

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
 Data File : BN010389.D
 Acq On : 02 Apr 2020 13:09
 Operator : CG/JU
 Sample : L2065-10DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DBF06DL

Manual Integrations
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Quant Time: Apr 02 13:56:01 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	7.61	152	428574	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	1865669	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	1248605	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	2891195	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	3386069	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	3847104	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	21039	0.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	55144	2.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	64422	2.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	43838	1.45	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	39197	2.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	35260	2.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	78677	2.59	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.65	166	319605	3.39	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	344124	3.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	8188	0.46	ng/ul	0.00
58) Fluorene-d10	15.23	176	289939	3.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	24633	1.49	ng/ul	0.00
71) Anthracene-d10	17.07	188	475298	3.58	ng/ul	0.00
79) Pyrene-d10	19.38	212	556777	3.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	640499	3.35	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.42	128	32644121m	325.252	ng/ul
34) 2-Methylnaphthalene	12.04	142	9815033	134.606	ng/ul 98
41) 1,1'-Biphenyl	13.06	154	1736118	18.272	ng/ul 99
50) Acenaphthene	14.30	153	5070789	62.170	ng/ul 97
54) Dibenzofuran	14.64	168	4270233	37.170	ng/ul 100
59) Fluorene	15.29	166	2290504	24.498	ng/ul 99
70) Phenanthrene	17.02	178	2890270	18.041	ng/ul 99
72) Anthracene	17.11	178	191947	1.198	ng/ul 94
75) Carbazole	17.38	167	4617319	34.655	ng/ul 99
77) Fluoranthene	19.05	202	253978	1.489	ng/ul 97

