

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100720\
 Data File : BN012099.D
 Acq On : 07 Oct 2020 16:23
 Operator : CG/JU
 Sample : L4184-18DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS2DL

Quant Time: Oct 07 17:01:25 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

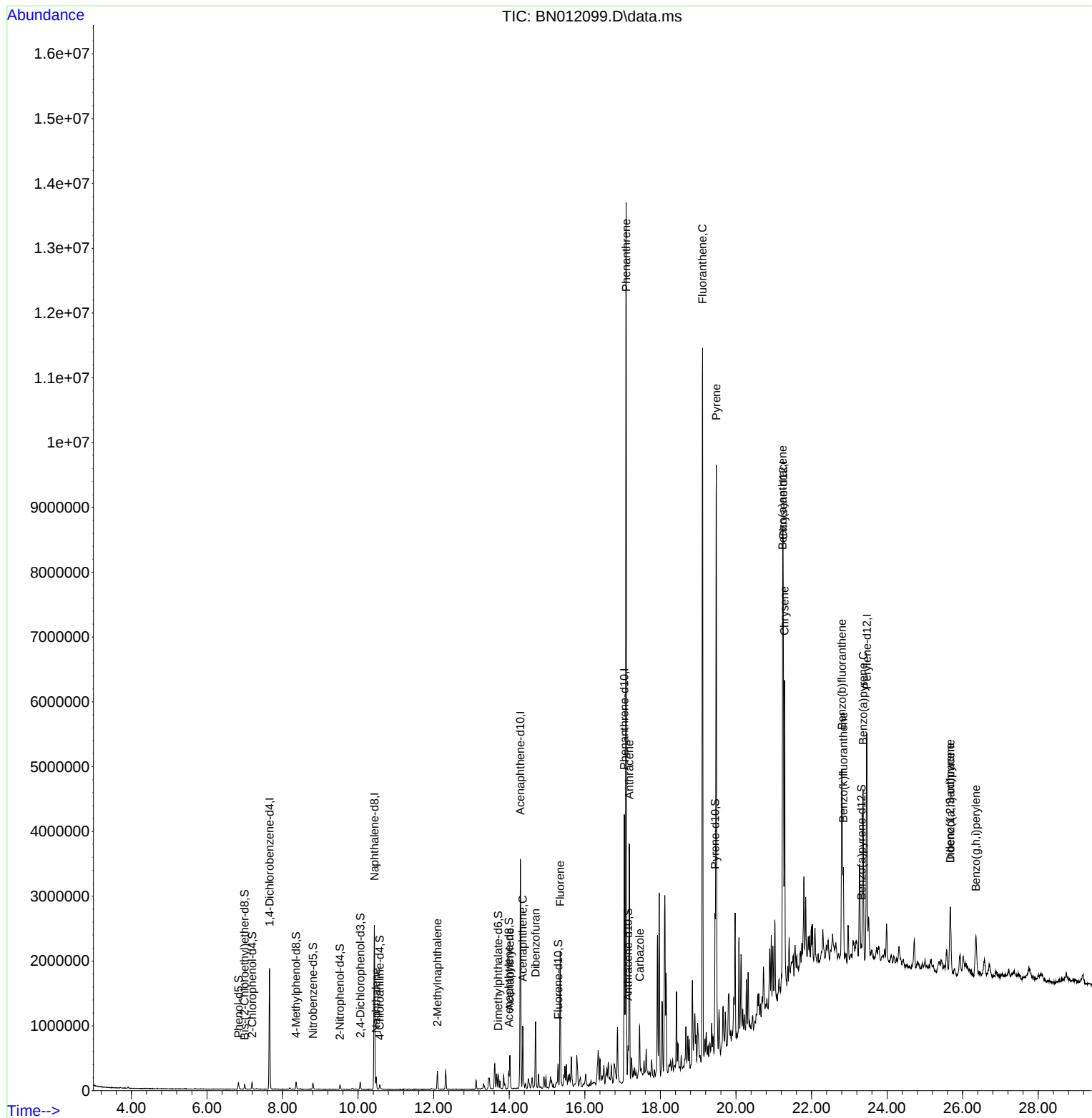
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	484660	20.00	ng/ul	0.02
18) Naphthalene-d8	10.428	136	1972845	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.293	164	1146808	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.045	188	2302769	20.00	ng/ul	0.00
78) Chrysene-d12	21.251	240	2135724	20.00	ng/ul	0.00
86) Perylene-d12	23.463	264	2404379	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	52564	1.30	ng/ul	0.02
7) Bis-(2-Chloroethyl)eth...	6.993	67	36277	1.46	ng/ul	0.01
9) 2-Chlorophenol-d4	7.193	132	43179	1.32	ng/ul	0.01
13) 4-Methylphenol-d8	8.358	113	41500	1.30	ng/ul	0.01
19) Nitrobenzene-d5	8.805	128	21620	1.38	ng/ul	0.01
22) 2-Nitrophenol-d4	9.516	143	21070	1.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.057	165	41807	1.29	ng/ul	0.01
29) 4-Chloroaniline-d4	10.569	131	38830	1.01	ng/ul	0.01
44) Dimethylphthalate-d6	13.710	166	139756	1.55	ng/ul	0.00
47) Acenaphthylene-d8	13.987	160	155092	1.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.504	143	14807	0.89	ng/ul	0.01
58) Fluorene-d10	15.293	176	113867	1.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.422	200	2123	0.14	ng/ul	0.01
71) Anthracene-d10	17.145	188	179754	1.61	ng/ul	0.00
79) Pyrene-d10	19.445	212	176296	1.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.322	264	180320	1.34	ng/ul	0.00
Target Compounds						
					Qvalue	
28) Naphthalene	10.475	128	132264	1.17	ng/ul	97
34) 2-Methylnaphthalene	12.099	142	126245	1.63	ng/ul	98
48) Acenaphthylene	14.016	152	275523	2.44	ng/ul	97
50) Acenaphthene	14.357	153	373264	4.60	ng/ul	98
54) Dibenzofuran	14.698	168	527126	4.76	ng/ul	98
59) Fluorene	15.345	166	871466	9.40	ng/ul	99
70) Phenanthrene	17.092	178	7816131	55.71	ng/ul	99
72) Anthracene	17.175	178	2138509	15.10	ng/ul	98
75) Carbazole	17.451	167	451960	3.67	ng/ul	99
77) Fluoranthene	19.116	202	6101328	38.72	ng/ul	99
80) Pyrene	19.481	202	5410915	35.12	ng/ul	99
83) Benzo(a)anthracene	21.233	228	2681119	18.63	ng/ul	94
85) Chrysene	21.286	228	2376498	16.80	ng/ul	97
88) Benzo(b)fluoranthene	22.804	252	2258882	13.41	ng/ul	99
89) Benzo(k)fluoranthene	22.839	252	619531	3.73	ng/ul	95
91) Benzo(a)pyrene	23.363	252	1671127	10.94	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.668	276	881137	4.52	ng/ul	97
93) Dibenzo(a,h)anthracene	25.674	278	295327	1.84	ng/ul#	88
94) Benzo(g,h,i)perylene	26.351	276	686248	4.13	ng/ul	99

