

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
 Data File : BN009898.D
 Acq On : 25 Feb 2020 13:17
 Operator : CG/JU
 Sample : L1582-07DL2 30X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBDJ9DL2

Quant Time: Feb 25 14:01:23 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	87695	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	365920	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	226025	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	498137	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	507143	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	519502	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.64	99	116	0.02	ng/ul	0.05
7) Bis-(2-Chloroethyl)ether-d	6.76	67	4303	0.84	ng/ul	0.02
9) 2-Chlorophenol-d4	6.94	132	3388	0.60	ng/ul	0.01
13) 4-Methylphenol-d8	8.14	113	1113	0.19	ng/ul	0.04
19) Nitrobenzene-d5	8.55	128	1039	0.39	ng/ul	0.02
22) 2-Nitrophenol-d4	9.26	143	1634	0.56	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.82	165	2503	0.44	ng/ul	0.05
29) 4-Chloroaniline-d4	10.29	131	135	0.02	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	18127	1.07	ng/ul	0.01
47) Acenaphthylene-d8	13.72	160	19529	0.98	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.03	176	16164	1.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	288	0.09	ng/ul	0.03
71) Anthracene-d10	16.89	188	25462	1.12	ng/ul	0.00
79) Pyrene-d10	19.20	212	28743	1.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	27135	1.05	ng/ul	0.00

Target Compounds

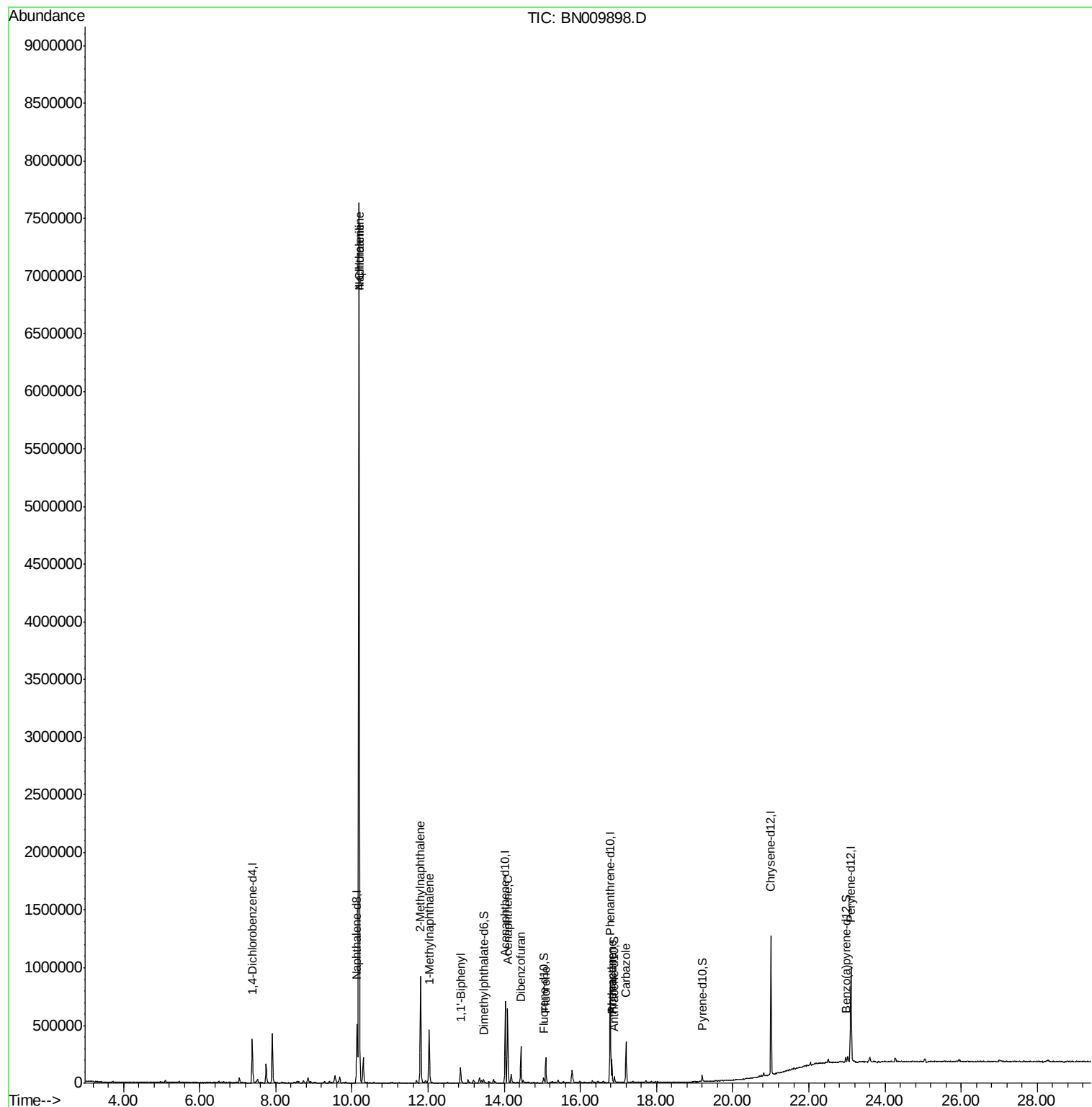
						Qvalue
28) Naphthalene	10.19	128	5262880	266.71	ng/ul	99
30) 4-Chloroaniline	10.19	127	693427	107.05	ng/ul#	4
34) 2-Methylnaphthalene	11.80	142	409750	29.91	ng/ul	95
35) 1-Methylnaphthalene	12.03	142	203663	14.83	ng/uL	99
41) 1,1'-Biphenyl	12.85	154	66945	3.86	ng/ul	98
50) Acenaphthene	14.09	153	241285	16.35	ng/ul	96
54) Dibenzofuran	14.43	168	180046	8.69	ng/ul	98
59) Fluorene	15.09	166	91665	5.27	ng/ul	98
70) Phenanthrene	16.83	178	113212	3.98	ng/ul	98
72) Anthracene	16.83	178	113212	3.90	ng/ul	98
75) Carbazole	17.20	167	204867	8.00	ng/ul	98