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

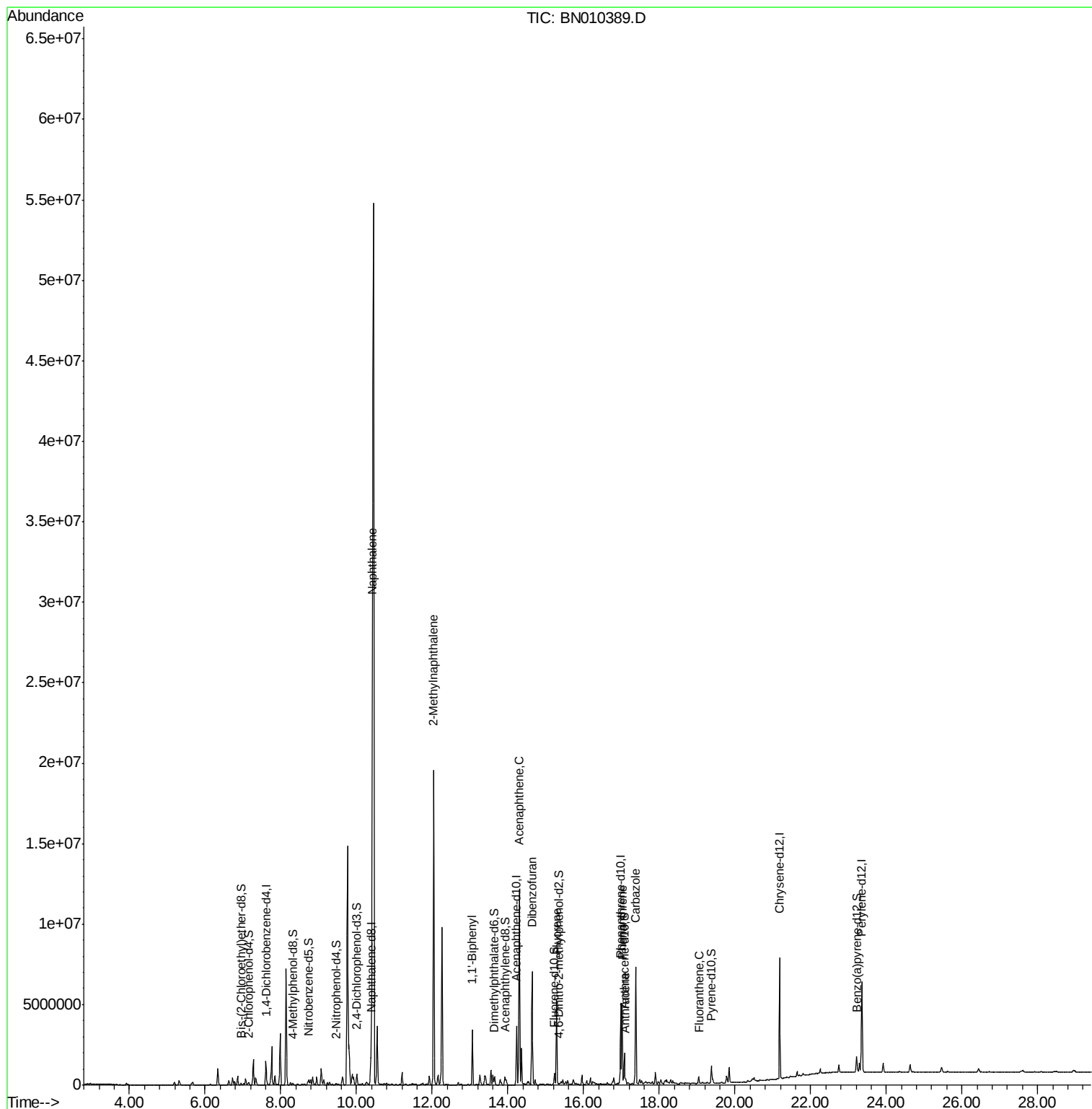
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040120\
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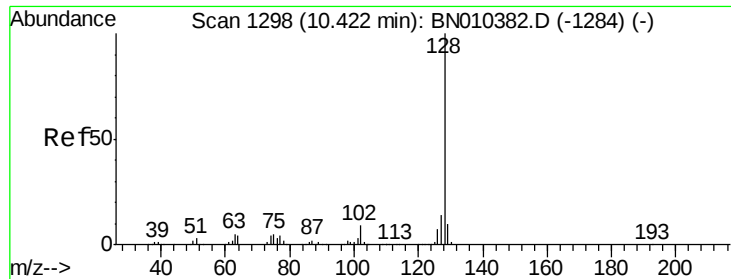
Instrument :
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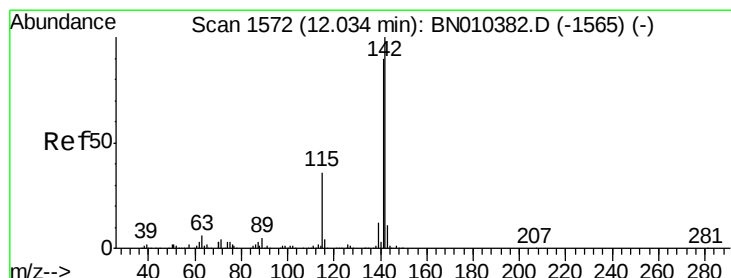
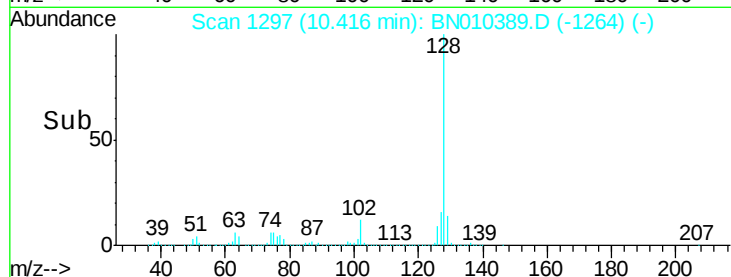
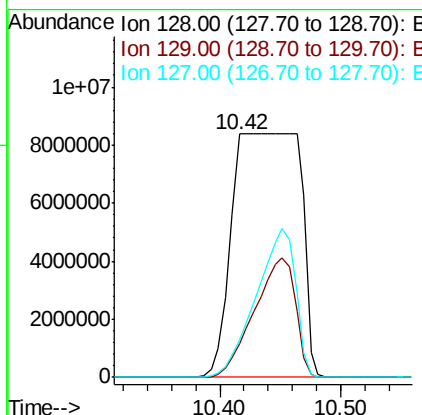
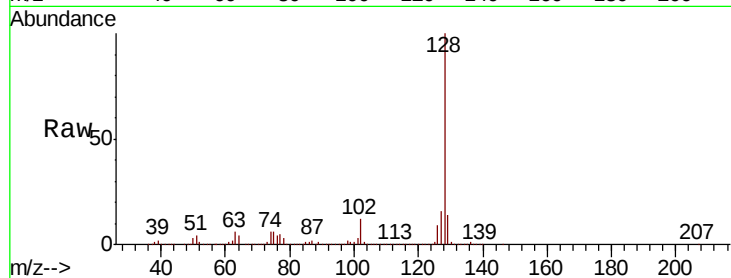
#28
Naphthalene
Concen: 325.252 ng/ul m
RT: 10.42 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BN010389.D
Acq: 02 Apr 2020 13:09

