

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040320\
 Data File : BN010404.D
 Acq On : 03 Apr 2020 10:04
 Operator : CG/JU
 Sample : L2065-18DL2 200X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBF14DL2

Quant Time: Apr 03 11:07:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 03 10:35:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	569863	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2471690	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	1701036	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	3920549	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	4273858	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	4642659	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.80	99	2179	0.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	5453	0.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	6002	0.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	3567	0.09	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	3253	0.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	3026	0.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	7115	0.18	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.65	166	28867	0.22	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	26341	0.18	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.23	176	26129	0.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.07	188	55296	0.31	ng/ul	0.00
79) Pyrene-d10	19.37	212	48466	0.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	48996	0.21	ng/ul	-0.01

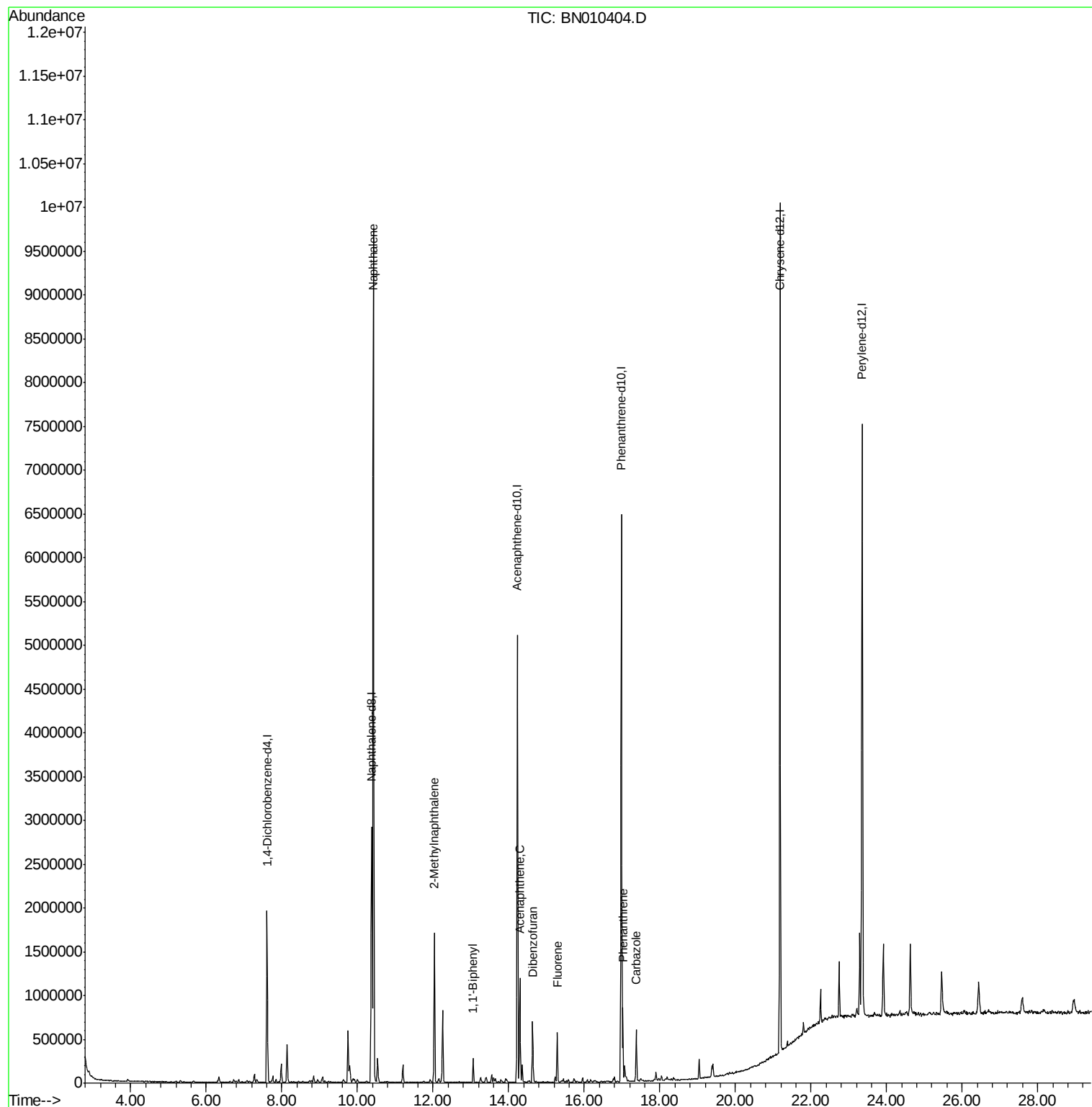
Target Compounds				Ovalue		
28) Naphthalene	10.42	128	8055597	60.583	ng/ul	100
34) 2-Methylnaphthalene	12.03	142	824770	8.538	ng/ul	99
41) 1,1'-Biphenyl	13.06	154	148385	1.146	ng/ul	99
50) Acenaphthene	14.30	153	501332	4.512	ng/ul	97
54) Dibenzofuran	14.63	168	411569	2.630	ng/ul	100
59) Fluorene	15.29	166	242037	1.900	ng/ul	97
70) Phenanthrene	17.02	178	483878	2.227	ng/ul	98
75) Carbazole	17.38	167	376227	2.082	ng/ul	97

