

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
 Data File : BN009893.D
 Acq On : 25 Feb 2020 10:16
 Operator : CG/JU
 Sample : L1582-05DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBDJ7DL

Quant Time: Feb 25 11:07:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 25 07:22:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	129927	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	532959	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.03	164	327876	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	702847	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	701831	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	720113	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	577	0.18	ng/uL	0.02
5) Phenol-d5	6.60	99	12813	1.16	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	45552	5.97	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	40484	4.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	25160	2.86	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	26376	6.76	ng/ul	0.01
22) 2-Nitrophenol-d4	9.25	143	25902	6.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	45671	5.57	ng/ul	0.02
29) 4-Chloroaniline-d4	10.30	131	14349	1.56	ng/ul	0.01
44) Dimethylphthalate-d6	13.45	166	163968	6.70	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	191416	6.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	2562	0.57	ng/ul	0.04
58) Fluorene-d10	15.03	176	147136	6.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	16906	3.87	ng/ul	0.01
71) Anthracene-d10	16.89	188	224940	6.98	ng/ul	0.00
79) Pyrene-d10	19.19	212	246290	6.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	239595	6.66	ng/ul	0.00

Target Compounds

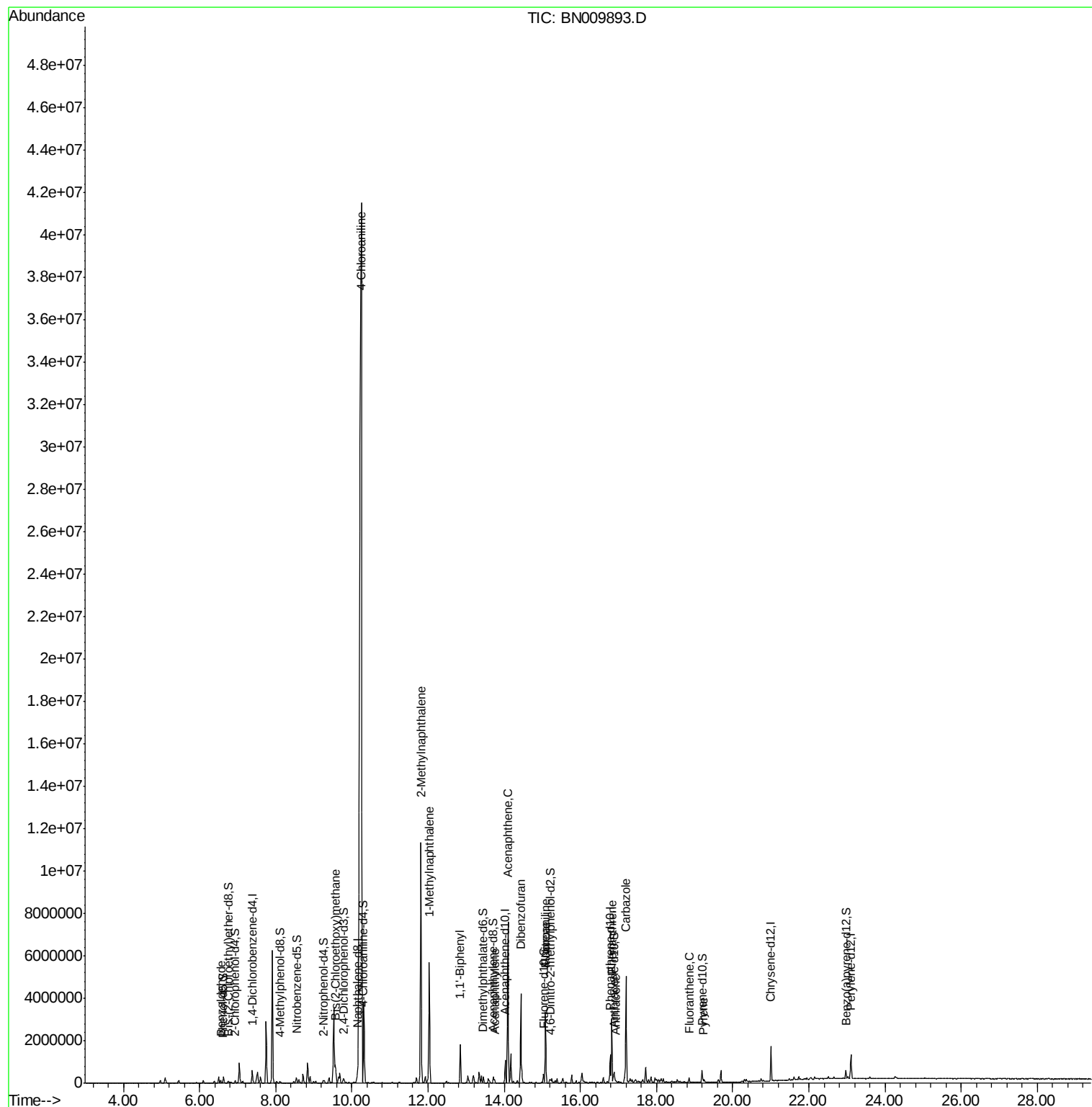
						Qvalue
4) Benzaldehyde	6.55	77	8285	1.13	ng/ul#	1
25) Bis(2-Chloroethoxy)methane	9.56	93	17630	1.43	ng/ul#	1
30) 4-Chloroaniline	10.25	127	9017034	955.74	ng/ul#	8
34) 2-Methylnaphthalene	11.82	142	5038361	252.47	ng/ul	94
35) 1-Methylnaphthalene	12.03	142	2355853	117.77	ng/uL	100
41) 1,1'-Biphenyl	12.85	154	844028	33.52	ng/ul	96
48) Acenaphthylene	13.75	152	49667	1.59	ng/ul#	87
50) Acenaphthene	14.10	153	2824662	131.98	ng/ul	97
54) Dibenzofuran	14.43	168	2287623	76.16	ng/ul	98
59) Fluorene	15.09	166	1315971	52.20	ng/ul	96
61) 4-Nitroaniline	15.09	138	15625	2.77	ng/ul#	13
70) Phenanthrene	16.83	178	1604509	40.00	ng/ul	100
72) Anthracene	16.92	178	50493	1.23	ng/ul	96
75) Carbazole	17.20	167	2848074	78.87	ng/ul	98
77) Fluoranthene	18.86	202	120964	2.57	ng/ul	99
80) Pyrene	19.22	202	76050	1.50	ng/ul	99

