

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
 Data File : BN010387.D
 Acq On : 02 Apr 2020 11:56
 Operator : CG/JU
 Sample : L2065-08DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBF05DL

Quant Time: Apr 02 12:28:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 01 17:35:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	351589	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1552149	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.23	164	1095097	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	2596942	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	2912105	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	3331748	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	6.79	99	38542	1.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	104659	6.81	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.15	132	126252	5.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	80938	3.27	ng/ul	-0.01
19) Nitrobenzene-d5	8.75	128	76845	6.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	75813	6.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	155072	6.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	8437	0.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	646606	7.83	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	719323	7.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	13830	0.89	ng/ul	0.00
58) Fluorene-d10	15.23	176	592320	8.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	59378	3.99	ng/ul	0.00
71) Anthracene-d10	17.07	188	955406	8.01	ng/ul	0.00
79) Pyrene-d10	19.38	212	1173084	7.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	1356526	8.18	ng/ul	0.00

Target Compounds

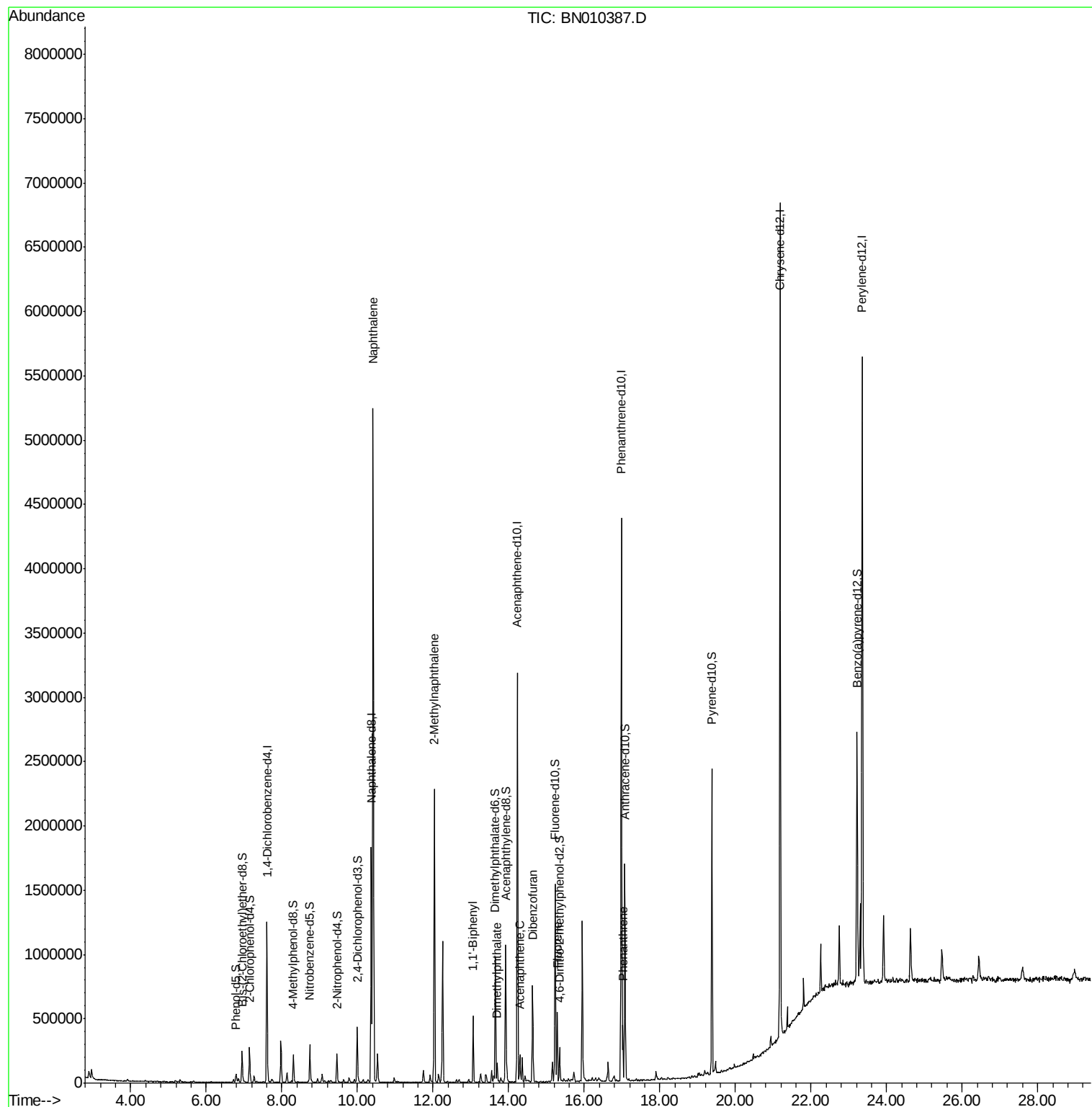
						Ovalue
28) Naphthalene	10.42	128	4320019	51.737	ng/ul	100
34) 2-Methylnaphthalene	12.03	142	1111507	18.323	ng/ul	97
41) 1,1'-Biphenyl	13.06	154	270341	3.244	ng/ul	98
45) Dimethylphthalate	13.69	163	93896	1.100	ng/ul	98
50) Acenaphthene	14.30	153	86481	1.209	ng/ul	97
54) Dibenzofuran	14.63	168	480374	4.767	ng/ul	99
59) Fluorene	15.29	166	226256	2.759	ng/ul	97
70) Phenanthrene	17.02	178	249717	1.735	ng/ul	100

