

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
 Data File : BN007810.D
 Acq On : 23 Sep 2019 20:18
 Operator : HP/JU
 Sample : K4895-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPDF5

Quant Time: Sep 24 10:55:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 23 15:18:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	535274	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	2198845	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	1423414	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	3109740	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	3399141	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	3750974	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	18134	1.29	ng/uL	0.01
5) Phenol-d5	6.86	99	312658	6.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	769676	26.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	799007	22.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	546603	14.07	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	475633	29.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	470376	30.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	935533	26.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	1325969	28.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	3584170	31.64	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	3758108	28.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	120499	5.98	ng/ul	0.00
57) Fluorene-d10	15.31	176	3061444	31.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	452501	26.96	ng/ul	0.00
70) Anthracene-d10	17.16	188	5397134	34.87	ng/ul	0.00
78) Pyrene-d10	19.46	212	6647817	36.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	7337593	37.60	ng/ul	0.00

Target Compounds

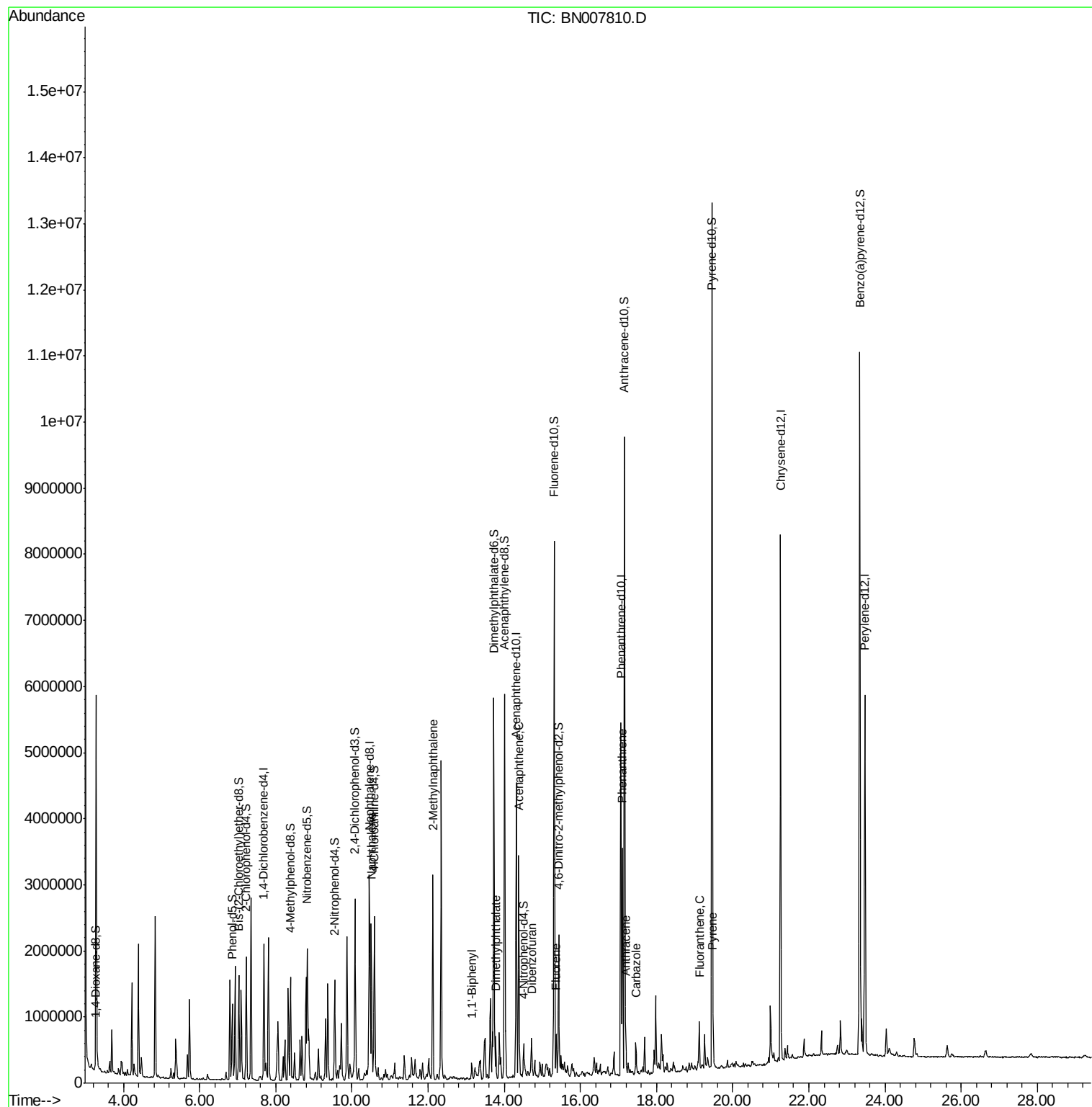
					Ovalue
28) Naphthalene	10.51	128	1598754	12.894	ng/ul 99
34) 2-Methylnaphthalene	12.13	142	1462767	16.338	ng/ul 98
40) 1,1'-Biphenyl	13.15	154	116730	1.011	ng/ul 99
44) Dimethylphthalate	13.77	163	382665	3.314	ng/ul 98
49) Acenaphthene	14.38	153	1246190	12.965	ng/ul 95
53) Dibenzofuran	14.72	168	235546	1.689	ng/ul 99
58) Fluorene	15.37	166	255285	2.275	ng/ul 98
69) Phenanthrene	17.10	178	2002583	10.859	ng/ul 99
71) Anthracene	17.19	178	430178	2.331	ng/ul 100
74) Carbazole	17.46	167	287764	1.843	ng/ul 99
76) Fluoranthene	19.12	202	398479	1.970	ng/ul 97
79) Pyrene	19.49	202	398370	1.760	ng/ul 99