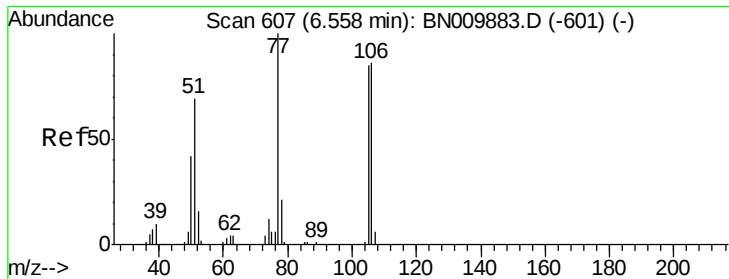
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 25 11:07:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 07:22:29 2020
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.13 ng/ul

RT: 6.55 min Scan# 606

Delta R.T. -0.01 min

Lab File: BN009893.D

Acq: 25 Feb 2020 10:16

Instrument :

BNA_N

ClientSampleId :

DBDJ7DL

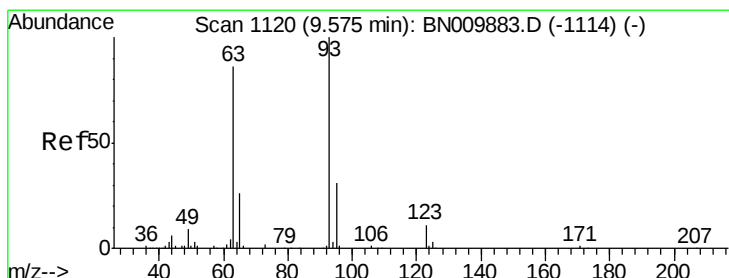
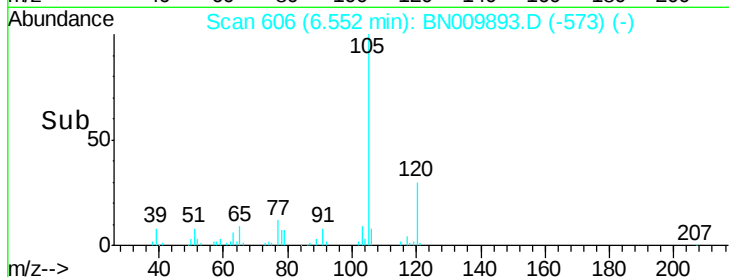
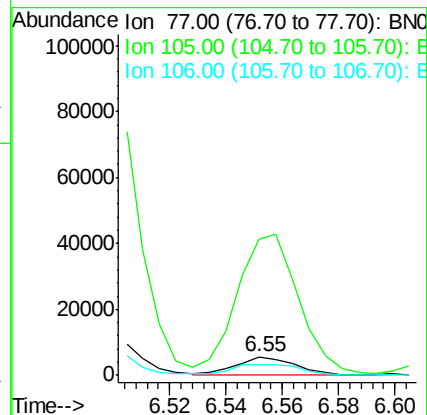
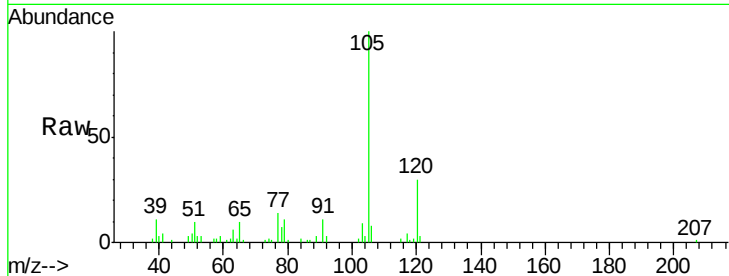
Tgt Ion: 77 Resp: 8285

Ion Ratio Lower Upper

77 100

105 733.9 78.2 117.2#

106 60.8 70.9 106.3#



#25

Bis(2-Chloroethoxy)methane

Concen: 1.43 ng/ul

RT: 9.56 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BN009893.D

Acq: 25 Feb 2020 10:16

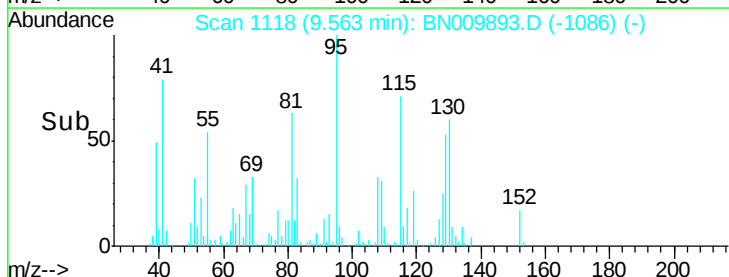
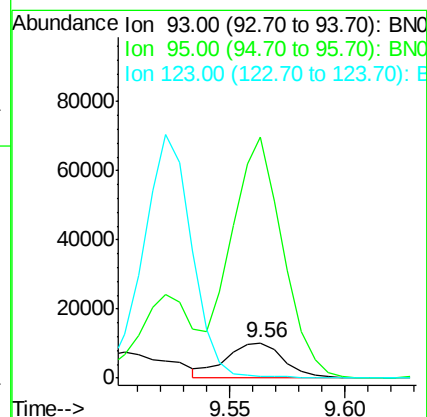
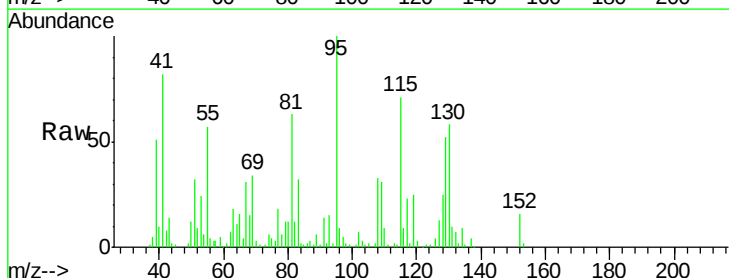
Tgt Ion: 93 Resp: 17630