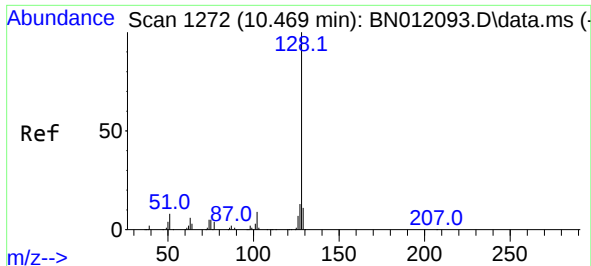
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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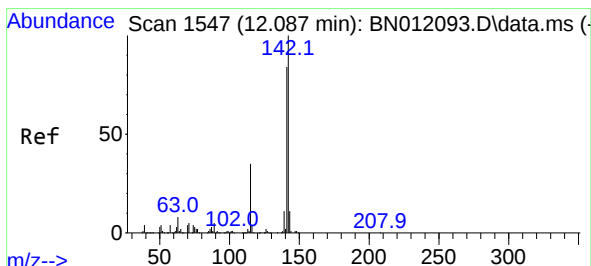
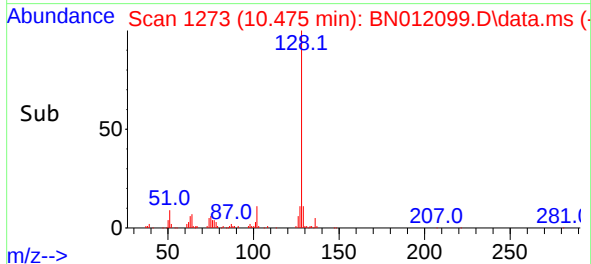
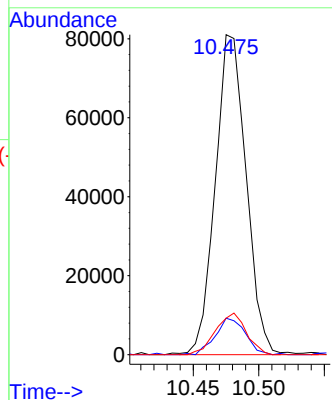
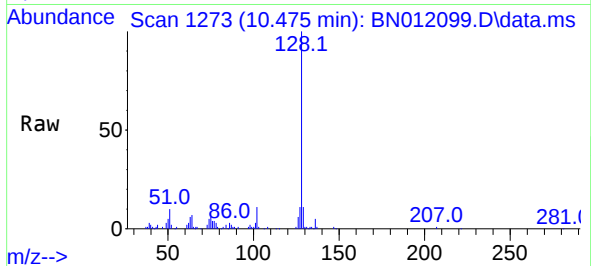




#28
Naphthalene
Concen: 1.17 ng/ul
RT: 10.475 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BN012099.D
Acq: 07 Oct 2020 16:23

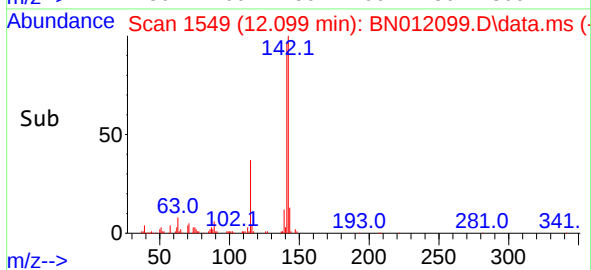
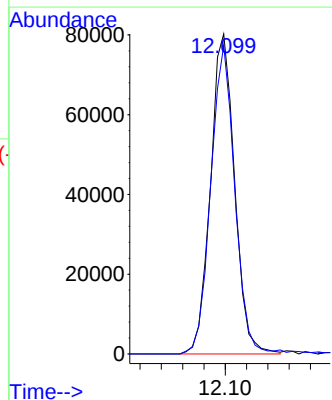
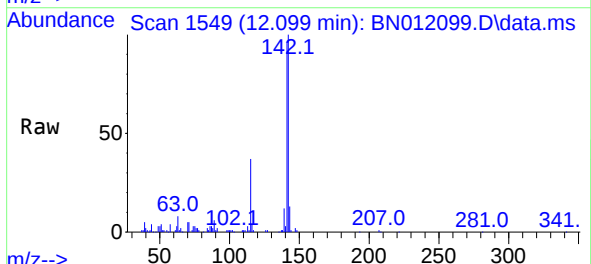
Instrument :
BNA_N
ClientSampleId :
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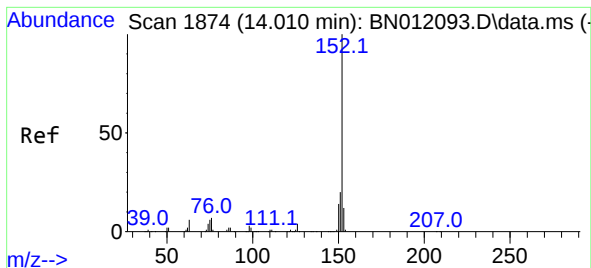
Tgt Ion:128 Resp: 132264
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 11.4 10.7 16.1



#34
2-Methylnaphthalene
Concen: 1.63 ng/ul
RT: 12.099 min Scan# 1549
Delta R.T. 0.012 min
Lab File: BN012099.D
Acq: 07 Oct 2020 16:23