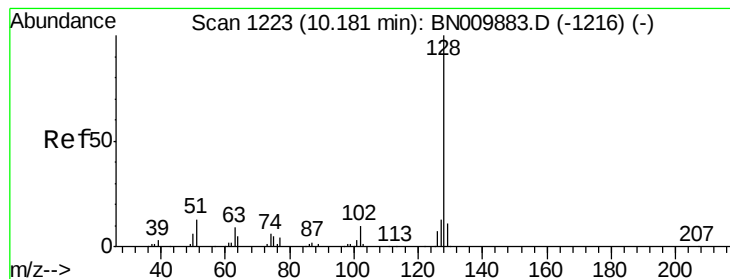
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009898.D
Acq On : 25 Feb 2020 13:17
Operator : CG/JU
Sample : L1582-07DL2 30X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBDJ9DL2

Quant Time: Feb 25 14:01:23 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





#28

Naphthalene

Concen: 266.71 ng/ul

RT: 10.19 min Scan# 1224

Delta R.T. 0.01 min

Lab File: BN009898.D

Acq: 25 Feb 2020 13:17

Instrument :

BNA_N

ClientSampleId :

DBDJ9DL2

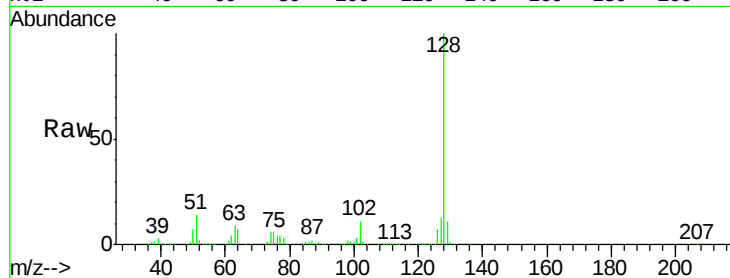
Tgt Ion:128 Resp: 5262880

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

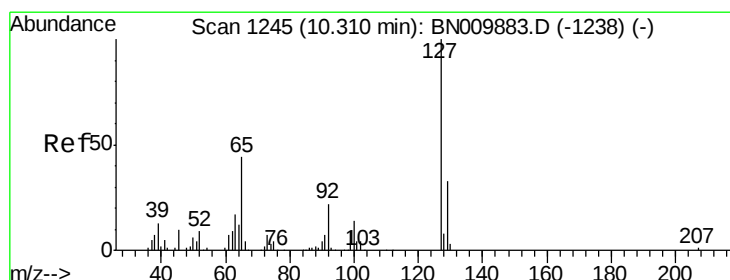
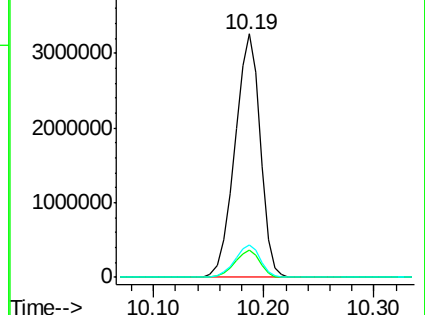
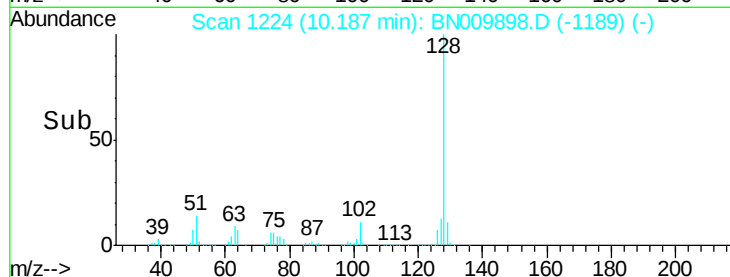
127 13.3 10.3 15.5



