

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
 Data File : BN010373.D
 Acq On : 01 Apr 2020 23:56
 Operator : CG/JU
 Sample : L2065-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBF06

Manual Integrations
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Quant Time: Apr 02 00:52:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 02 00:34:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	614889	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1767234m	20.00	ng/ul	0.05
36) Acenaphthene-d10	14.25	164	1735265	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	3770972	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	4121549	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	4548077	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	16081	1.24	ng/uL	0.00
5) Phenol-d5	6.80	99	358254	6.98	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	800830	29.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	1047873	25.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	697254	16.09	ng/ul	0.05
19) Nitrobenzene-d5	8.76	128	776245	59.16	ng/ul	0.02
22) 2-Nitrophenol-d4	9.50	143	714052m	51.40	ng/ul	0.04
26) 2,4-Dichlorophenol-d3	10.07	165	1322834	45.92	ng/ul	0.08
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.66	166	4453295	34.01	ng/ul	0.01
47) Acenaphthylene-d8	13.93	160	5338124	34.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	179456	7.30	ng/ul	0.00
58) Fluorene-d10	15.24	176	4040384	35.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	685080	31.73	ng/ul	0.01
71) Anthracene-d10	17.09	188	5916737	34.17	ng/ul	0.00
79) Pyrene-d10	19.39	212	7176702	33.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	8147651	36.01	ng/ul	0.00
Target Compounds						
28) Naphthalene	10.42	128	98920622m	1040.501	ng/ul	
34) 2-Methylnaphthalene	12.05	142	38717024m	560.550	ng/ul	
41) 1,1'-Biphenyl	13.07	154	17001785m	128.756	ng/ul	
48) Acenaphthylene	13.96	152	1551878	9.431	ng/ul#	93
50) Acenaphthene	14.31	153	27475592m	242.387	ng/ul	
54) Dibenzofuran	14.64	168	23915465m	149.787	ng/ul	
59) Fluorene	15.30	166	18676878m	143.733	ng/ul	
70) Phenanthrene	17.03	178	19485910m	93.255	ng/ul	
72) Anthracene	17.12	178	2830073	13.542	ng/ul	99
75) Carbazole	17.39	167	24774365m	142.562	ng/ul	
77) Fluoranthene	19.04	202	3468387	15.586	ng/ul	100
80) Pyrene	19.41	202	1948009	7.069	ng/ul	99

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

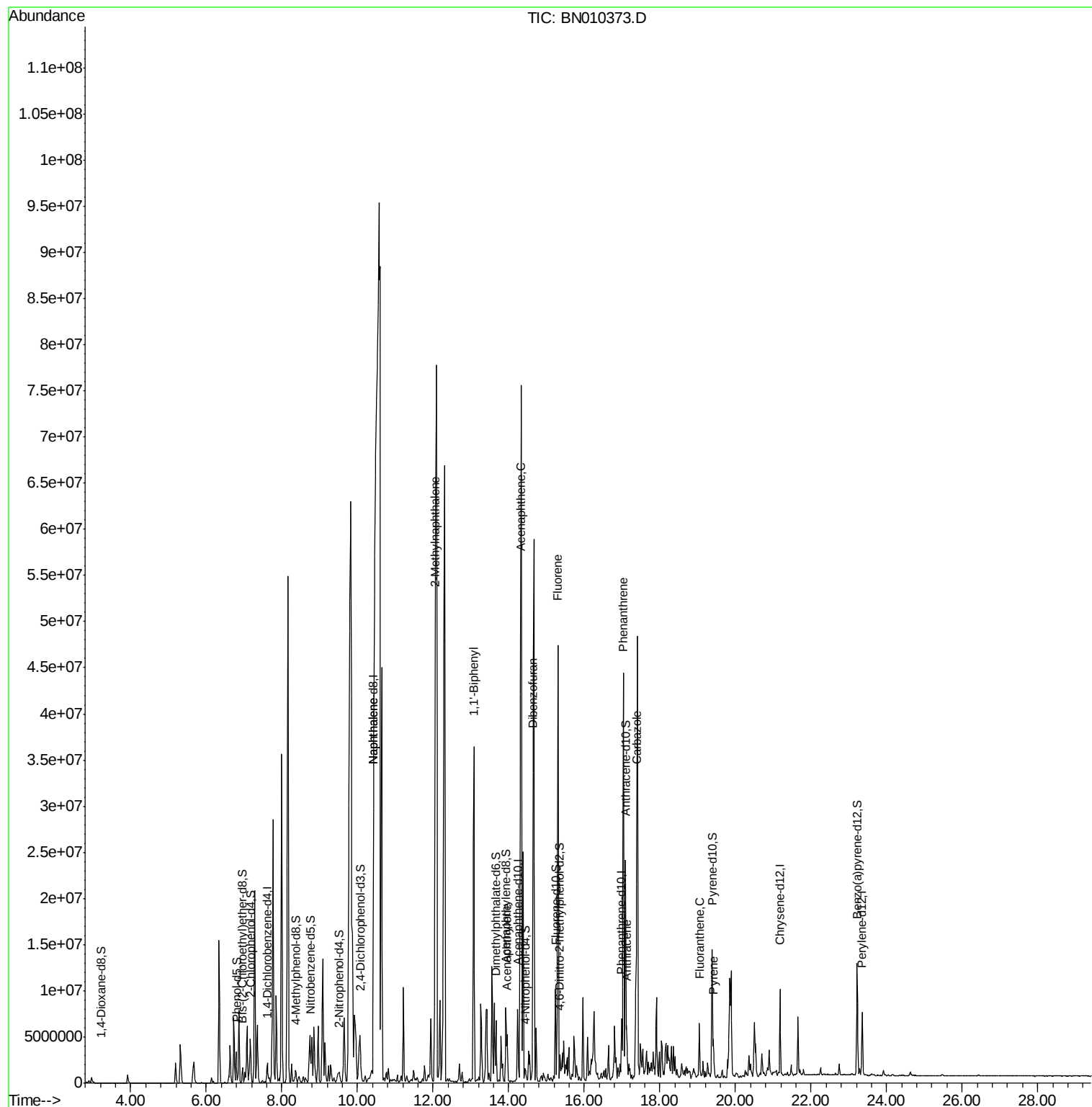
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040120\
Data File : BN010373.D
Acq On : 01 Apr 2020 23:56
Operator : CG/JU
Sample : L2065-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