Instrument :
BNA_N
ClientSampled :
DBF06DL

Tot Ion:128 Resp:32644121
Ion Ratio Lower Upper
128 100
129 13.7 8.6 13.0#
127 15.5 10.8 16.2

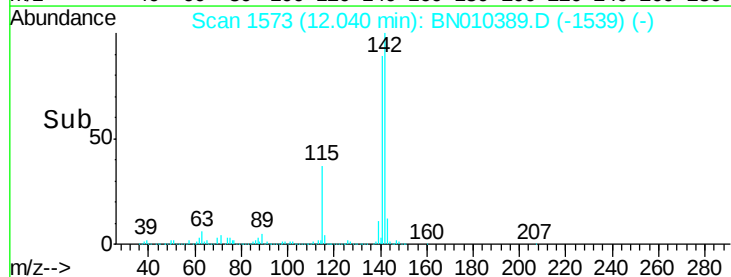
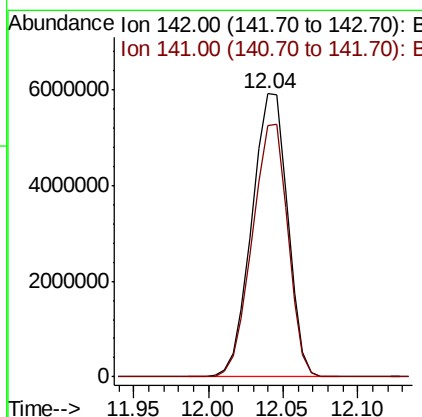
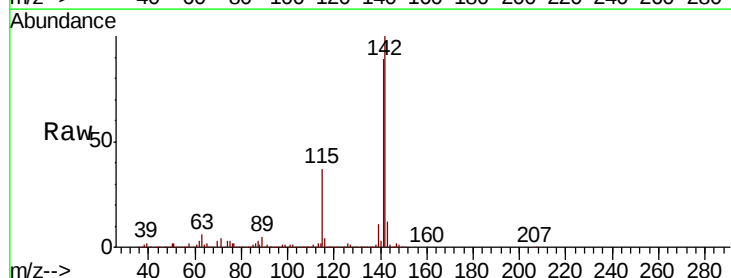
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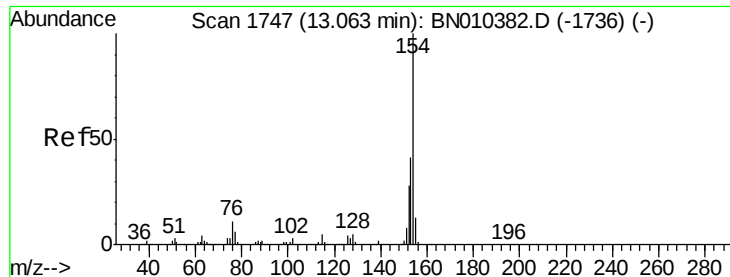
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#34
2-Methylnaphthalene
Concen: 134.606 ng/ul
RT: 12.04 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BN010389.D
Acq: 02 Apr 2020 13:09

Tgt Ion:142 Resp: 9815033
Ion Ratio Lower Upper
142 100
141 88.7 72.1 108.1





#41

1,1'-Biphenyl

Concen: 18.272 ng/ul

RT: 13.06 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BN010389.D

Acq: 02 Apr 2020 13:09

Instrument :

