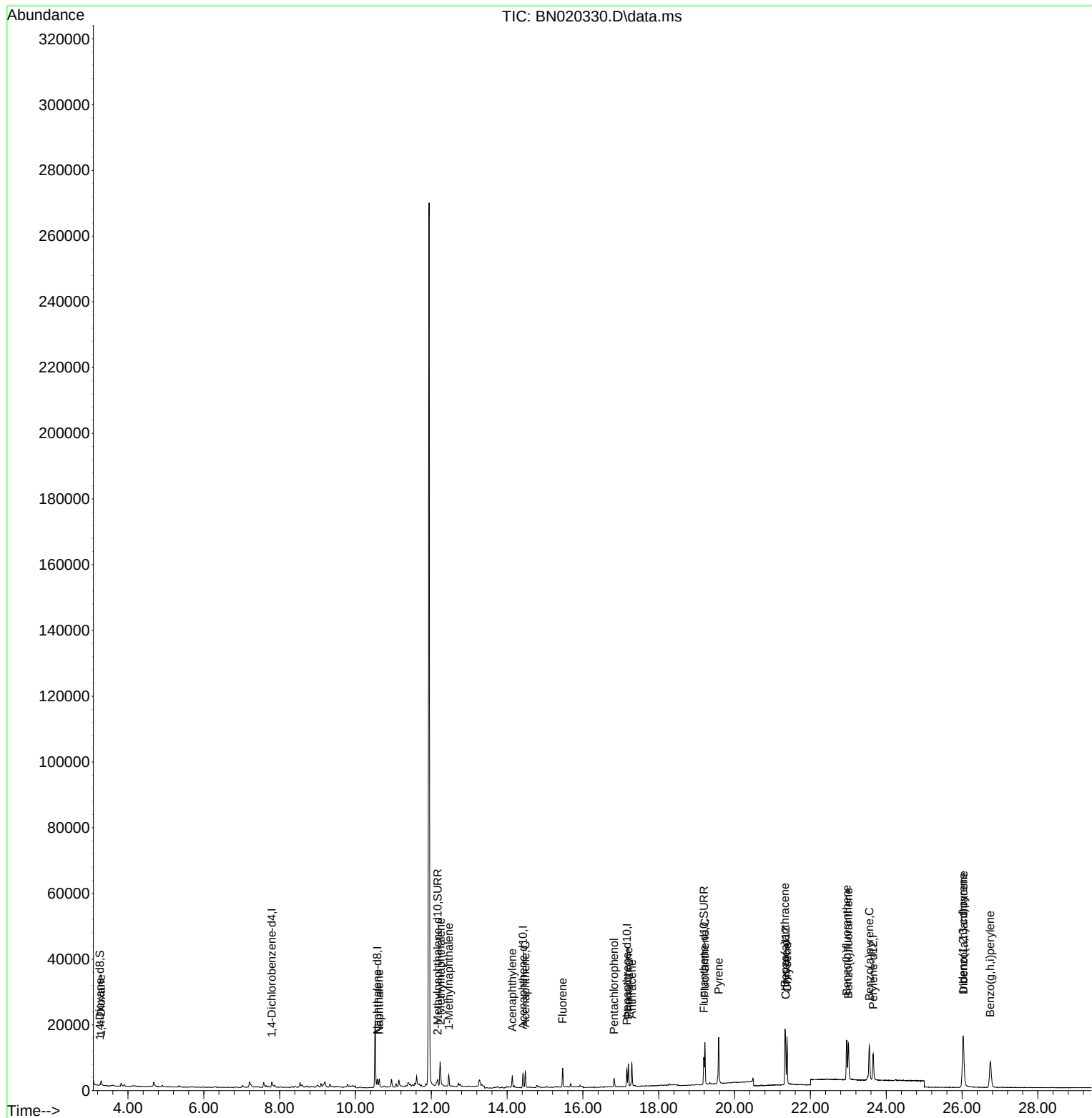
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	897	0.400	ng/ul	0.00
4) Naphthalene-d8	10.579	136	4141	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.419	164	2666	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.158	188	6425	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.347	240	9355	0.400	ng/ul	# 0.00
23) Perylene-d12	23.656	264	10983	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	246	0.240	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.168	152	1926	0.281	ng/ul	-0.01
18) Fluoranthene-d10	19.188	212	9154	0.474	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	729	0.739	ng/ul#	29
5) Naphthalene	10.628	128	3551	0.268	ng/ul	99
7) 2-Methylnaphthalene	12.245	142	2332	0.272	ng/ul	100
8) 1-Methylnaphthalene	12.460	142	2464	0.292	ng/ul	97
10) Acenaphthylene	14.136	152	4467	0.350	ng/ul	99
11) Acenaphthene	14.479	153	3311	0.272	ng/ul	99
12) Fluorene	15.464	166	3905	0.309	ng/ul	97
14) Pentachlorophenol	16.820	266	1849	1.498	ng/ul	100
15) Phenanthrene	17.196	178	7706	0.331	ng/ul	96
16) Anthracene	17.289	178	8378	0.426	ng/ul	98
19) Fluoranthene	19.216	202	11262	0.298	ng/ul	95
20) Pyrene	19.583	202	12361	0.302	ng/ul	98
21) Benzo(a)anthracene	21.330	228	13199	0.363	ng/ul	96
22) Chrysene	21.385	228	13512	0.299	ng/ul	98
24) Benzo(b)fluoranthene	22.955	252	16330	0.208	ng/ul	94
25) Benzo(k)fluoranthene	23.001	252	15555	0.213	ng/ul	94
26) Benzo(a)pyrene	23.554	252	16198	0.326	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.024	276	20621	0.255	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.037	278	16757	0.260	ng/ul	98
29) Benzo(g,h,i)perylene	26.745	276	18248	0.256	ng/ul	99

