

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100720\
 Data File : BN012098.D
 Acq On : 07 Oct 2020 15:47
 Operator : CG/JU
 Sample : L4184-16DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AP2DL

Quant Time: Oct 07 16:23:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 07 13:26:33 2020
 Response via : Initial Calibration

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

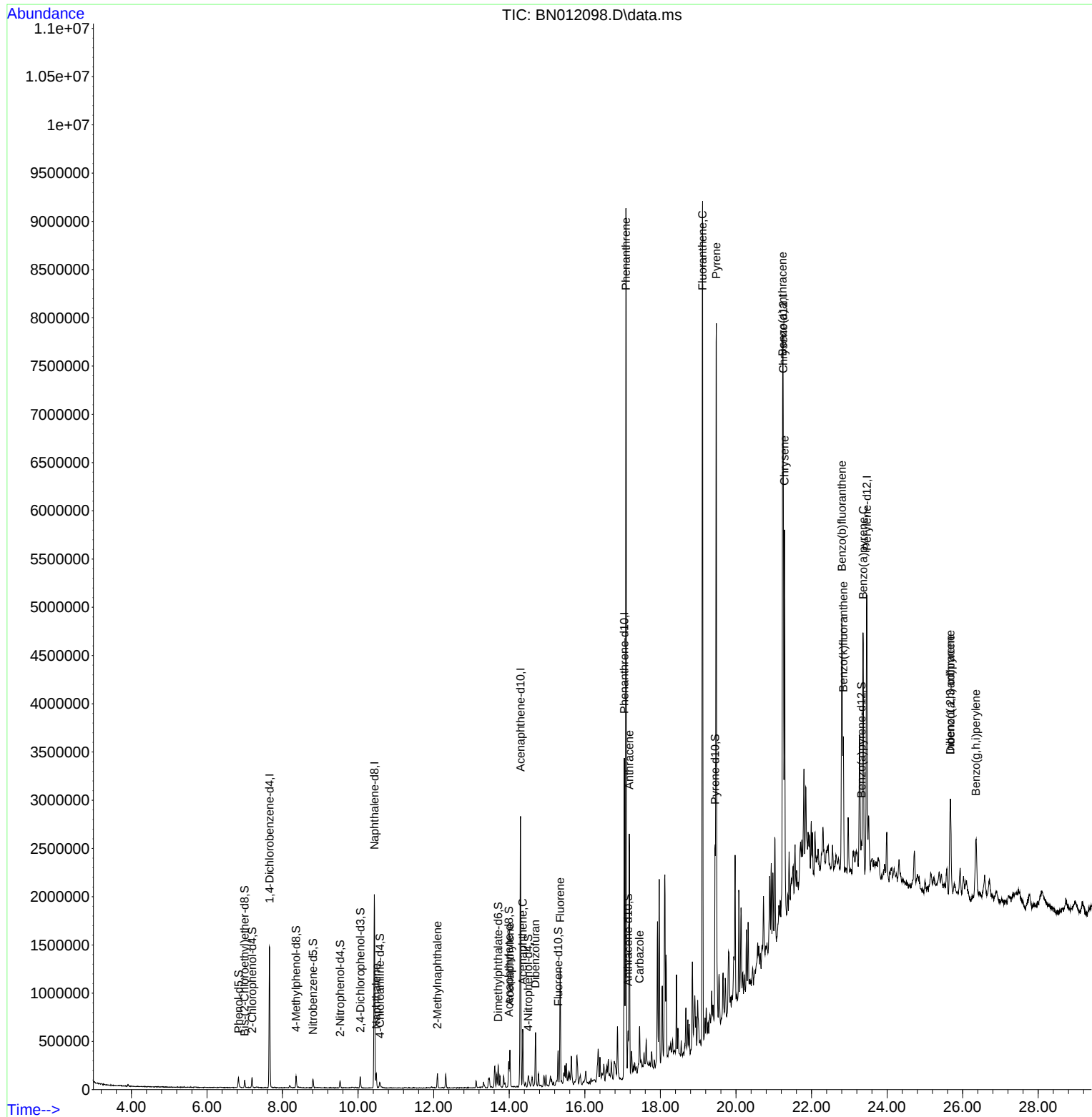
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	381558	20.00	ng/ul	0.02
18) Naphthalene-d8	10.428	136	1561552	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.298	164	914409	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.045	188	1836805	20.00	ng/ul	0.00
78) Chrysene-d12	21.251	240	1753762	20.00	ng/ul	0.00
86) Perylene-d12	23.463	264	1967151	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.00	ng/uL	
5) Phenol-d5	6.834	99	53869	1.69	ng/ul	0.02
7) Bis-(2-Chloroethyl)eth...	6.993	67	35457	1.81	ng/ul	0.01
9) 2-Chlorophenol-d4	7.193	132	43599	1.69	ng/ul	0.01
13) 4-Methylphenol-d8	8.358	113	43287	1.73	ng/ul	0.01
19) Nitrobenzene-d5	8.805	128	20835	1.68	ng/ul	0.01
22) 2-Nitrophenol-d4	9.522	143	20946	1.56	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.057	165	41507	1.61	ng/ul	0.01
29) 4-Chloroaniline-d4	10.575	131	31789	1.05	ng/ul	0.02
44) Dimethylphthalate-d6	13.710	166	142254	1.98	ng/ul	0.00
47) Acenaphthylene-d8	13.987	160	162677	1.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.504	143	13637	1.03	ng/ul	0.01
58) Fluorene-d10	15.292	176	118137	1.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.145	188	181456	2.04	ng/ul	0.00
79) Pyrene-d10	19.445	212	186508	2.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.321	264	201962	1.83	ng/ul	0.00
Target Compounds						
					Qvalue	
28) Naphthalene	10.481	128	106591	1.19	ng/ul	97
34) 2-Methylnaphthalene	12.099	142	71619	1.17	ng/ul	83
48) Acenaphthylene	14.016	152	221349	2.46	ng/ul	100
50) Acenaphthene	14.357	153	236805	3.66	ng/ul	99
54) Dibenzofuran	14.693	168	281551	3.19	ng/ul	100
59) Fluorene	15.345	166	489684	6.62	ng/ul	99
70) Phenanthrene	17.087	178	5083589	45.43	ng/ul	99
72) Anthracene	17.175	178	1470488	13.01	ng/ul	96
75) Carbazole	17.445	167	255199	2.60	ng/ul	97
77) Fluoranthene	19.116	202	4828477	38.42	ng/ul	99
80) Pyrene	19.480	202	4270152	33.76	ng/ul	98
83) Benzo(a)anthracene	21.233	228	2234882	18.92	ng/ul	95
85) Chrysene	21.286	228	2011810	17.32	ng/ul	95
88) Benzo(b)fluoranthene	22.804	252	1924401	13.96	ng/ul	99
89) Benzo(k)fluoranthene	22.839	252	785445	5.79	ng/ul	95
91) Benzo(a)pyrene	23.369	252	1546537	12.37	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	25.674	276	877826	5.50	ng/ul	97
93) Dibenzo(a,h)anthracene	25.674	278	291664	2.22	ng/ul#	75
94) Benzo(g,h,i)perylene	26.351	276	726556	5.34	ng/ul	96