BNA_N

ClientSampleId :

DBF06DL

Tot Ion:154 Resp: 1736118

Ion Ratio Lower Upper

154 100

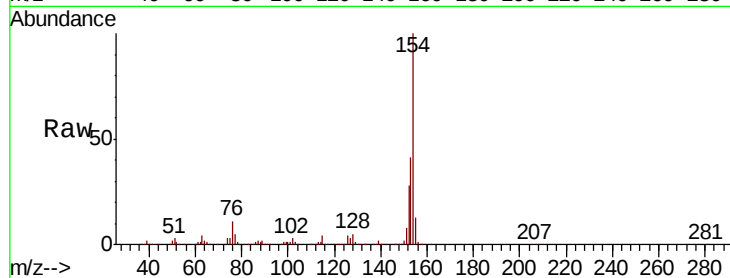
153 41.2 32.6 49.0

76 11.1 9.4 14.2

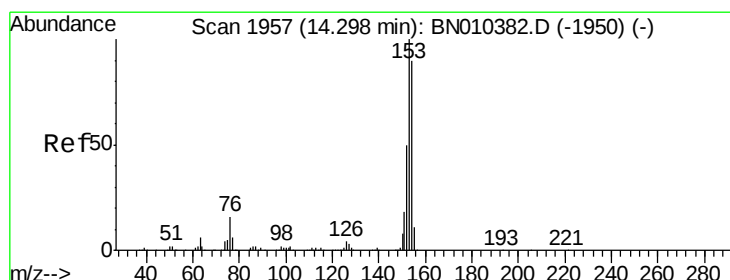
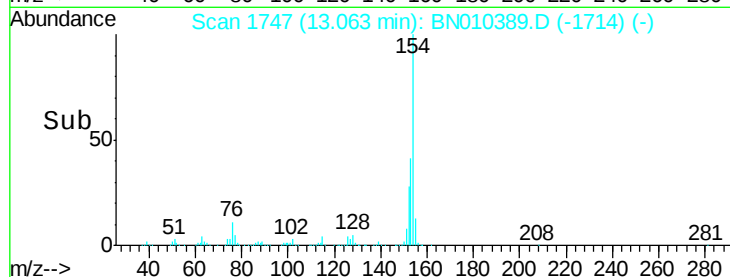
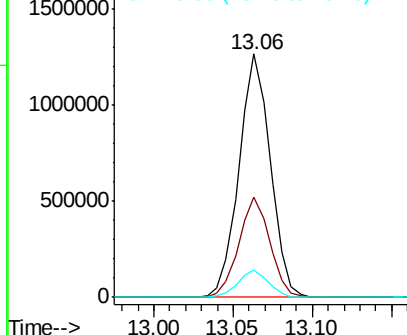
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BNC