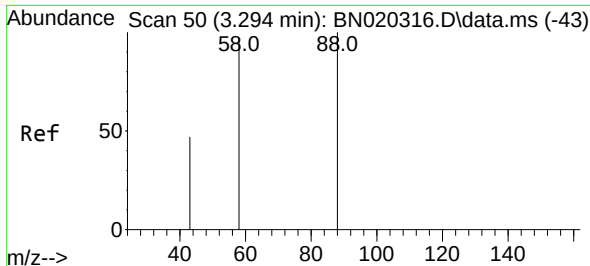
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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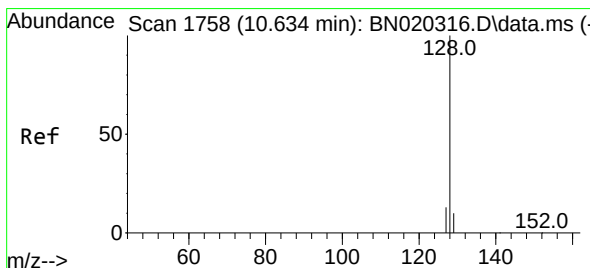
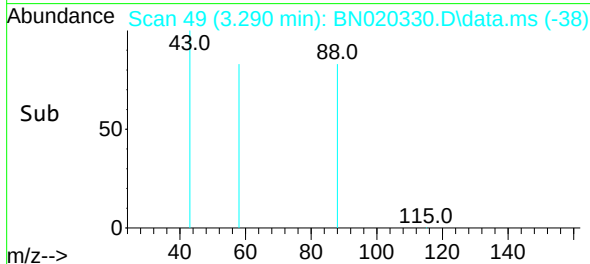
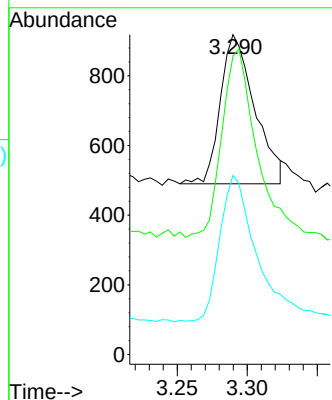
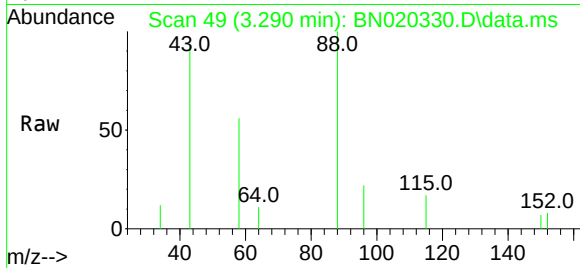




#2
 1,4-Dioxane
 Concen: 0.739 ng/ul
 RT: 3.290 min Scan# 49
 Delta R.T. -0.004 min
 Lab File: BN020330.D
 Acq: 22 Jun 2022 05:16

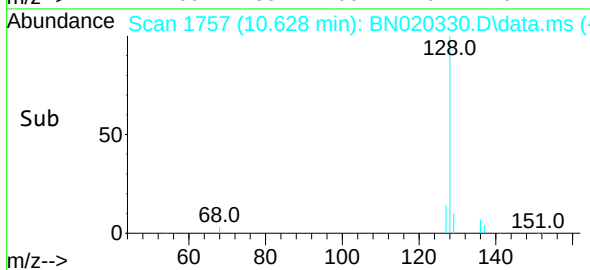
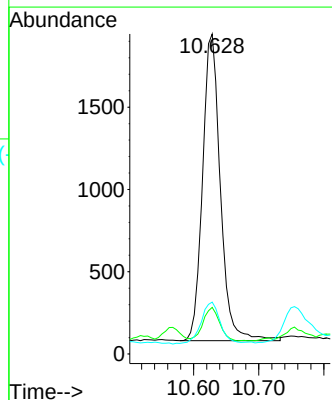
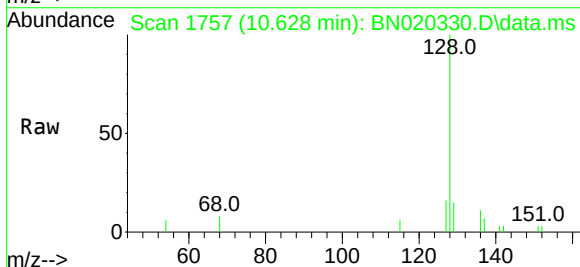
Instrument :
 BNA_N
 ClientSampleId :
 EW4R7MS

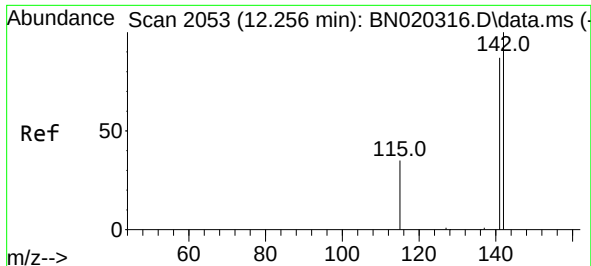
Tgt Ion: 88 Resp: 729
 Ion Ratio Lower Upper
 88 100
 43 93.4 31.6 47.4#
 58 56.0 23.8 35.6#



#5
 Naphthalene
 Concen: 0.268 ng/ul
 RT: 10.628 min Scan# 1757
 Delta R.T. -0.005 min
 Lab File: BN020330.D
 Acq: 22 Jun 2022 05:16

Tgt Ion: 128 Resp: 3551
 Ion Ratio Lower Upper
 128 100
 129 14.6 11.0 16.4
 127 16.2 12.8 19.2

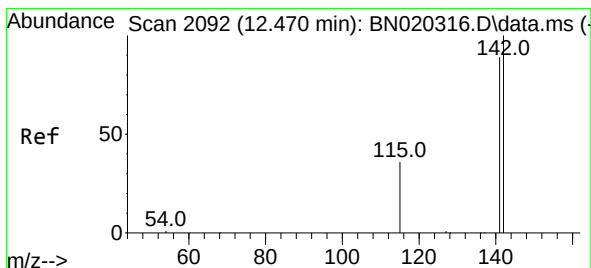
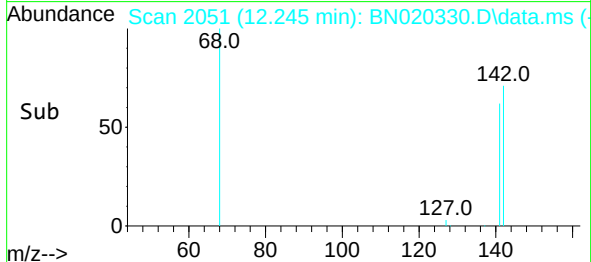
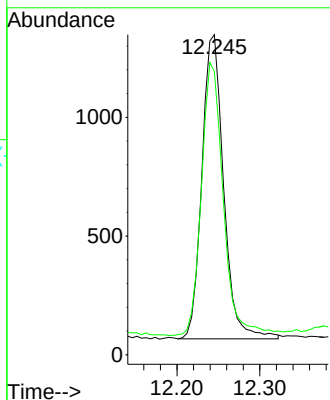
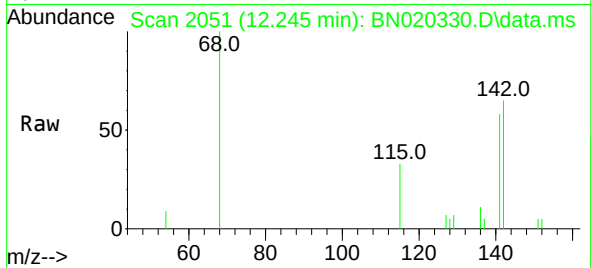