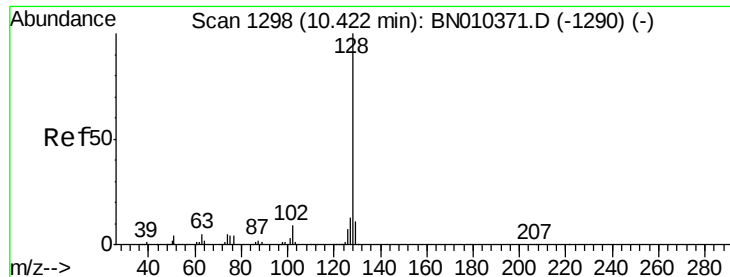
Instrument :
BNA_N
ClientSampleId :
DBF06

Quant Time: Apr 02 00:52:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 02 00:34:36 2020
Response via : Initial Calibration

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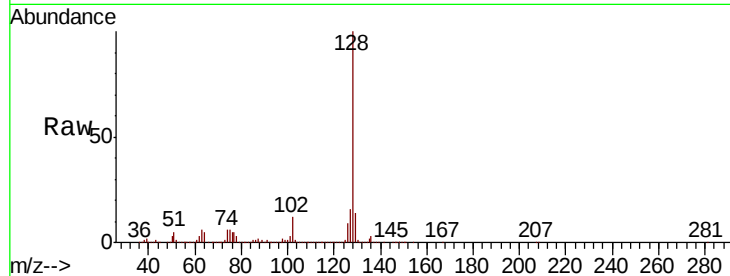
#28
Naphthalene
Concen: 1040.501 ng/ul m
RT: 10.42 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BN010373.D
Acq: 01 Apr 2020 23:56

Instrument :
BNA_N
ClientSampled :
DBF06

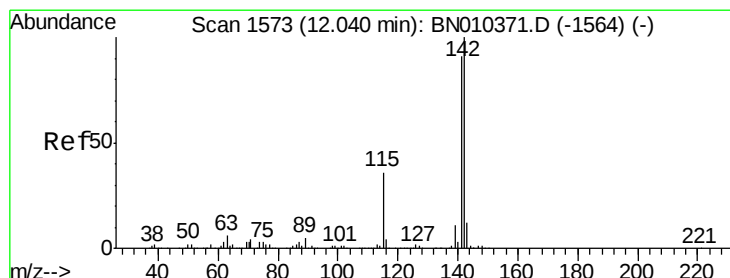
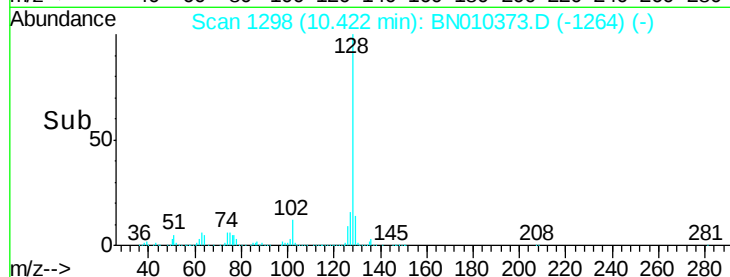
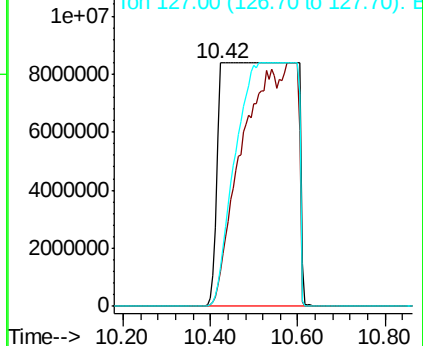
Tot Ion:128 Resp:98920622
Ion Ratio Lower Upper
128 100
129 14.4 8.6 13.0#
127 16.0 10.8 16.2