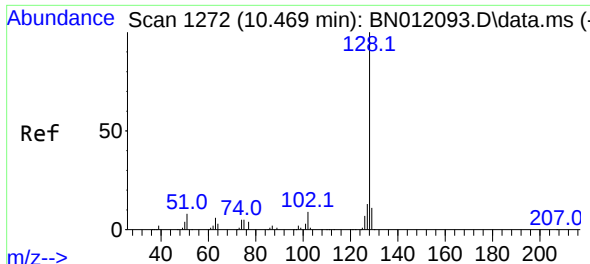
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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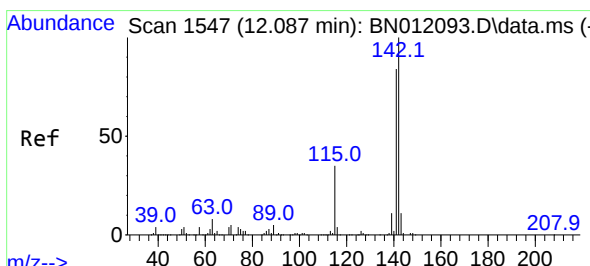
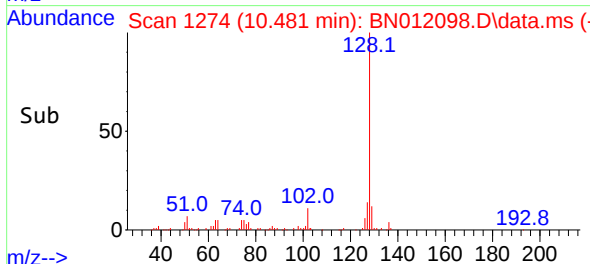
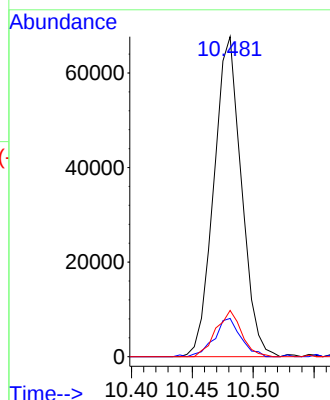
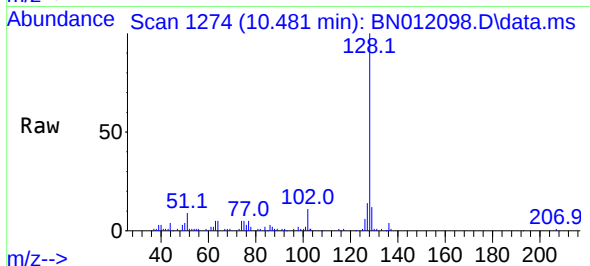




#28
Naphthalene
Concen: 1.19 ng/ul
RT: 10.481 min Scan# 1274
Delta R.T. 0.012 min
Lab File: BN012098.D
Acq: 07 Oct 2020 15:47

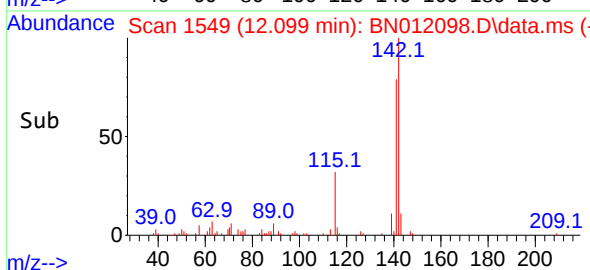
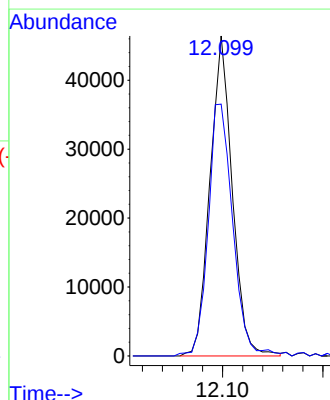
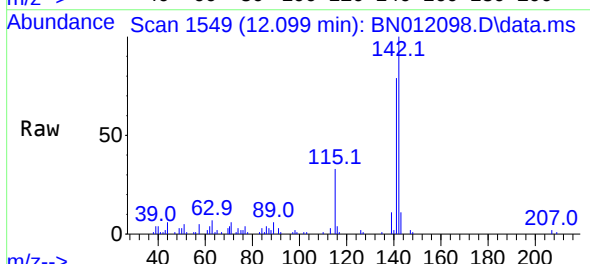
Instrument :
BNA_N
ClientSampleId :
C0AP2DL

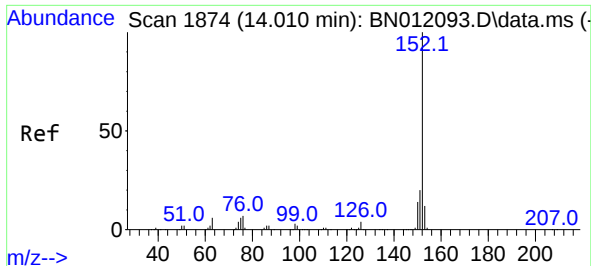
Tgt Ion:128 Resp: 106591
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 14.4 10.7 16.1



#34
2-Methylnaphthalene
Concen: 1.17 ng/ul
RT: 12.099 min Scan# 1549
Delta R.T. 0.012 min
Lab File: BN012098.D
Acq: 07 Oct 2020 15:47