#7
2-Methylnaphthalene
Concen: 0.272 ng/ul
RT: 12.245 min Scan# 2051
Delta R.T. -0.005 min
Lab File: BN020330.D
Acq: 22 Jun 2022 05:16

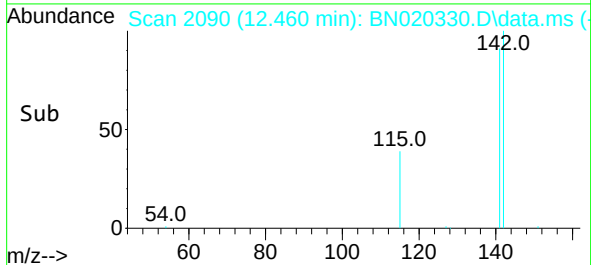
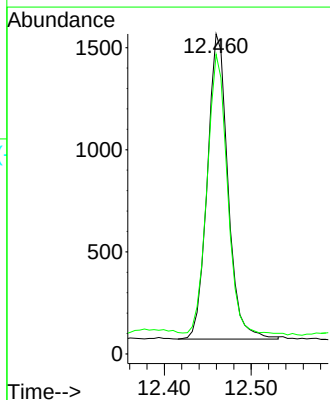
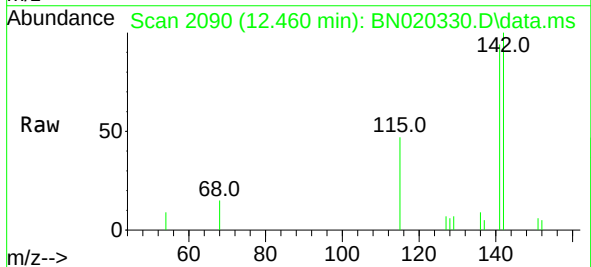
Instrument :
BNA_N
ClientSampleId :
EW4R7MS

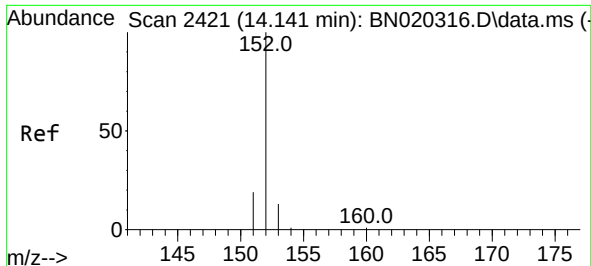
Tgt Ion:142 Resp: 2332
Ion Ratio Lower Upper
142 100
141 90.1 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.292 ng/ul
RT: 12.460 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BN020330.D
Acq: 22 Jun 2022 05:16

Tgt Ion:142 Resp: 2464
Ion Ratio Lower Upper
142 100
141 89.0 73.4 110.0

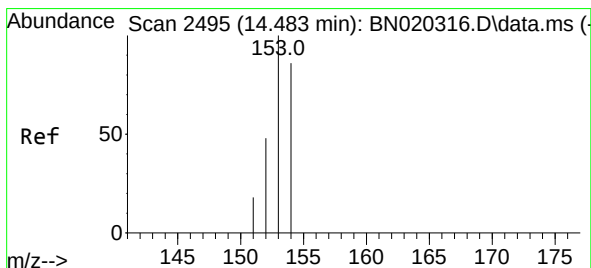
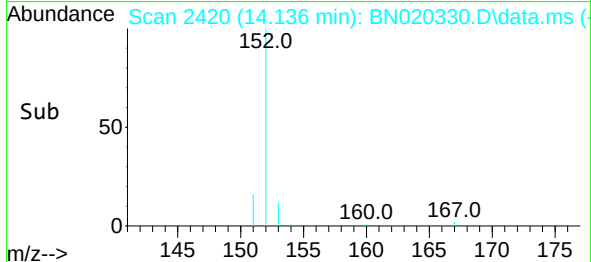
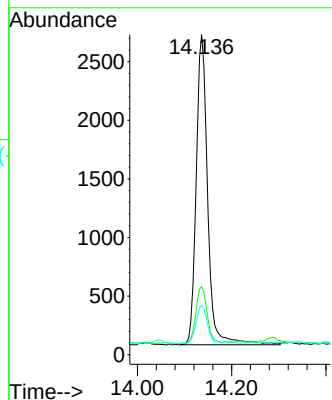
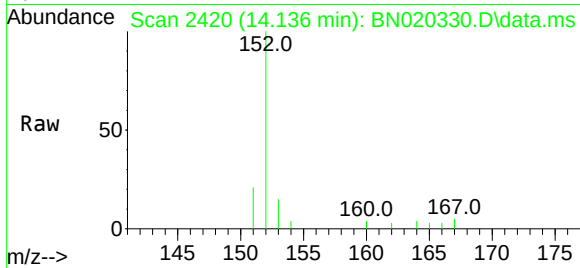




#10
Acenaphthylene
Concen: 0.350 ng/ul
RT: 14.136 min Scan# 2420
Delta R.T. -0.005 min
Lab File: BN020330.D
Acq: 22 Jun 2022 05:16

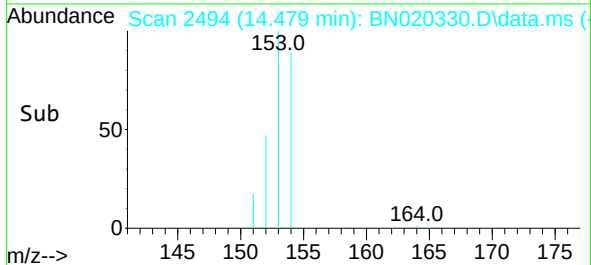
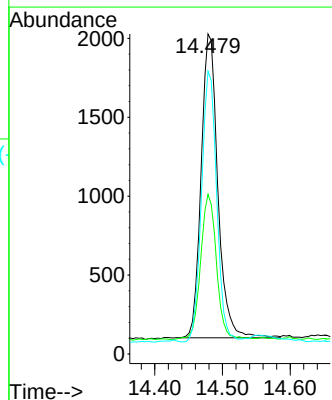
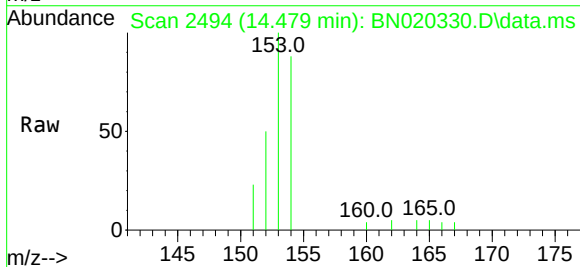
Instrument :
BNA_N
ClientSampleId :
EW4R7MS