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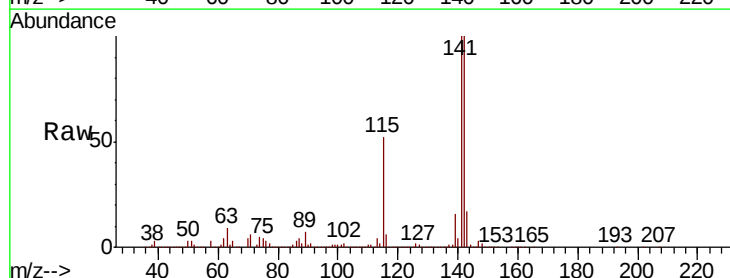


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

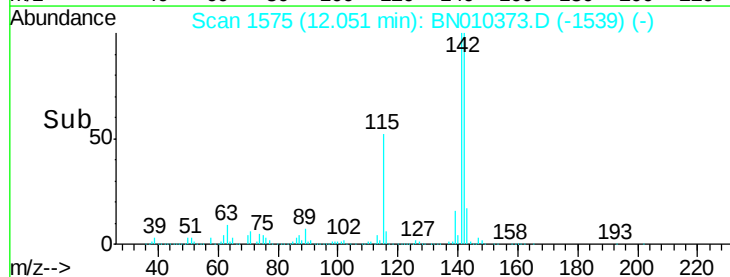
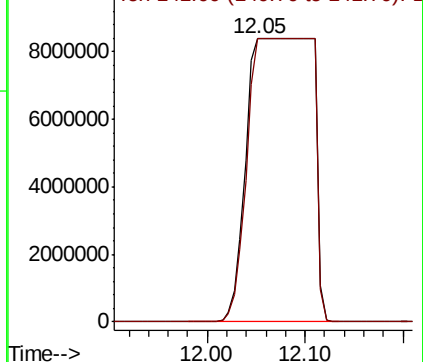


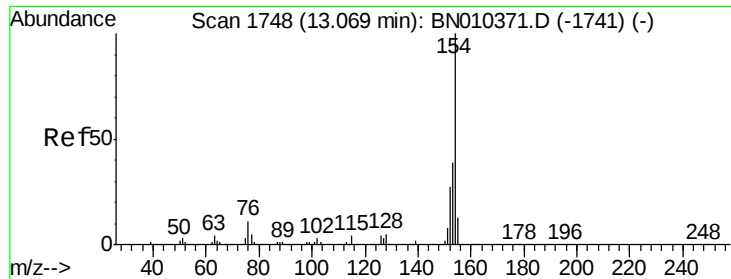
#34
2-Methylnaphthalene
Concen: 560.550 ng/ul m
RT: 12.05 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BN010373.D
Acq: 01 Apr 2020 23:56

Tgt Ion:142 Resp:38717024
Ion Ratio Lower Upper
142 100
141 100.0 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#41
 1,1'-Biphenyl
 Concen: 128.756 ng/ul m
 RT: 13.07 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BN010373.D
 Acq: 01 Apr 2020 23:56

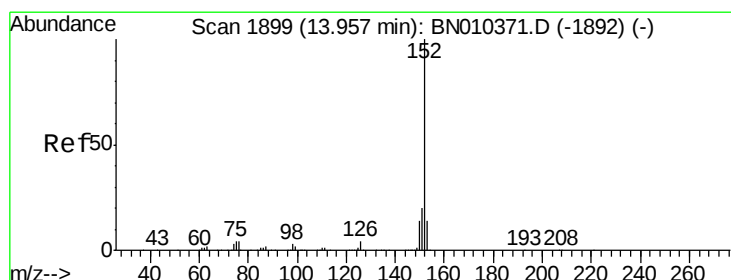
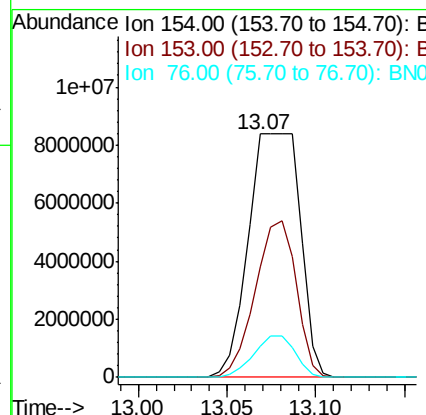
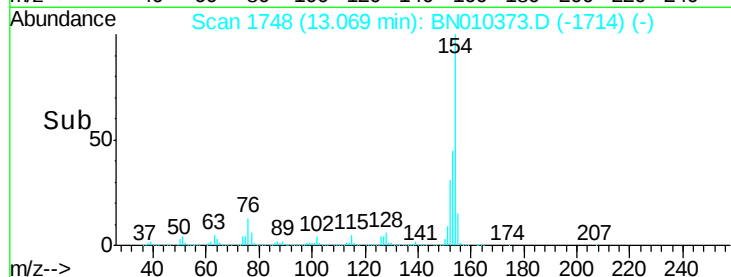
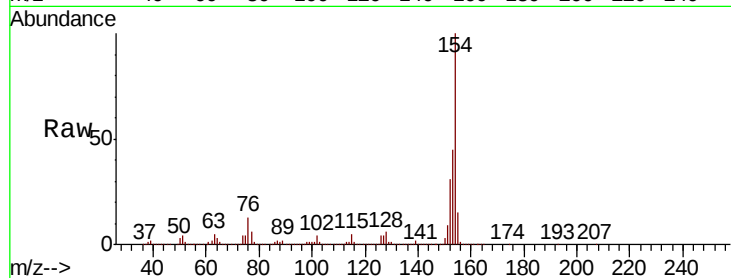
Instrument :
 BNA_N
 ClientSampled :
 DBF06

