

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
 Data File : BN010391.D
 Acq On : 02 Apr 2020 14:21
 Operator : CG/JU
 Sample : L2065-11DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DBF07DL

Manual Integrations
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Quant Time: Apr 02 15:32:46 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	447243	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	1982096	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	1313466	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	3044951	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	3531375	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	4031909	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	25665	0.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	57870	2.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	71255	2.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	50059	1.59	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	45428	3.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	41800	2.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	97638	3.02	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.65	166	378022	3.81	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	402904	3.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	10446	0.56	ng/ul	0.00
58) Fluorene-d10	15.23	176	335809	3.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	29422	1.69	ng/ul	0.00
71) Anthracene-d10	17.08	188	542251	3.88	ng/ul	0.00
79) Pyrene-d10	19.38	212	646390	3.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	746945	3.72	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.42	128	33898724m	317.913	ng/ul
34) 2-Methylnaphthalene	12.05	142	10169764	131.278	ng/ul 99
41) 1,1'-Biphenyl	13.06	154	1940689	19.417	ng/ul 100
50) Acenaphthene	14.30	153	6147849	71.653	ng/ul 99
54) Dibenzofuran	14.64	168	5130772	42.455	ng/ul 98
59) Fluorene	15.29	166	3051165	31.022	ng/ul 99
70) Phenanthrene	17.02	178	4195198	24.864	ng/ul 99
72) Anthracene	17.11	178	316989	1.878	ng/ul 97
75) Carbazole	17.39	167	5550120	39.553	ng/ul 99
77) Fluoranthene	19.05	202	470992	2.621	ng/ul 99
80) Pyrene	19.40	202	286612	1.214	ng/ul 99

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

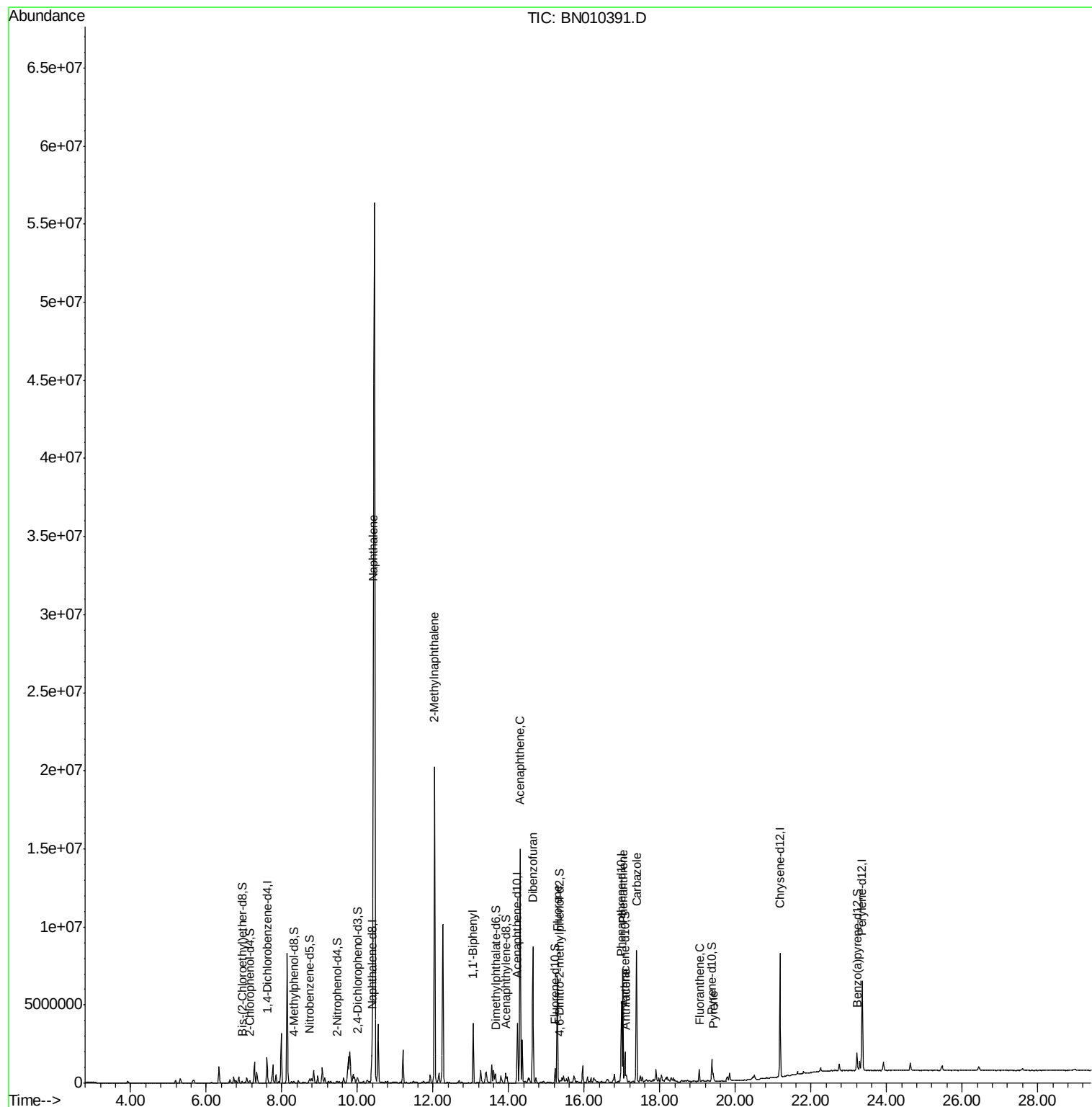
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040120\
Data File : BN010391.D
Acq On : 02 Apr 2020 14:21
Operator : CG/JU
Sample : L2065-11DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