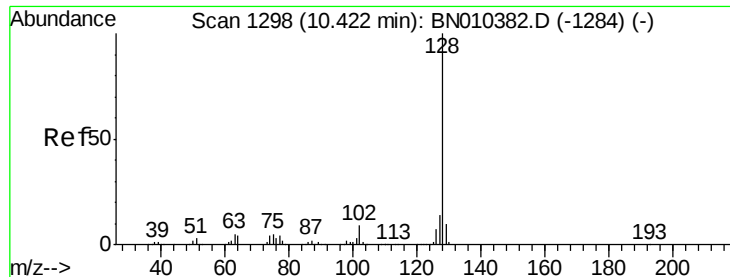
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 51.737 ng/ul

RT: 10.42 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BN010387.D

Acq: 02 Apr 2020 11:56

Instrument :

BNA_N

ClientSampleId :

DBF05DL

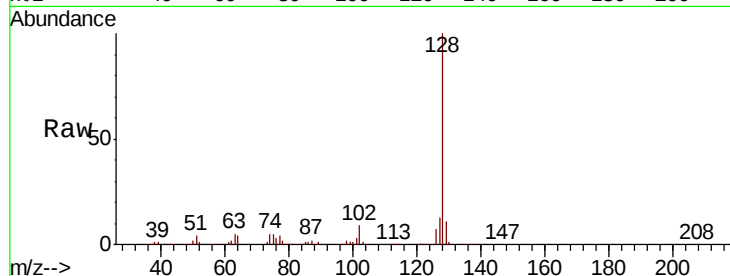
Tot Ion:128 Resp: 4320019

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

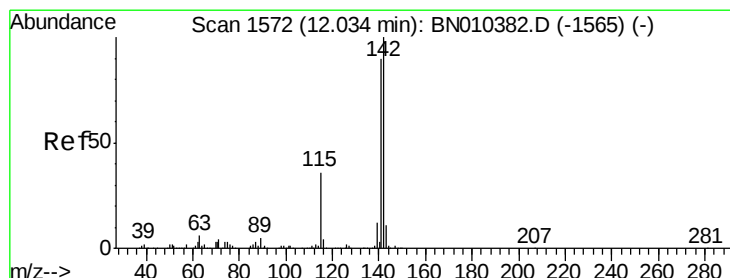
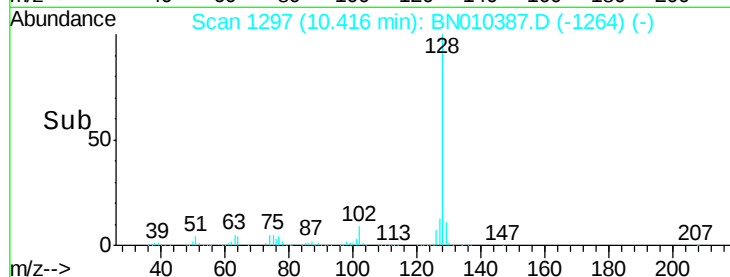
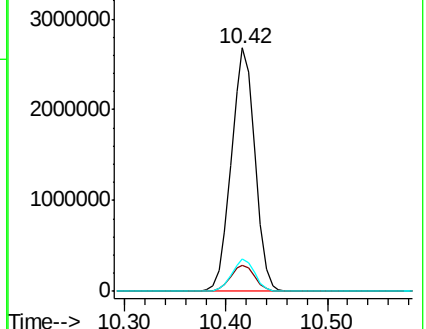
127 13.2 10.8 16.2