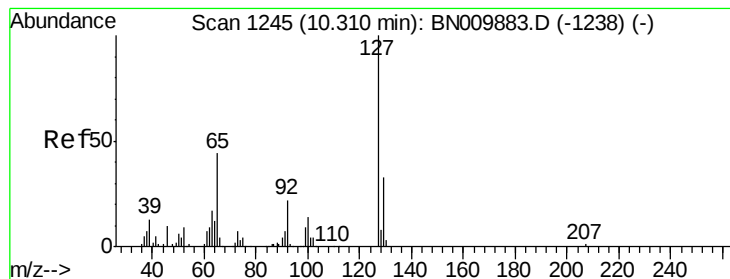
Ion Ratio Lower Upper

93 100

95 681.5 25.1 37.7#

123 4.5 8.9 13.3#





#30

4-Chloroaniline

Concen: 955.74 ng/ul

RT: 10.25 min Scan# 1234

Delta R.T. -0.06 min

Lab File: BN009893.D

Acq: 25 Feb 2020 10:16

Instrument :

BNA_N

ClientSampleId :

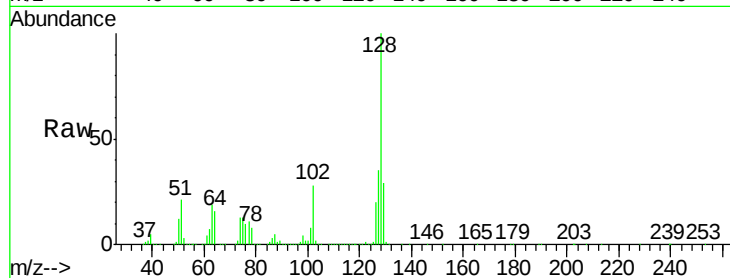
DBDJ7DL

Tgt Ion:127 Resp: 9017034

Ion Ratio Lower Upper

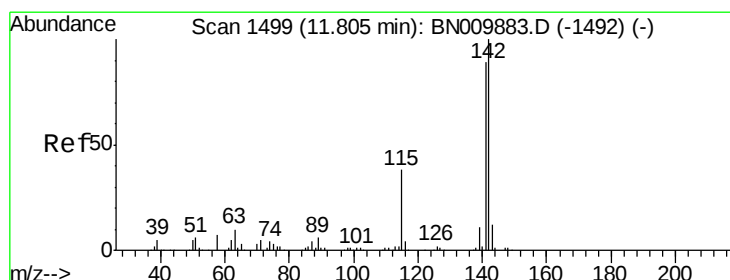
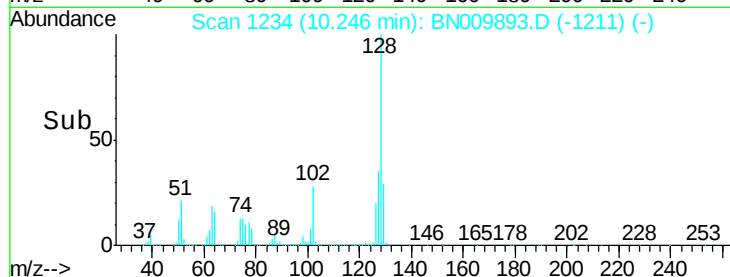
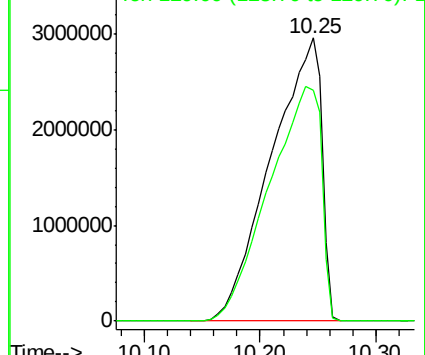
127 100

129 81.5 24.8 37.2#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#34

2-Methylnaphthalene

Concen: 252.47 ng/ul

RT: 11.82 min Scan# 1501

Delta R.T. 0.01 min

Lab File: BN009893.D

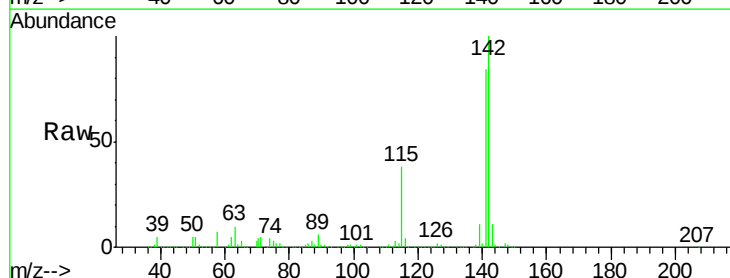
Acq: 25 Feb 2020 10:16

Tgt Ion:142 Resp: 5038361

Ion Ratio Lower Upper

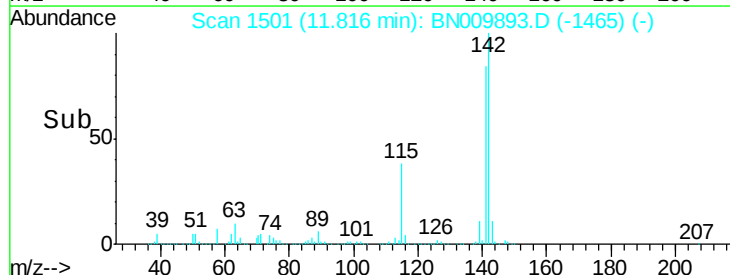
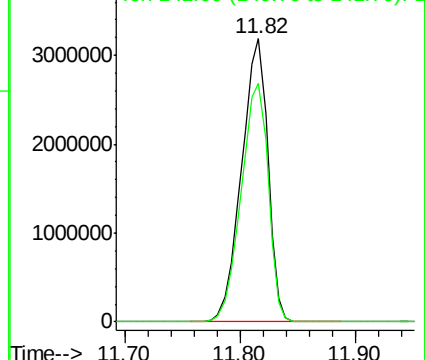
142 100

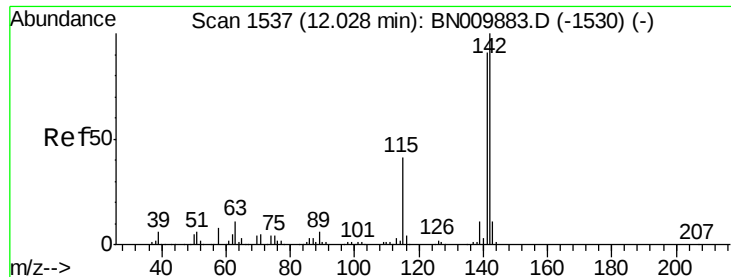
141 84.3 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