Tgt Ion:142 Resp: 71619
Ion Ratio Lower Upper
142 100
141 78.7 75.9 113.9

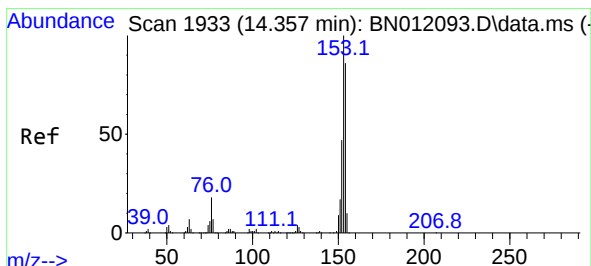
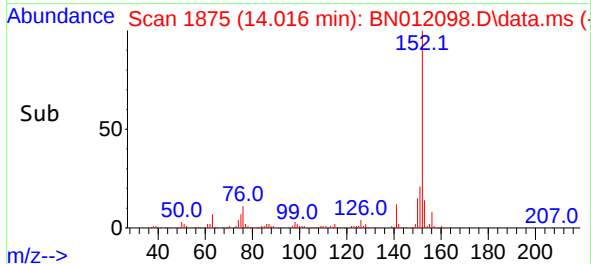
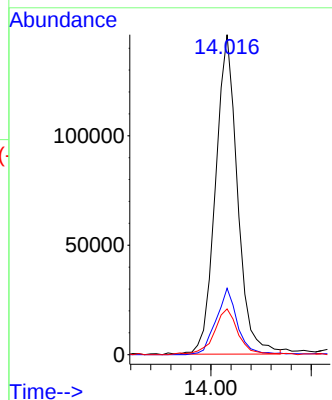
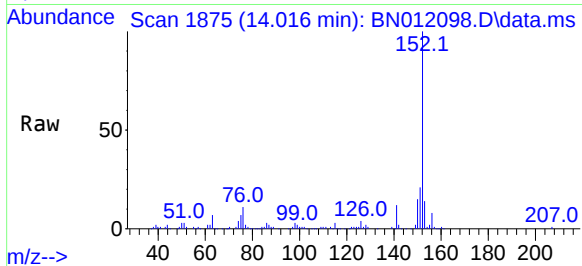




#48
Acenaphthylene
Concen: 2.46 ng/ul
RT: 14.016 min Scan# 1875
Delta R.T. 0.006 min
Lab File: BN012098.D
Acq: 07 Oct 2020 15:47

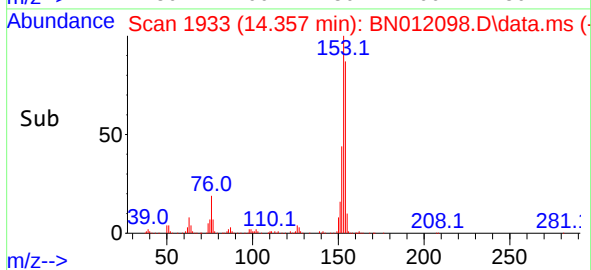
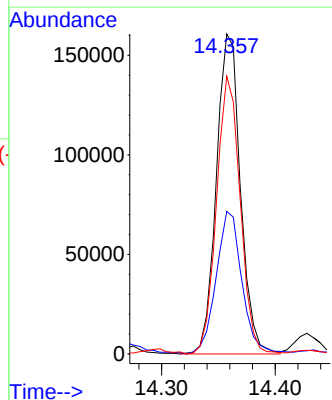
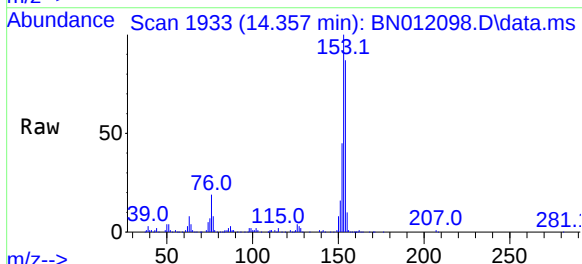
Instrument :
BNA_N
ClientSampleId :
C0AP2DL

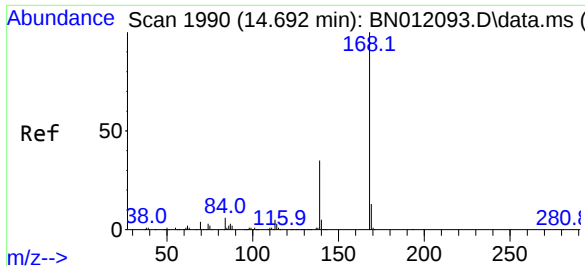
Tgt Ion:152 Resp: 221349
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 14.3 11.4 17.2



#50
Acenaphthene
Concen: 3.66 ng/ul
RT: 14.357 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BN012098.D
Acq: 07 Oct 2020 15:47

Tgt Ion:153 Resp: 236805
Ion Ratio Lower Upper
153 100
152 44.5 35.9 53.9
154 86.8 70.2 105.2

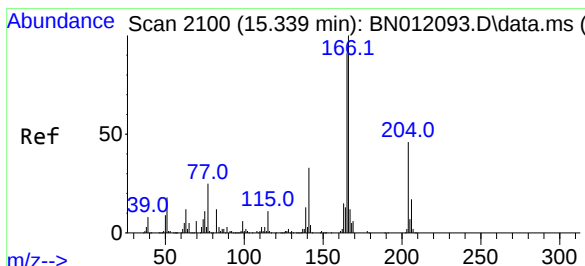
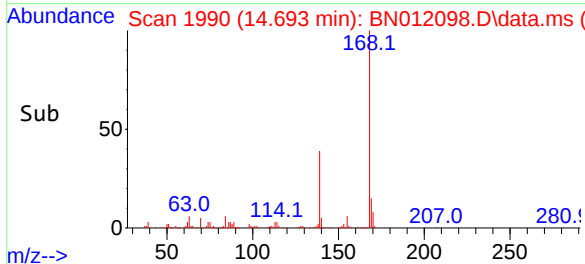
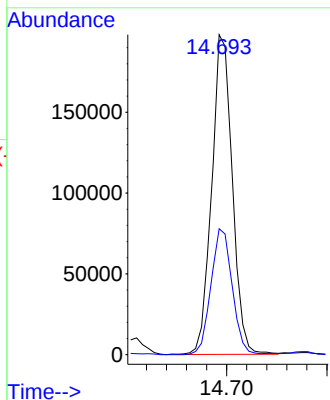
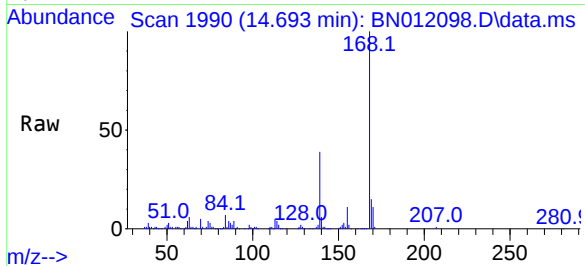




#54
Dibenzenofuran
Concen: 3.19 ng/ul
RT: 14.693 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BN012098.D
Acq: 07 Oct 2020 15:47