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: 18.323 ng/ul

RT: 12.03 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN010387.D

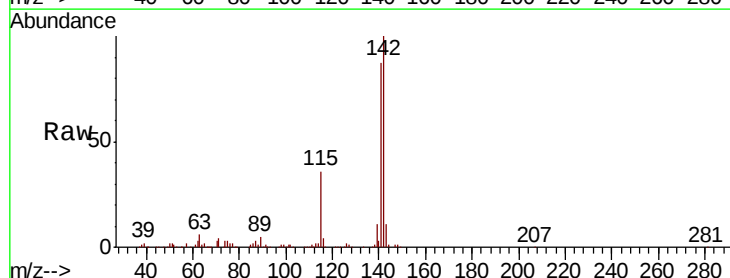
Acq: 02 Apr 2020 11:56

Tgt Ion:142 Resp: 1111507

Ion Ratio Lower Upper

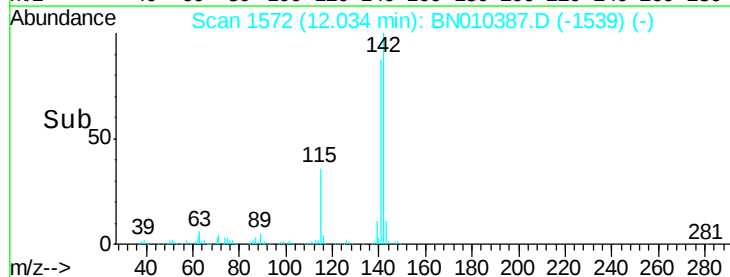
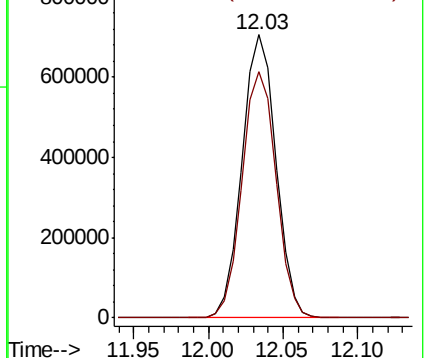
142 100

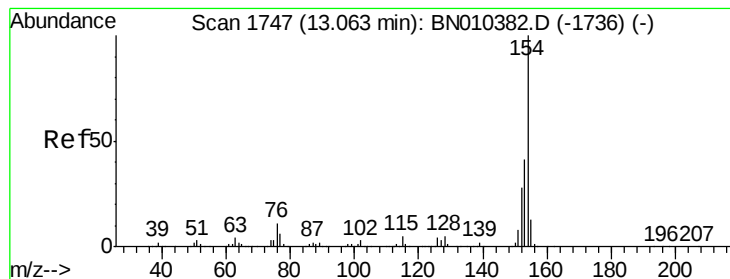
141 87.1 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#41

1,1'-Biphenyl

Concen: 3.244 ng/ul

RT: 13.06 min Scan# 1747

Delta R.T. -0.01 min

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Instrument :

BNA_N

ClientSampleId :