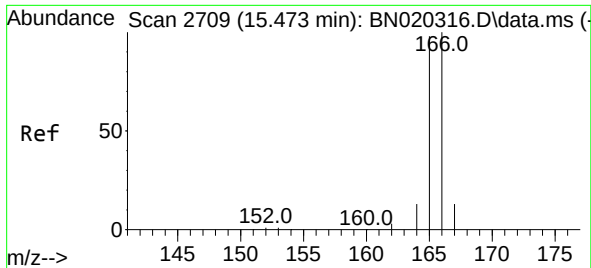
Tgt Ion:	152	Resp:	4467
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.2	25.8
153	15.4	11.7	17.5



#11
Acenaphthene
Concen: 0.272 ng/ul
RT: 14.479 min Scan# 2494
Delta R.T. -0.005 min
Lab File: BN020330.D
Acq: 22 Jun 2022 05:16

Tgt Ion:	153	Resp:	3311
Ion Ratio	Lower	Upper	
153	100		
152	49.9	39.9	59.9
154	88.4	69.2	103.8

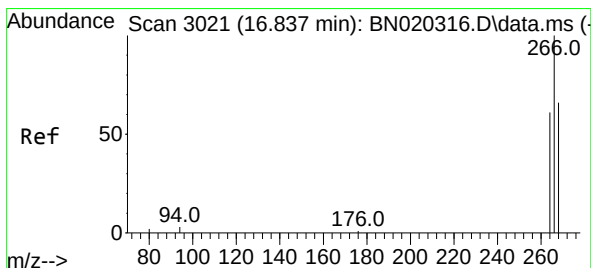
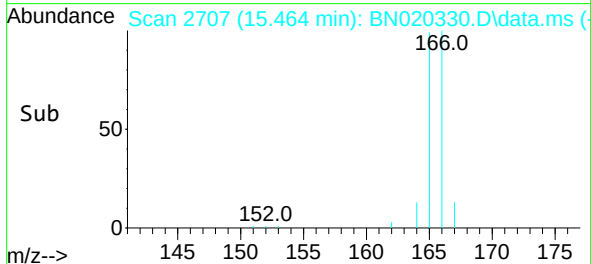
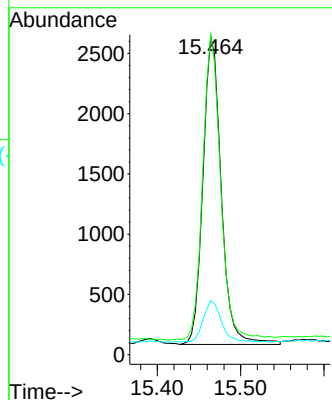
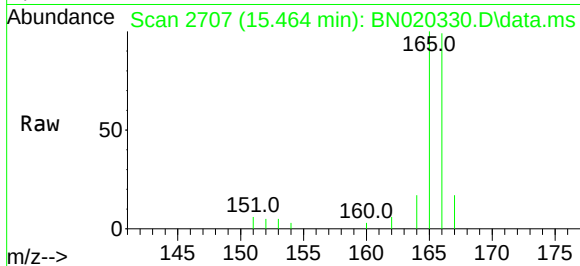




#12
 Fluorene
 Concen: 0.309 ng/ul
 RT: 15.464 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN020330.D
 Acq: 22 Jun 2022 05:16

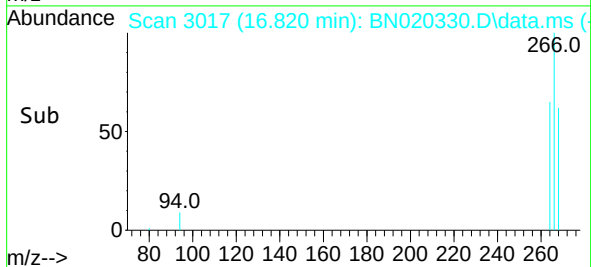
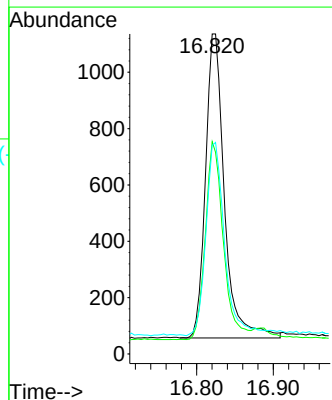
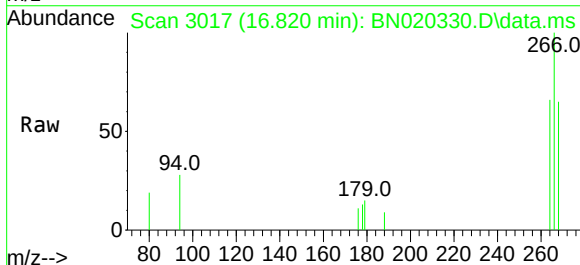
Instrument :
 BNA_N
 ClientSampleId :
 EW4R7MS

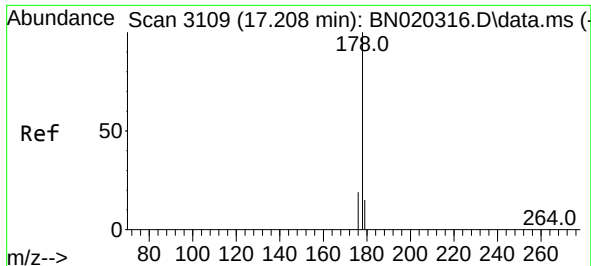
Tgt Ion:	166	Resp:	3905
Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.2	117.4
167	17.0	12.1	18.1



#14
 Pentachlorophenol
 Concen: 1.498 ng/ul
 RT: 16.820 min Scan# 3017
 Delta R.T. -0.017 min
 Lab File: BN020330.D
 Acq: 22 Jun 2022 05:16

Tgt Ion:	266	Resp:	1849
Ion	Ratio	Lower	Upper
266	100		
264	62.2	49.8	74.8
268	64.3	51.8	77.6