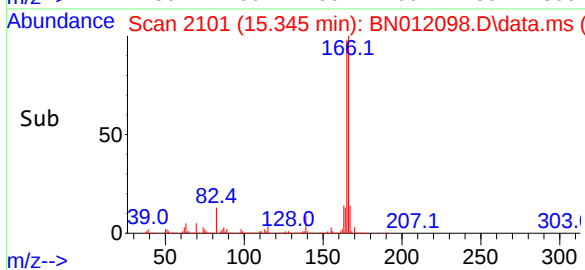
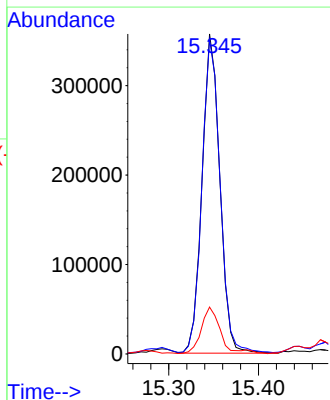
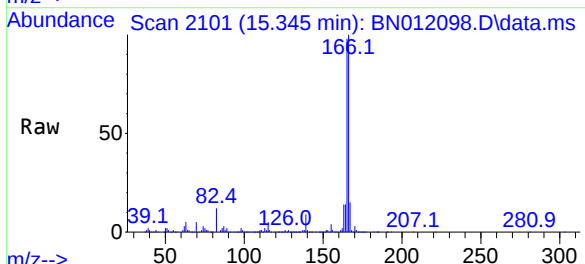
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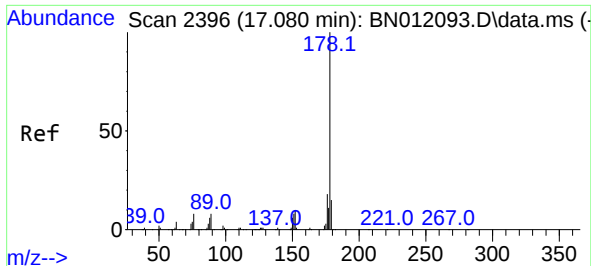
Tgt Ion:168 Resp: 281551
Ion Ratio Lower Upper
168 100
139 39.4 31.5 47.3



#59
Fluorene
Concen: 6.62 ng/ul
RT: 15.345 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BN012098.D
Acq: 07 Oct 2020 15:47

Tgt Ion:166 Resp: 489684
Ion Ratio Lower Upper
166 100
165 98.2 79.0 118.6
167 14.7 10.5 15.7

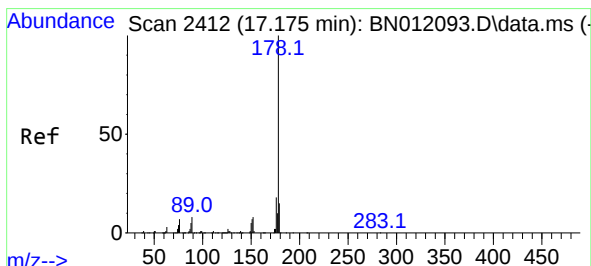
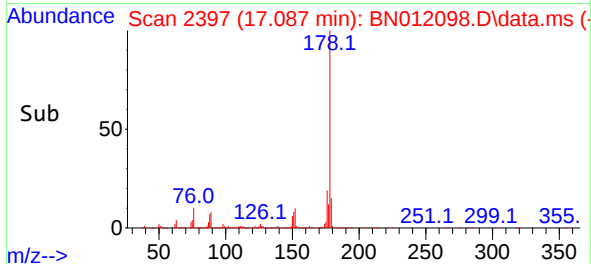
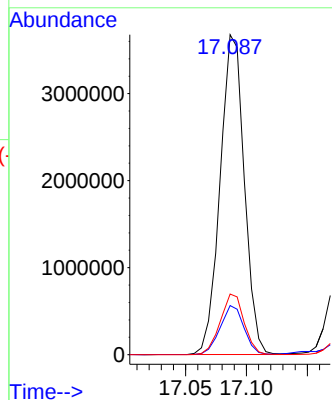
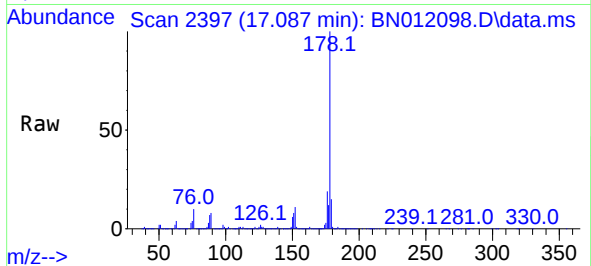




#70
Phenanthrene
Concen: 45.43 ng/u1
RT: 17.087 min Scan# 2397
Delta R.T. 0.006 min
Lab File: BN012098.D
Acq: 07 Oct 2020 15:47

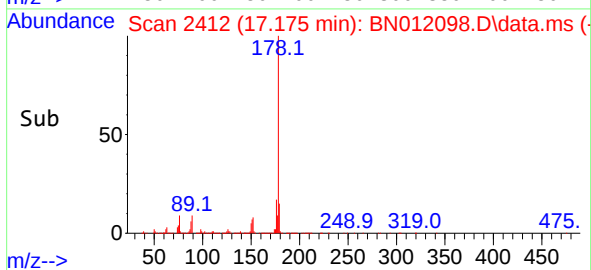
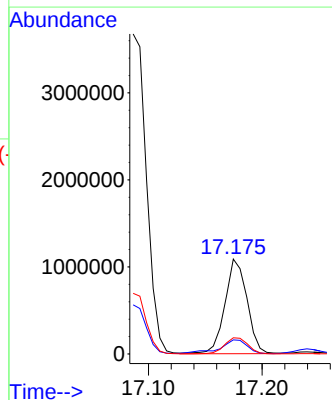
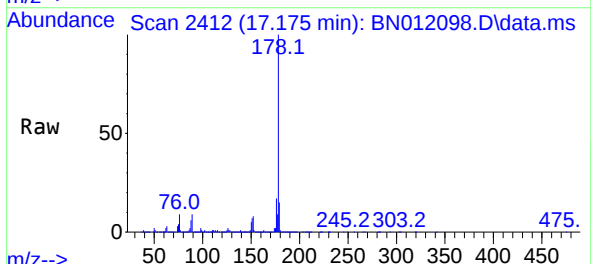
Instrument :
BNA_N
ClientSampled :
C0AP2DL