#50

Acenaphthene

Concen: 62.170 ng/ul

RT: 14.30 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BN010389.D

Acq: 02 Apr 2020 13:09

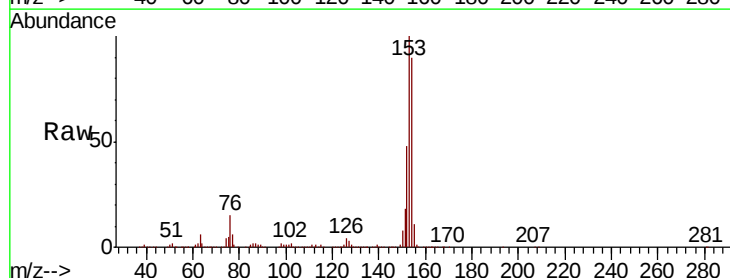
Tgt Ion:153 Resp: 5070789

Ion Ratio Lower Upper

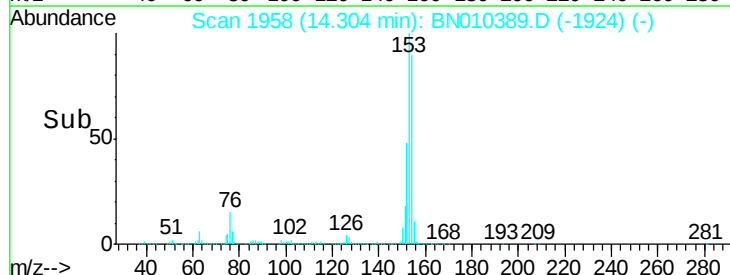
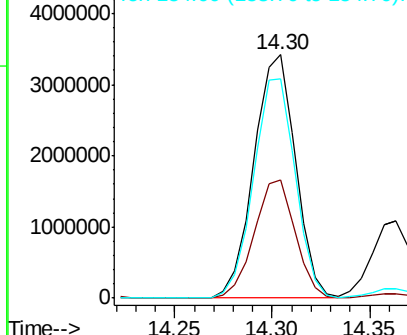
153 100

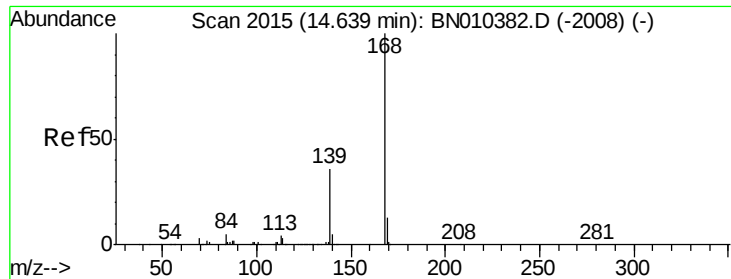
152 48.3 37.8 56.6

154 89.9 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





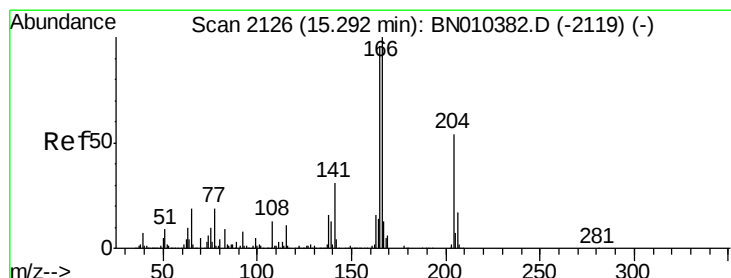
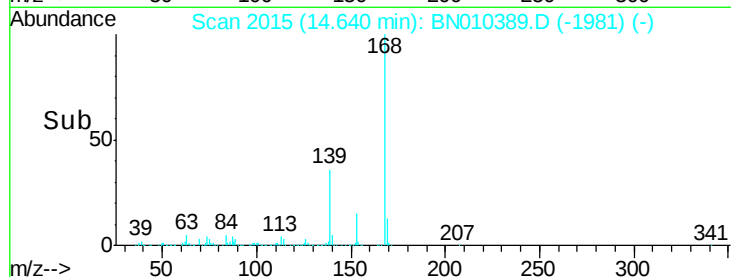
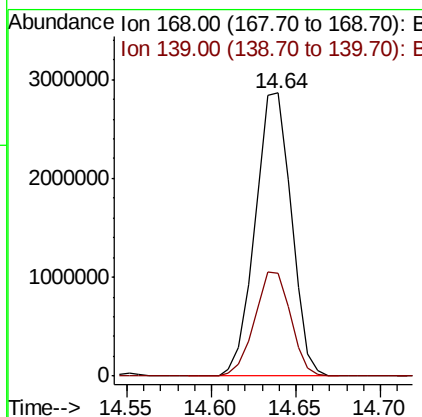
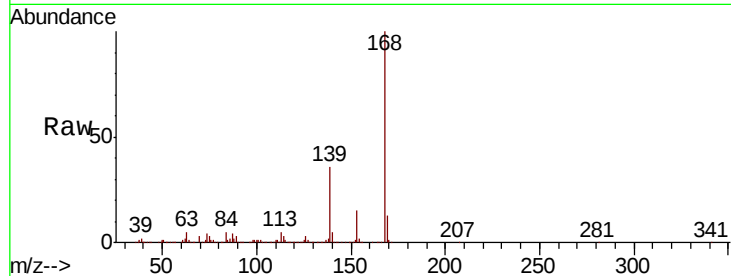
#54
Dibenzenofuran
Concen: 37.170 ng/ul
RT: 14.64 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BN010389.D
Acq: 02 Apr 2020 13:09