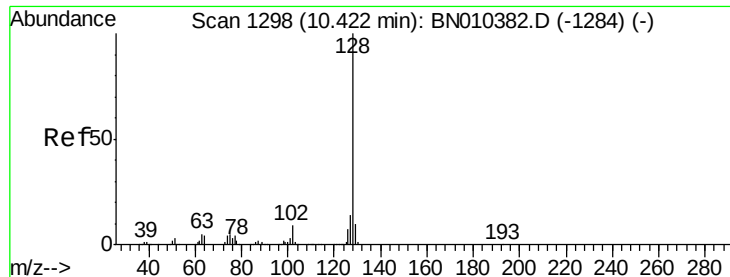
Instrument :
BNA_N
ClientSampleId :
DBF07DL

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Quant Time: Apr 02 15:32:46 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





#28

Naphthalene

Concen: 317.913 ng/ul m

RT: 10.42 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BN010391.D

Acq: 02 Apr 2020 14:21

Instrument :

BNA_N

ClientSampled :

DBF07DL

Tot Ion:128 Resp:33898724

Ion Ratio Lower Upper

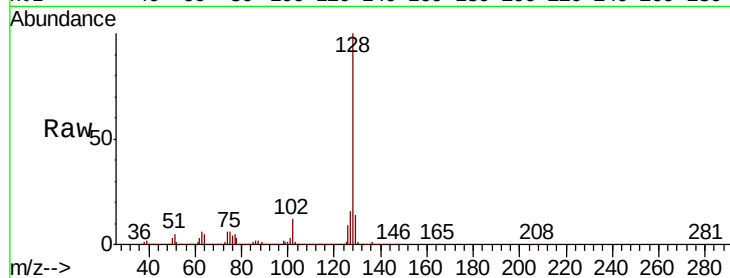
128 100

129 14.2 8.6 13.0#

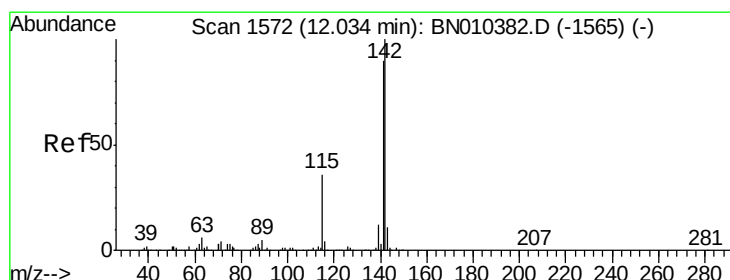
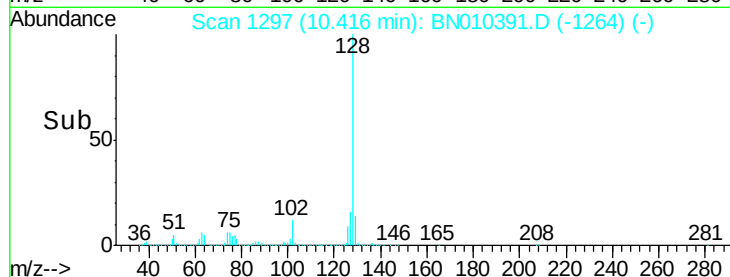
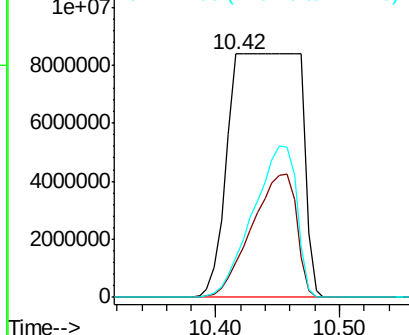
127 16.3 10.8 16.2#

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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: 131.278 ng/ul

RT: 12.05 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BN010391.D

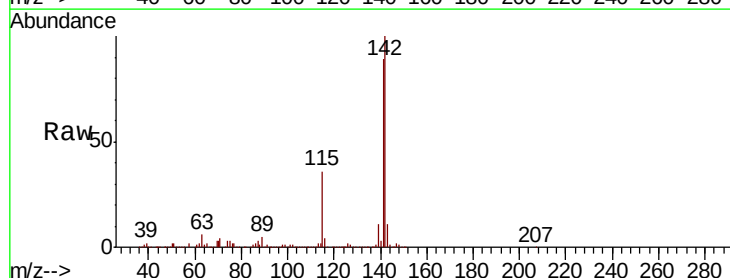
Acq: 02 Apr 2020 14:21

Tgt Ion:142 Resp:10169764

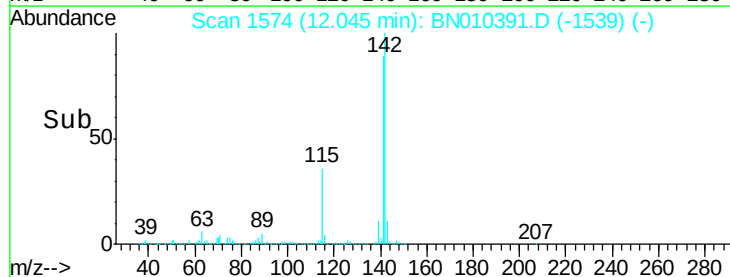
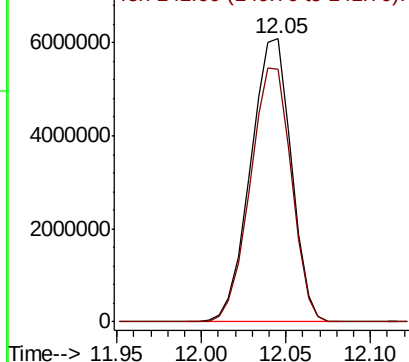
Ion Ratio Lower Upper