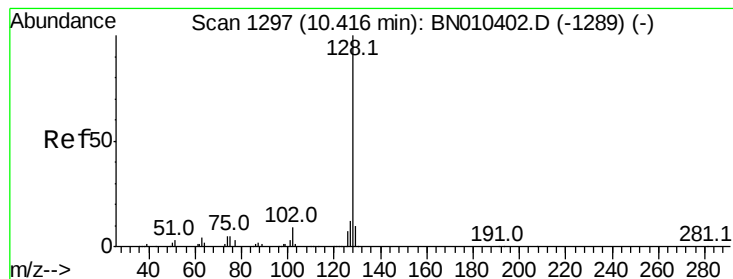
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 60.583 ng/ul

RT: 10.42 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BN010404.D

Acq: 03 Apr 2020 10:04

Instrument :

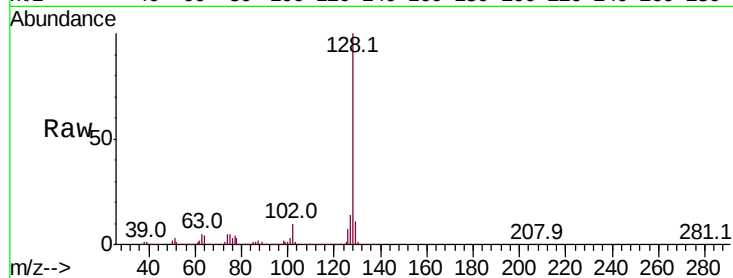
BNA_N

ClientSampleId :

DBF14DL2

Tot Ion:128 Resp: 8055597

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	13.5	10.8	16.2

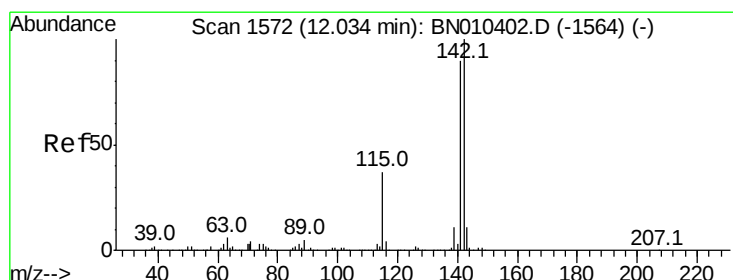
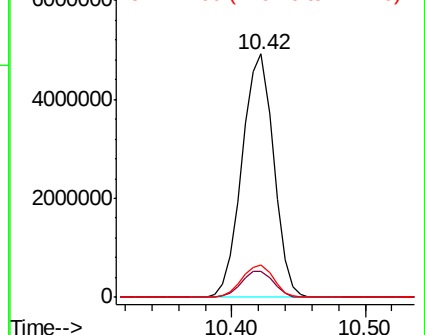
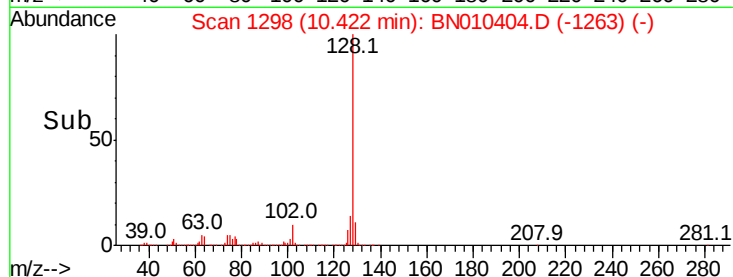