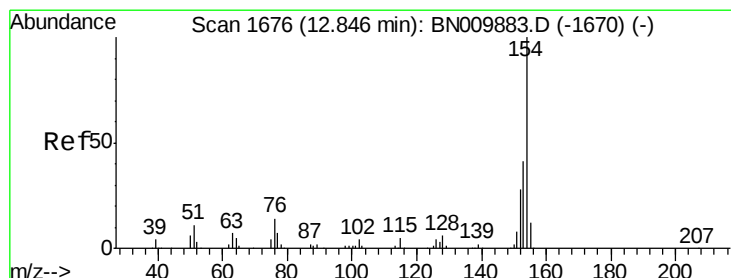
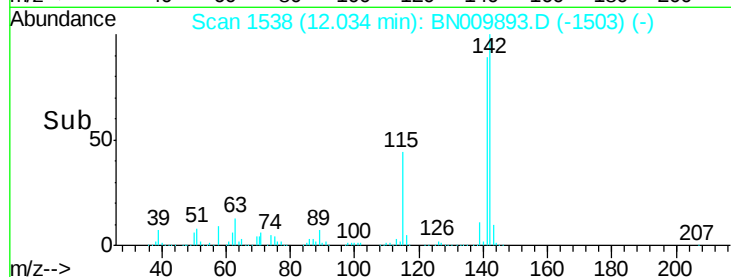
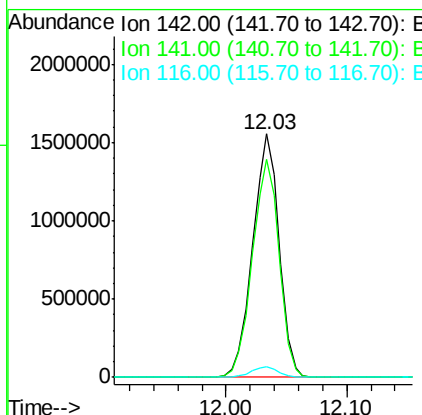
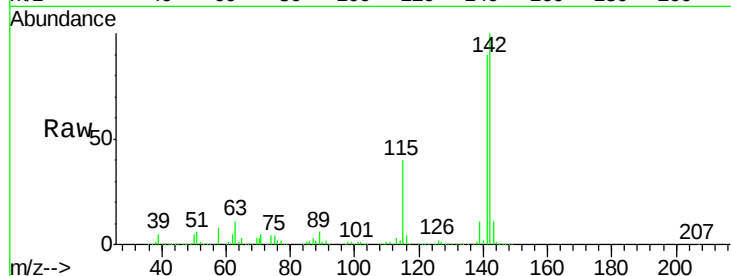




#35
 1-Methylnaphthalene
 Concen: 117.77 ng/uL
 RT: 12.03 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BN009893.D
 Acq: 25 Feb 2020 10:16

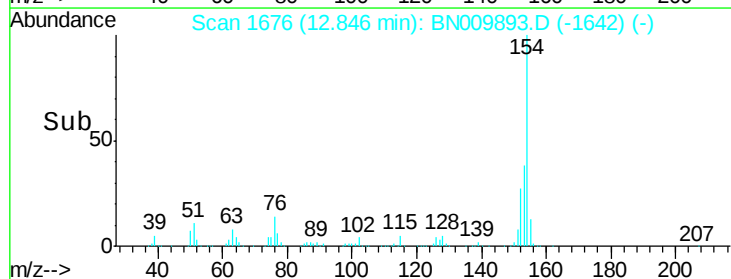
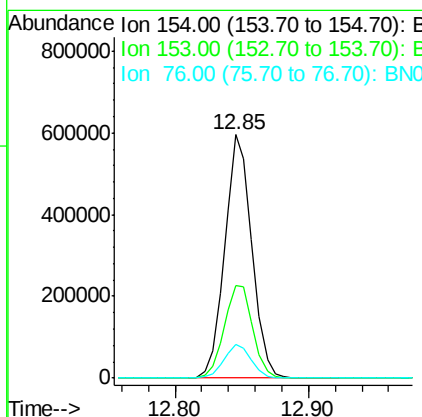
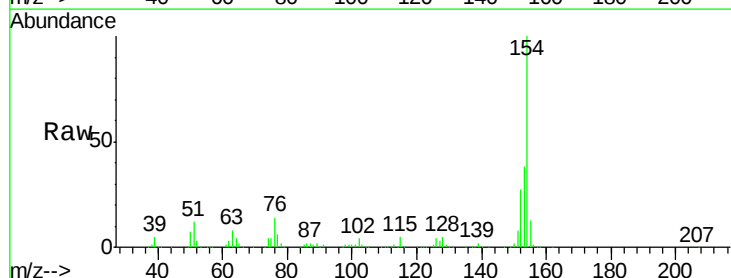
Instrument :
 BNA_N
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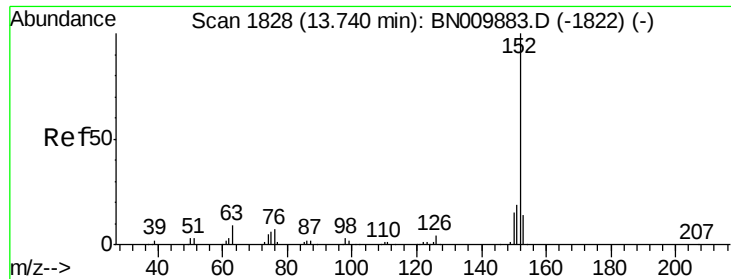
Tgt Ion:142 Resp: 2355853
 Ion Ratio Lower Upper
 142 100
 141 91.3 72.8 109.2
 116 4.3 3.2 4.8



#41
 1,1'-Biphenyl
 Concen: 33.52 ng/uL
 RT: 12.85 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BN009893.D
 Acq: 25 Feb 2020 10:16

Tgt Ion:154 Resp: 844028
 Ion Ratio Lower Upper
 154 100
 153 38.0 33.2 49.8
 76 13.9 11.0 16.4