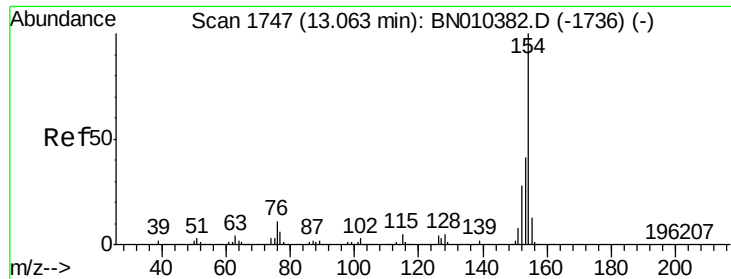
142 100

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





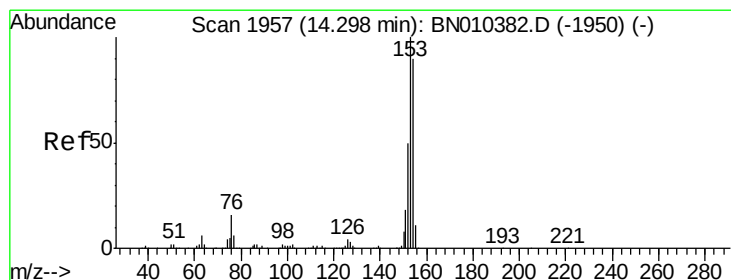
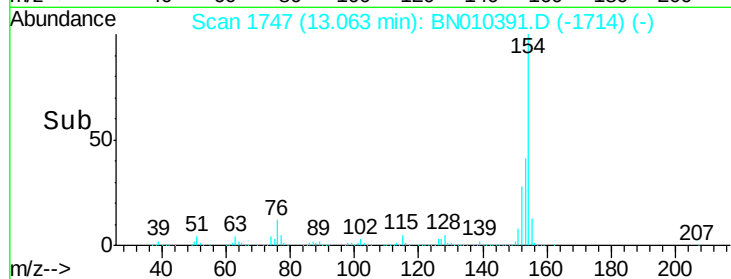
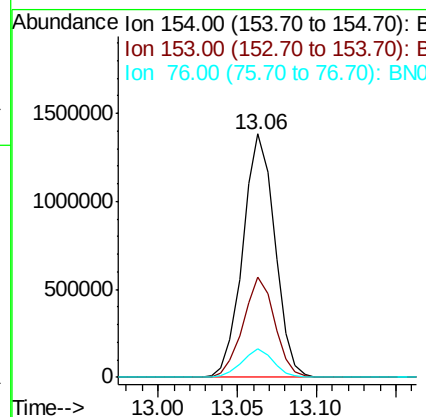
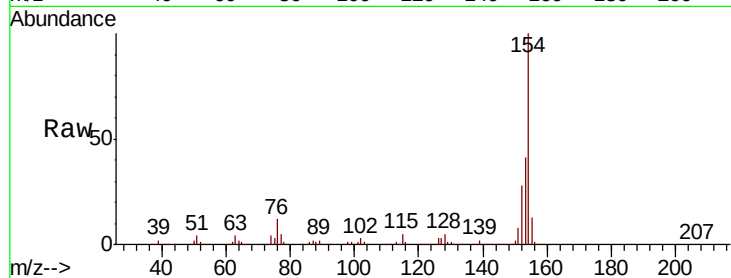
#41
 1,1'-Biphenyl
 Concen: 19.417 ng/ul
 RT: 13.06 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BN010391.D
 Acq: 02 Apr 2020 14:21

Instrument :
 BNA_N
 ClientSampleId :
 DBF07DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	32.6	49.0