Abundance

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: 8.538 ng/ul

RT: 12.03 min Scan# 1572

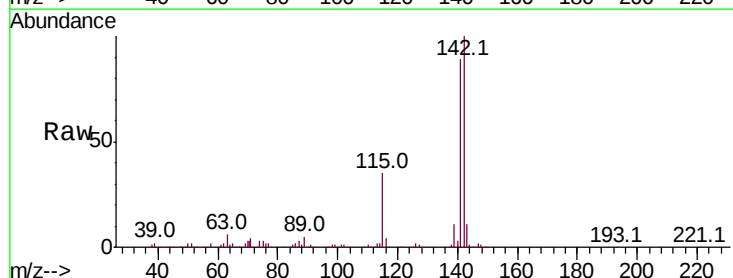
Delta R.T. 0.00 min

Lab File: BN010404.D

Acq: 03 Apr 2020 10:04

Tgt Ion:142 Resp: 824770

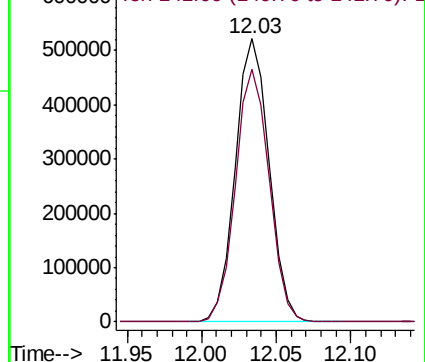
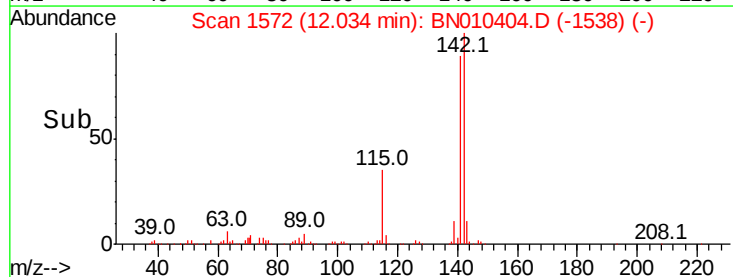
Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.1	108.1