Tgt Ion:142 Resp: 126245
Ion Ratio Lower Upper
142 100
141 96.5 75.9 113.9

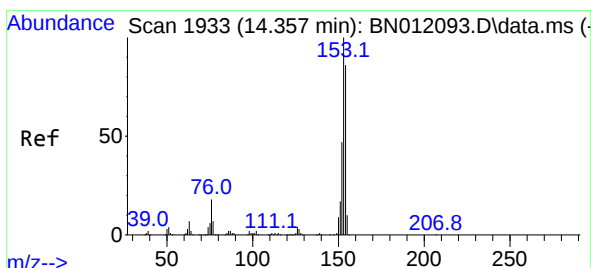
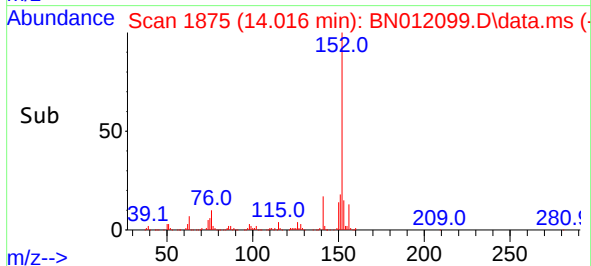
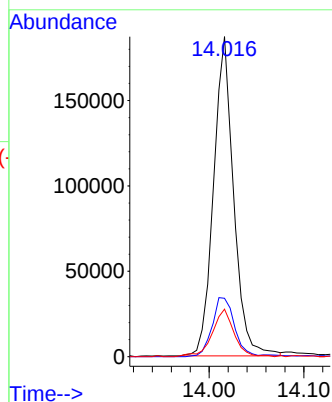
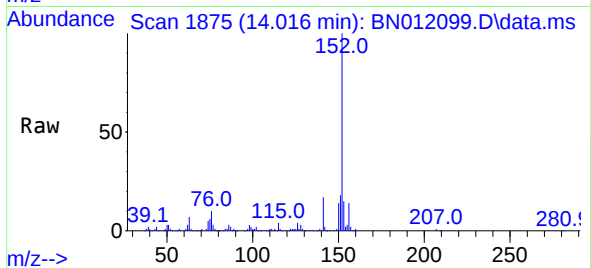




#48
Acenaphthylene
Concen: 2.44 ng/ul
RT: 14.016 min Scan# 1875
Delta R.T. 0.006 min
Lab File: BN012099.D
Acq: 07 Oct 2020 16:23

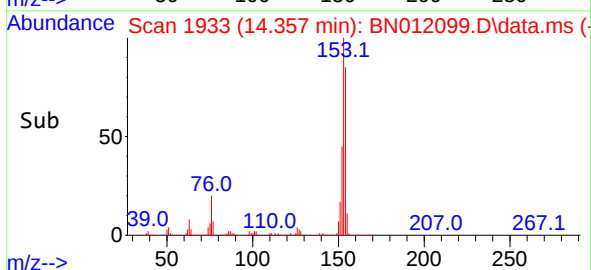
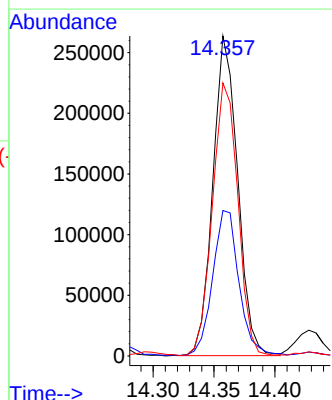
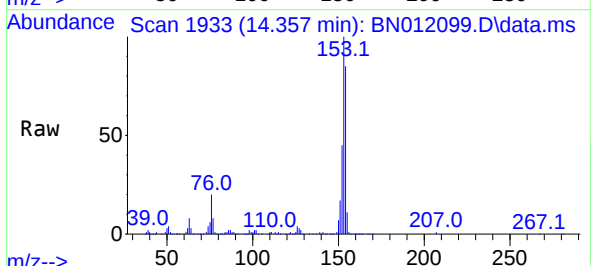
Instrument :
BNA_N
ClientSampled :
C0AS2DL

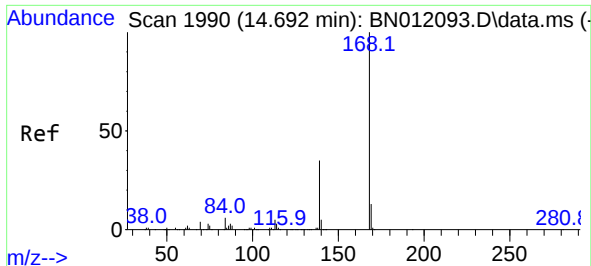
Tgt Ion:152 Resp: 275523
Ion Ratio Lower Upper
152 100
151 18.2 16.3 24.5
153 14.8 11.4 17.2



#50
Acenaphthene
Concen: 4.60 ng/ul
RT: 14.357 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BN012099.D
Acq: 07 Oct 2020 16:23

Tgt Ion:153 Resp: 373264
Ion Ratio Lower Upper
153 100
152 45.5 35.9 53.9
154 85.3 70.2 105.2

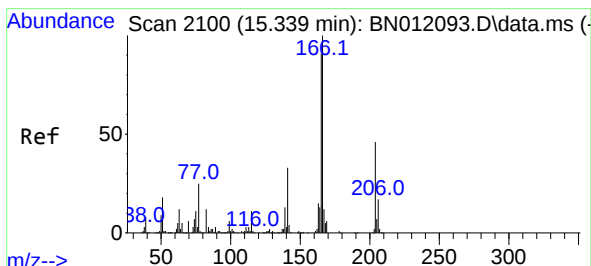
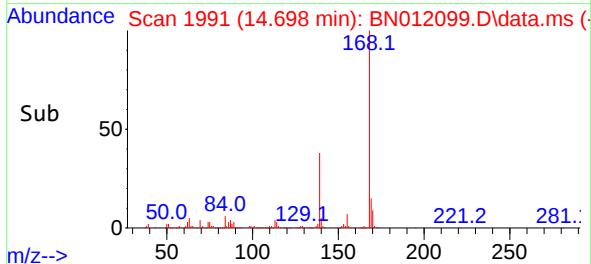
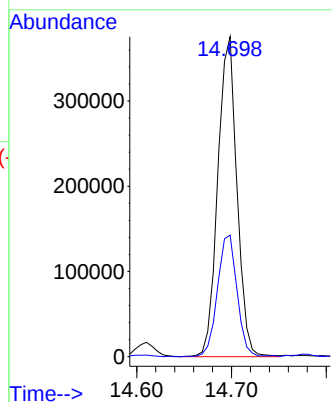
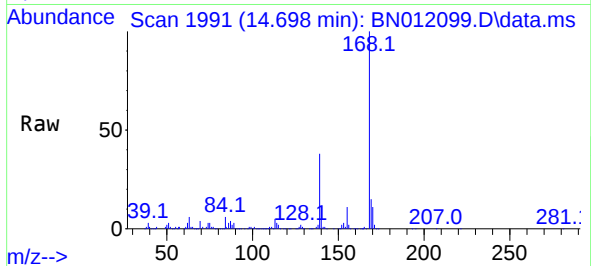




#54
Dibenzofuran
Concen: 4.76 ng/ul
RT: 14.698 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BN012099.D
Acq: 07 Oct 2020 16:23