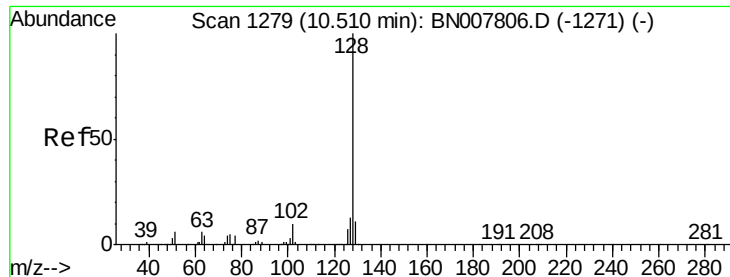
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 12.894 ng/ul

RT: 10.51 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BN007810.D

Acq: 23 Sep 2019 20:18

Instrument :

BNA_N

ClientSampleId :

BDF5

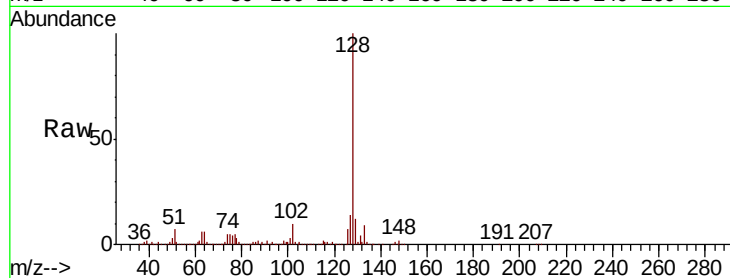
Tot Ion:128 Resp: 1598754

Ion Ratio Lower Upper

128 100

129 11.9 9.0 13.4

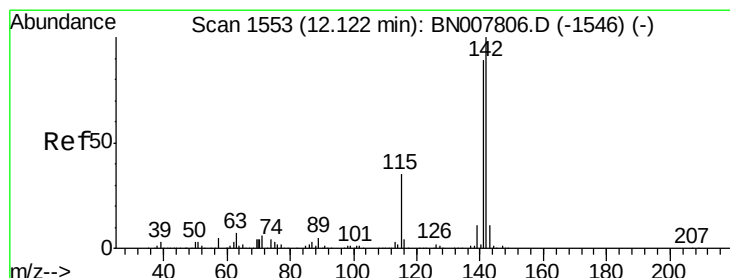
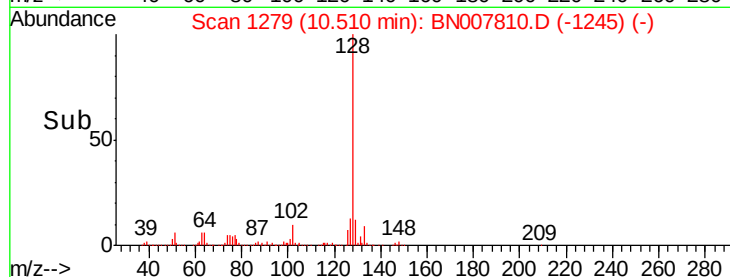
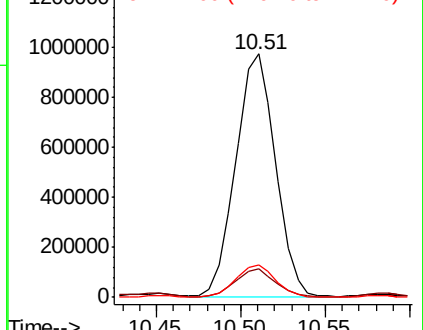
127 13.5 11.0 16.4