Instrument :
BNA_N
ClientSampleId :
DBF06DL

Tot Ion:168 Resp: 4270233
Ion Ratio Lower Upper
168 100
139 36.5 29.0 43.4

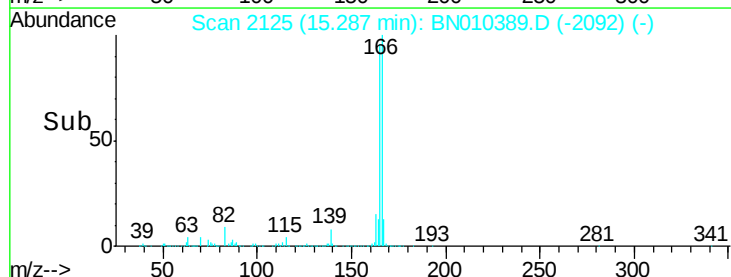
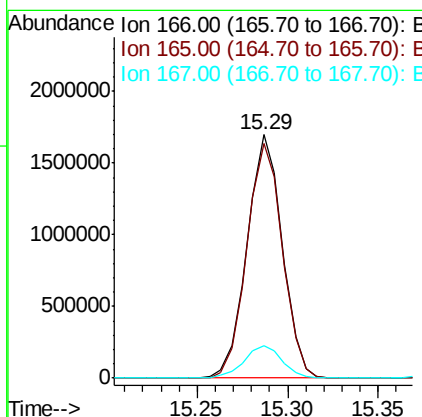
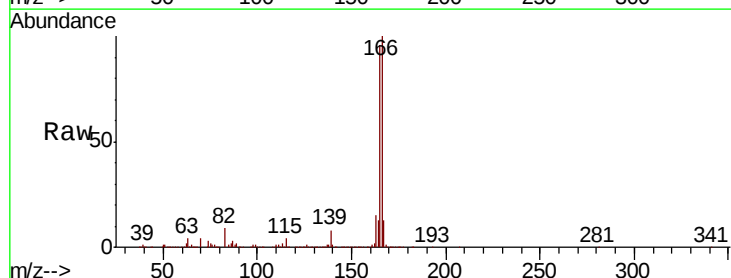
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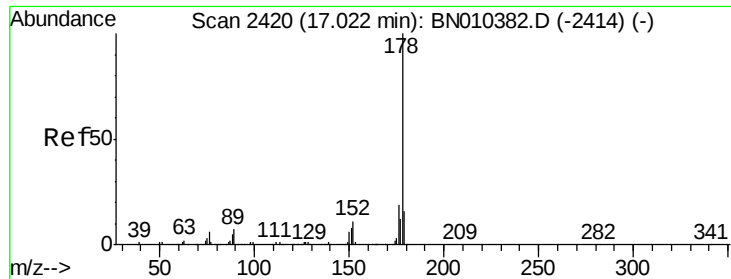
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#59
Fluorene
Concen: 24.498 ng/ul
RT: 15.29 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BN010389.D
Acq: 02 Apr 2020 13:09

Tgt Ion:166 Resp: 2290504
Ion Ratio Lower Upper
166 100
165 96.2 77.6 116.4
167 13.4 10.7 16.1