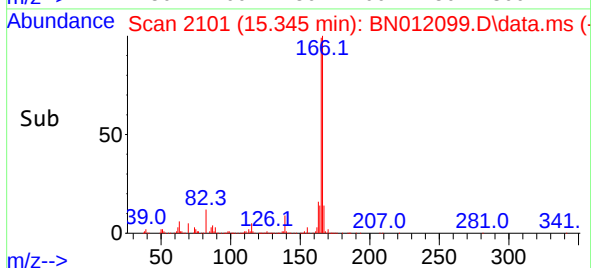
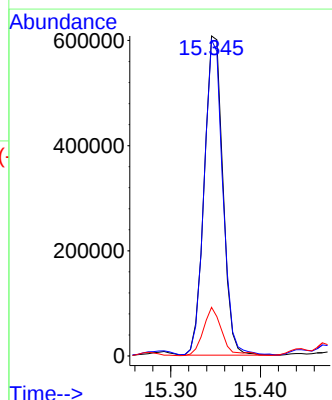
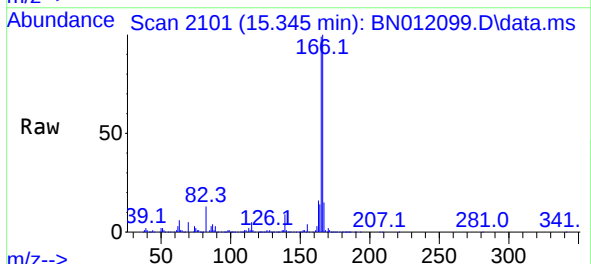
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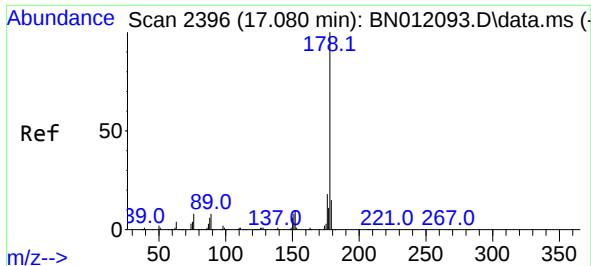
Tgt Ion:168 Resp: 527126
Ion Ratio Lower Upper
168 100
139 38.0 31.5 47.3



#59
Fluorene
Concen: 9.40 ng/ul
RT: 15.345 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BN012099.D
Acq: 07 Oct 2020 16:23

Tgt Ion:166 Resp: 871466
Ion Ratio Lower Upper
166 100
165 98.7 79.0 118.6
167 15.2 10.5 15.7

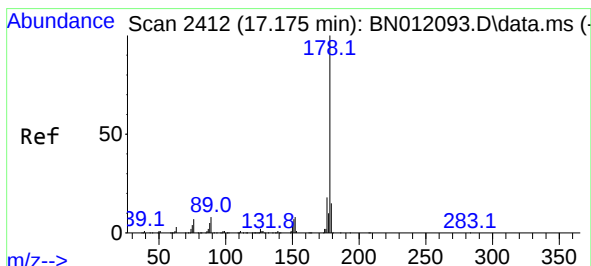
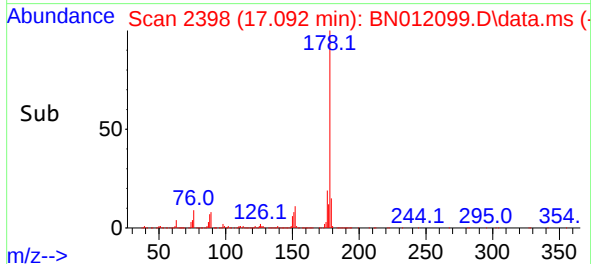
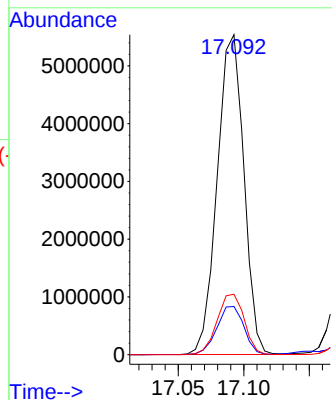
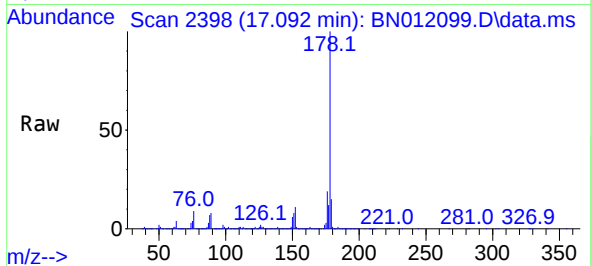




#70
Phenanthrene
Concen: 55.71 ng/ul
RT: 17.092 min Scan# 2398
Delta R.T. 0.012 min
Lab File: BN012099.D
Acq: 07 Oct 2020 16:23

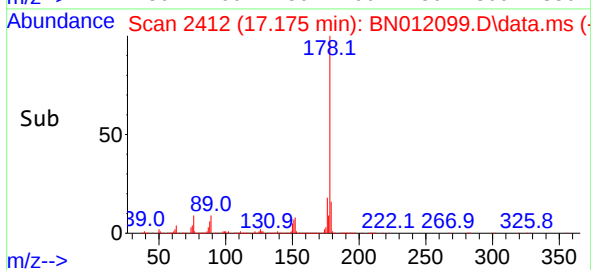
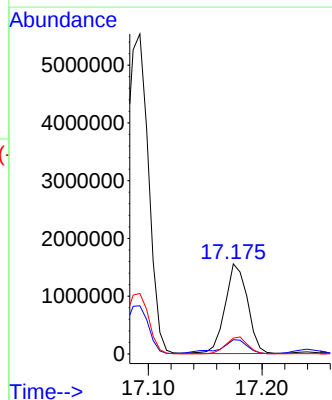
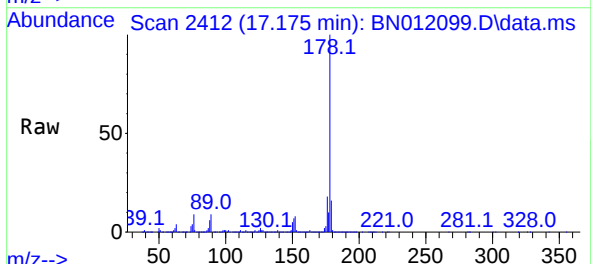
Instrument :
BNA_N
ClientSampleId :
C0AS2DL