Tot Ion:154 Resp:17001785

Ion	Ratio	Lower	Upper
154	100		
153	45.2	32.6	49.0
76	13.0	9.4	14.2

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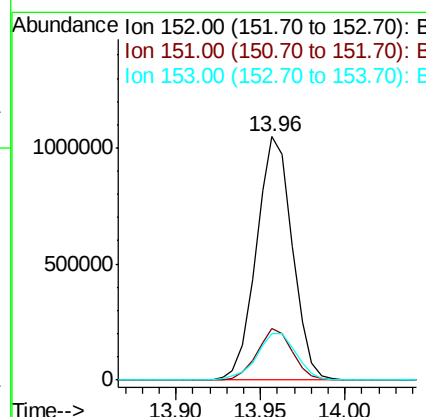
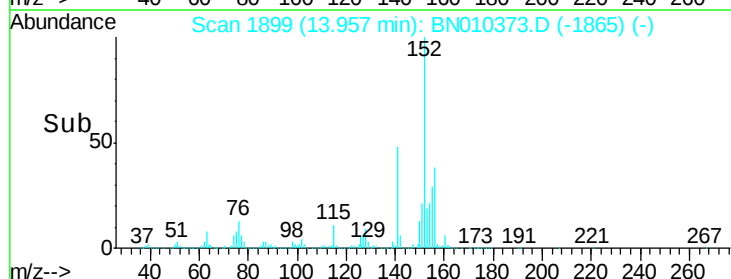
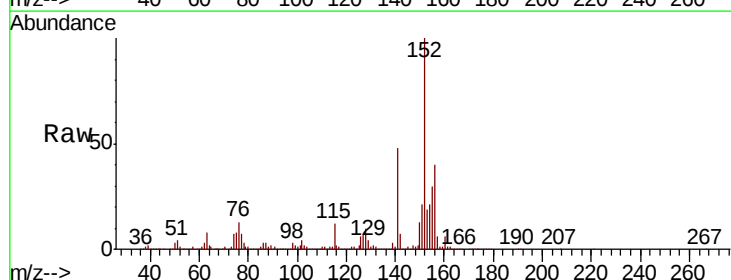
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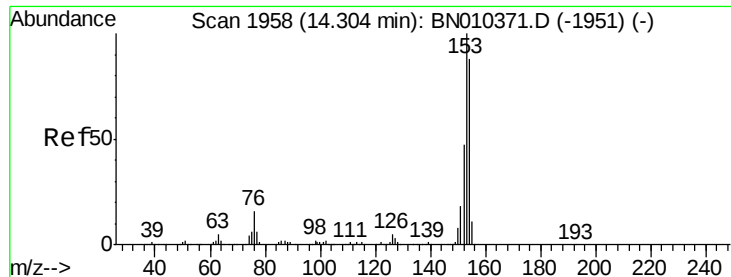


#48
 Acenaphthylene
 Concen: 9.431 ng/ul
 RT: 13.96 min Scan# 1899
 Delta R.T. -0.00 min
 Lab File: BN010373.D
 Acq: 01 Apr 2020 23:56

Tgt Ion:152 Resp: 1551878

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	18.9	10.2	15.2#





#50

Acenaphthene

Concen: 242.387 ng/ul m

RT: 14.31 min Scan# 1959

Delta R.T. 0.01 min

Lab File: BN010373.D

Acq: 01 Apr 2020 23:56

Instrument :

BNA_N

ClientSampleId :