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



#30

4-Chloroaniline

Concen: 107.05 ng/ul

RT: 10.19 min Scan# 1224

Delta R.T. -0.12 min

Lab File: BN009898.D

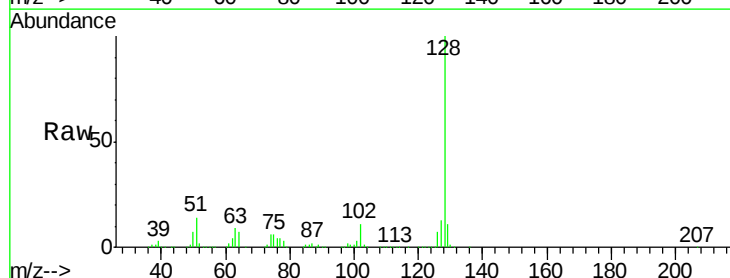
Acq: 25 Feb 2020 13:17

Tgt Ion:127 Resp: 693427

Ion Ratio Lower Upper

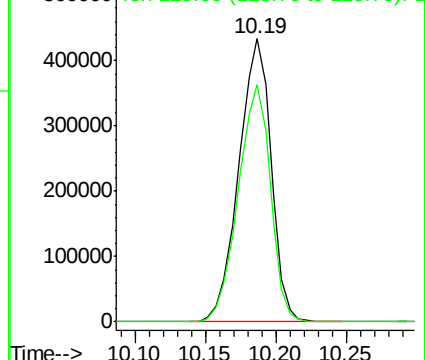
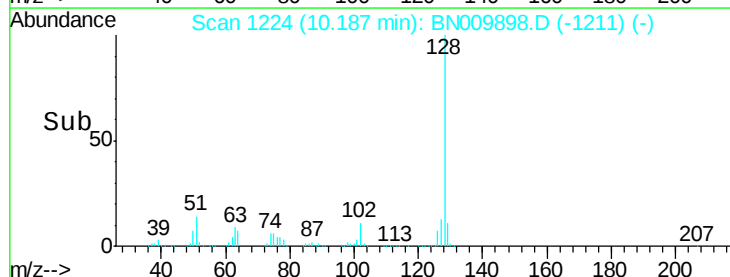
127 100

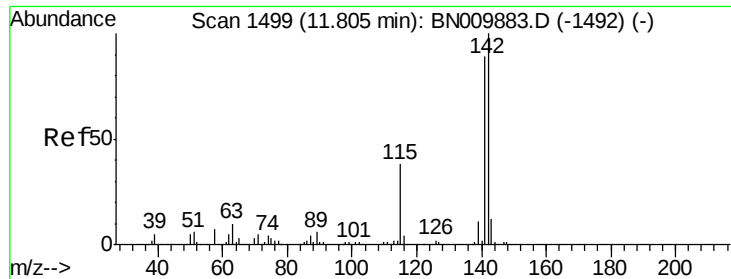
129 83.7 24.8 37.2#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