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: 16.338 ng/ul

RT: 12.13 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BN007810.D

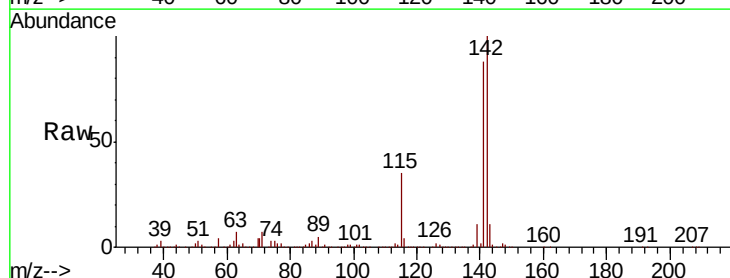
Acq: 23 Sep 2019 20:18

Tgt Ion:142 Resp: 1462767

Ion Ratio Lower Upper

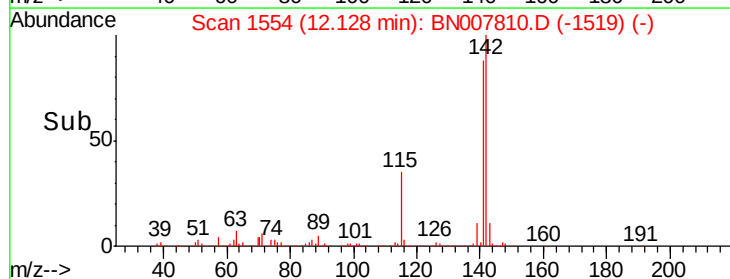
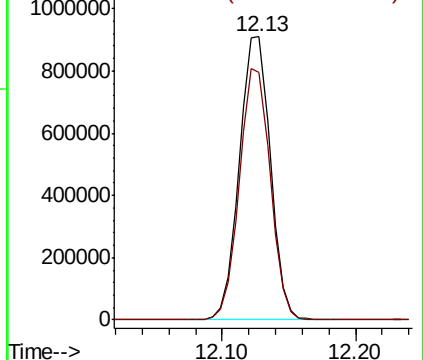
142 100

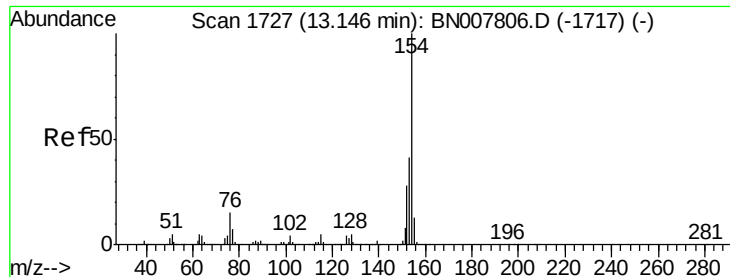
141 87.6 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

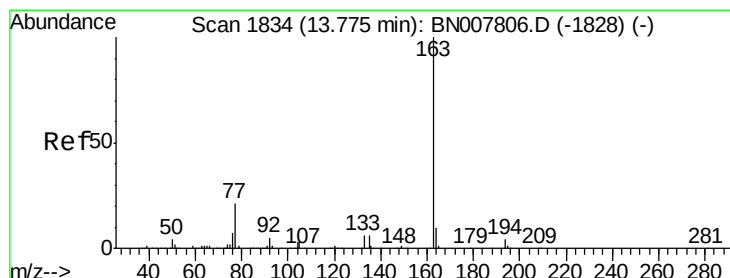
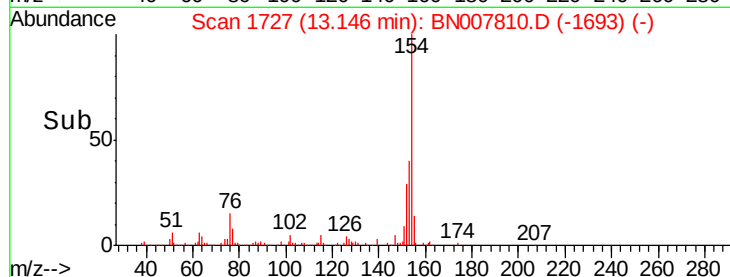
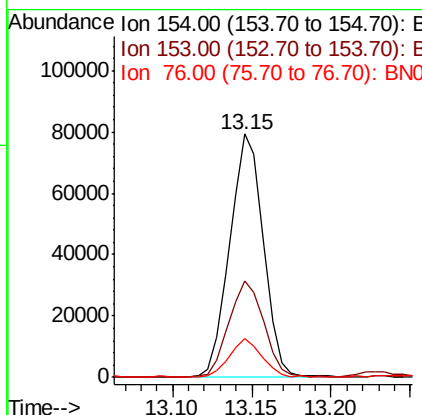
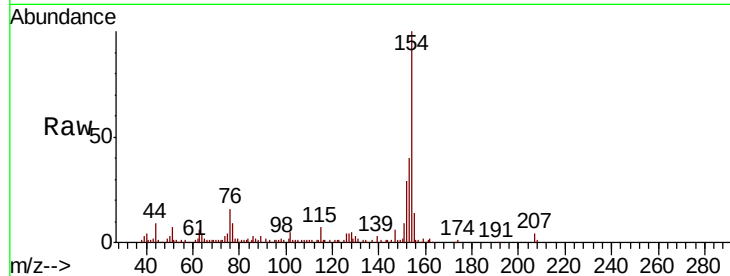