DBF06

Tot Ion:153 Resp:27475592

Ion Ratio Lower Upper

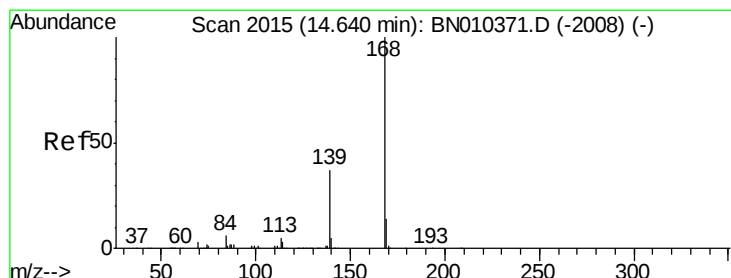
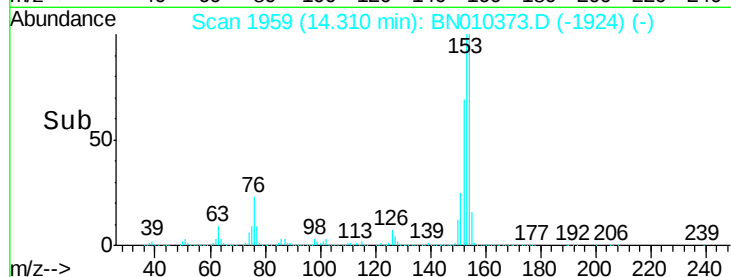
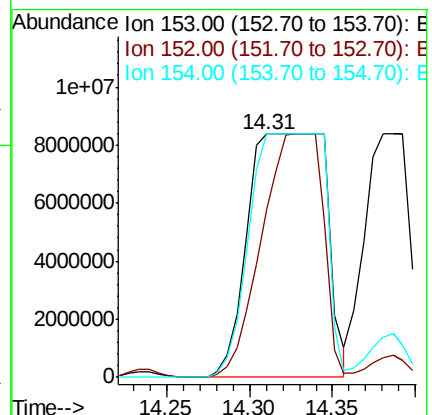
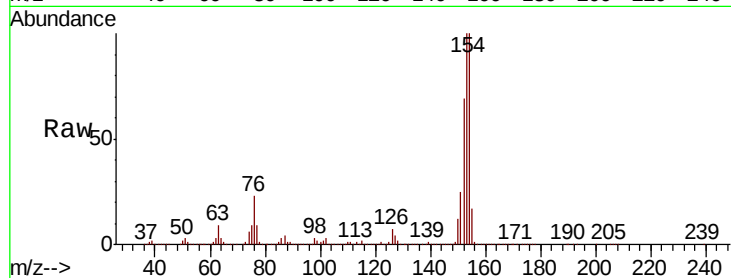
153 100

152 68.9 37.8 56.6#

154 100.0 69.1 103.7

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#54

Dibenzofuran

Concen: 149.787 ng/ul m

RT: 14.64 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BN010373.D

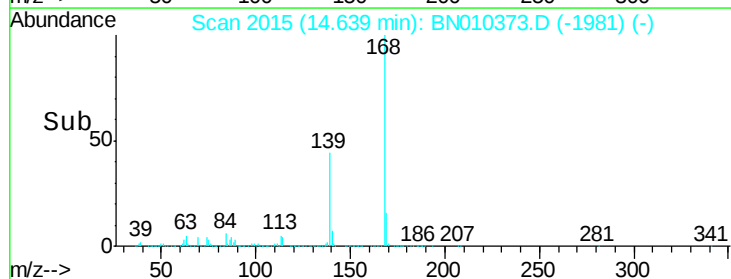
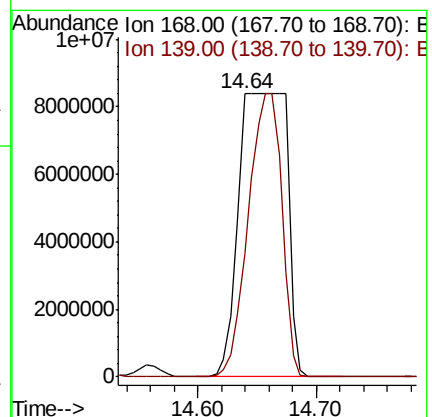
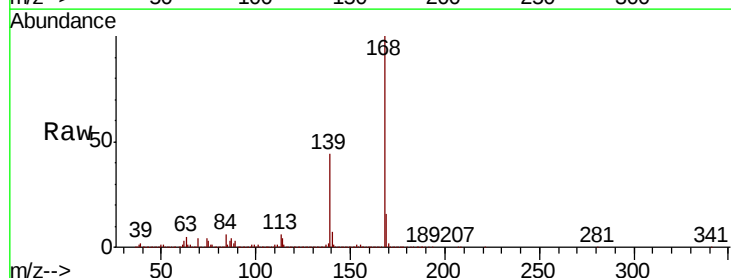
Acq: 01 Apr 2020 23:56