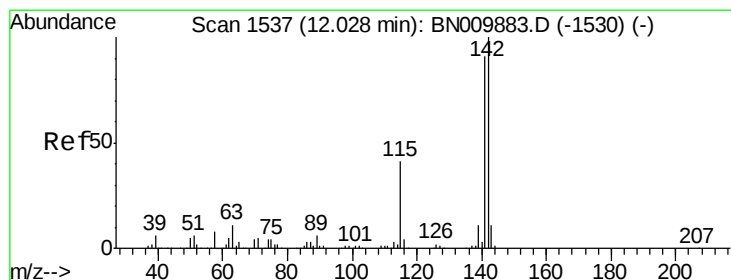
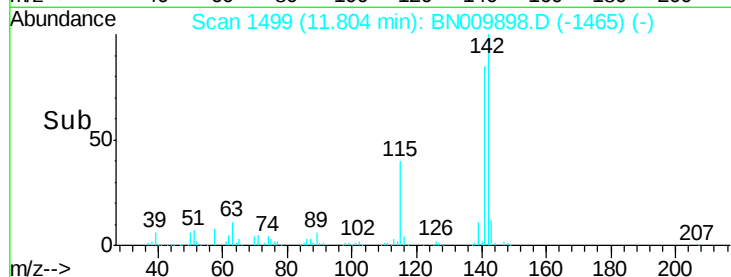
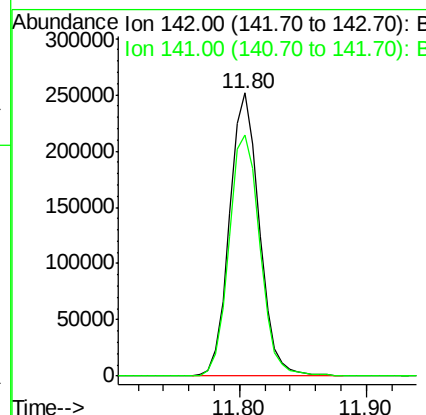
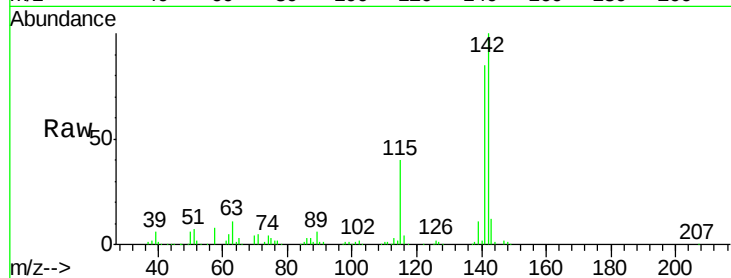




#34
 2-Methylnaphthalene
 Concen: 29.91 ng/uL
 RT: 11.80 min Scan# 1499
 Delta R.T. -0.00 min
 Lab File: BN009898.D
 Acq: 25 Feb 2020 13:17

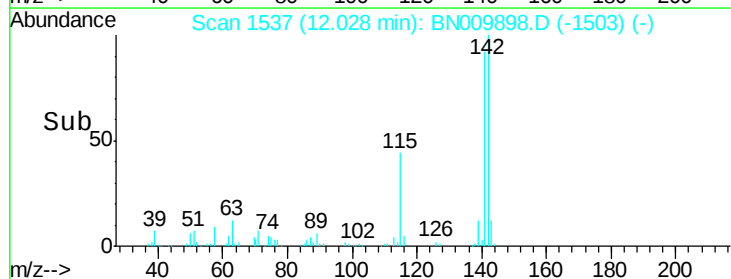
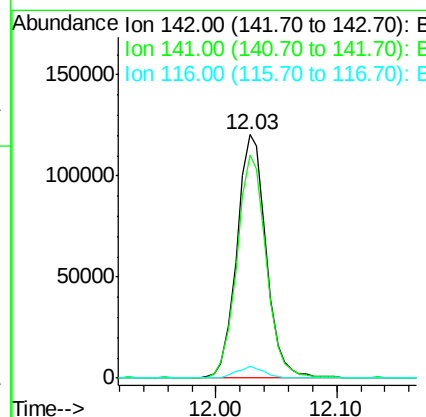
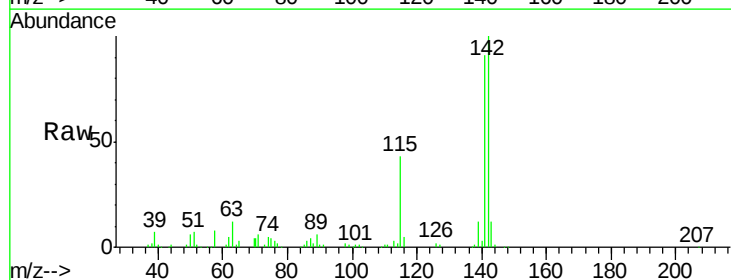
Instrument :
 BNA_N
 ClientSampleId :
 DBDJ9DL2

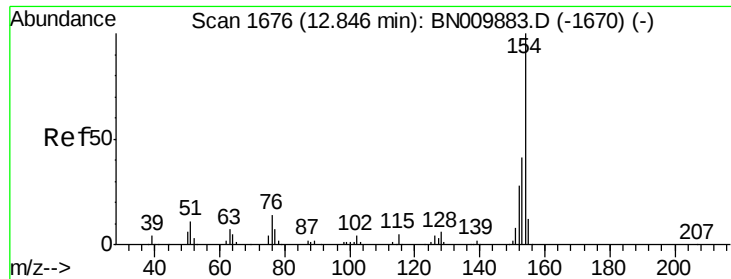
Tgt Ion:142 Resp: 409750
 Ion Ratio Lower Upper
 142 100
 141 85.3 72.1 108.1