#40
 1,1'-Biphenyl
 Concen: 1.011 ng/ul
 RT: 13.15 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: BN007810.D
 Acq: 23 Sep 2019 20:18

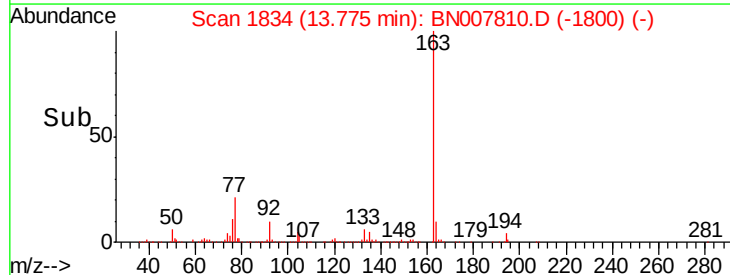
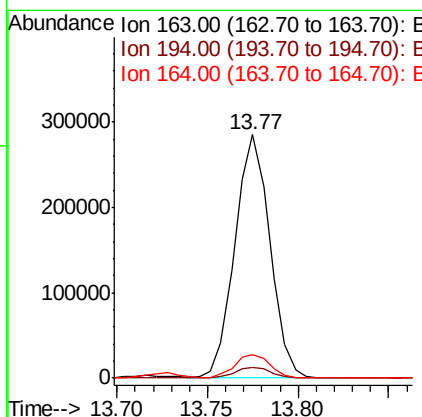
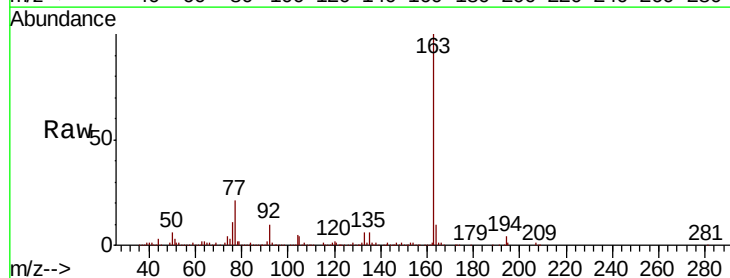
Instrument :
 BNA_N
 ClientSampleId :
 BPDF5

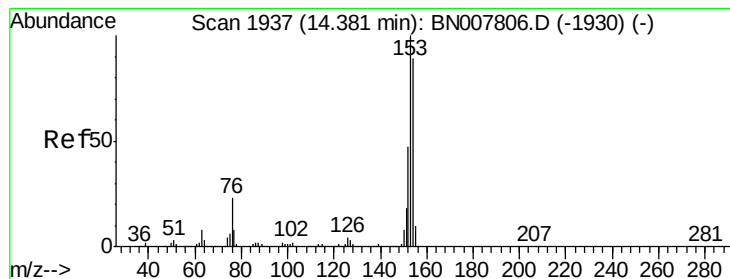
Tot Ion:154	Resp:	116730
Ion Ratio	Lower	Upper
154	100	
153	39.6	31.9 47.9
76	15.9	12.9 19.3



#44
 Dimethylphthalate
 Concen: 3.314 ng/ul
 RT: 13.77 min Scan# 1834
 Delta R.T. 0.00 min
 Lab File: BN007810.D
 Acq: 23 Sep 2019 20:18

Tgt Ion:163	Resp:	382665
Ion Ratio	Lower	Upper
163	100	
194	4.3	3.4 5.2
164	9.6	8.4 12.6





#49

Acenaphthene

Concen: 12.965 ng/ul

RT: 14.38 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BN007810.D

Acq: 23 Sep 2019 20:18

Instrument :

BNA_N

ClientSampleId :