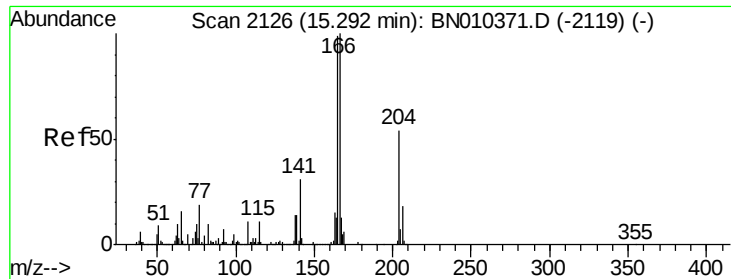
Tgt Ion:168 Resp:23915465

Ion Ratio Lower Upper

168 100

139 43.6 29.0 43.4#





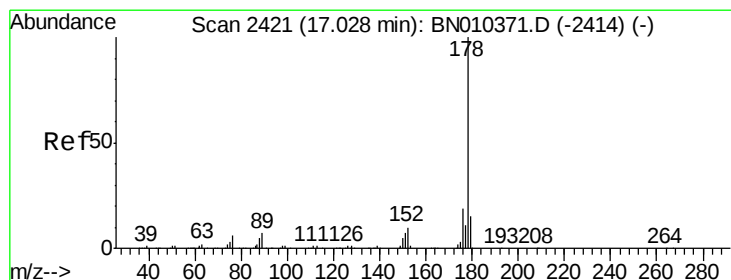
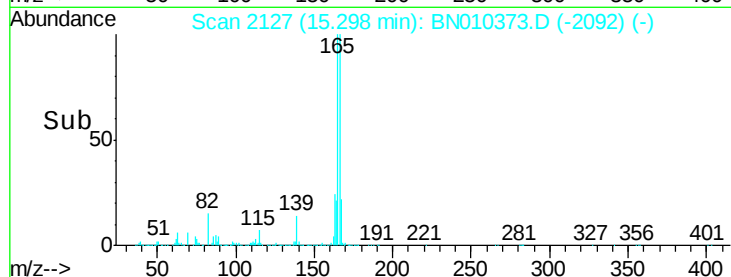
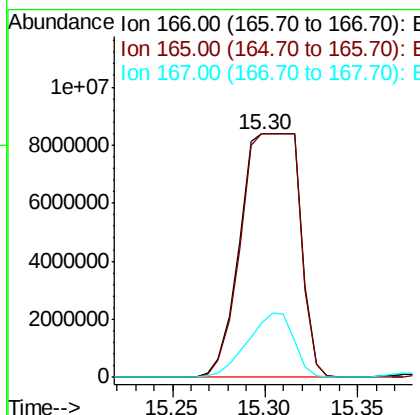
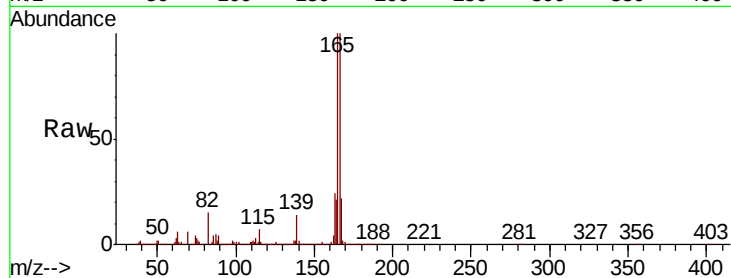
#59
Fluorene
 Concen: 143.733 ng/ul m
 RT: 15.30 min Scan# 2127
 Delta R.T. 0.01 min
 Lab File: BN010373.D
 Acq: 01 Apr 2020 23:56

Instrument :
 BNA_N
 ClientSampleId :
 DBF06

Tot Ion:166 Resp:18676878
 Ion Ratio Lower Upper
 166 100
 165 100.0 77.6 116.4
 167 22.1 10.7 16.1#

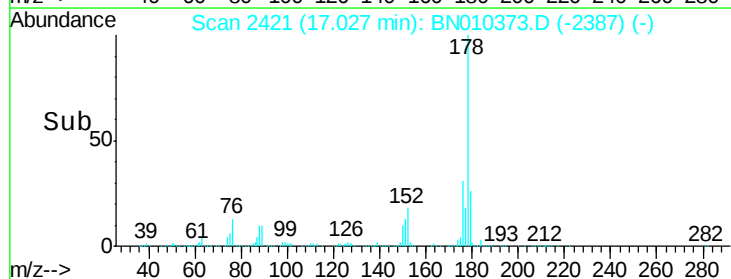
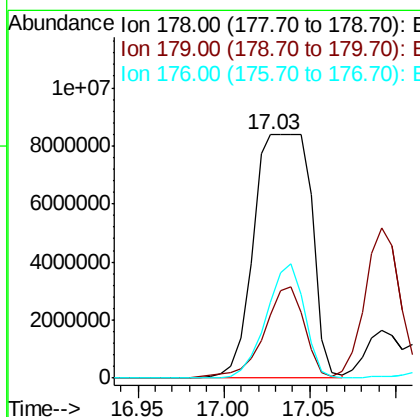
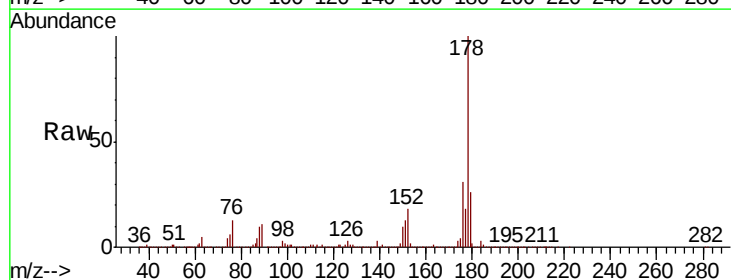
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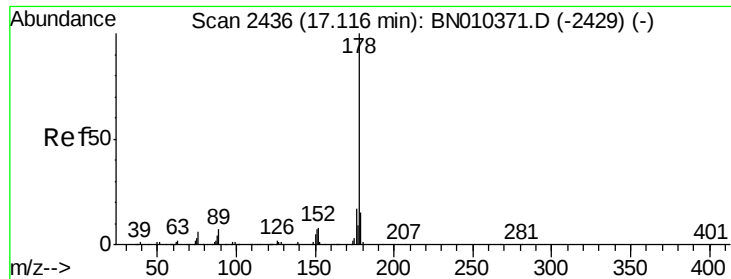
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#70
Phenanthrene
 Concen: 93.255 ng/ul m
 RT: 17.03 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BN010373.D
 Acq: 01 Apr 2020 23:56