#35
 1-Methylnaphthalene
 Concen: 14.83 ng/uL
 RT: 12.03 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BN009898.D
 Acq: 25 Feb 2020 13:17

Tgt Ion:142 Resp: 203663
 Ion Ratio Lower Upper
 142 100
 141 92.0 72.8 109.2
 116 4.2 3.2 4.8

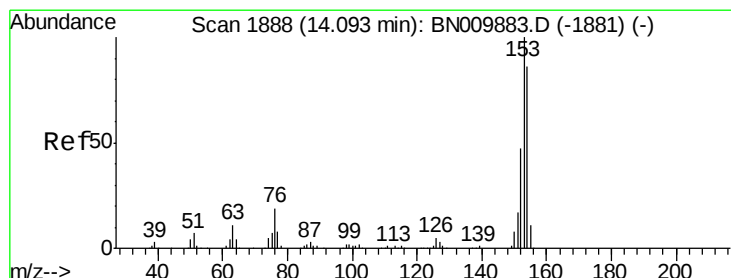
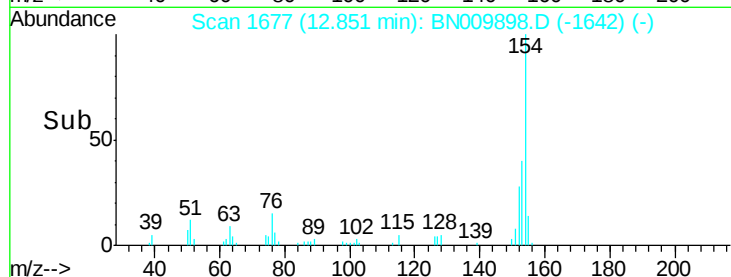
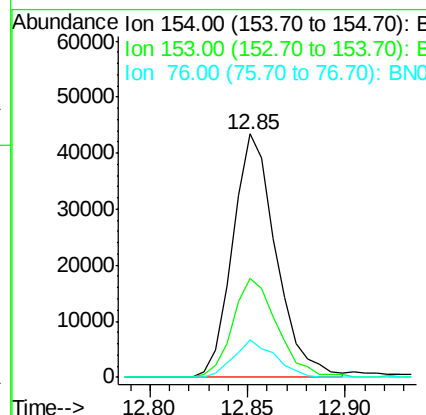
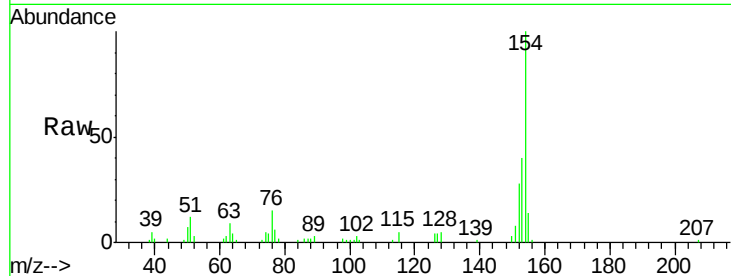




#41
1,1'-Biphenyl
Concen: 3.86 ng/ul
RT: 12.85 min Scan# 1677
Delta R.T. 0.01 min
Lab File: BN009898.D
Acq: 25 Feb 2020 13:17

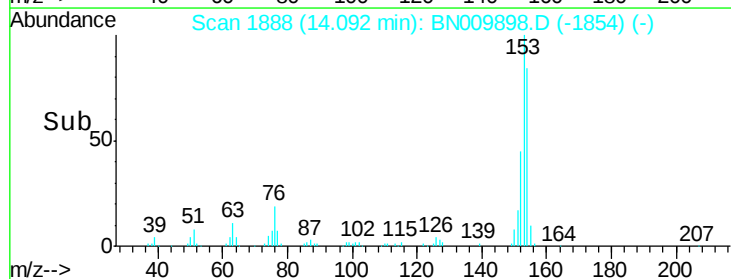
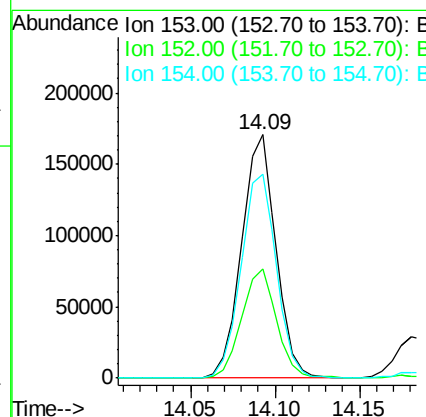
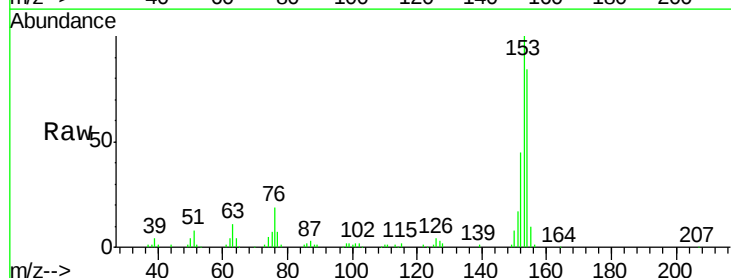
Instrument :
BNA_N
ClientSampleId :
DBDJ9DL2