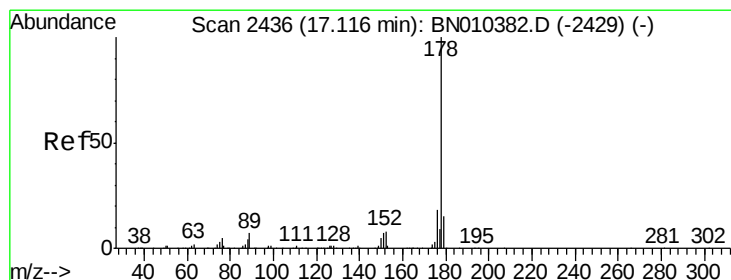
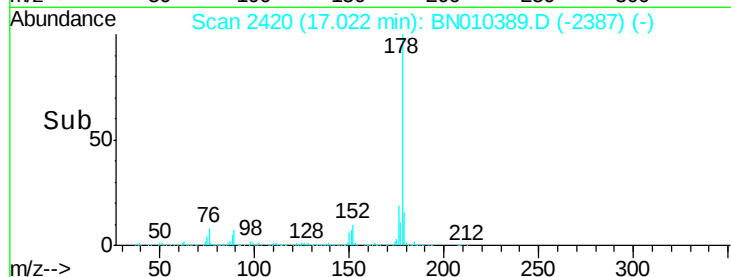
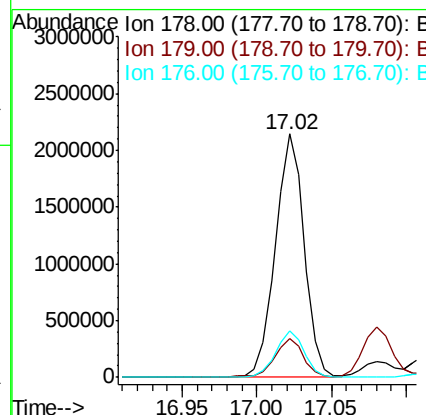
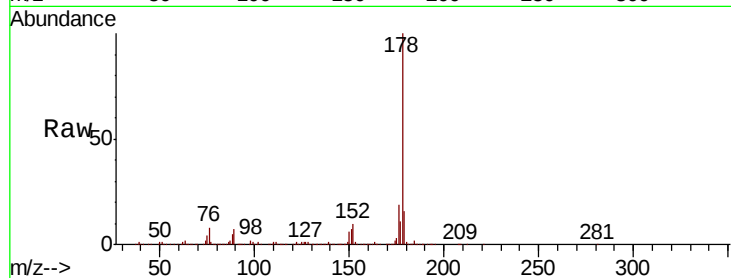
#70
Phenanthrene
Concen: 18.041 ng/ul
RT: 17.02 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BN010389.D
Acq: 02 Apr 2020 13:09

Instrument :
BNA_N
ClientSampled :
DBF06DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.9	17.9
176	19.1	15.4	23.2

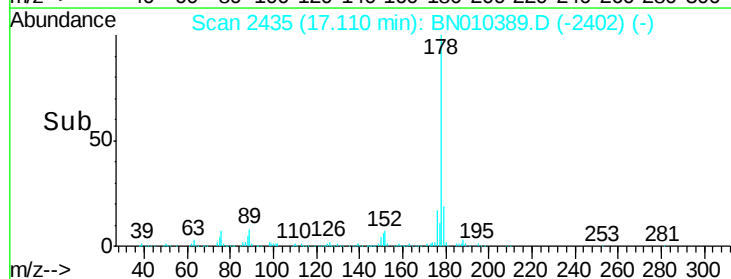
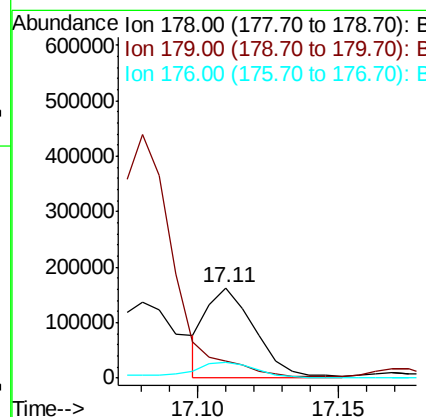
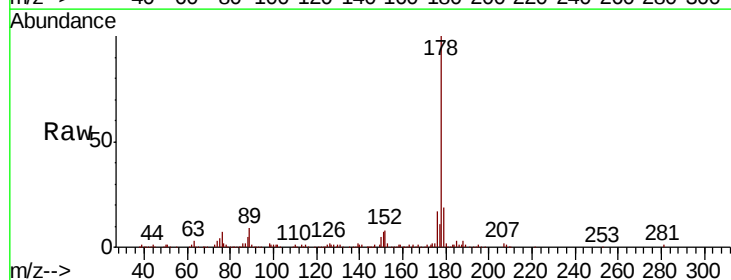
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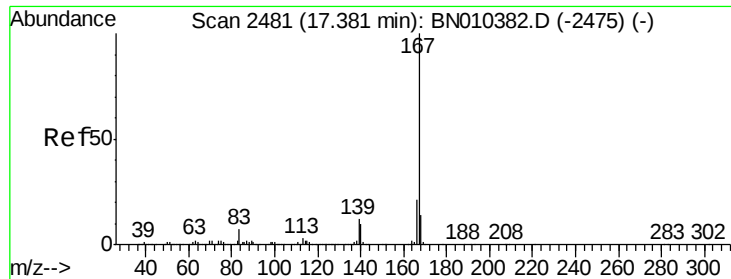
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#72
Anthracene
Concen: 1.198 ng/ul
RT: 17.11 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BN010389.D
Acq: 02 Apr 2020 13:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.2	12.9	19.3
176	17.1	15.2	22.8