Tgt Ion:178 Resp:19485910
 Ion Ratio Lower Upper
 178 100
 179 26.0 11.9 17.9#
 176 31.4 15.4 23.2#





#72

Anthracene

Concen: 13.542 ng/ul

RT: 17.12 min Scan# 2437

Delta R.T. 0.01 min

Lab File: BN010373.D

Acq: 01 Apr 2020 23:56

Instrument :

BNA_N

ClientSampled :

DBF06

Tot Ion:178 Resp: 2830073

Ion Ratio Lower Upper

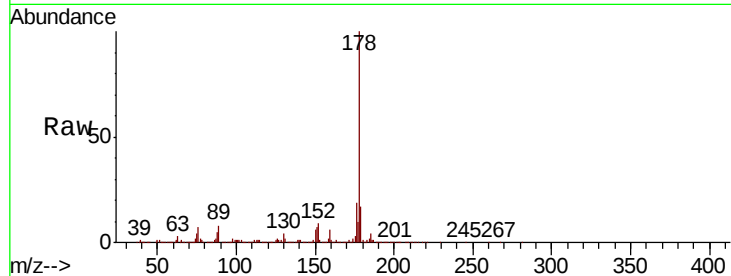
178 100

179 16.5 12.9 19.3

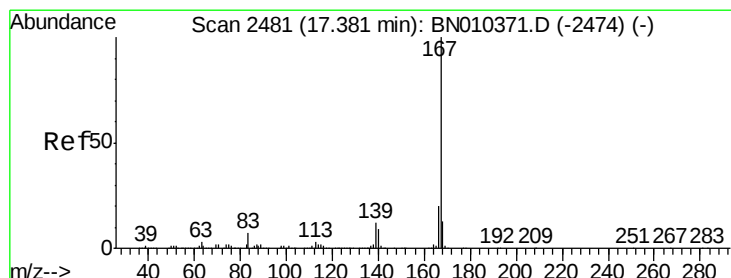
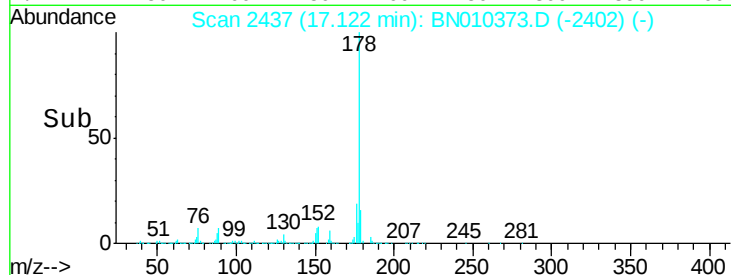
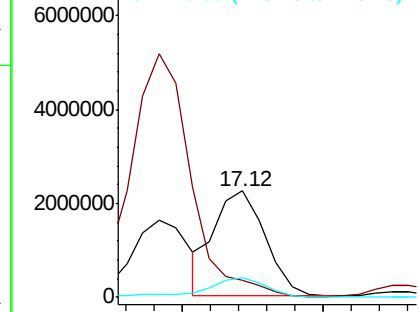
176 18.6 15.2 22.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 142.562 ng/ul m