76	11.5	9.4	14.2

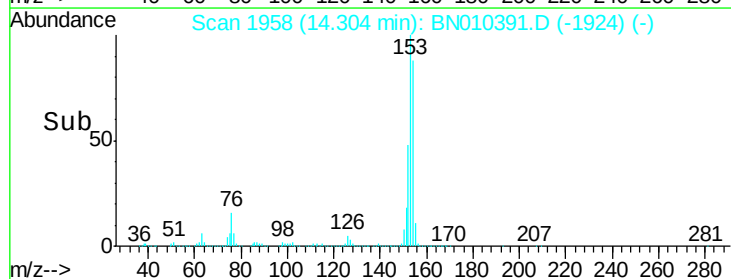
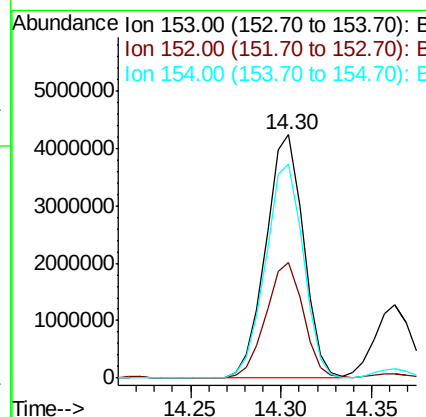
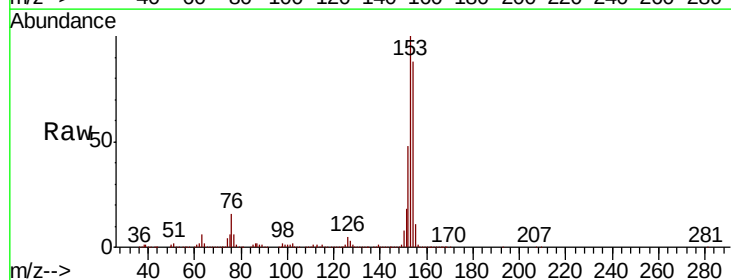
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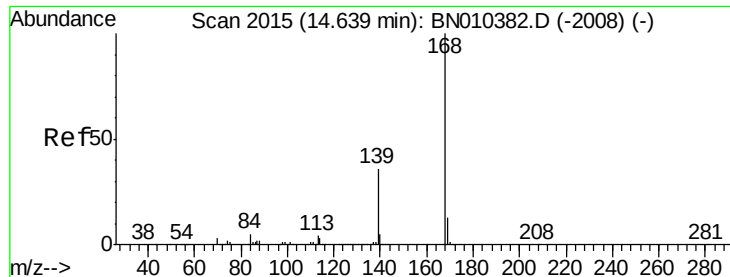
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#50
 Acenaphthene
 Concen: 71.653 ng/ul
 RT: 14.30 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BN010391.D
 Acq: 02 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.8	56.6
154	88.0	69.1	103.7