#48

Acenaphthylene

Concen: 1.59 ng/ul

RT: 13.75 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BN009893.D

Acq: 25 Feb 2020 10:16

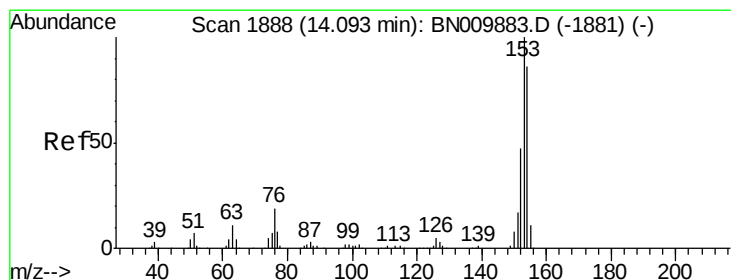
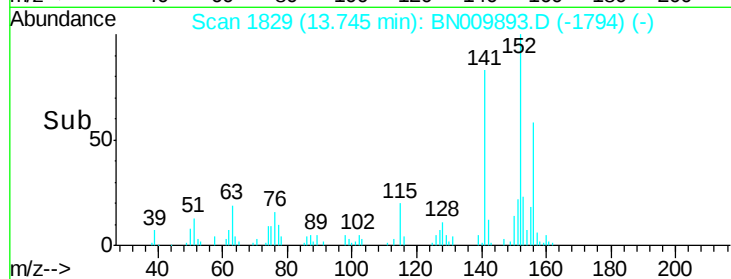
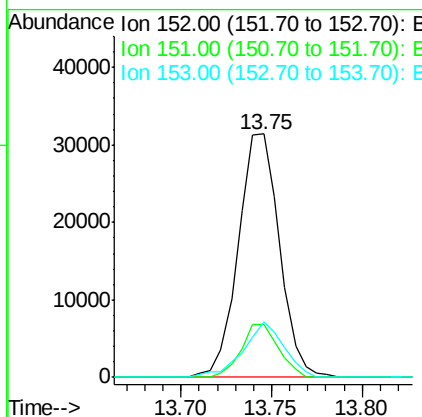
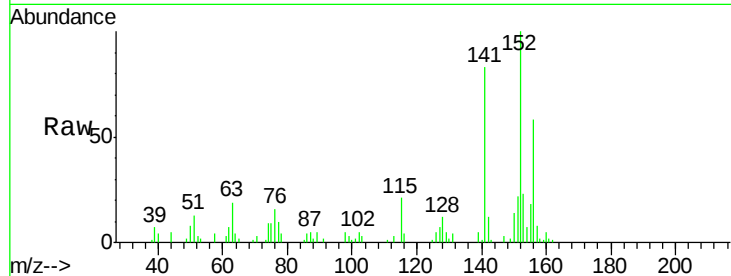
Instrument :

BNA_N

ClientSampleId :

DBDJ7DL

Tgt Ion:	152	Resp:	49667
Ion Ratio	Lower	Upper	
152	100		
151	21.9	15.7	23.5
153	23.0	10.3	15.5#



#50

Acenaphthene

Concen: 131.98 ng/ul

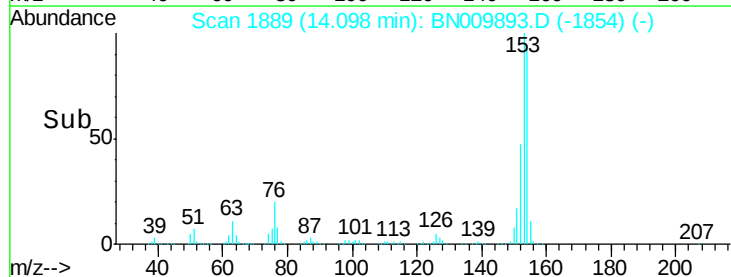
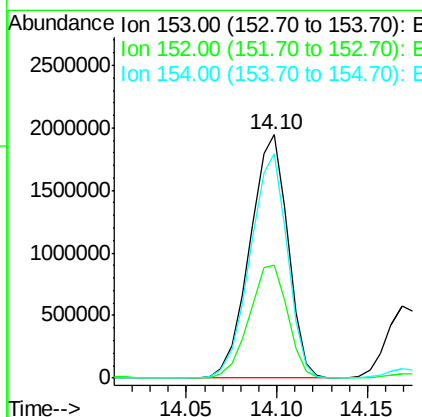
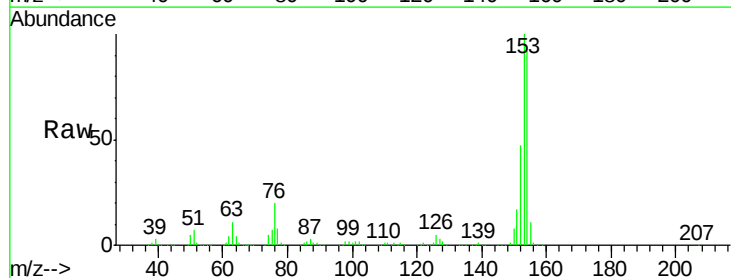
RT: 14.10 min Scan# 1889

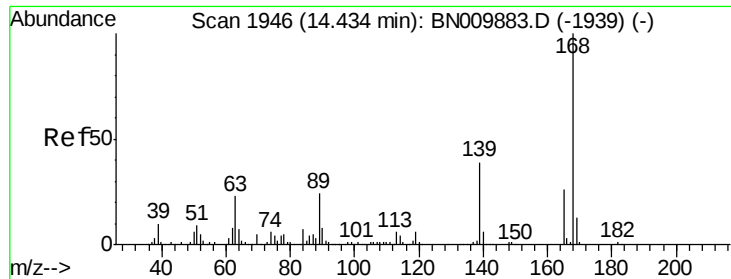
Delta R.T. 0.01 min

Lab File: BN009893.D

Acq: 25 Feb 2020 10:16

Tgt Ion:	153	Resp:	2824662
Ion Ratio	Lower	Upper	
153	100		
152	46.5	36.6	54.8
154	92.3	70.6	106.0





#54

Dibenzenofuran

Concen: 76.16 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BN009893.D

Acq: 25 Feb 2020 10:16

Instrument :

BNA_N

ClientSampleId :