RT: 17.39 min Scan# 2482

Delta R.T. -0.00 min

Lab File: BN010373.D

Acq: 01 Apr 2020 23:56

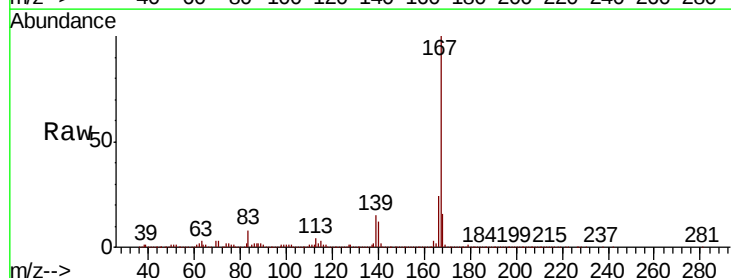
Tgt Ion:167 Resp:24774365

Ion Ratio Lower Upper

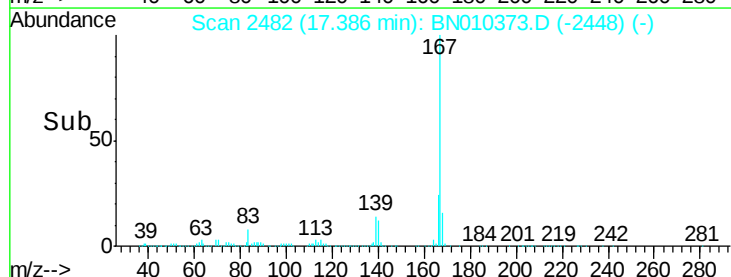
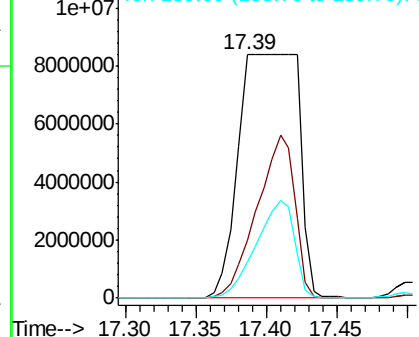
167 100

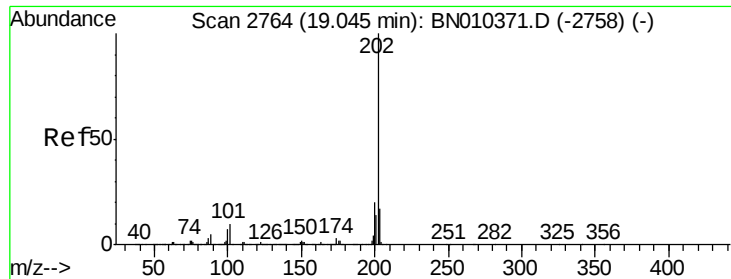
166 24.0 17.3 25.9

139 14.6 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





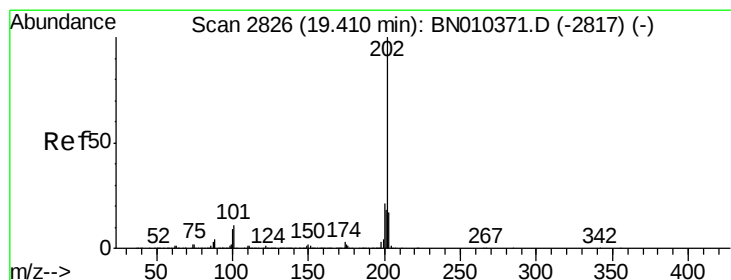
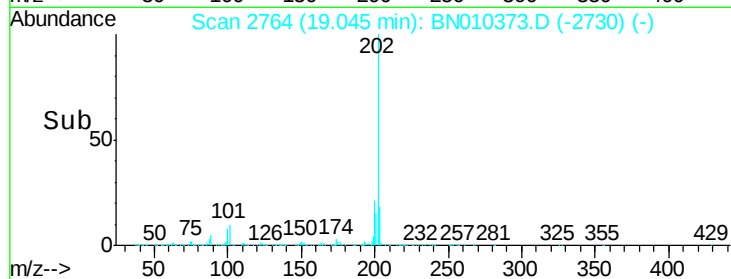
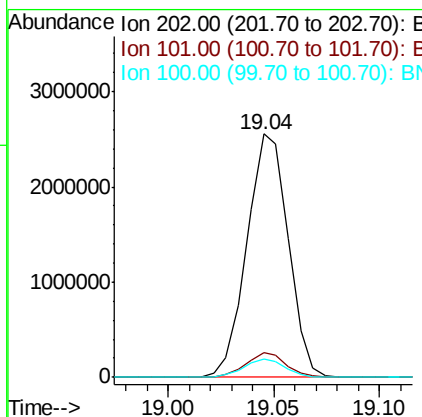
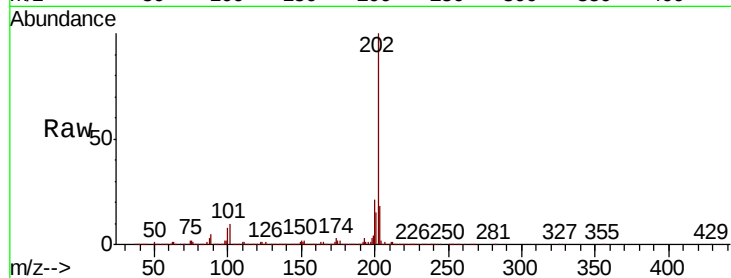
#77
Fluoranthene
 Concen: 15.586 ng/ul
 RT: 19.04 min Scan# 2764
 Delta R.T. -0.00 min
 Lab File: BN010373.D
 Acq: 01 Apr 2020 23:56

Instrument :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.1	12.1
100	7.7	6.2	9.4

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#80
Pyrene
 Concen: 7.069 ng/ul
 RT: 19.41 min Scan# 2826
 Delta R.T. -0.00 min
 Lab File: BN010373.D
 Acq: 01 Apr 2020 23:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.6	14.4
100	9.4	8.1	12.1