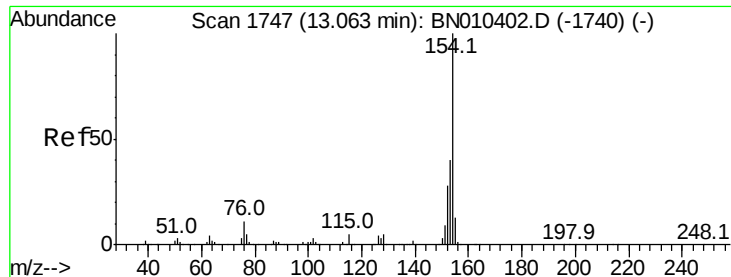


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

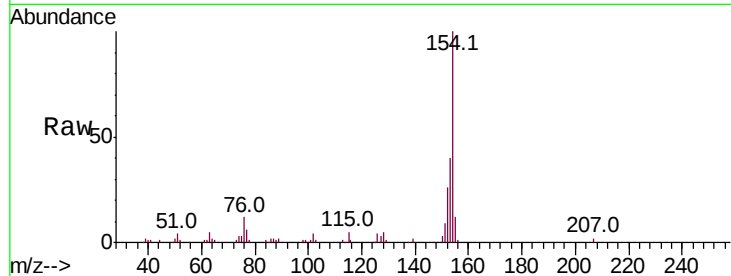




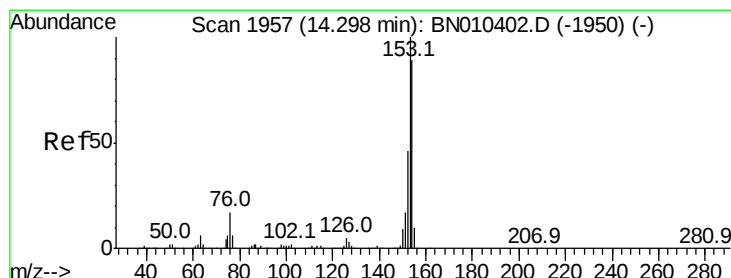
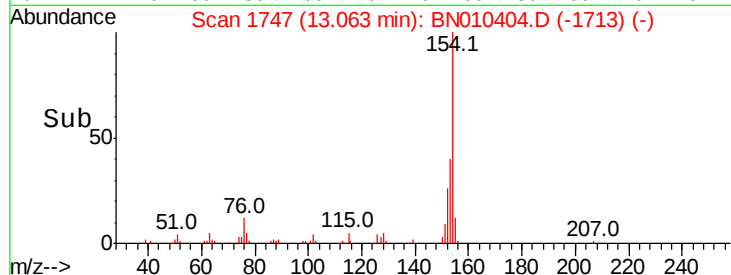
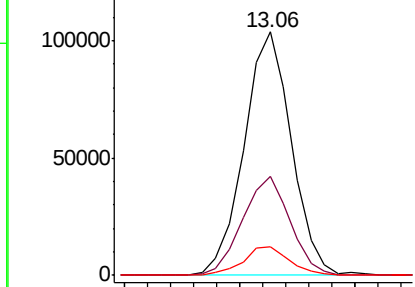
#41
 1,1'-Biphenyl
 Concen: 1.146 ng/ul
 RT: 13.06 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BN010404.D
 Acq: 03 Apr 2020 10:04

Instrument :
 BNA_N
 ClientSampleId :
 DBF14DL2

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	32.6	49.0
76	11.6	9.4	14.2

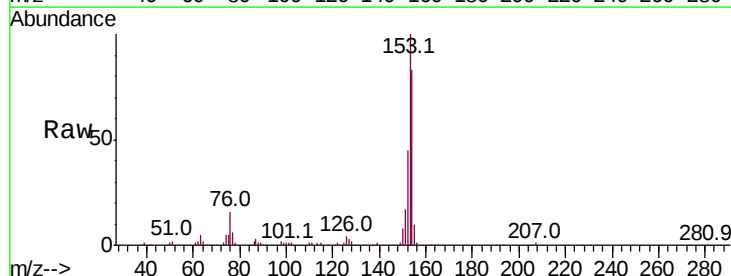


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNO

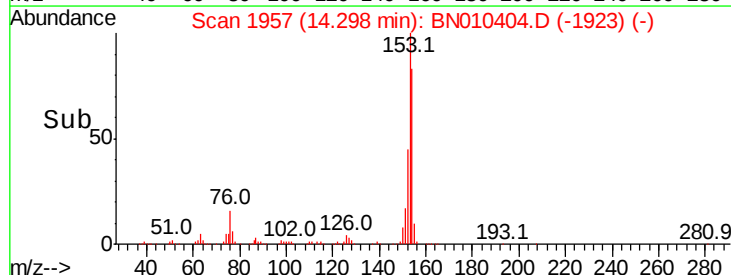
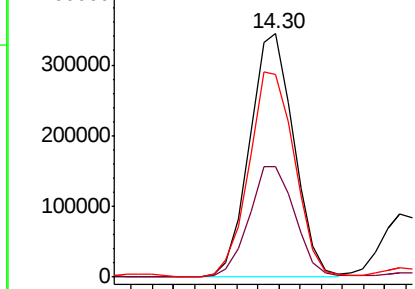


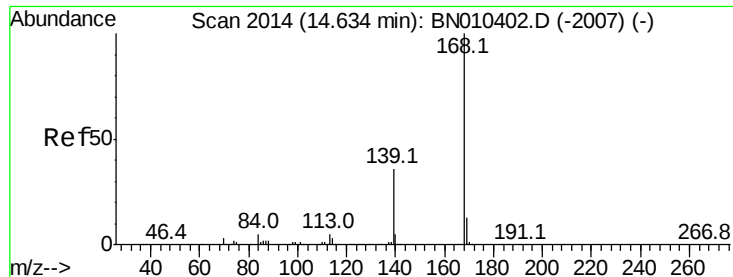
#50
 Acenaphthene
 Concen: 4.512 ng/ul
 RT: 14.30 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BN010404.D
 Acq: 03 Apr 2020 10:04

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.5	37.8	56.6
154	83.3	69.1	103.7



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





#54

Dibenzenofuran

Concen: 2.630 ng/ul

RT: 14.63 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BN010404.D

Acq: 03 Apr 2020 10:04

Instrument :