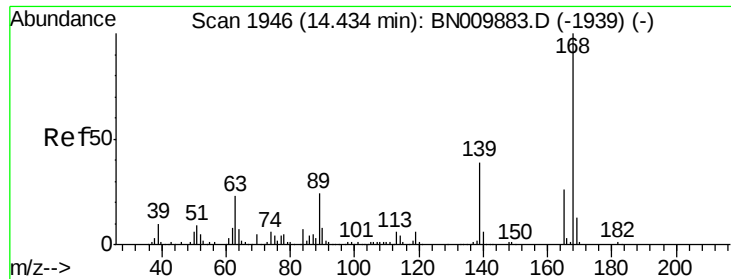
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	33.2	49.8
76	15.2	11.0	16.4



#50
Acenaphthene
Concen: 16.35 ng/ul
RT: 14.09 min Scan# 1888
Delta R.T. -0.00 min
Lab File: BN009898.D
Acq: 25 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.0	36.6	54.8
154	83.8	70.6	106.0





#54

Dibenzenofuran

Concen: 8.69 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BN009898.D

Acq: 25 Feb 2020 13:17

Instrument :

BNA_N

ClientSampleId :

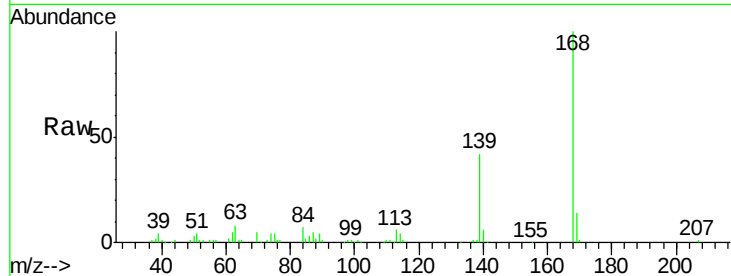
DBDJ9DL2

Tgt Ion:168 Resp: 180046

Ion Ratio Lower Upper

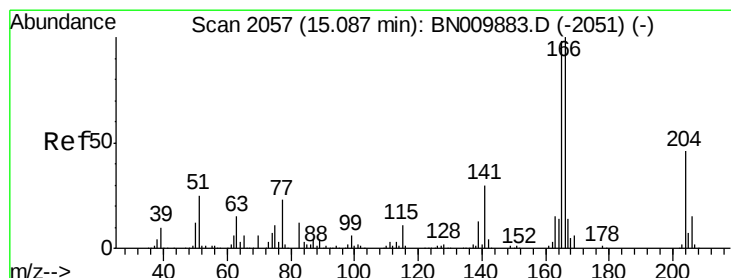
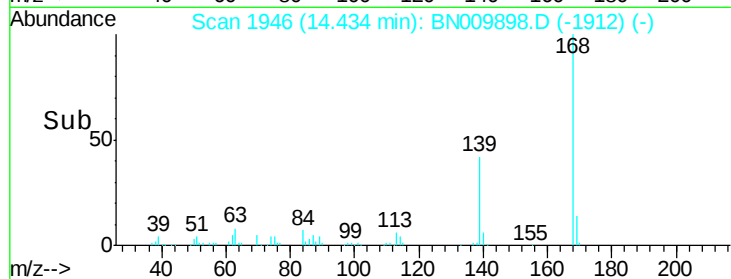
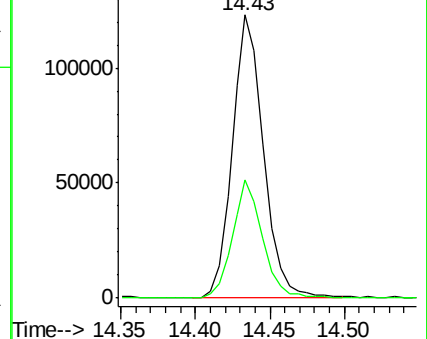
168 100

139 41.9 32.7 49.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 5.27 ng/ul