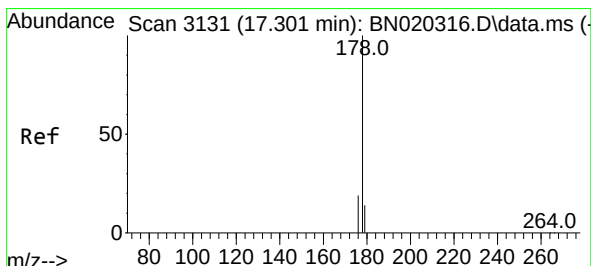
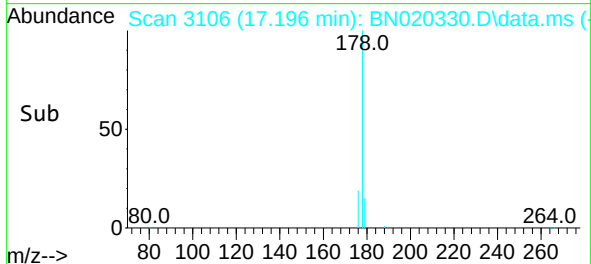
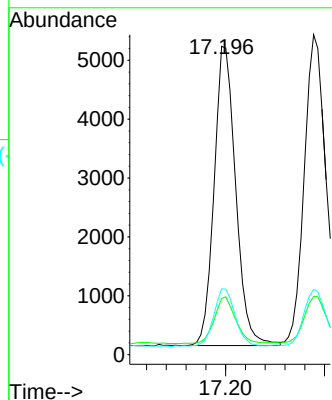
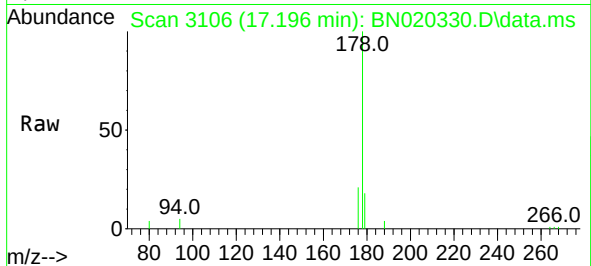




#15
Phenanthrene
Concen: 0.331 ng/ul
RT: 17.196 min Scan# 3106
Delta R.T. -0.008 min
Lab File: BN020330.D
Acq: 22 Jun 2022 05:16

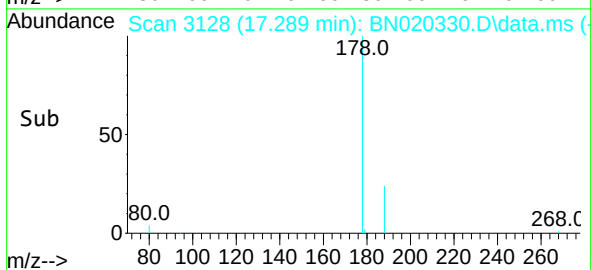
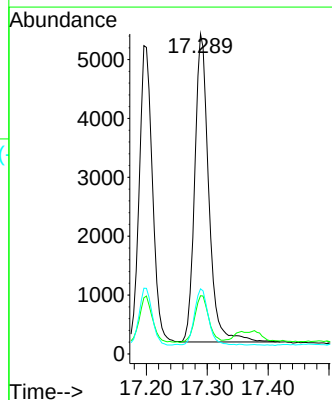
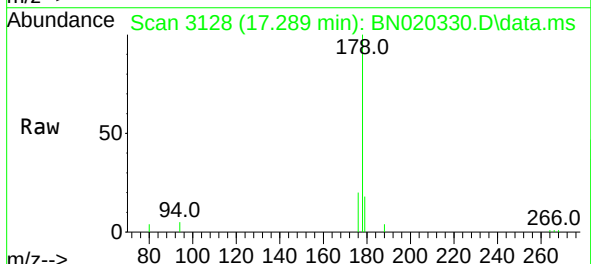
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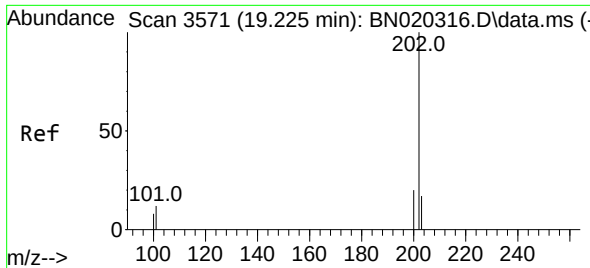
Tgt Ion:178 Resp: 7706
Ion Ratio Lower Upper
178 100
179 18.2 13.4 20.0
176 21.3 15.8 23.6



#16
Anthracene
Concen: 0.426 ng/ul
RT: 17.289 min Scan# 3128
Delta R.T. -0.013 min
Lab File: BN020330.D
Acq: 22 Jun 2022 05:16

Tgt Ion:178 Resp: 8378
Ion Ratio Lower Upper
178 100
179 18.2 13.8 20.8
176 20.4 15.6 23.4

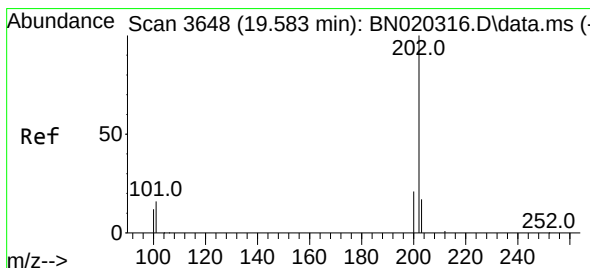
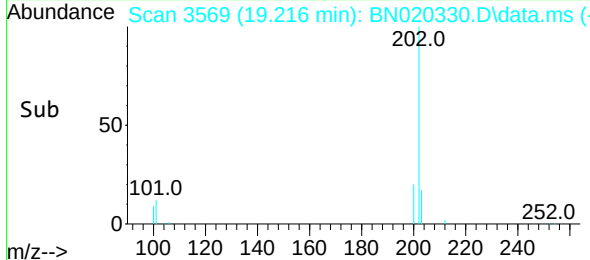
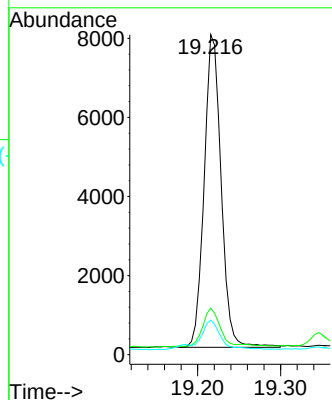
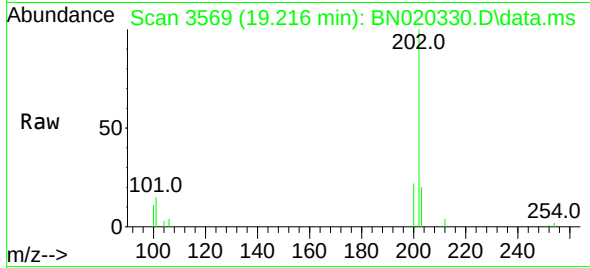




#19
Fluoranthene
Concen: 0.298 ng/u1
RT: 19.216 min Scan# 3569
Delta R.T. -0.009 min
Lab File: BN020330.D
Acq: 22 Jun 2022 05:16