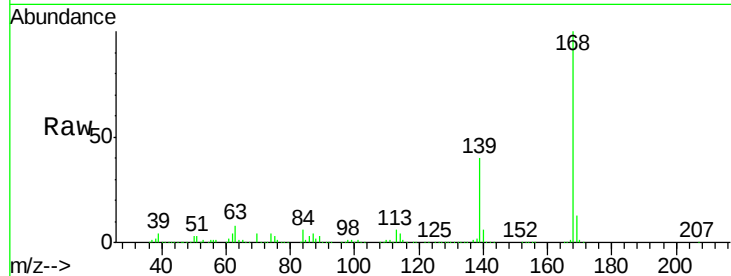
DBDJ7DL

Tgt Ion:168 Resp: 2287623

Ion Ratio Lower Upper

168 100

139 39.6 32.7 49.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

2000000

1500000

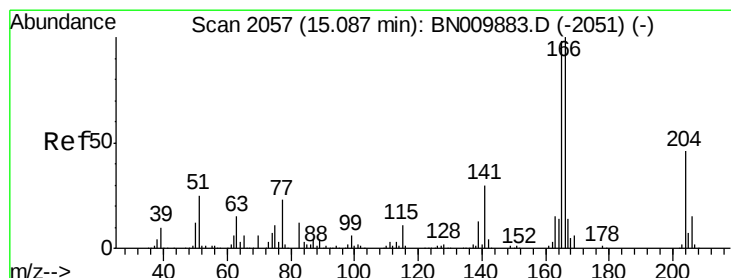
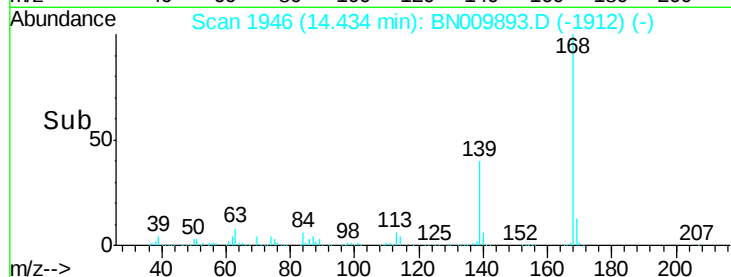
1000000

500000

0

14.35 14.40 14.45 14.50

Time-->



#59

Fluorene

Concen: 52.20 ng/ul

RT: 15.09 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BN009893.D

Acq: 25 Feb 2020 10:16

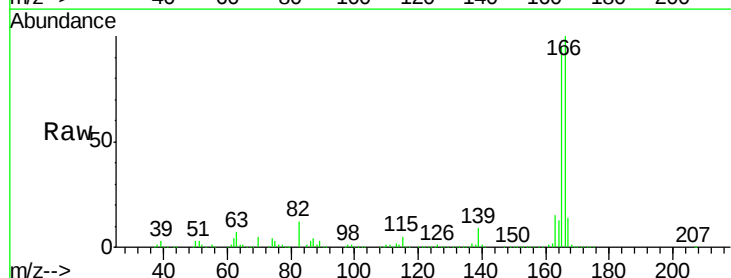
Tgt Ion:166 Resp: 1315971

Ion Ratio Lower Upper

166 100

165 95.4 79.8 119.8

167 14.3 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

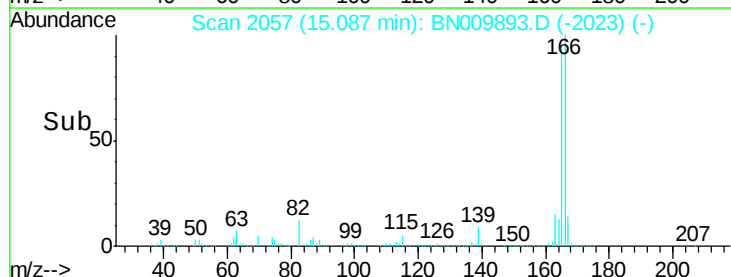
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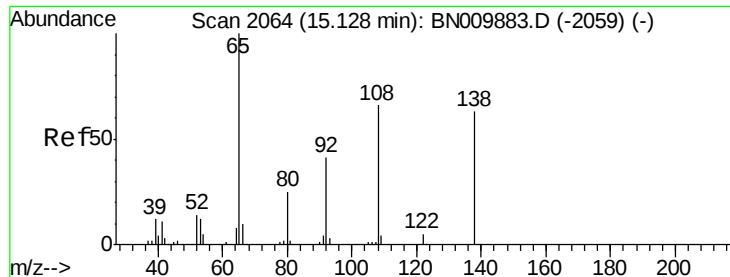
500000

0

15.00 15.05 15.10 15.15

Time-->

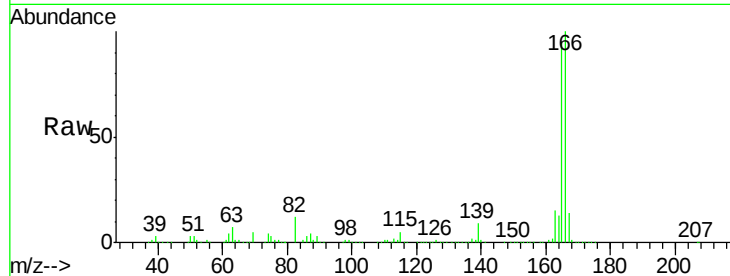




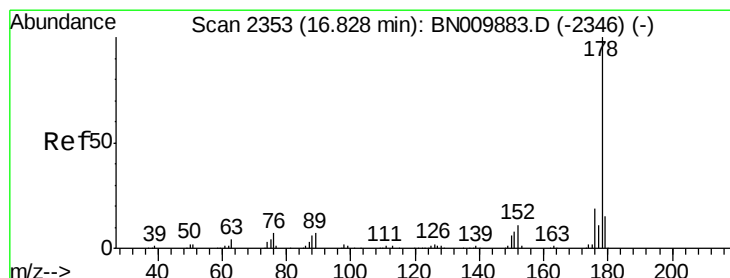
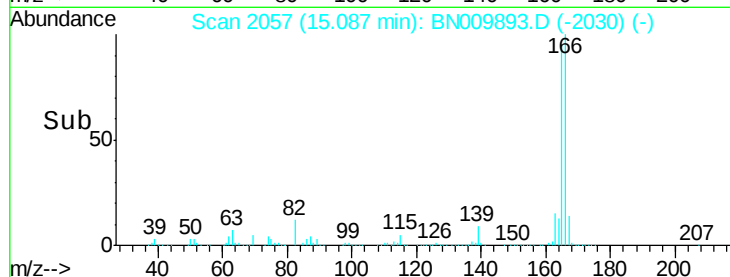
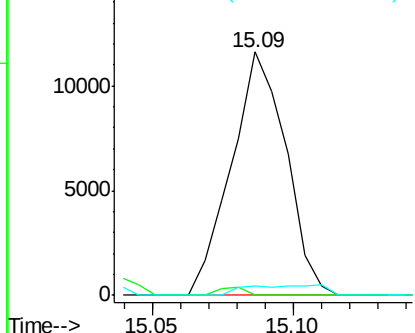
#61
4-Nitroaniline
Concen: 2.77 ng/ul
RT: 15.09 min Scan# 2057
Delta R.T. -0.04 min
Lab File: BN009893.D
Acq: 25 Feb 2020 10:16