BDF5

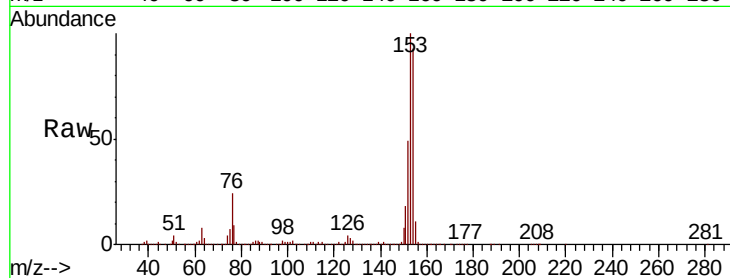
Tot Ion:153 Resp: 1246190

Ion Ratio Lower Upper

153 100

152 49.2 37.8 56.8

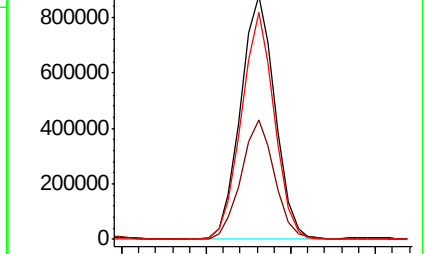
154 93.0 70.3 105.5



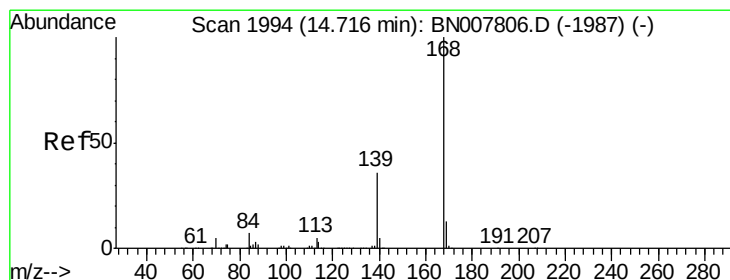
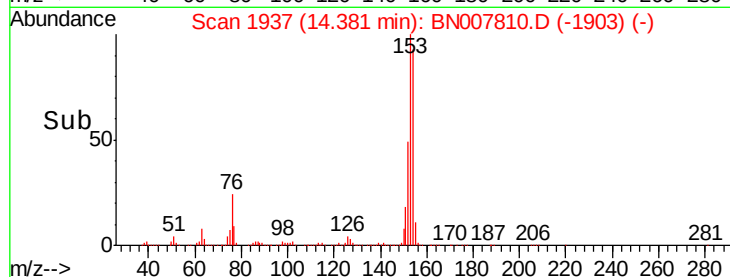
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time--> 14.30 14.35 14.40 14.45



#53

Dibenzofuran

Concen: 1.689 ng/ul

RT: 14.72 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BN007810.D

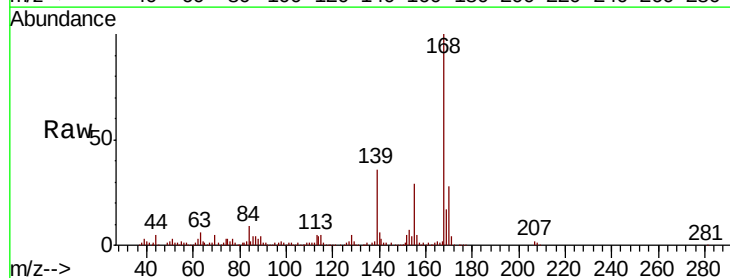
Acq: 23 Sep 2019 20:18

Tgt Ion:168 Resp: 235546

Ion Ratio Lower Upper

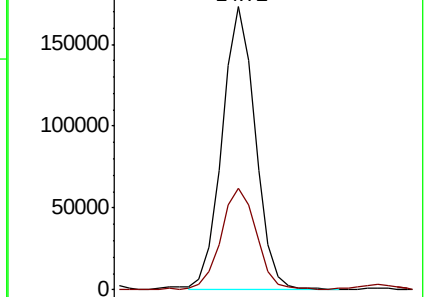
168 100

139 35.8 29.1 43.7

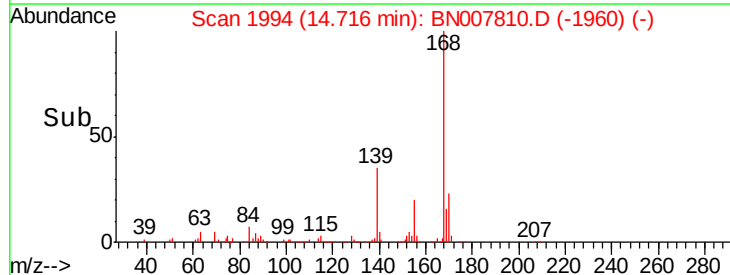


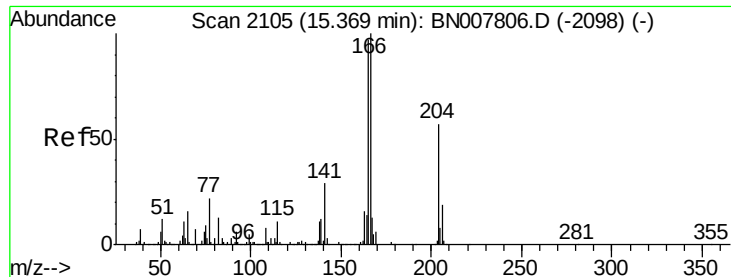
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 14.65 14.70 14.75 14.80





#58

Fluorene

Concen: 2.275 ng/ul

RT: 15.37 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BN007810.D

Acq: 23 Sep 2019 20:18

Instrument :

BNA_N

ClientSampleId :