BNA_N

ClientSampleId :

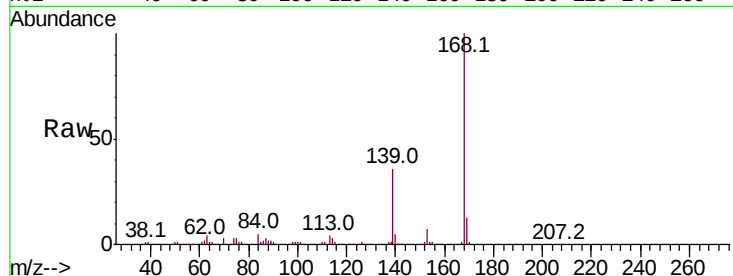
DBF14DL2

Tot Ion:168 Resp: 411569

Ion Ratio Lower Upper

168 100

139 36.5 29.0 43.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.63

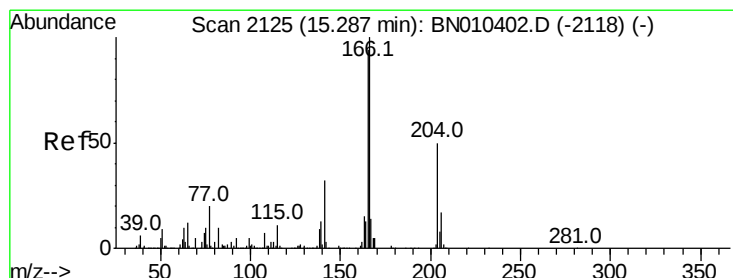
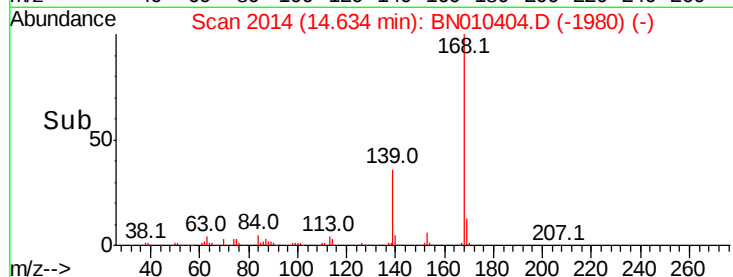
300000

200000

100000

0

Time-->



#59

Fluorene

Concen: 1.900 ng/ul

RT: 15.29 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BN010404.D

Acq: 03 Apr 2020 10:04

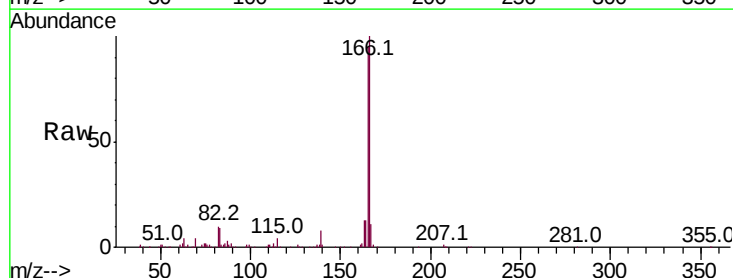
Tgt Ion:166 Resp: 242037

Ion Ratio Lower Upper

166 100

165 95.0 77.6 116.4

167 11.0 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

250000

200000

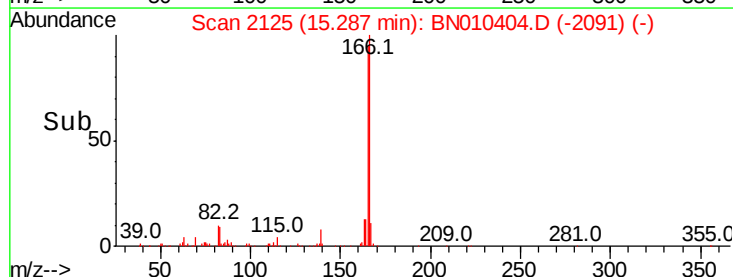
150000

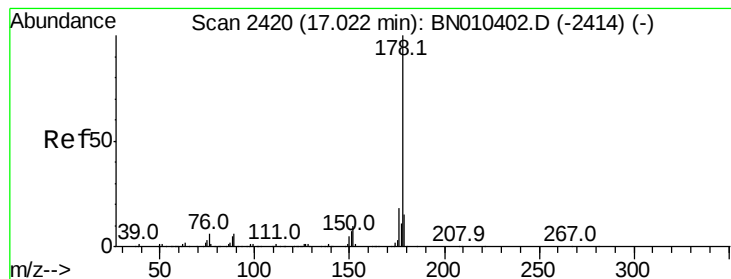
100000

50000

0

Time-->





#70

Phenanthrene

Concen: 2.227 ng/ul

RT: 17.02 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BN010404.D

Acq: 03 Apr 2020 10:04

Instrument :