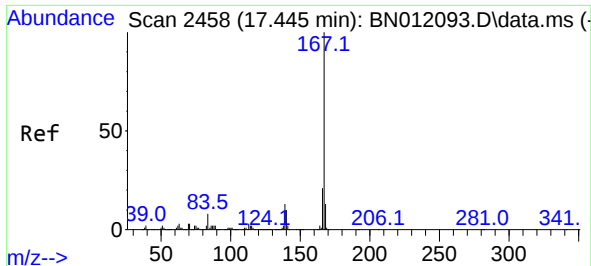
Tgt Ion:178 Resp: 7816131
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.2
176 18.9 15.4 23.2



#72
Anthracene
Concen: 15.10 ng/ul
RT: 17.175 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BN012099.D
Acq: 07 Oct 2020 16:23

Tgt Ion:178 Resp: 2138509
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 17.6 15.0 22.6



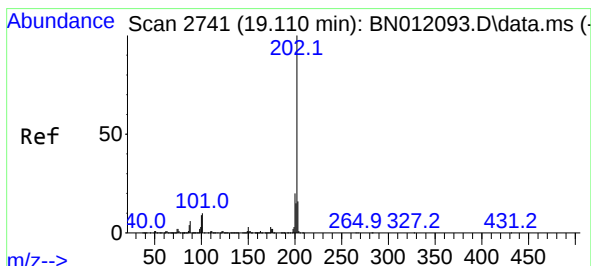
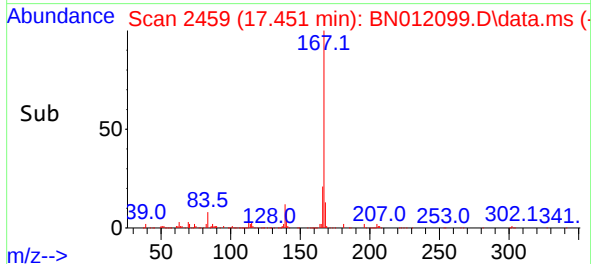
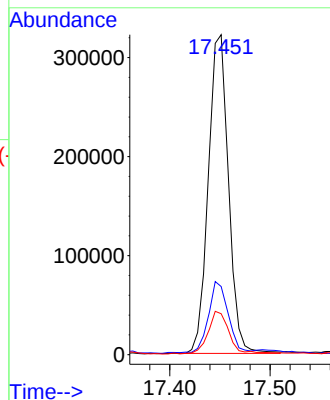
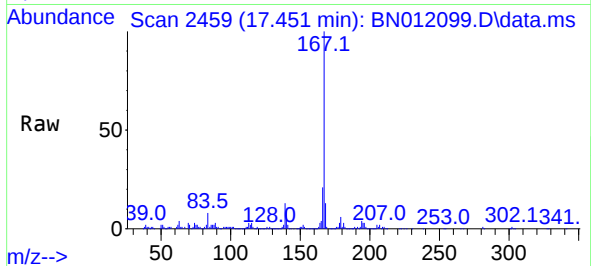


#75
 Carbazole
 Concen: 3.67 ng/ul
 RT: 17.451 min Scan# 2459
 Delta R.T. 0.006 min
 Lab File: BN012099.D
 Acq: 07 Oct 2020 16:23

Instrument :
 BNA_N
 ClientSampleId :
 C0AS2DL

Tgt Ion:167 Resp: 451960

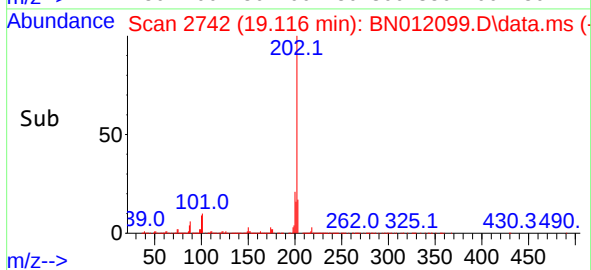
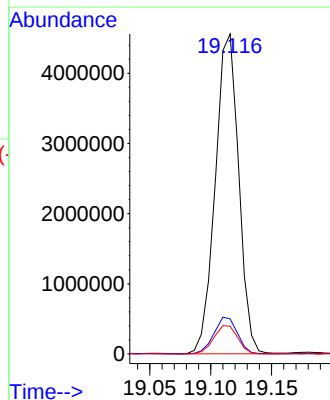
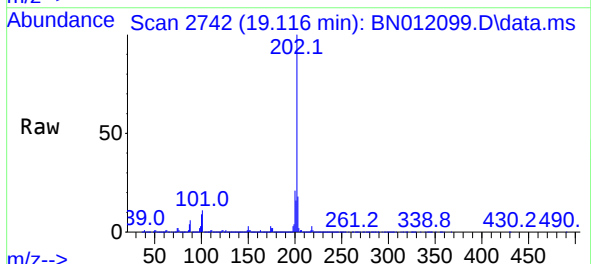
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.0
139	12.8	10.9	16.3

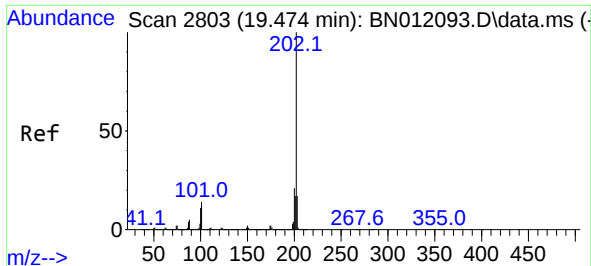


#77
 Fluoranthene
 Concen: 38.72 ng/ul
 RT: 19.116 min Scan# 2742
 Delta R.T. 0.006 min
 Lab File: BN012099.D
 Acq: 07 Oct 2020 16:23