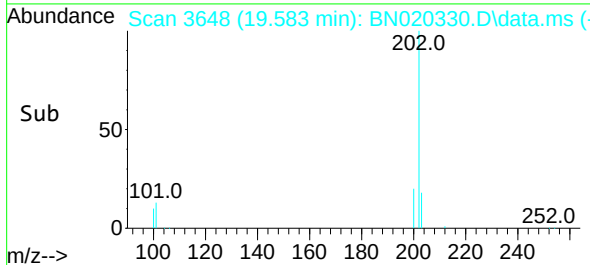
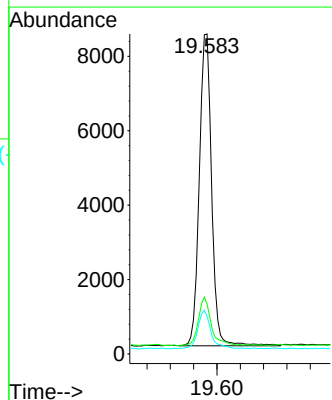
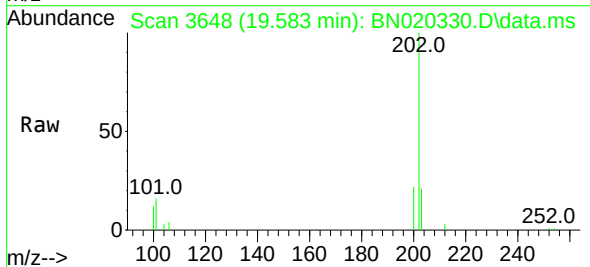
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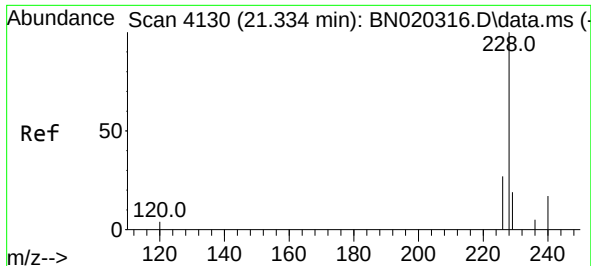
Tgt Ion:202 Resp: 11262
Ion Ratio Lower Upper
202 100
101 14.6 9.9 14.9
100 10.8 7.6 11.4



#20
Pyrene
Concen: 0.302 ng/u1
RT: 19.583 min Scan# 3648
Delta R.T. 0.000 min
Lab File: BN020330.D
Acq: 22 Jun 2022 05:16

Tgt Ion:202 Resp: 12361
Ion Ratio Lower Upper
202 100
101 15.6 12.6 19.0
100 11.7 10.3 15.5

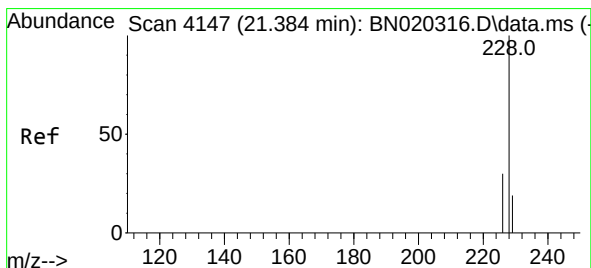
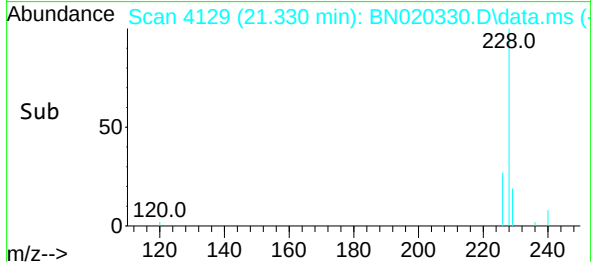
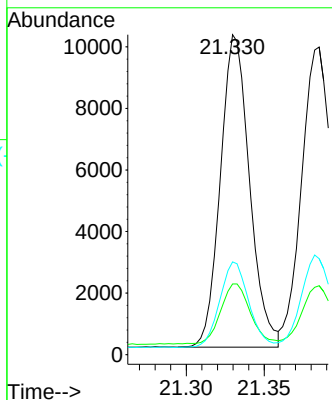
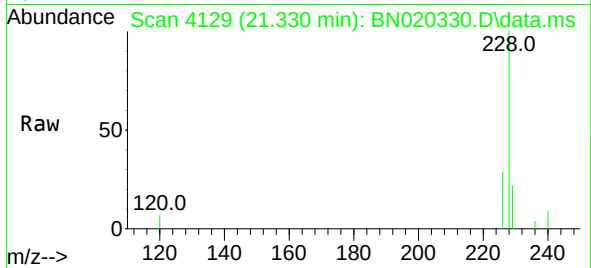




#21
Benzo(a)anthracene
Concen: 0.363 ng/ul
RT: 21.330 min Scan# 4130
Delta R.T. -0.009 min
Lab File: BN020330.D
Acq: 22 Jun 2022 05:16

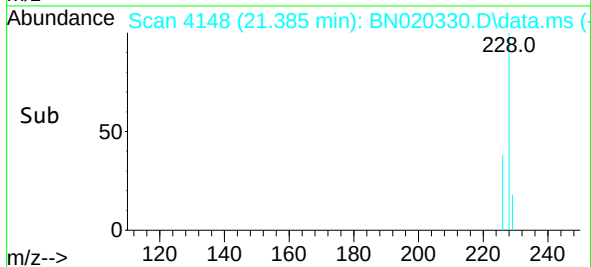
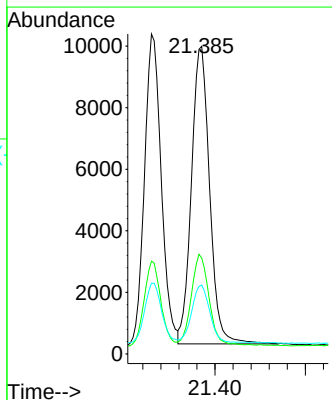
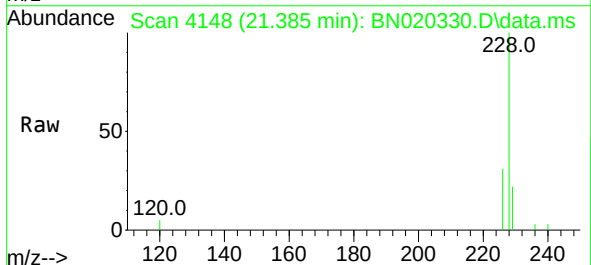
Instrument :
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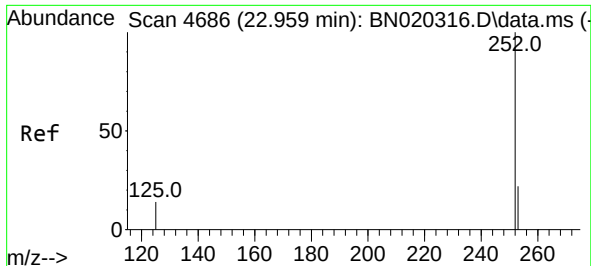
Tgt Ion:228 Resp: 13199
Ion Ratio Lower Upper
228 100
229 22.1 16.0 24.0
226 29.0 21.8 32.6