BDF5

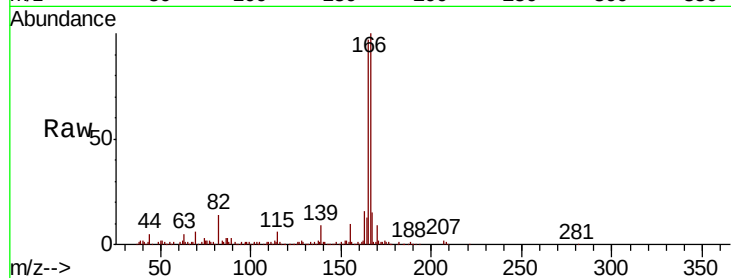
Tot Ion:166 Resp: 255285

Ion Ratio Lower Upper

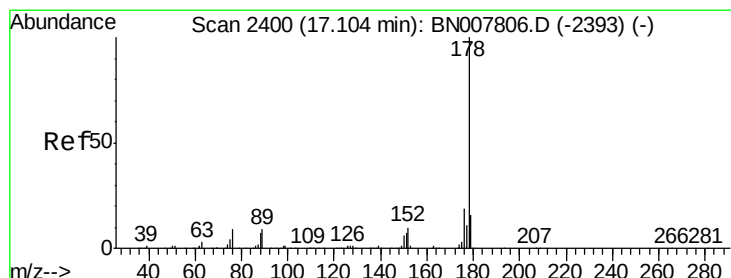
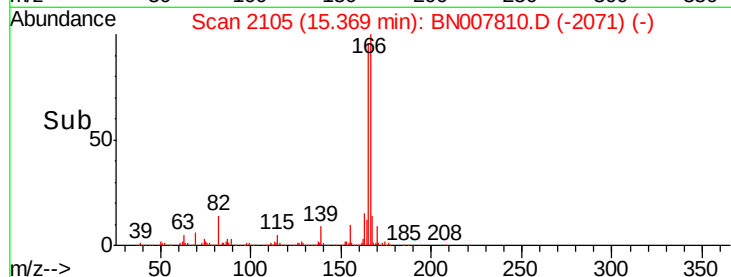
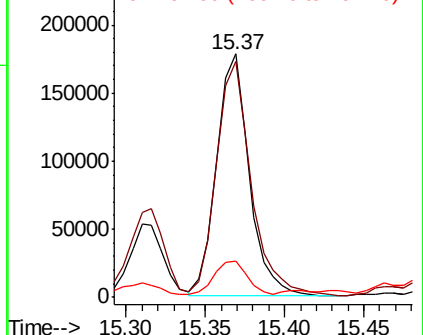
166 100

165 97.0 78.6 118.0

167 14.7 10.8 16.2



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



#69

Phenanthrene

Concen: 10.859 ng/ul

RT: 17.10 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BN007810.D

Acq: 23 Sep 2019 20:18

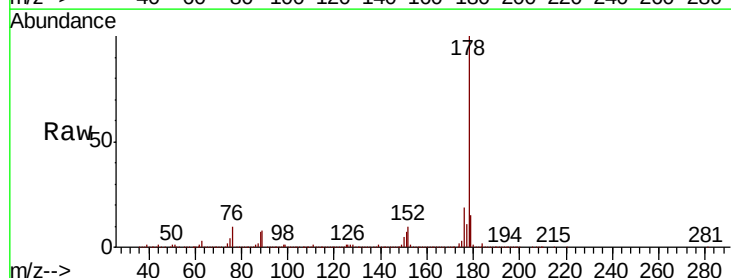
Tgt Ion:178 Resp: 2002583

Ion Ratio Lower Upper

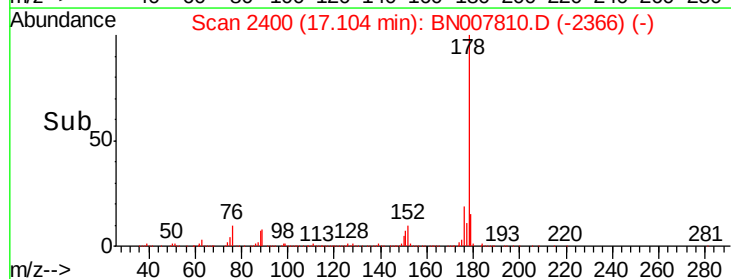
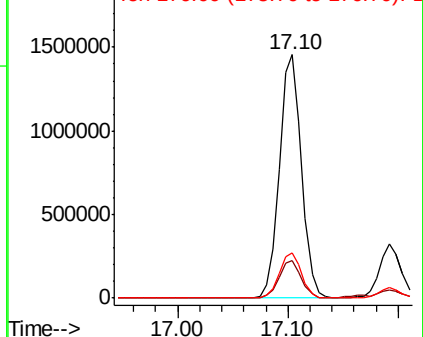
178 100