Tgt Ion:202 Resp: 6101328

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.6	13.0
100	8.6	6.6	9.8

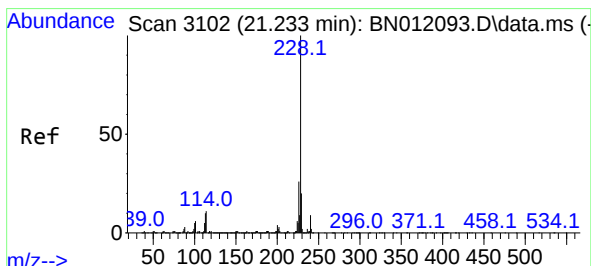
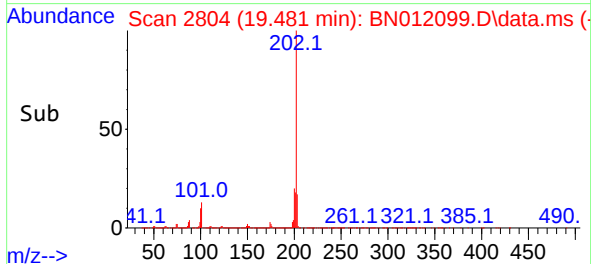
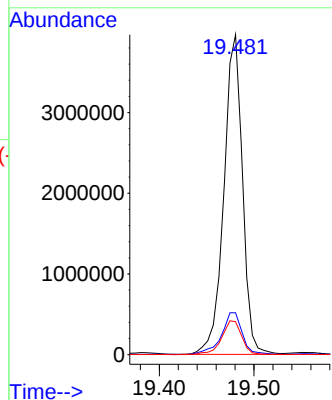
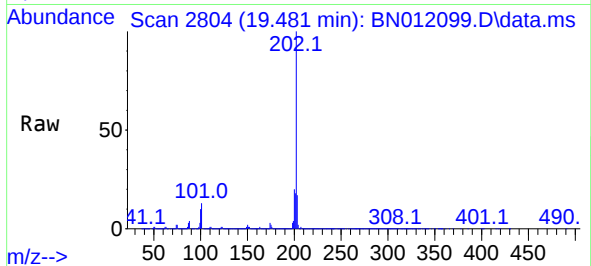




#80
Pyrene
Concen: 35.12 ng/ul
RT: 19.481 min Scan# 2804
Delta R.T. 0.006 min
Lab File: BN012099.D
Acq: 07 Oct 2020 16:23

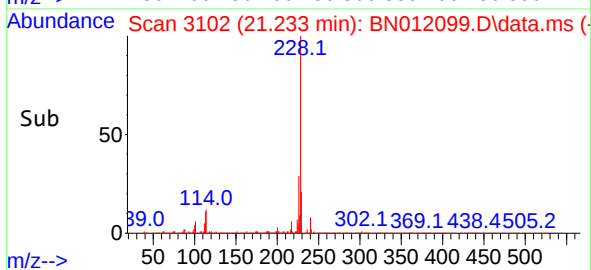
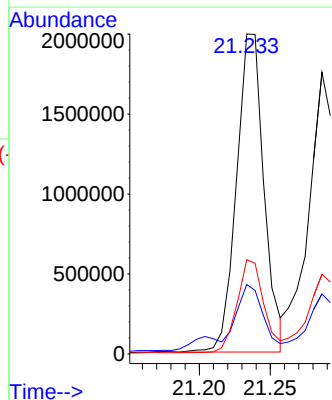
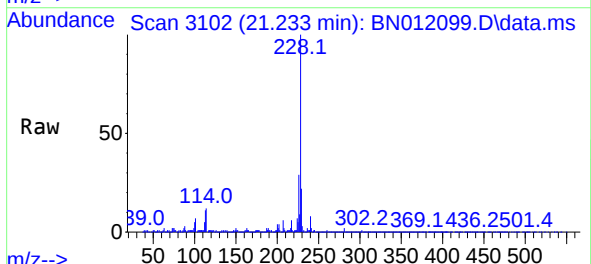
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C0AS2DL

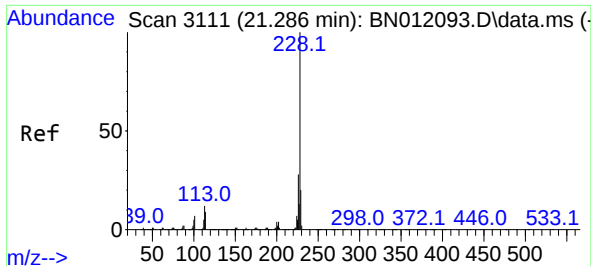
Tgt Ion:202 Resp: 5410915
Ion Ratio Lower Upper
202 100
101 13.1 10.2 15.2
100 10.3 8.8 13.2



#83
Benzo(a)anthracene
Concen: 18.63 ng/ul
RT: 21.233 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BN012099.D
Acq: 07 Oct 2020 16:23

Tgt Ion:228 Resp: 2681119
Ion Ratio Lower Upper
228 100
229 21.7 15.4 23.2
226 29.5 21.2 31.8

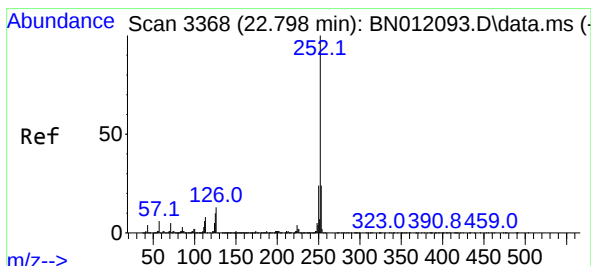
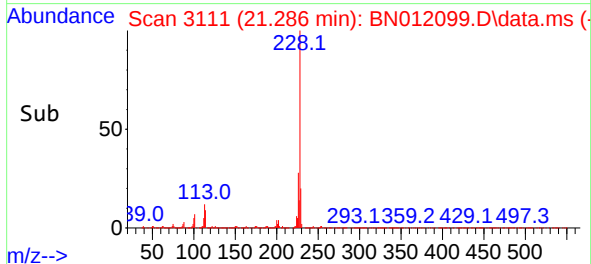
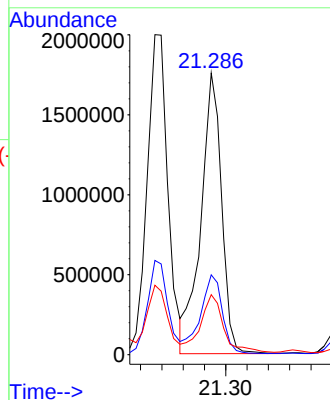
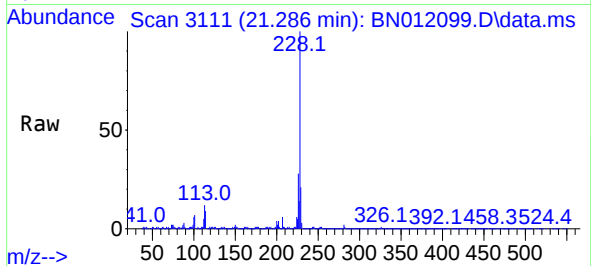




#85
Chrysene
Concen: 16.80 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN012099.D
Acq: 07 Oct 2020 16:23