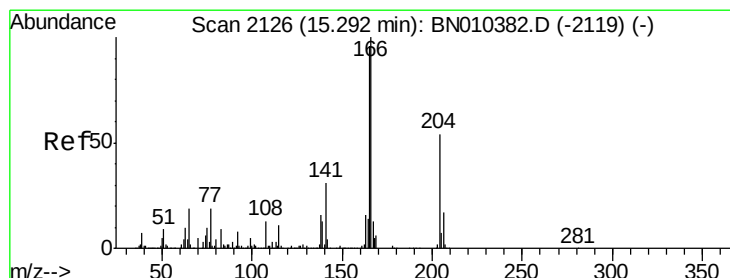
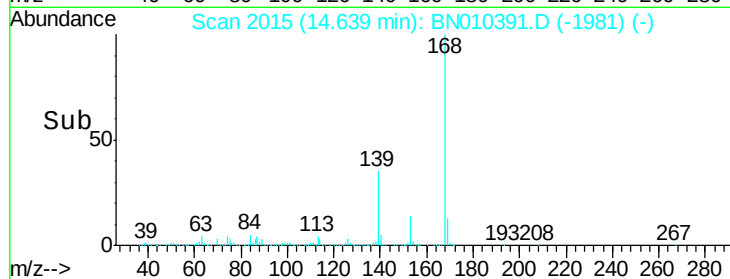
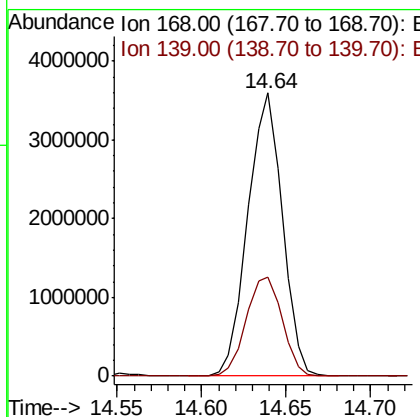
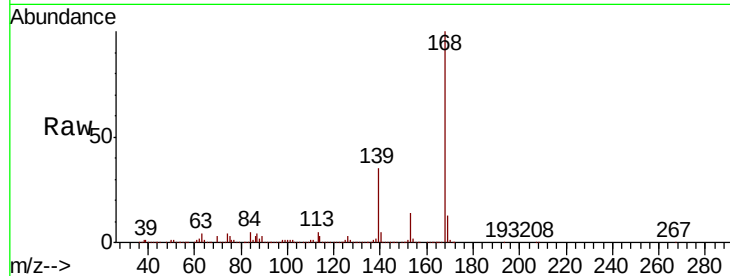
#54
Dibenzenofuran
Concen: 42.455 ng/ul
RT: 14.64 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BN010391.D
Acq: 02 Apr 2020 14:21