DBF05DL

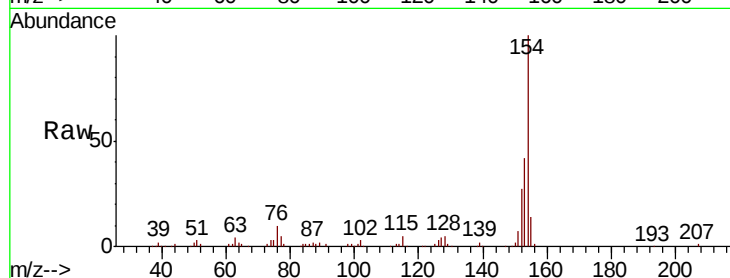
Tot Ion:154 Resp: 270341

Ion Ratio Lower Upper

154 100

153 41.8 32.6 49.0

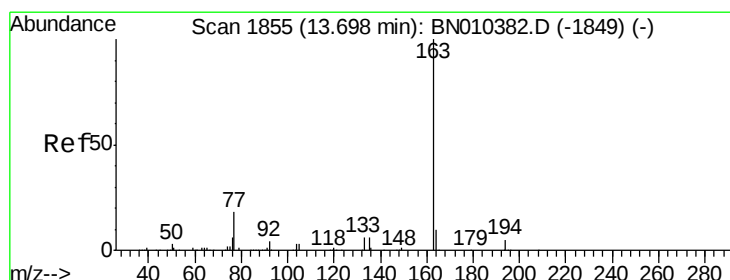
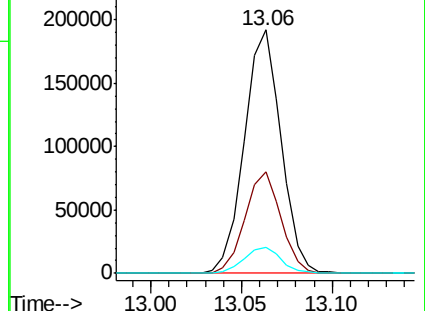
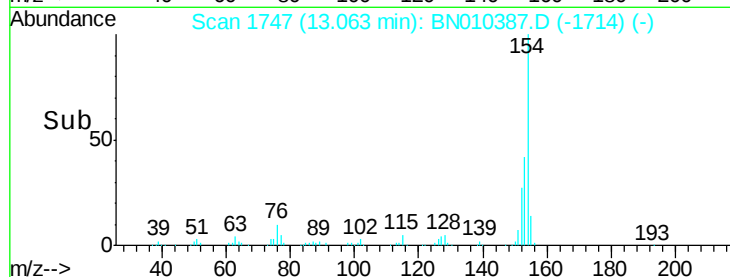
76 10.5 9.4 14.2



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): BNC



#45

Dimethylphthalate

Concen: 1.100 ng/ul

RT: 13.69 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BN010387.D

Acq: 02 Apr 2020 11:56

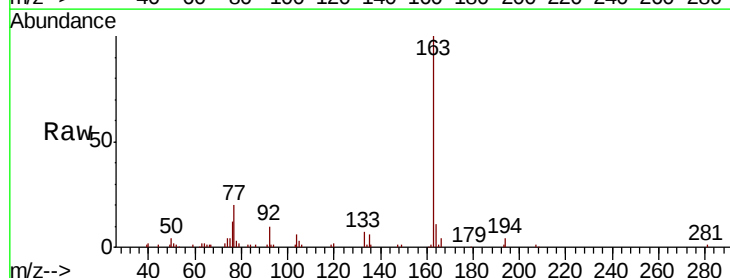
Tgt Ion:163 Resp: 93896

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

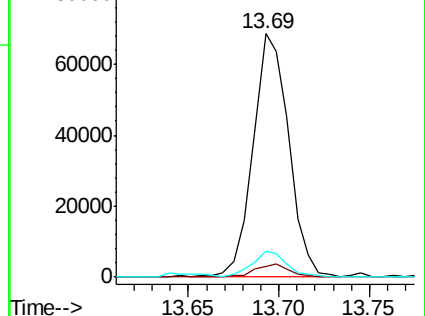
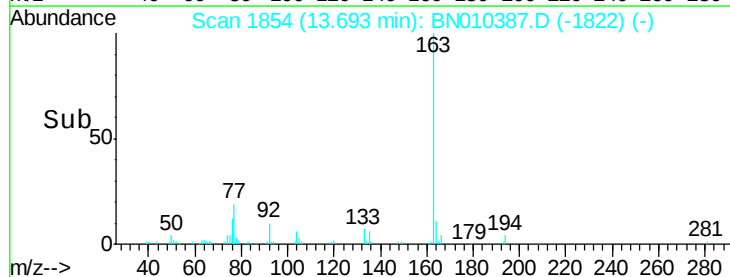
164 10.6 8.0 12.0

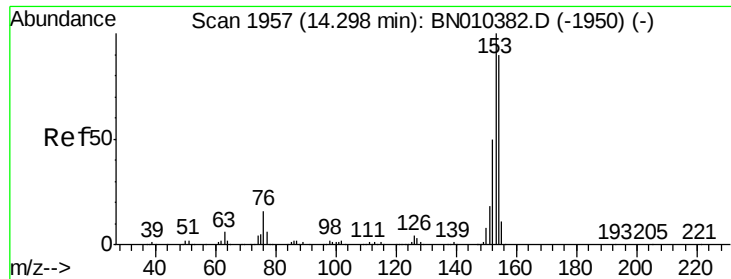


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 1.209 ng/ul

RT: 14.30 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BN010387.D

Acq: 02 Apr 2020 11:56

Instrument :