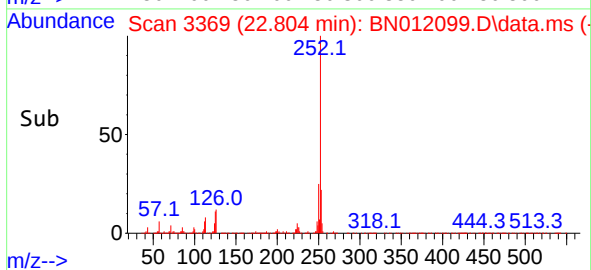
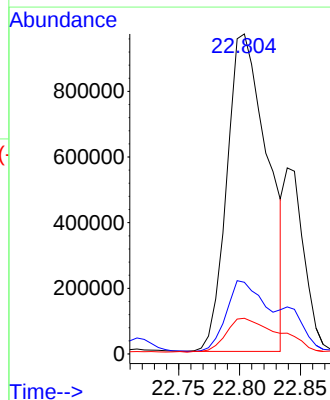
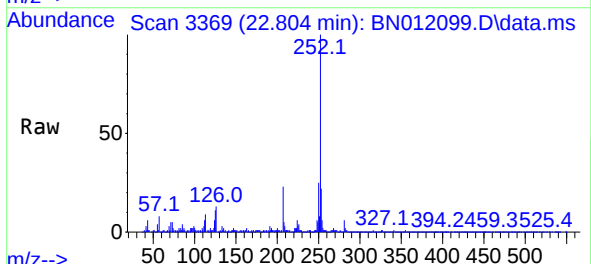
Instrument :
BNA_N
ClientSampled :
C0AS2DL

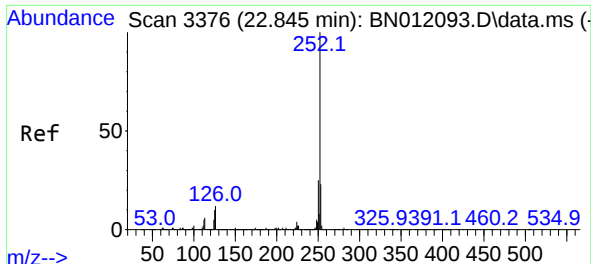
Tgt Ion:228 Resp: 2376498
Ion Ratio Lower Upper
228 100
226 28.4 23.3 34.9
229 21.3 15.0 22.4



#88
Benzo(b)fluoranthene
Concen: 13.41 ng/ul
RT: 22.804 min Scan# 3369
Delta R.T. 0.006 min
Lab File: BN012099.D
Acq: 07 Oct 2020 16:23

Tgt Ion:252 Resp: 2258882
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 11.1 8.1 12.1

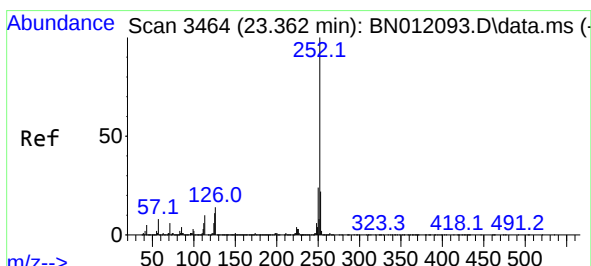
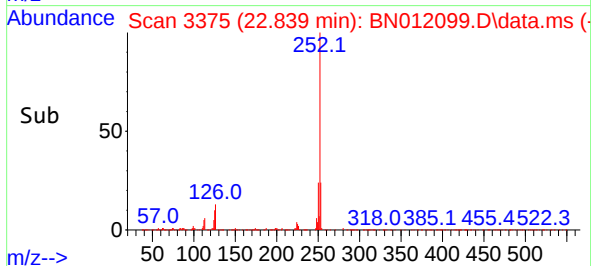
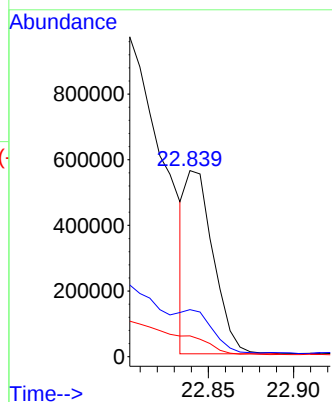
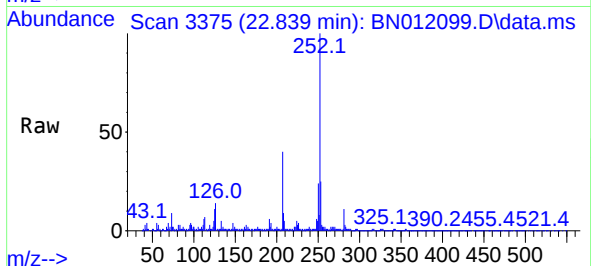




#89
Benzo(k)fluoranthene
Concen: 3.73 ng/ul
RT: 22.839 min Scan# 3375
Delta R.T. -0.006 min
Lab File: BN012099.D
Acq: 07 Oct 2020 16:23

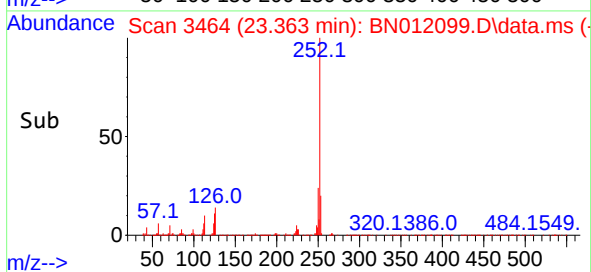
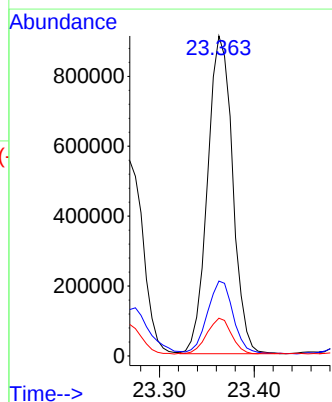
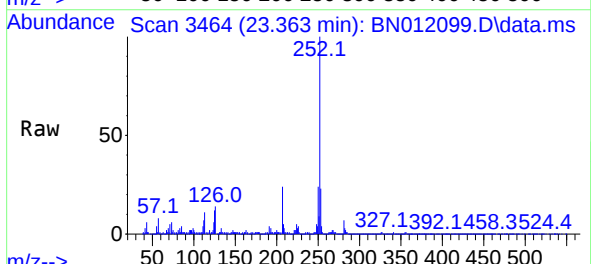
Instrument :
BNA_N
ClientSampleId :
C0AS2DL

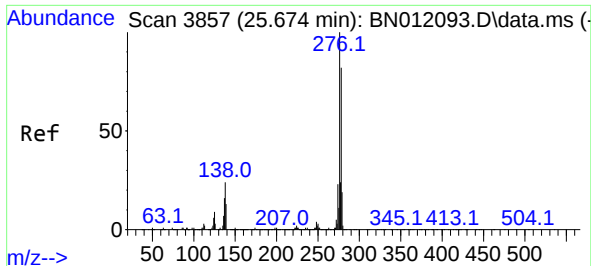
Tgt Ion:252 Resp: 619531
Ion Ratio Lower Upper
252 100
253 25.3 18.1 27.1
125 11.2 7.7 11.5