Instrument :
BNA_N
ClientSampleId :
DBF07DL

Tot Ion:168 Resp: 5130772
Ion Ratio Lower Upper
168 100
139 34.8 29.0 43.4

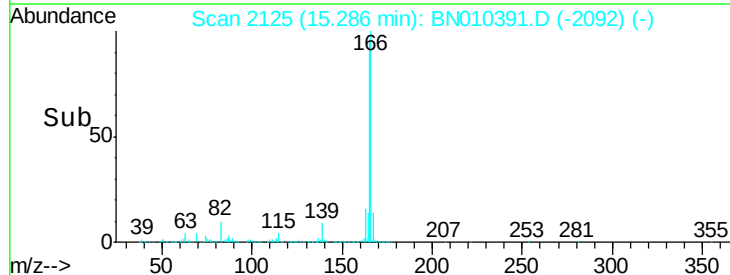
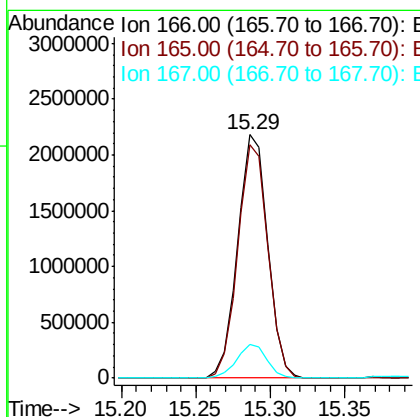
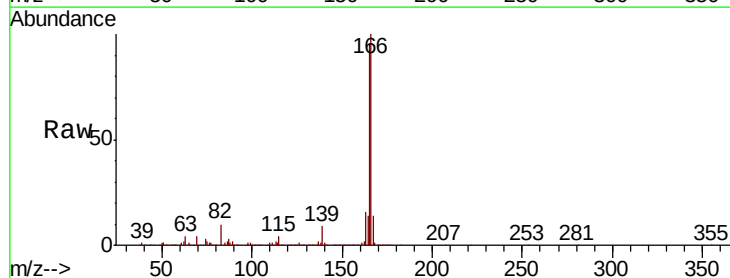
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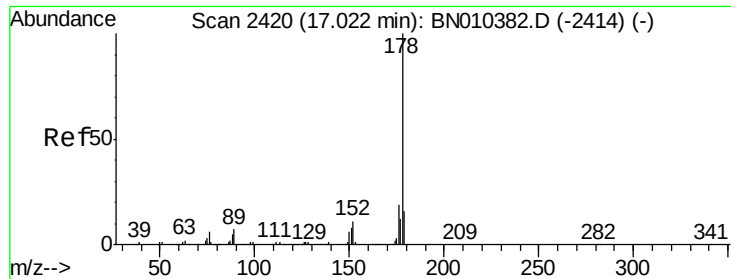
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#59
Fluorene
Concen: 31.022 ng/ul
RT: 15.29 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BN010391.D
Acq: 02 Apr 2020 14:21

Tgt Ion:166 Resp: 3051165
Ion Ratio Lower Upper
166 100
165 95.9 77.6 116.4
167 13.8 10.7 16.1