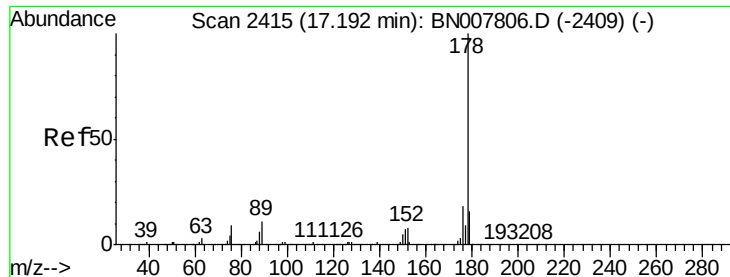
179 15.2 11.9 17.9

176 18.7 15.2 22.8



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

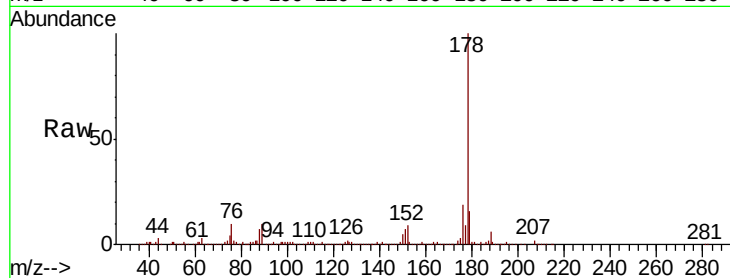




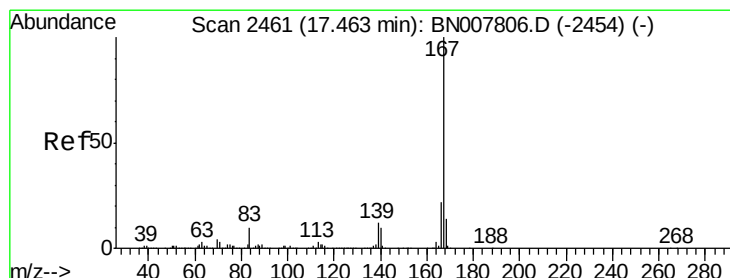
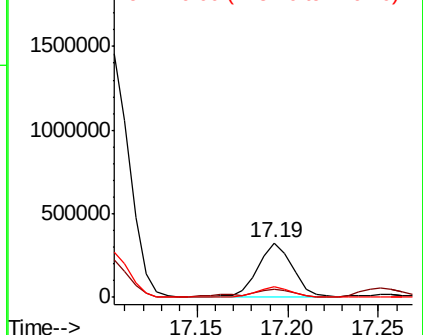
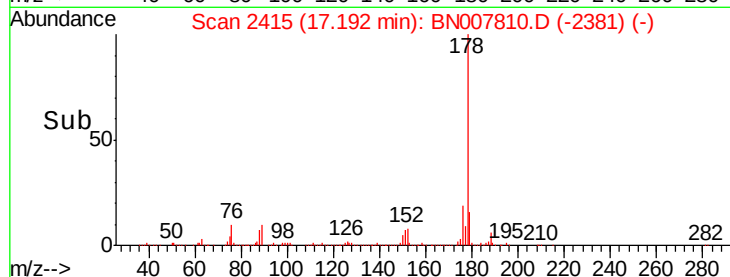
#71
 Anthracene
 Concen: 2.331 ng/ul
 RT: 17.19 min Scan# 2415
 Delta R.T. 0.00 min
 Lab File: BN007810.D
 Acq: 23 Sep 2019 20:18

Instrument :
 BNA_N
 ClientSampleId :
 BPDF5

Tot Ion:178 Resp: 430178
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.7 19.1
 176 18.7 15.1 22.7

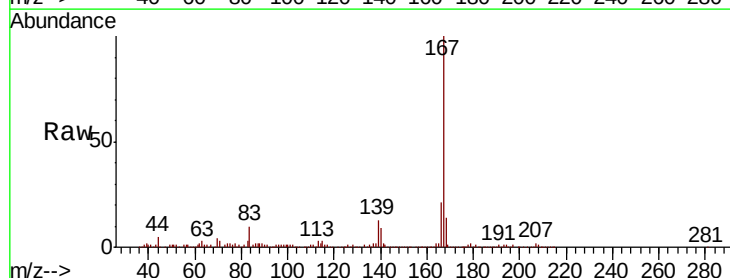


Abundance Ion 178.00 (177.70 to 178.70): E
 2000000 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

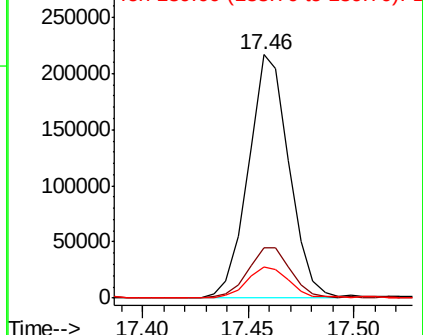
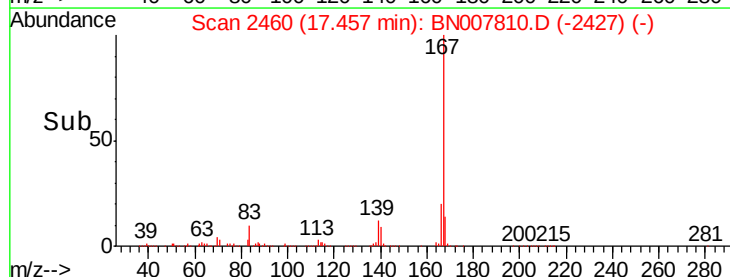