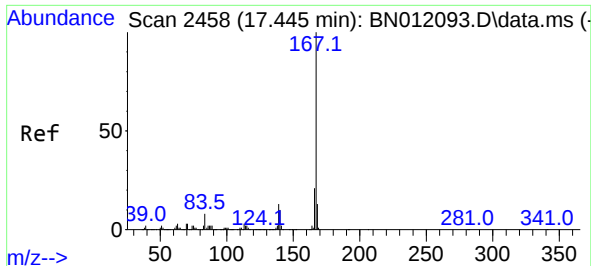
Tgt Ion:178 Resp: 5083589
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 19.0 15.4 23.2



#72
Anthracene
Concen: 13.01 ng/u1
RT: 17.175 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BN012098.D
Acq: 07 Oct 2020 15:47

Tgt Ion:178 Resp: 1470488
Ion Ratio Lower Upper
178 100
179 14.8 12.8 19.2
176 17.0 15.0 22.6

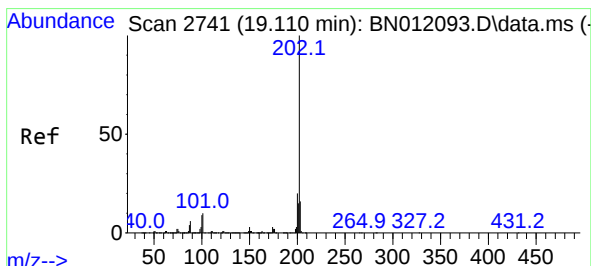
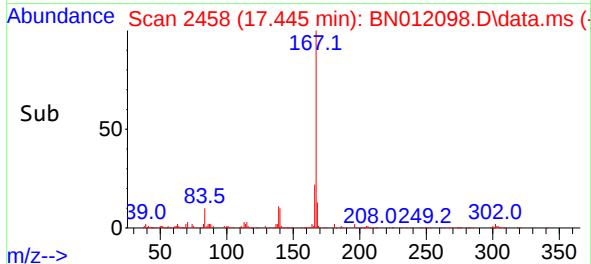
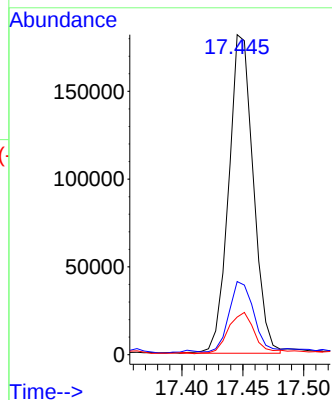
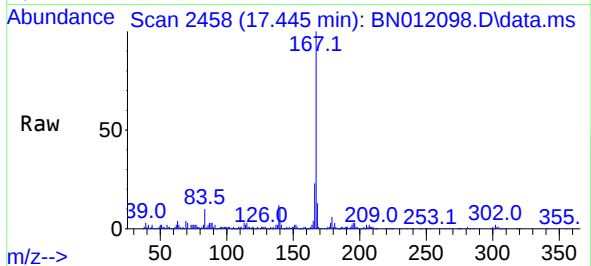




#75
 Carbazole
 Concen: 2.60 ng/ul
 RT: 17.445 min Scan# 2458
 Delta R.T. 0.000 min
 Lab File: BN012098.D
 Acq: 07 Oct 2020 15:47

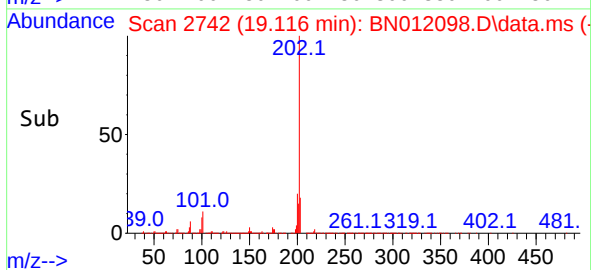
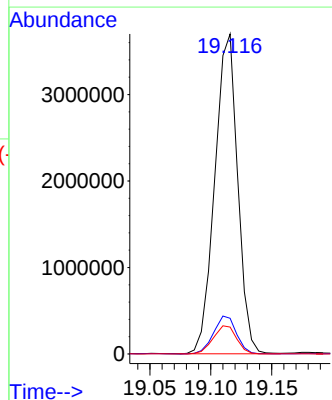
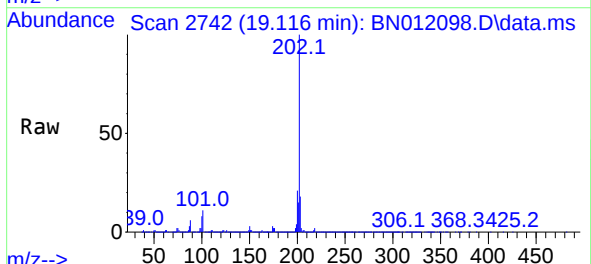
Instrument :
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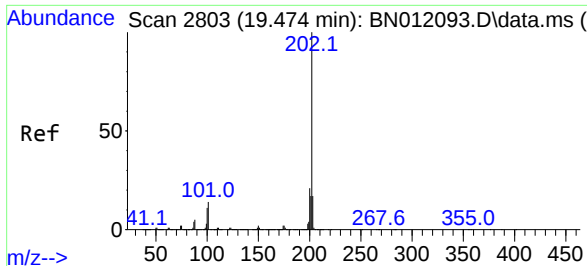
Tgt Ion:167 Resp: 255199
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.4 26.0
 139 11.7 10.9 16.3



#77
 Fluoranthene
 Concen: 38.42 ng/ul
 RT: 19.116 min Scan# 2742
 Delta R.T. 0.006 min
 Lab File: BN012098.D
 Acq: 07 Oct 2020 15:47

Tgt Ion:202 Resp: 4828477
 Ion Ratio Lower Upper
 202 100
 101 11.1 8.6 13.0
 100 8.4 6.6 9.8

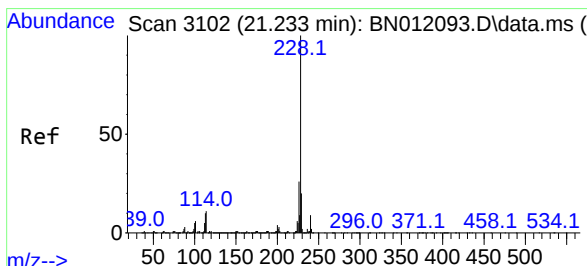
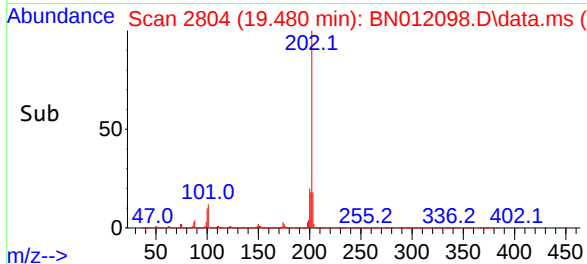
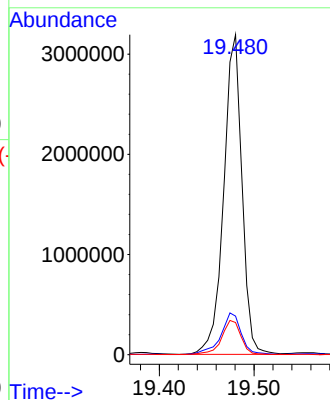
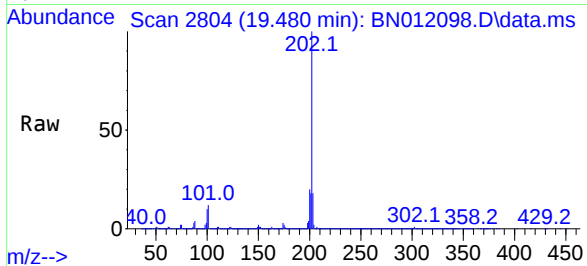