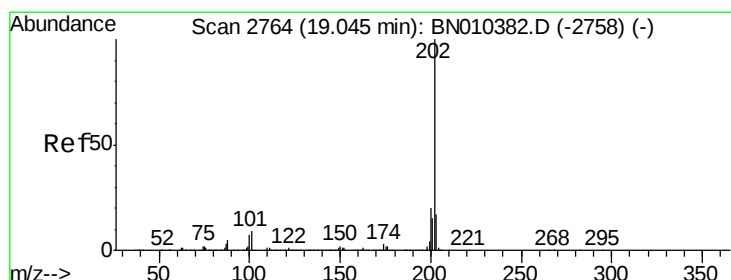
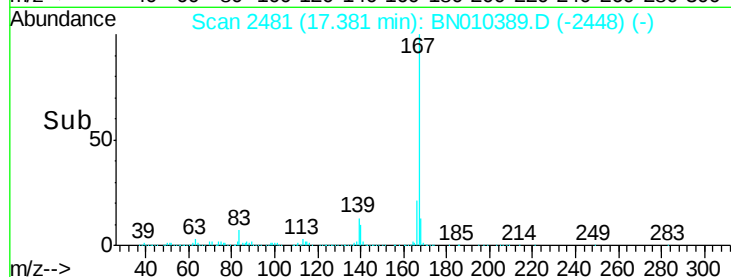
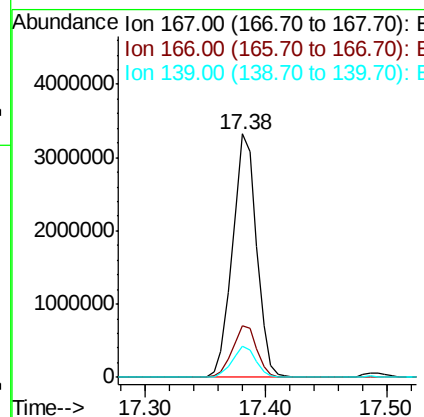
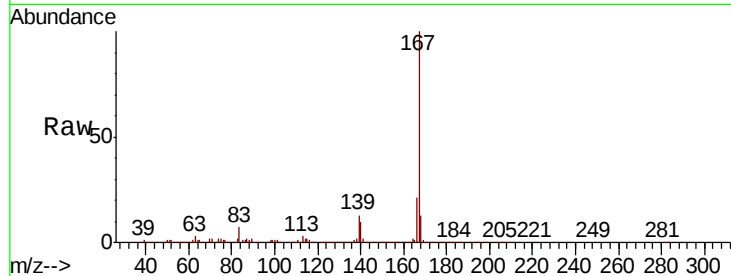
#75
 Carbazole
 Concen: 34.655 ng/ul
 RT: 17.38 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BN010389.D
 Acq: 02 Apr 2020 13:09

Instrument :
 BNA_N
 ClientSampleId :
 DBF06DL

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.3	25.9
139	12.9	10.0	15.0

Manual Integrations
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#77
 Fluoranthene
 Concen: 1.489 ng/ul
 RT: 19.05 min Scan# 2764
 Delta R.T. 0.00 min
 Lab File: BN010389.D
 Acq: 02 Apr 2020 13:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	8.1	12.1
100	7.2	6.2	9.4