#22
Chrysene
Concen: 0.299 ng/ul
RT: 21.385 min Scan# 4148
Delta R.T. -0.003 min
Lab File: BN020330.D
Acq: 22 Jun 2022 05:16

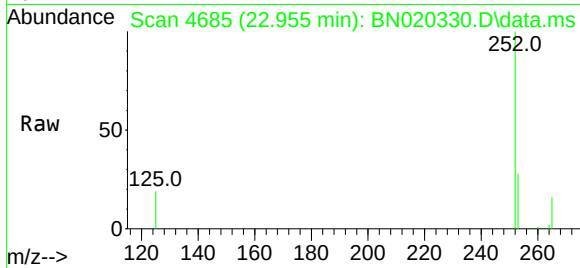
Tgt Ion:228 Resp: 13512
Ion Ratio Lower Upper
228 100
226 31.2 24.7 37.1
229 22.4 16.0 24.0



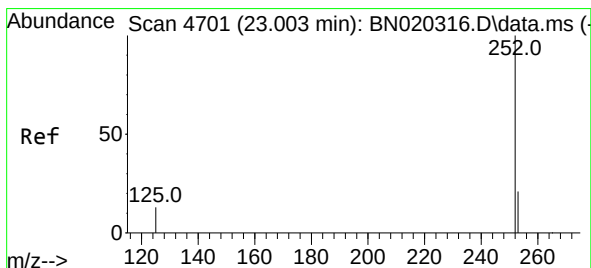
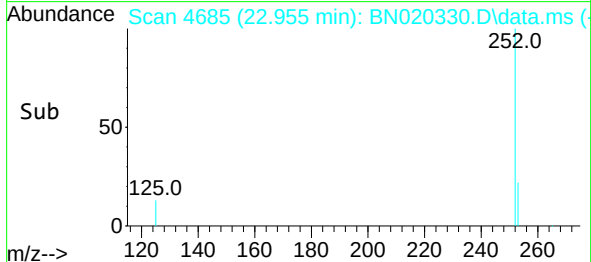
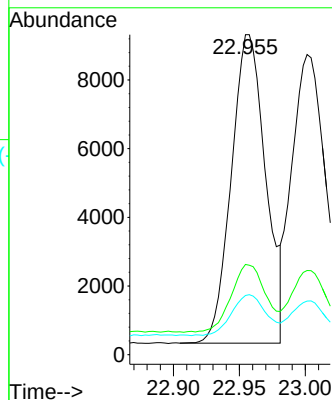


#24
Benzo(b)fluoranthene
Concen: 0.208 ng/ul
RT: 22.955 min Scan# 4685
Delta R.T. -0.012 min
Lab File: BN020330.D
Acq: 22 Jun 2022 05:16

Instrument :
BNA_N
ClientSampleId :
EW4R7MS

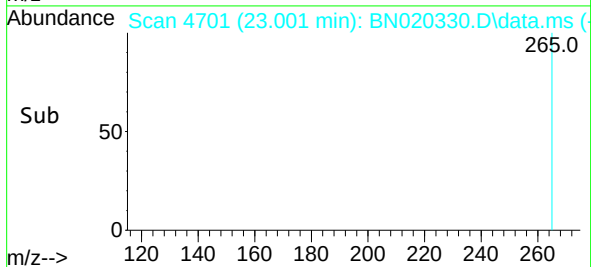
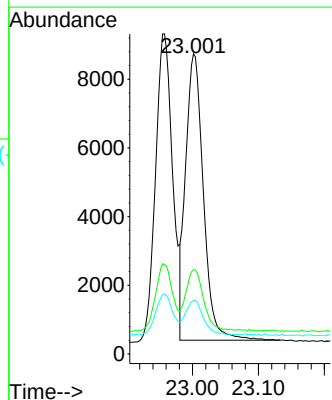
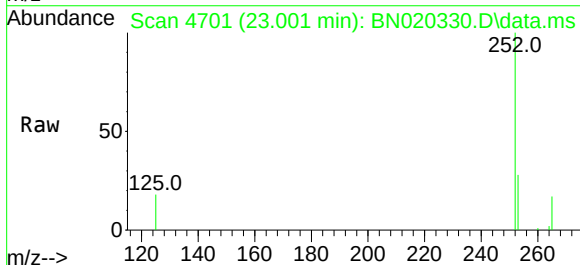


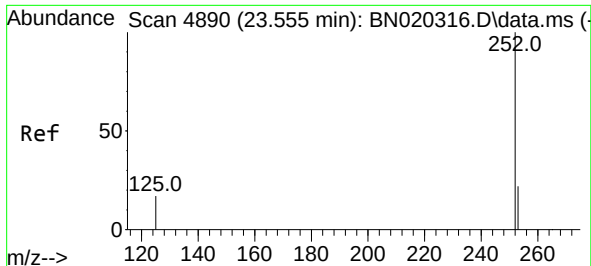
Tgt Ion:252 Resp: 16330
Ion Ratio Lower Upper
252 100
253 28.2 0.0 49.4
125 18.5 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 0.213 ng/ul
RT: 23.001 min Scan# 4701
Delta R.T. -0.009 min
Lab File: BN020330.D
Acq: 22 Jun 2022 05:16

Tgt Ion:252 Resp: 15555
Ion Ratio Lower Upper
252 100
253 28.0 20.2 30.4
125 17.9 12.3 18.5

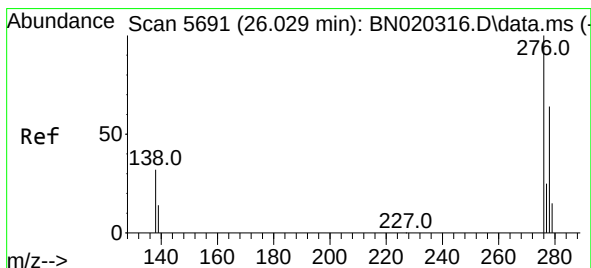
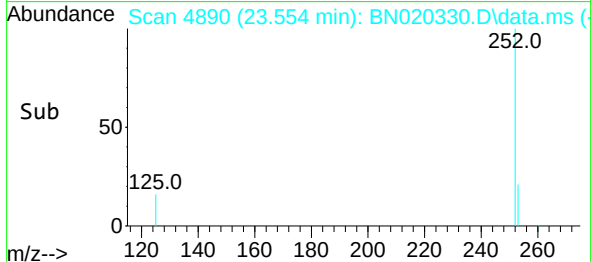
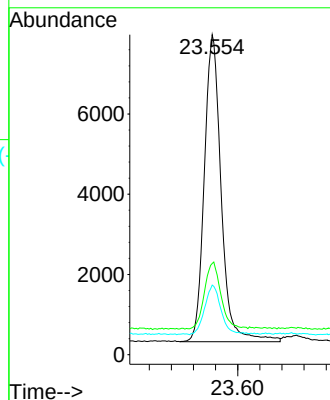
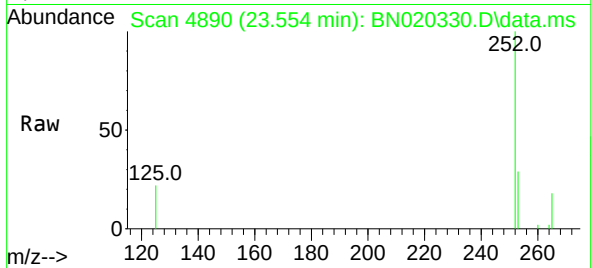