#80
Pyrene
Concen: 33.76 ng/ul
RT: 19.480 min Scan# 2804
Delta R.T. 0.006 min
Lab File: BN012098.D
Acq: 07 Oct 2020 15:47

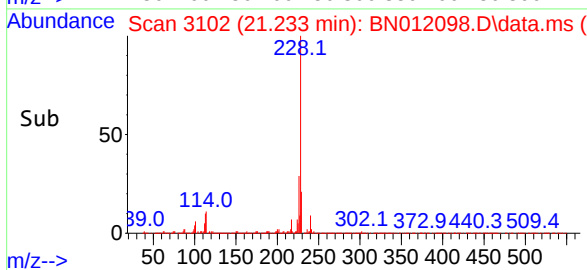
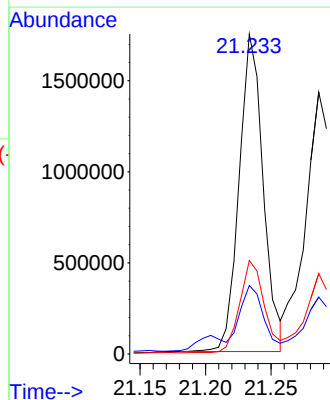
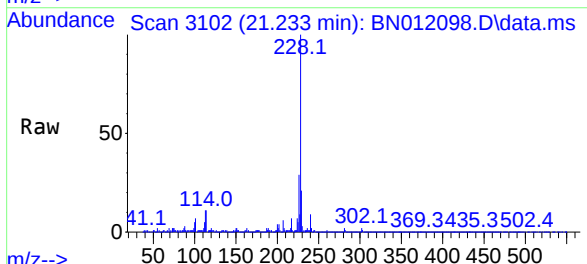
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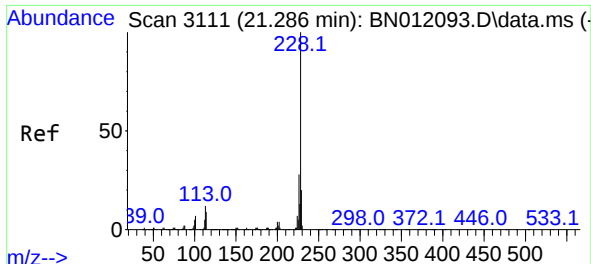
Tgt Ion:202 Resp: 4270152
Ion Ratio Lower Upper
202 100
101 12.0 10.2 15.2
100 10.0 8.8 13.2



#83
Benzo(a)anthracene
Concen: 18.92 ng/ul
RT: 21.233 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BN012098.D
Acq: 07 Oct 2020 15:47

Tgt Ion:228 Resp: 2234882
Ion Ratio Lower Upper
228 100
229 21.4 15.4 23.2
226 29.2 21.2 31.8

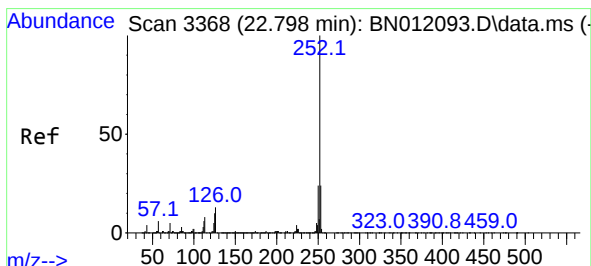
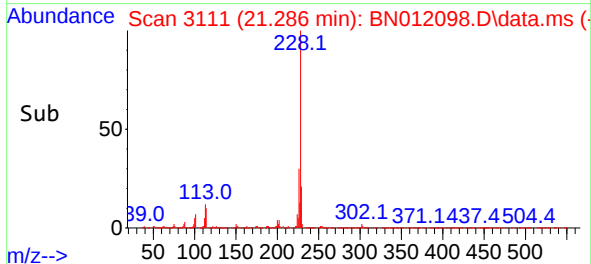
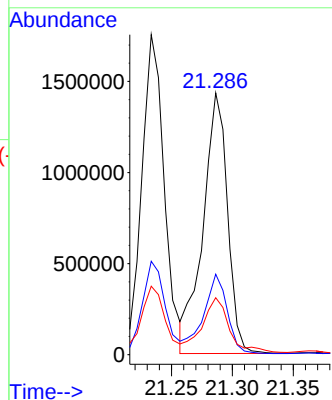
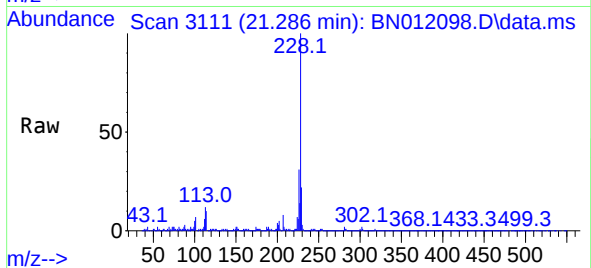




#85
Chrysene
Concen: 17.32 ng/u1
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN012098.D
Acq: 07 Oct 2020 15:47