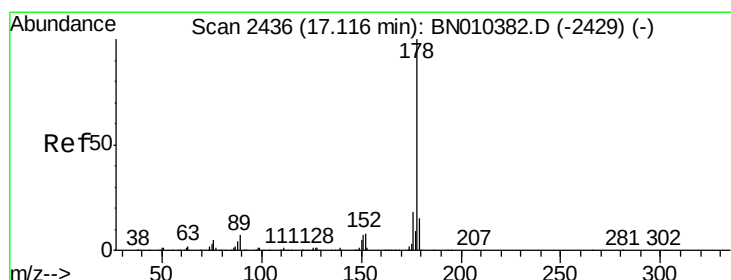
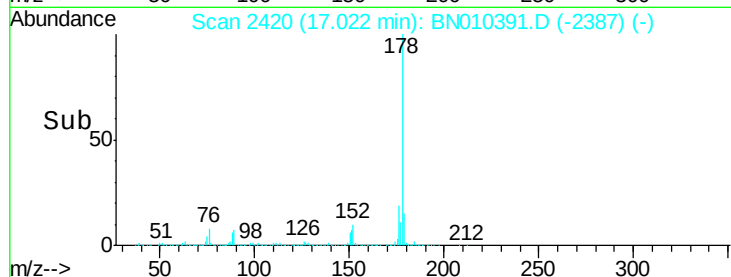
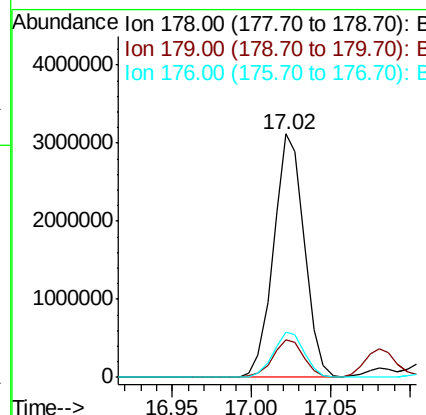
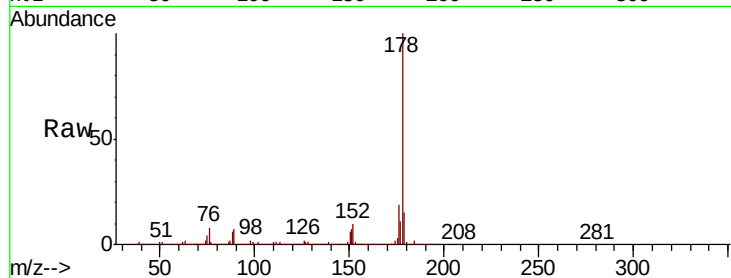
#70
Phenanthrene
Concen: 24.864 ng/ul
RT: 17.02 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BN010391.D
Acq: 02 Apr 2020 14:21

Instrument :
BNA_N
ClientSampleId :
DBF07DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.9	17.9
176	18.5	15.4	23.2

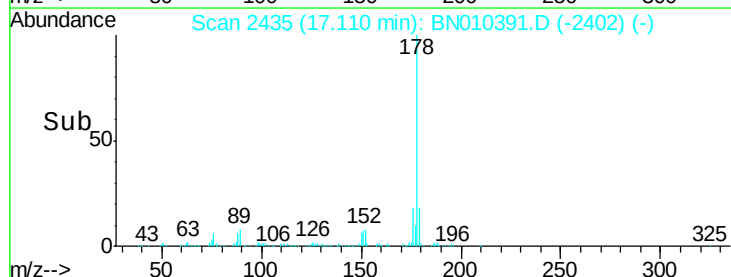
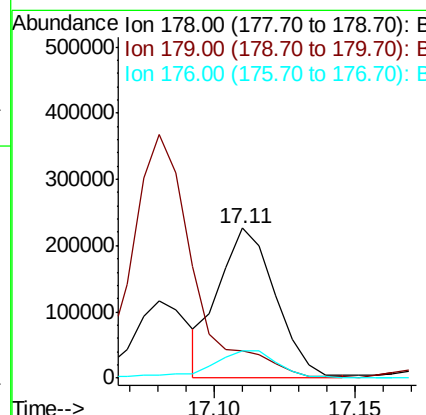
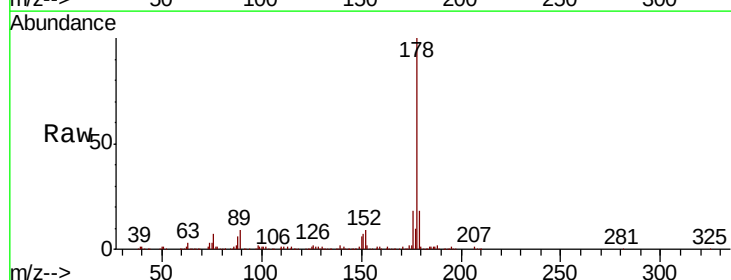
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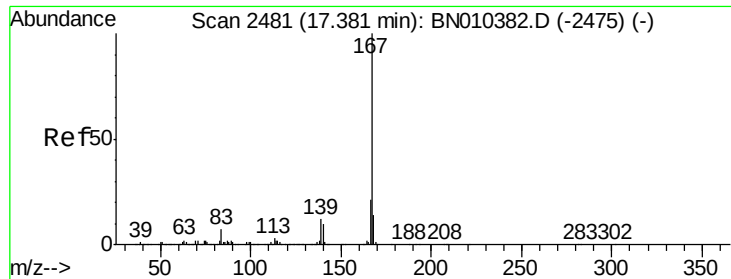
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#72
Anthracene
Concen: 1.878 ng/ul
RT: 17.11 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BN010391.D
Acq: 02 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.9	19.3
176	18.2	15.2	22.8