#26
Benzo(a)pyrene
Concen: 0.326 ng/ul
RT: 23.554 min Scan# 4890
Delta R.T. -0.009 min
Lab File: BN020330.D
Acq: 22 Jun 2022 05:16

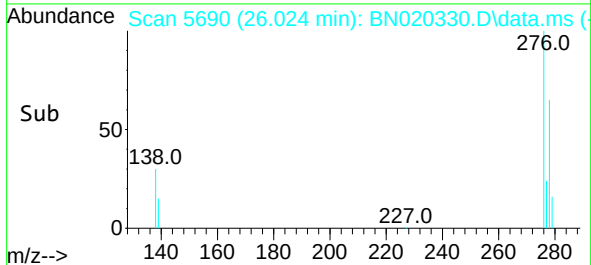
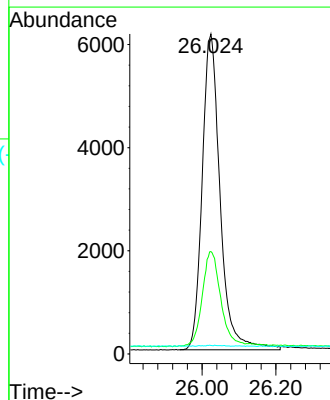
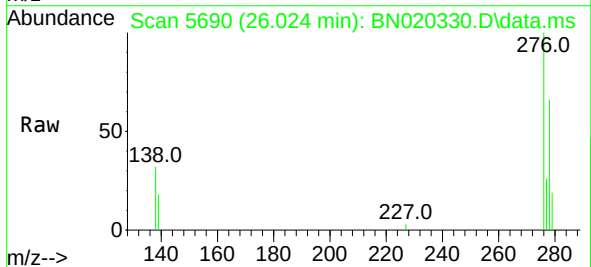
Instrument :
BNA_N
ClientSampleId :
EW4R7MS

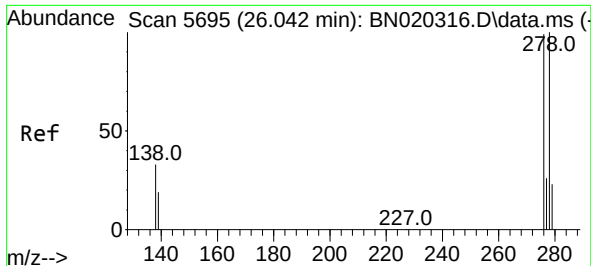
Tgt Ion:252 Resp: 16198
Ion Ratio Lower Upper
252 100
253 28.5 21.7 32.5
125 21.8 18.6 28.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.255 ng/ul
RT: 26.024 min Scan# 5690
Delta R.T. -0.017 min
Lab File: BN020330.D
Acq: 22 Jun 2022 05:16

Tgt Ion:276 Resp: 20621
Ion Ratio Lower Upper
276 100
138 31.0 26.5 39.7
227 0.1 0.0 0.0#

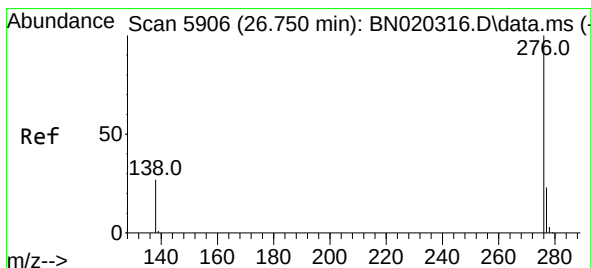
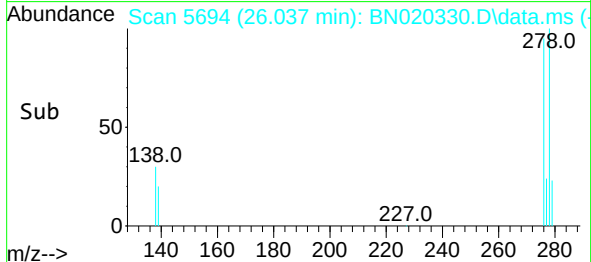
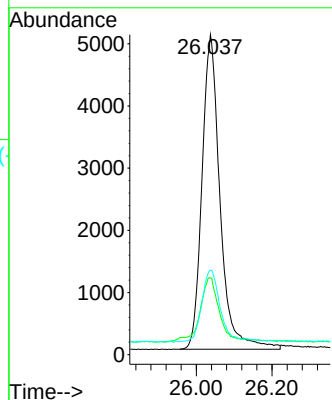
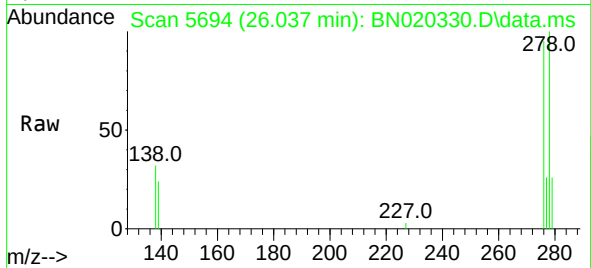




#28
 Dibenzo(a,h)anthracene
 Concen: 0.260 ng/ul
 RT: 26.037 min Scan# 5694
 Delta R.T. -0.013 min
 Lab File: BN020330.D
 Acq: 22 Jun 2022 05:16

Instrument :
 BNA_N
 ClientSampleId :
 EW4R7MS

Tgt Ion:278 Resp: 16757
 Ion Ratio Lower Upper
 278 100
 139 23.9 18.2 27.2
 279 26.4 20.8 31.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.256 ng/ul
 RT: 26.745 min Scan# 5905
 Delta R.T. -0.020 min
 Lab File: BN020330.D
 Acq: 22 Jun 2022 05:16

Tgt Ion:276 Resp: 18248
 Ion Ratio Lower Upper
 276 100
 138 29.4 23.0 34.4
 277 25.4 19.7 29.5