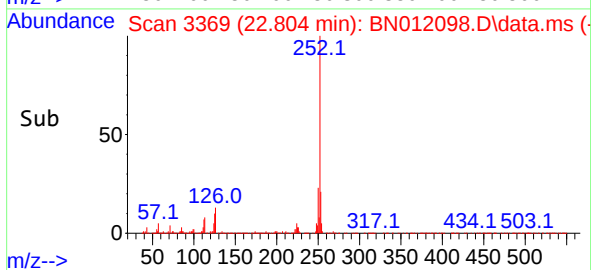
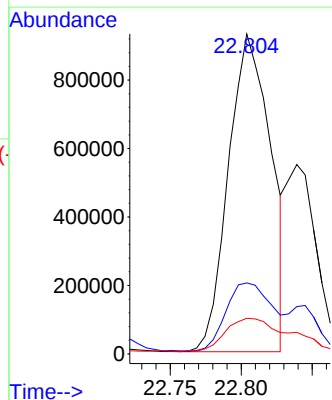
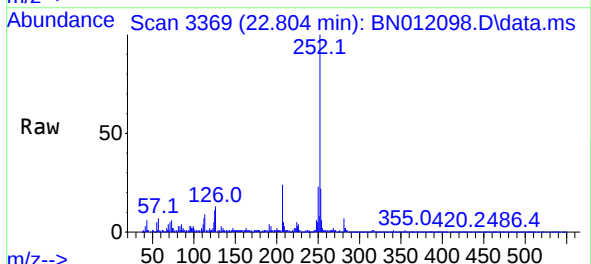
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BNA_N
ClientSampled :
C0AP2DL

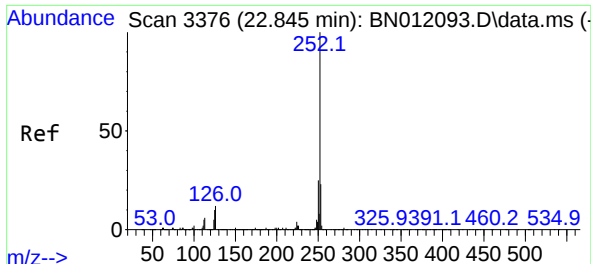
Tgt Ion:228 Resp: 2011810
Ion Ratio Lower Upper
228 100
226 30.7 23.3 34.9
229 21.8 15.0 22.4



#88
Benzo(b)fluoranthene
Concen: 13.96 ng/u1
RT: 22.804 min Scan# 3369
Delta R.T. 0.006 min
Lab File: BN012098.D
Acq: 07 Oct 2020 15:47

Tgt Ion:252 Resp: 1924401
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 11.2 8.1 12.1

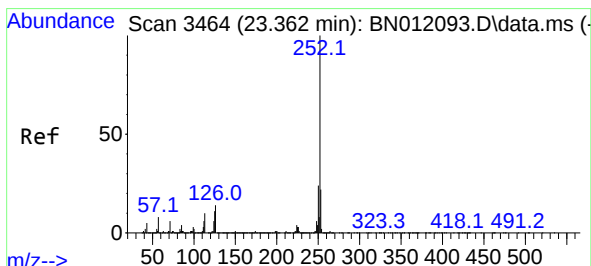
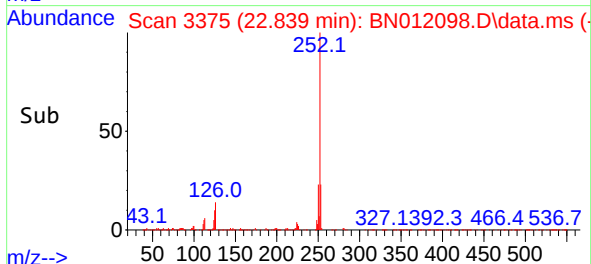
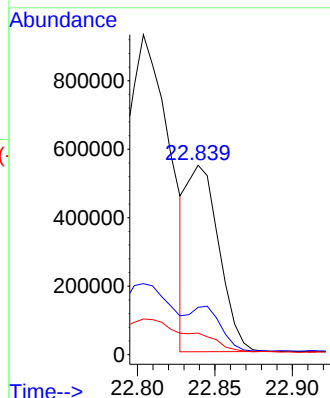
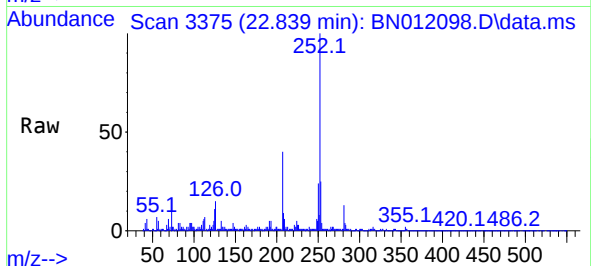




#89
Benzo(k)fluoranthene
Concen: 5.79 ng/ul
RT: 22.839 min Scan# 3375
Delta R.T. -0.006 min
Lab File: BN012098.D
Acq: 07 Oct 2020 15:47

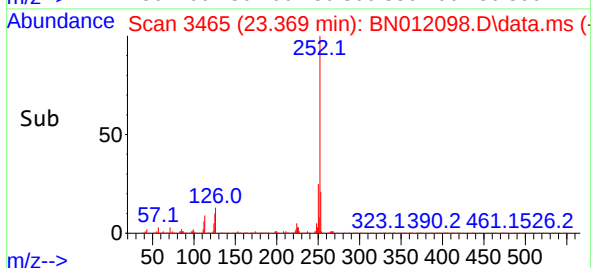
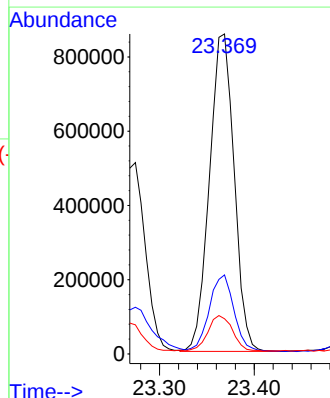
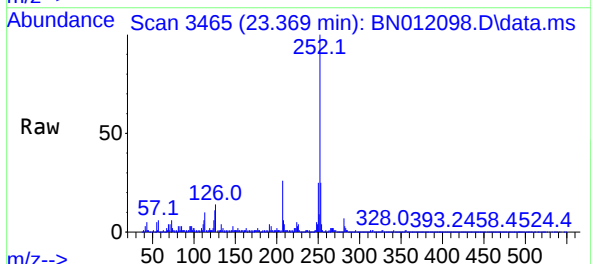
Instrument :
BNA_N
ClientSampleId :
C0AP2DL

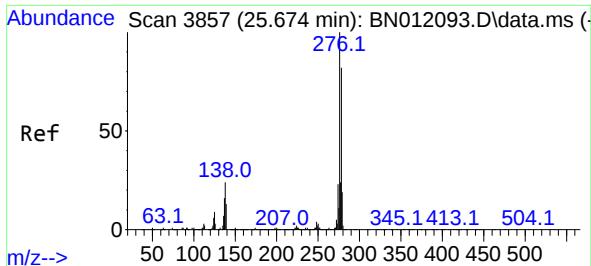
Tgt Ion:252 Resp: 785445
Ion Ratio Lower Upper
252 100
253 25.0 18.1 27.1
125 11.4 7.7 11.5