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:138 Resp: 15625
Ion Ratio Lower Upper
138 100
92 0.0 47.8 71.6#
108 3.7 72.3 108.5#

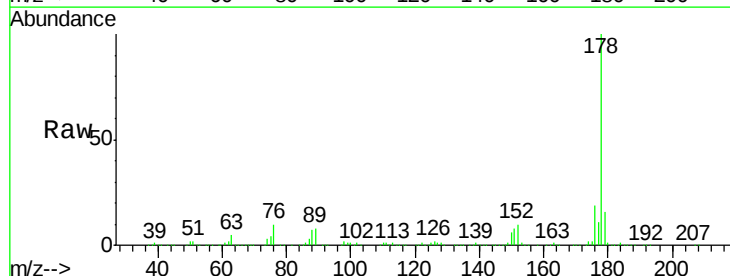


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BNO
Ion 108.00 (107.70 to 108.70): E

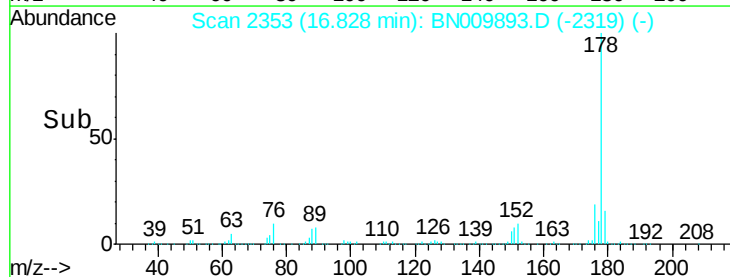
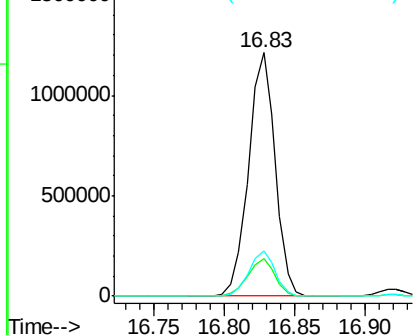


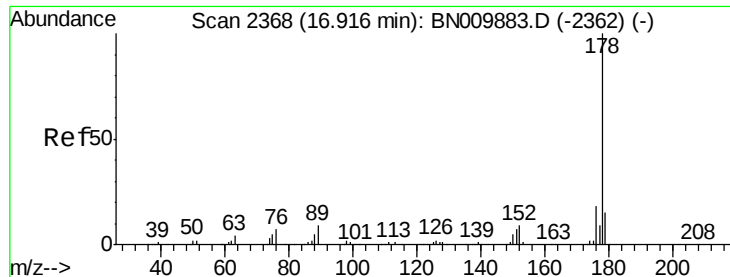
#70
Phenanthrene
Concen: 40.00 ng/ul
RT: 16.83 min Scan# 2353
Delta R.T. -0.00 min
Lab File: BN009893.D
Acq: 25 Feb 2020 10:16

Tgt Ion:178 Resp: 1604509
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 18.5 14.6 22.0



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





#72

Anthracene

Concen: 1.23 ng/ul

RT: 16.92 min Scan# 2368

Delta R.T. -0.00 min

Lab File: BN009893.D

Acq: 25 Feb 2020 10:16

Instrument :

BNA_N

ClientSampleId :

DBDJ7DL

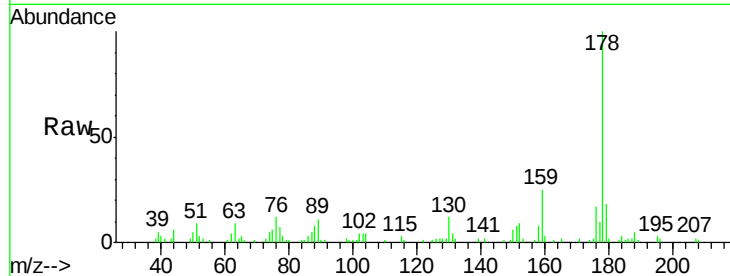
Tgt Ion:178 Resp: 50493

Ion Ratio Lower Upper

178 100

179 18.1 12.2 18.2

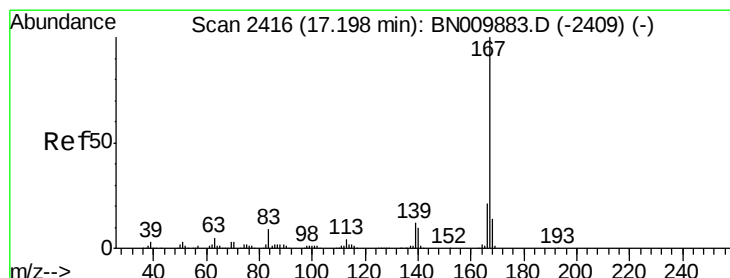
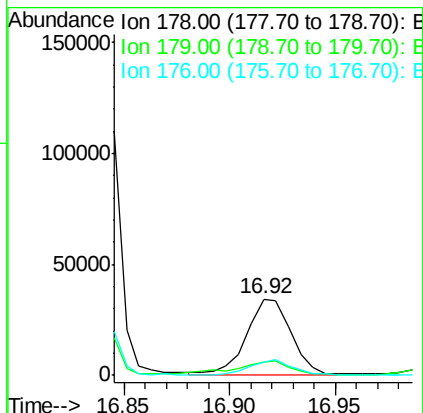
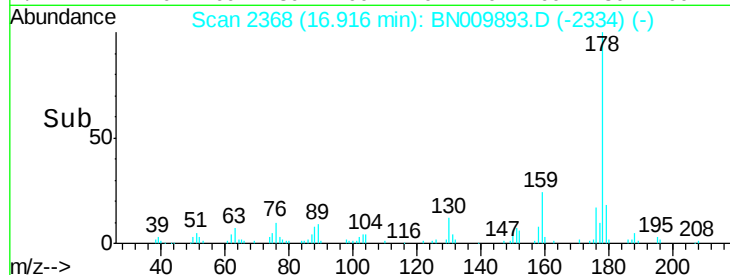
176 17.3 14.6 21.8