BNA_N

ClientSampleId :

DBF14DL2

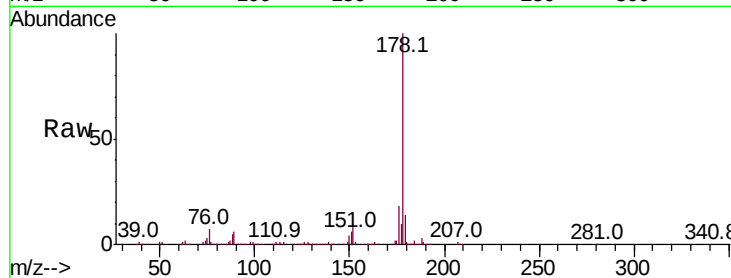
Tot Ion:178 Resp: 483878

Ion Ratio Lower Upper

178 100

179 14.3 11.9 17.9

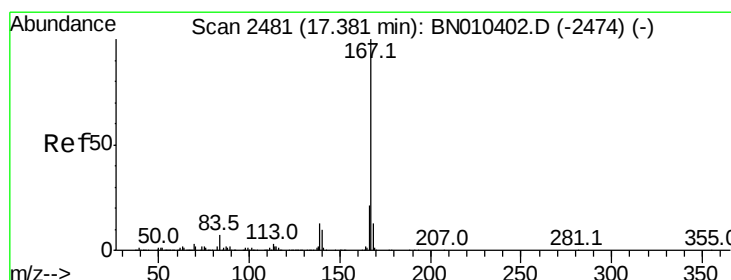
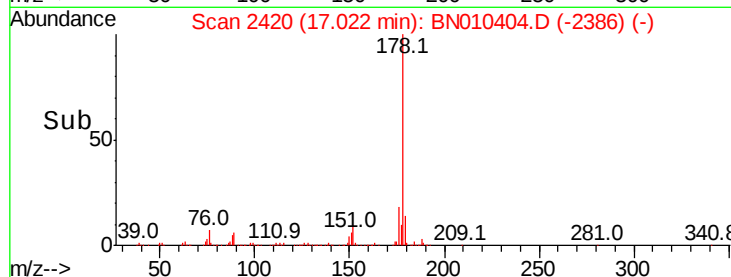
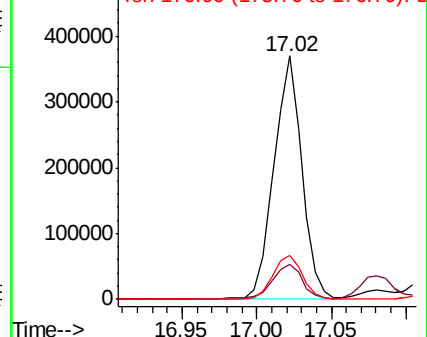
176 17.9 15.4 23.2



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: 2.082 ng/ul

RT: 17.38 min Scan# 2481

Delta R.T. 0.00 min

Lab File: BN010404.D

Acq: 03 Apr 2020 10:04

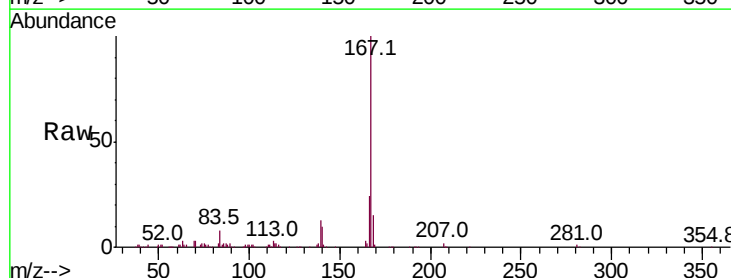
Tgt Ion:167 Resp: 376227

Ion Ratio Lower Upper

167 100

166 23.7 17.3 25.9

139 13.3 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