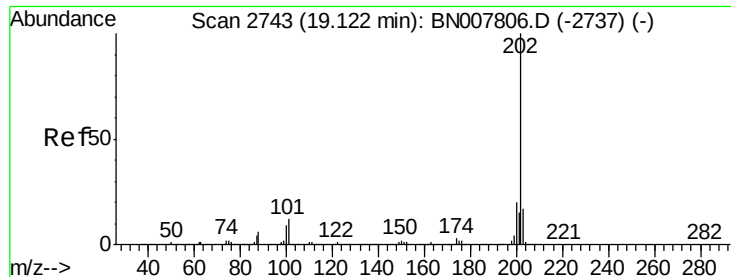
#74
 Carbazole
 Concen: 1.843 ng/ul
 RT: 17.46 min Scan# 2460
 Delta R.T. -0.01 min
 Lab File: BN007810.D
 Acq: 23 Sep 2019 20:18

Tgt Ion:167 Resp: 287764
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.0 25.4
 139 12.6 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E
 300000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#76

Fluoranthene

Concen: 1.970 ng/ul

RT: 19.12 min Scan# 2743

Delta R.T. 0.00 min

Lab File: BN007810.D

Acq: 23 Sep 2019 20:18

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ClientSampleId :

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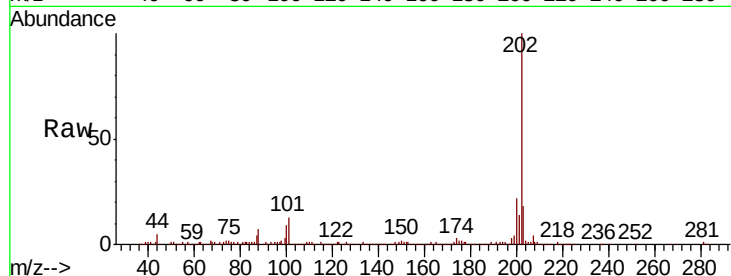
Tot Ion:202 Resp: 398479

Ion Ratio Lower Upper

202 100

101 13.3 9.4 14.2

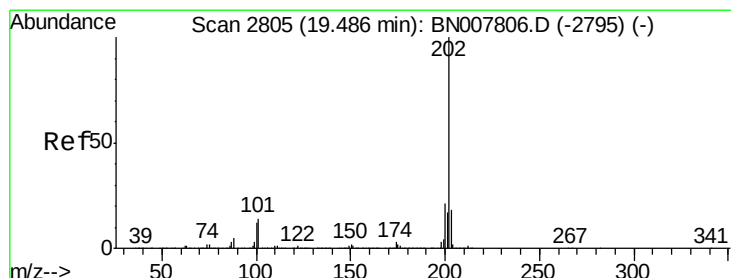
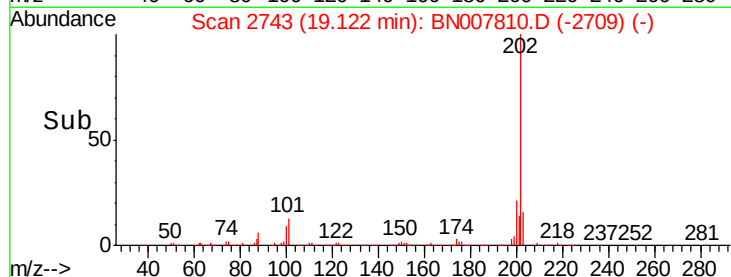
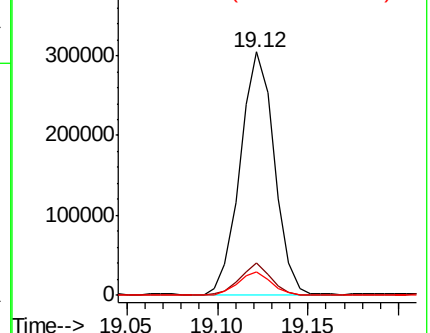
100 9.5 7.1 10.7



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



#79

Pyrene

Concen: 1.760 ng/ul

RT: 19.49 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BN007810.D

Acq: 23 Sep 2019 20:18

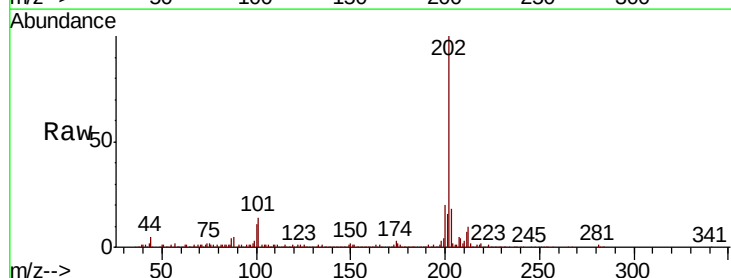
Tgt Ion:202 Resp: 398370

Ion Ratio Lower Upper

202 100

101 13.7 11.2 16.8

100 10.9 9.4 14.0



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