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: 78.87 ng/ul

RT: 17.20 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BN009893.D

Acq: 25 Feb 2020 10:16

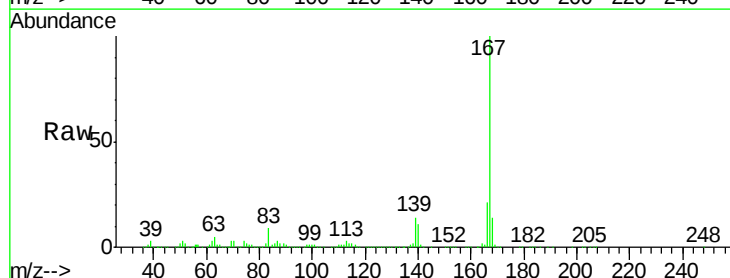
Tgt Ion:167 Resp: 2848074

Ion Ratio Lower Upper

167 100

166 21.3 16.6 24.8

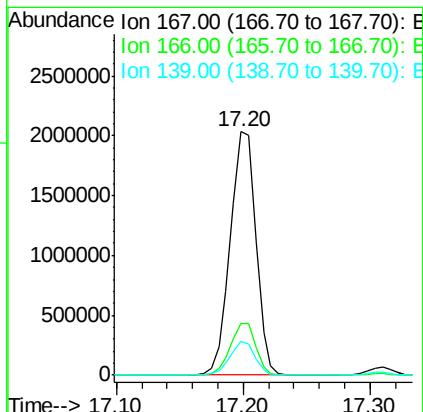
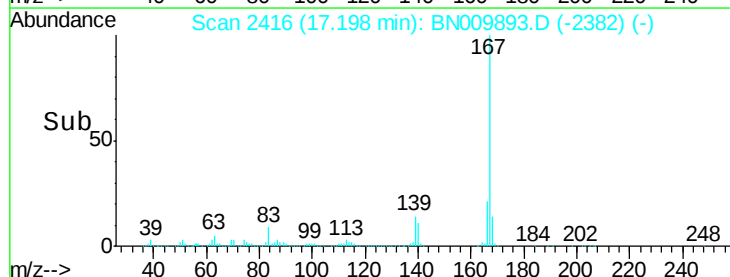
139 13.8 9.9 14.9

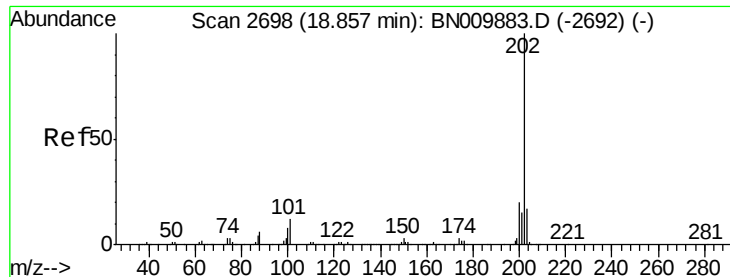


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 2.57 ng/ul

RT: 18.86 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BN009893.D

Acq: 25 Feb 2020 10:16

Instrument :

BNA_N

ClientSampleId :

DBDJ7DL

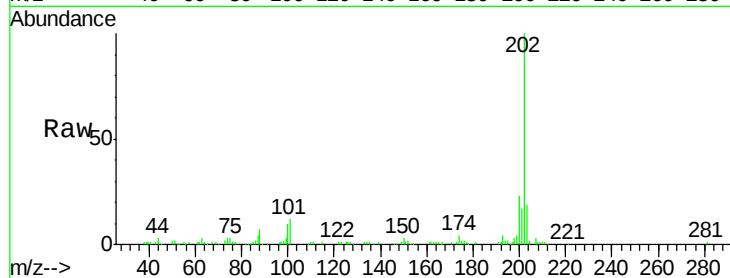
Tgt Ion:202 Resp: 120964

Ion Ratio Lower Upper

202 100

101 12.0 9.4 14.2

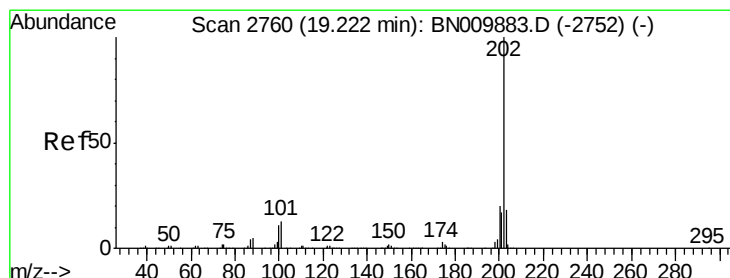
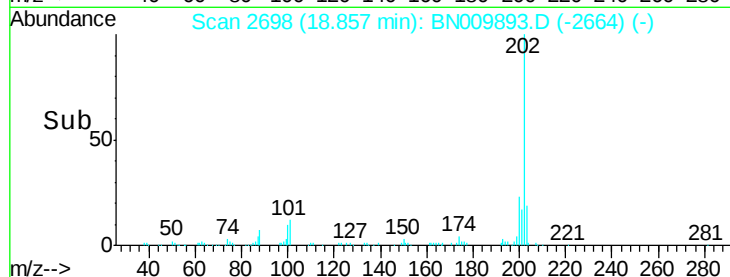
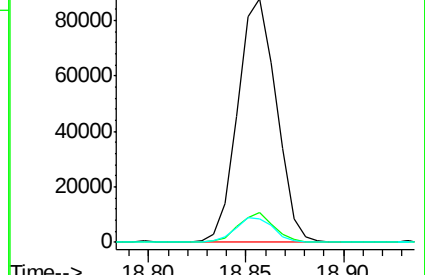
100 9.9 7.2 10.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 1.50 ng/ul

RT: 19.22 min Scan# 2760

Delta R.T. -0.00 min

Lab File: BN009893.D

Acq: 25 Feb 2020 10:16

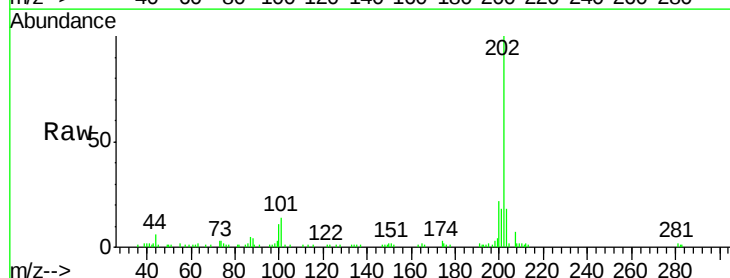
Tgt Ion:202 Resp: 76050

Ion Ratio Lower Upper

202 100

101 13.8 11.3 16.9

100 10.7 9.0 13.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