#91
Benzo(a)pyrene
Concen: 12.37 ng/ul
RT: 23.369 min Scan# 3465
Delta R.T. 0.006 min
Lab File: BN012098.D
Acq: 07 Oct 2020 15:47

Tgt Ion:252 Resp: 1546537
Ion Ratio Lower Upper
252 100
253 24.7 16.6 24.8
125 11.0 9.0 13.6

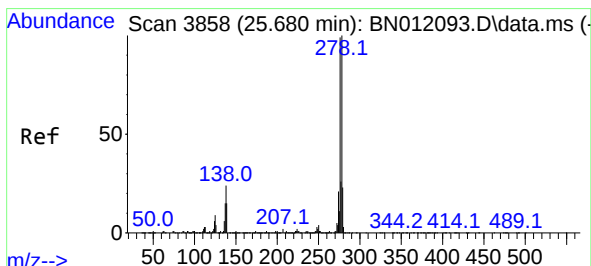
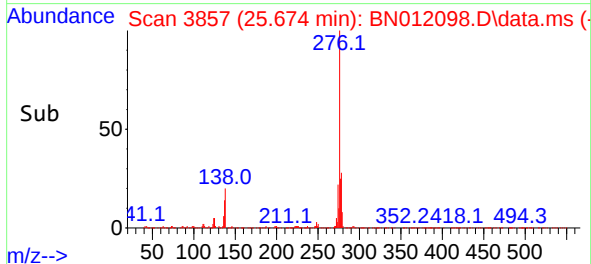
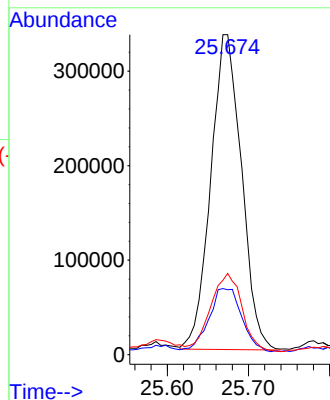
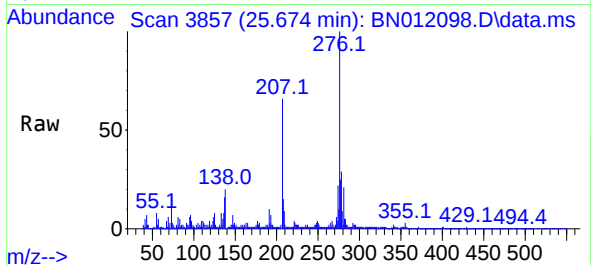




#92
Indeno(1,2,3-cd)pyrene
Concen: 5.50 ng/ul
RT: 25.674 min Scan# 3857
Delta R.T. 0.000 min
Lab File: BN012098.D
Acq: 07 Oct 2020 15:47

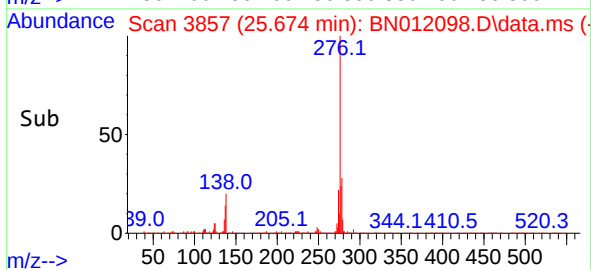
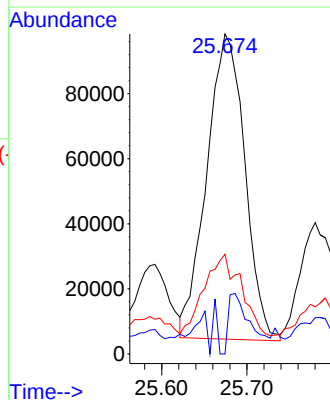
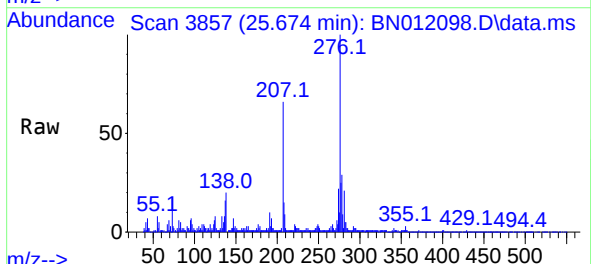
Instrument :
BNA_N
ClientSampled :
C0AP2DL

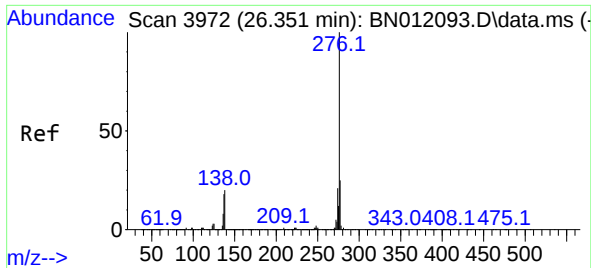
Tgt Ion:	276	Resp:	877826
Ion Ratio	Lower	Upper	
276	100		
138	20.3	17.4	26.2
277	25.4	19.0	28.4



#93
Dibenzo(a,h)anthracene
Concen: 2.22 ng/ul
RT: 25.674 min Scan# 3857
Delta R.T. -0.006 min
Lab File: BN012098.D
Acq: 07 Oct 2020 15:47

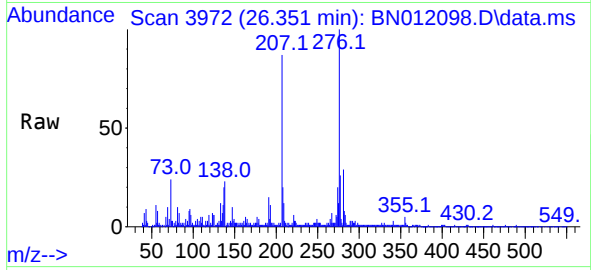
Tgt Ion:	278	Resp:	291664
Ion Ratio	Lower	Upper	
278	100		
139	0.0	12.2	18.2#
279	31.1	18.2	27.4#





#94
Benzo(g,h,i)perylene
Concen: 5.34 ng/ul
RT: 26.351 min Scan# 3972
Delta R.T. 0.000 min
Lab File: BN012098.D
Acq: 07 Oct 2020 15:47

Instrument :
BNA_N
ClientSampleId :
C0AP2DL



Tgt Ion:	276	Resp:	726556
Ion	Ratio	Lower	Upper
276	100		
138	22.6	16.7	25.1
277	25.8	19.0	28.6