#91
Benzo(a)pyrene
Concen: 10.94 ng/ul
RT: 23.363 min Scan# 3464
Delta R.T. 0.000 min
Lab File: BN012099.D
Acq: 07 Oct 2020 16:23

Tgt Ion:252 Resp: 1671127
Ion Ratio Lower Upper
252 100
253 23.4 16.6 24.8
125 11.8 9.0 13.6



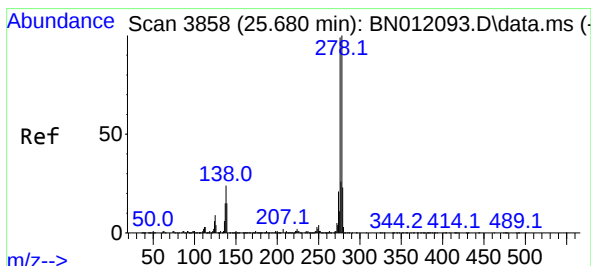
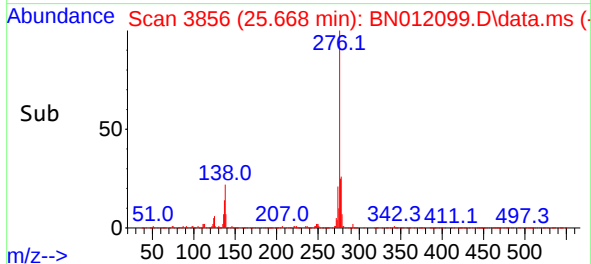
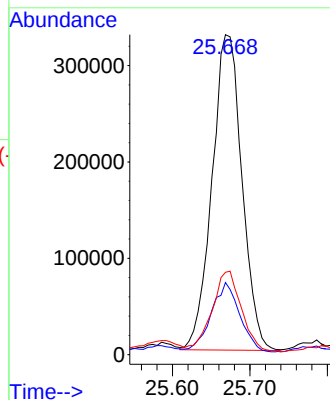
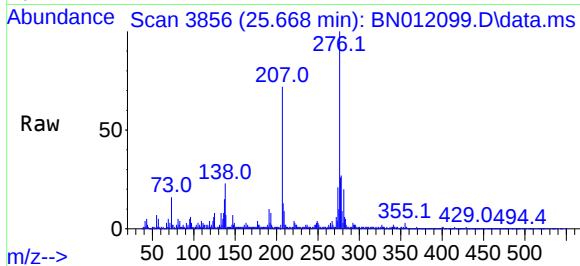


#92
Indeno(1,2,3-cd)pyrene
Concen: 4.52 ng/ul
RT: 25.668 min Scan# 3856
Delta R.T. -0.006 min
Lab File: BN012099.D
Acq: 07 Oct 2020 16:23

Instrument :
BNA_N
ClientSampled :
C0AS2DL

Tgt Ion:276 Resp: 881137

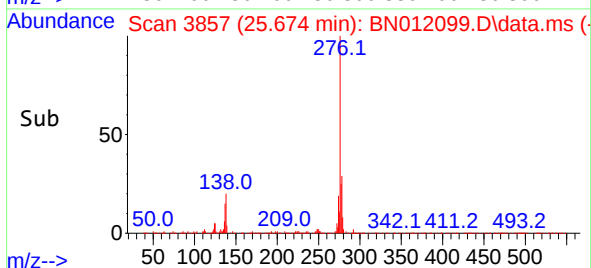
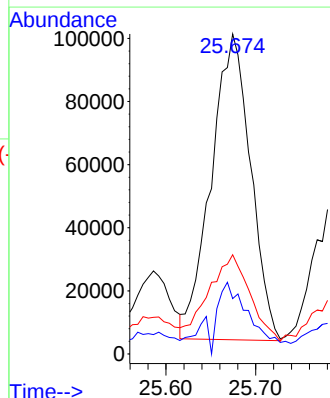
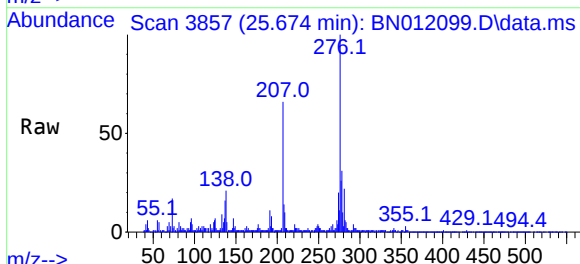
Ion	Ratio	Lower	Upper
276	100		
138	22.6	17.4	26.2
277	25.7	19.0	28.4

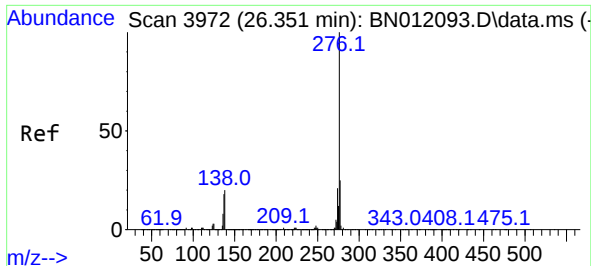


#93
Dibenzo(a,h)anthracene
Concen: 1.84 ng/ul
RT: 25.674 min Scan# 3857
Delta R.T. -0.006 min
Lab File: BN012099.D
Acq: 07 Oct 2020 16:23

Tgt Ion:278 Resp: 295327

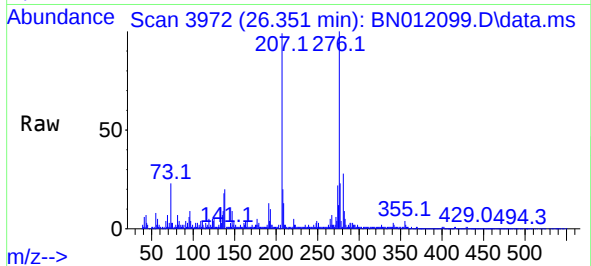
Ion	Ratio	Lower	Upper
278	100		
139	17.3	12.2	18.2
279	31.0	18.2	27.4#





#94
Benzo(g,h,i)perylene
Concen: 4.13 ng/ul
RT: 26.351 min Scan# 3972
Delta R.T. 0.000 min
Lab File: BN012099.D
Acq: 07 Oct 2020 16:23

Instrument :
BNA_N
ClientSampleId :
C0AS2DL



Tgt Ion:	276	Resp:	686248
Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.7	25.1
277	23.3	19.0	28.6