RT: 15.09 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BN009898.D

Acq: 25 Feb 2020 13:17

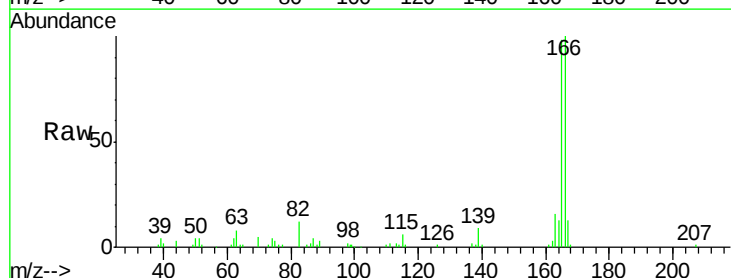
Tgt Ion:166 Resp: 91665

Ion Ratio Lower Upper

166 100

165 97.6 79.8 119.8

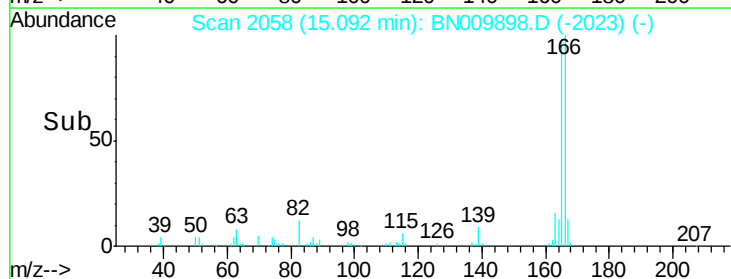
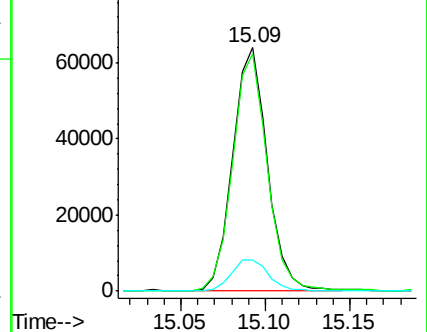
167 12.8 10.7 16.1

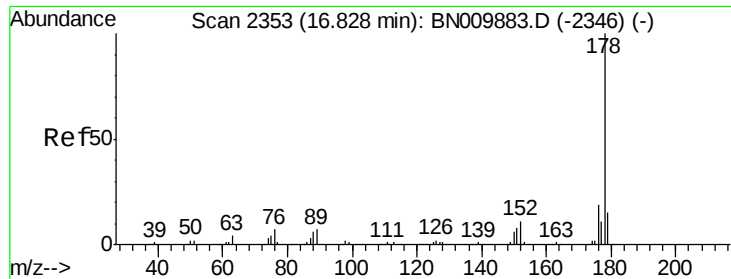


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 3.98 ng/ul

RT: 16.83 min Scan# 2353

Delta R.T. -0.00 min

Lab File: BN009898.D

Acq: 25 Feb 2020 13:17

Instrument :

BNA_N

ClientSampleId :

DBDJ9DL2

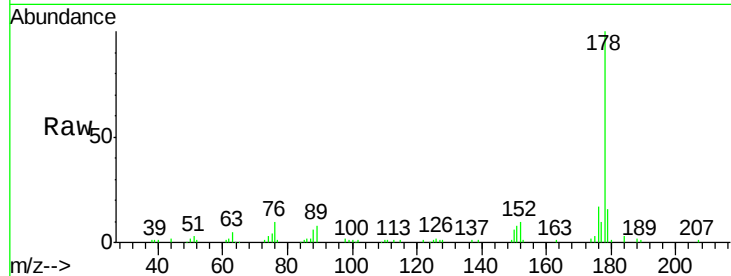
Tgt Ion:178 Resp: 113212

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

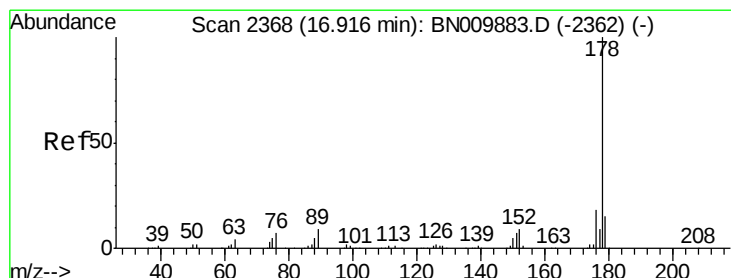
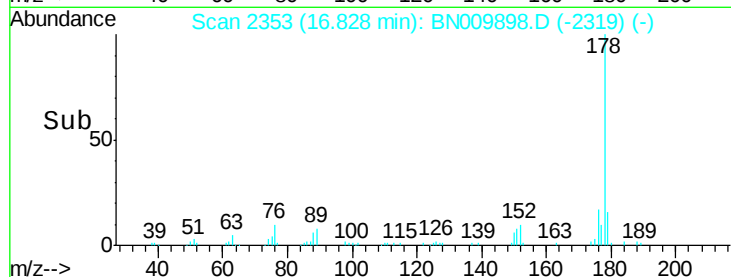
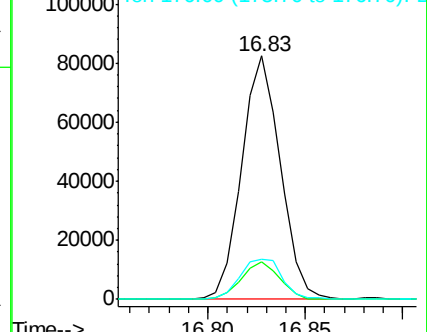
176 16.6 14.6 22.0