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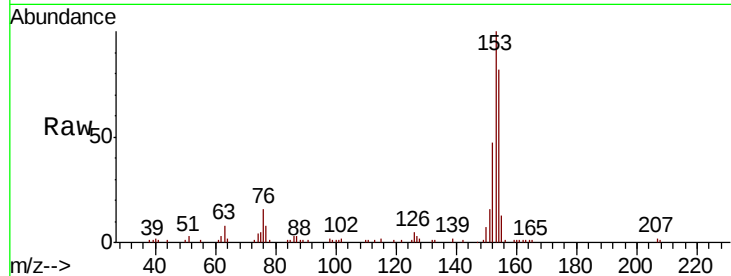
Tot Ion:153 Resp: 86481

Ion Ratio Lower Upper

153 100

152 46.8 37.8 56.6

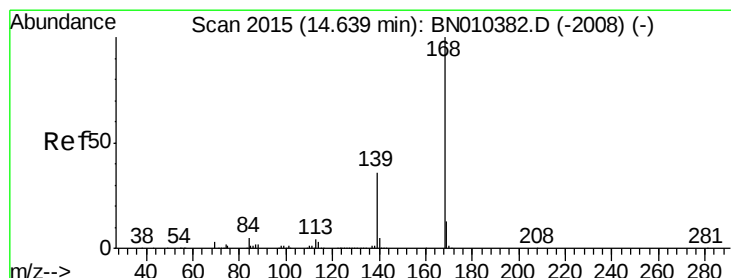
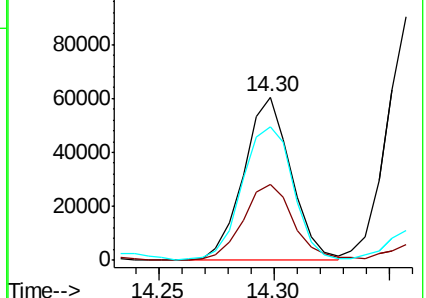
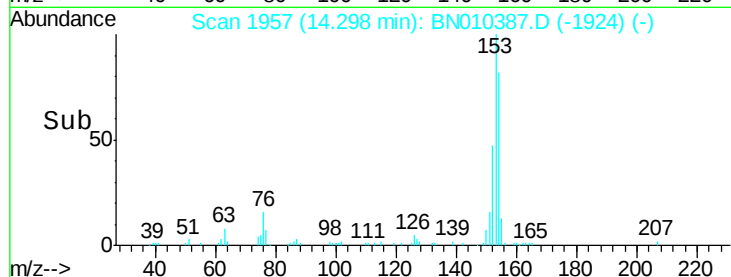
154 82.1 69.1 103.7



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

Dibenzofuran

Concen: 4.767 ng/ul

RT: 14.63 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BN010387.D

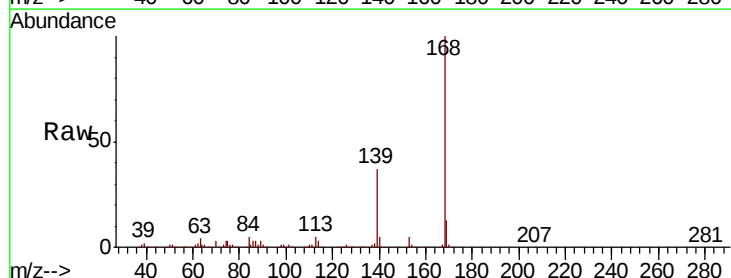
Acq: 02 Apr 2020 11:56

Tgt Ion:168 Resp: 480374

Ion Ratio Lower Upper

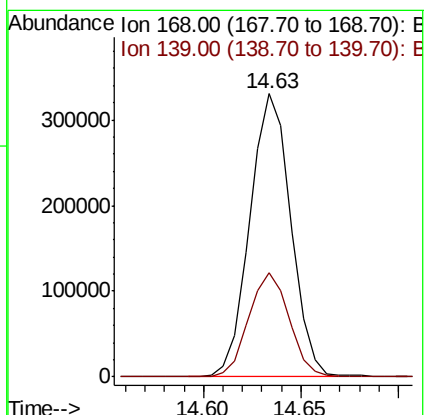
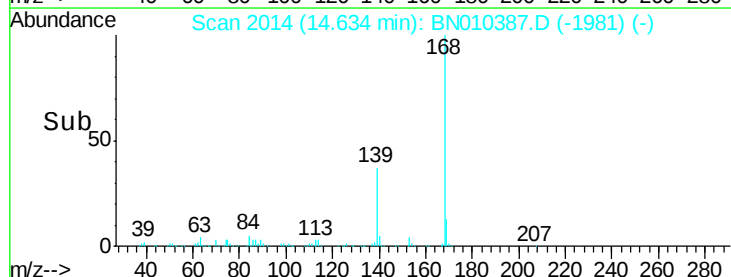
168 100