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: 3.90 ng/ul

RT: 16.83 min Scan# 2353

Delta R.T. -0.09 min

Lab File: BN009898.D

Acq: 25 Feb 2020 13:17

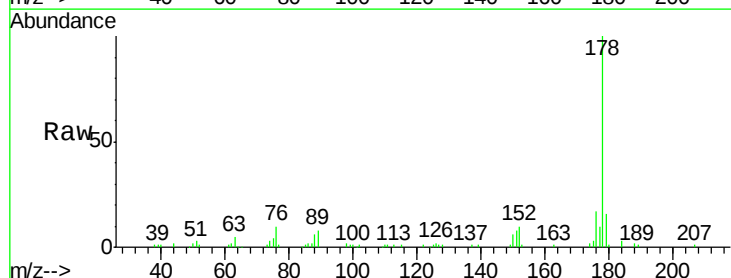
Tgt Ion:178 Resp: 113212

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

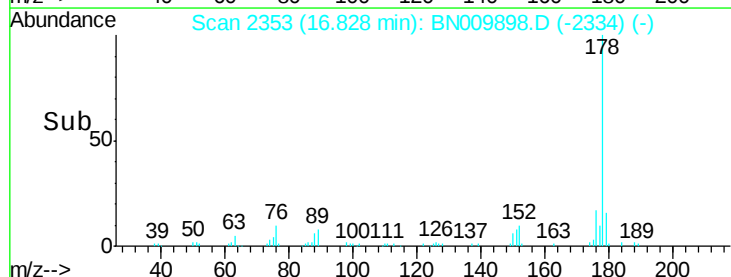
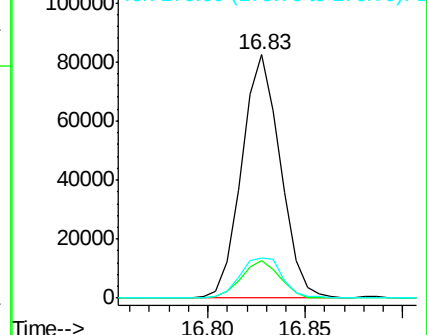
176 16.6 14.6 21.8

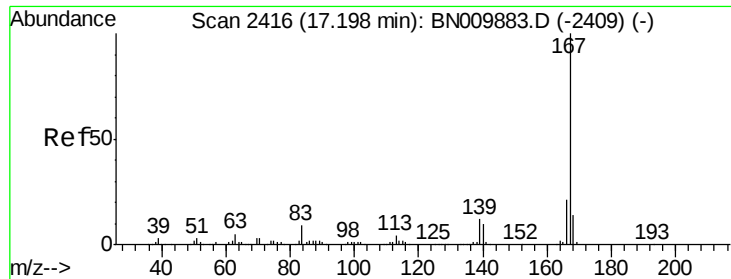


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

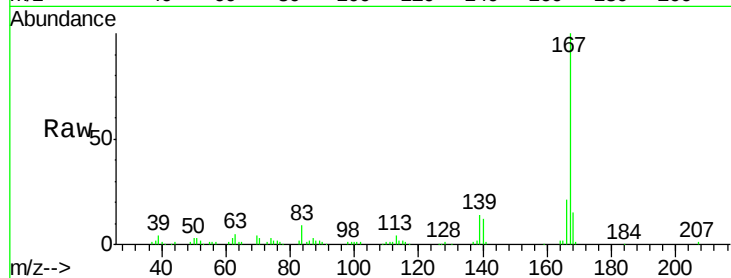




#75
 Carbazole
 Concen: 8.00 ng/ul
 RT: 17.20 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BN009898.D
 Acq: 25 Feb 2020 13:17

Instrument :
 BNA_N
 ClientSampleId :
 DBDJ9DL2

Tgt Ion:	167	Resp:	204867
Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.6	24.8
139	13.6	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