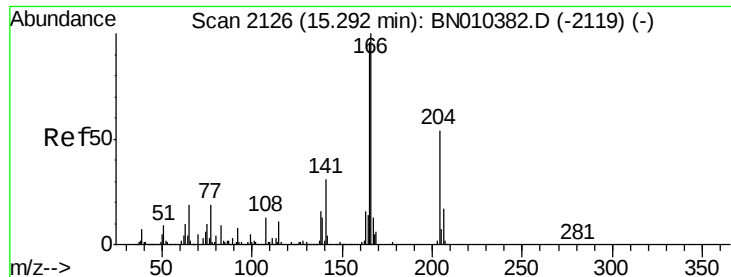
139 36.9 29.0 43.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

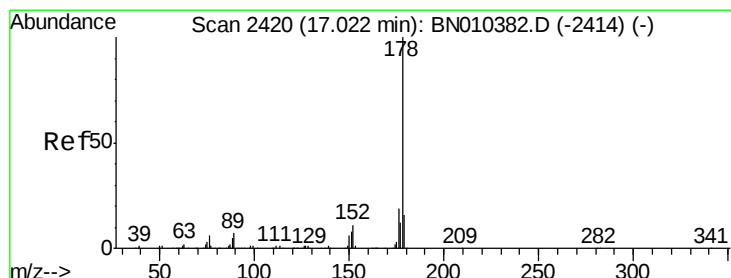
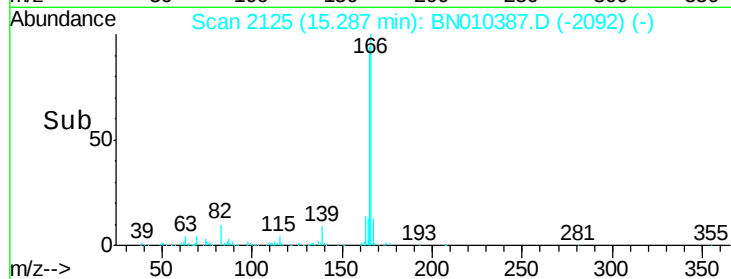
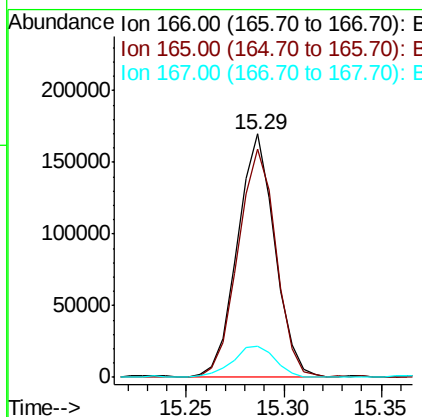
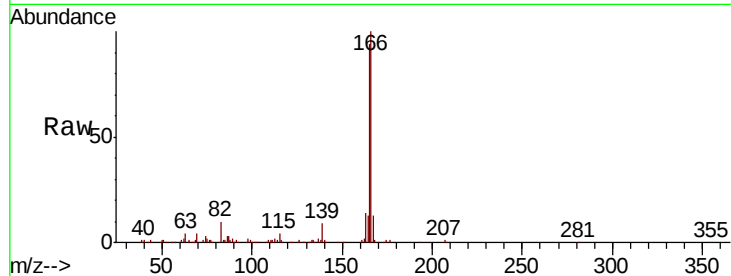




#59
 Fluorene
 Concen: 2.759 ng/ul
 RT: 15.29 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BN010387.D
 Acq: 02 Apr 2020 11:56

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Tot Ion	Ratio	Lower	Upper
166	100		
165	94.0	77.6	116.4
167	12.6	10.7	16.1



#70
 Phenanthrene
 Concen: 1.735 ng/ul
 RT: 17.02 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BN010387.D
 Acq: 02 Apr 2020 11:56

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.9	17.9
176	19.5	15.4	23.2