#75

Carbazole

Concen: 39.553 ng/ul

RT: 17.39 min Scan# 2482

Delta R.T. 0.00 min

Lab File: BN010391.D

Acq: 02 Apr 2020 14:21

Instrument :

BNA_N

ClientSampleID :

DBF07DL

Tot Ion:167 Resp: 5550120

Ion Ratio Lower Upper

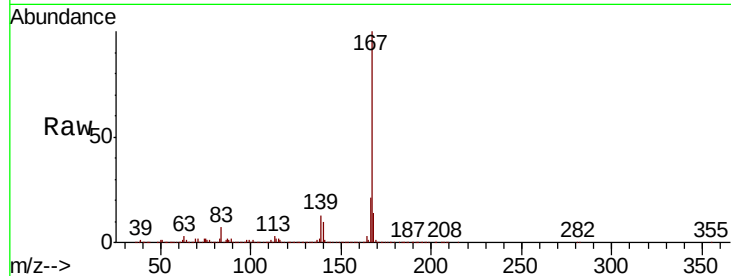
167 100

166 20.9 17.3 25.9

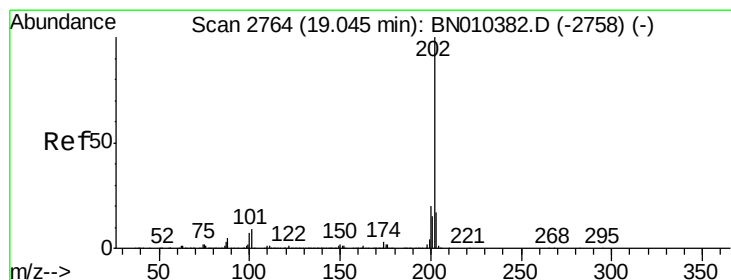
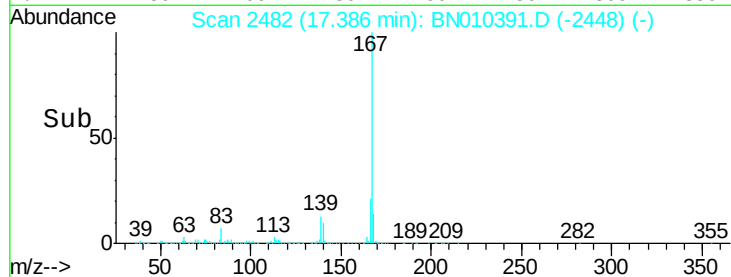
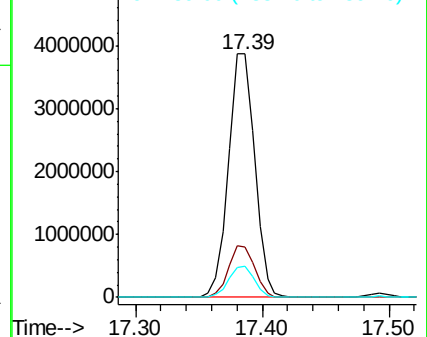
139 12.7 10.0 15.0

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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



#77

Fluoranthene

Concen: 2.621 ng/ul

RT: 19.05 min Scan# 2764

Delta R.T. 0.00 min

Lab File: BN010391.D

Acq: 02 Apr 2020 14:21

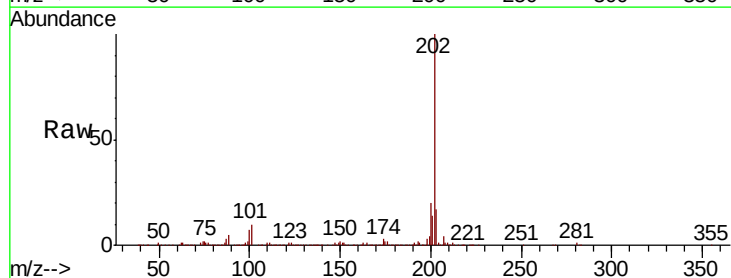
Tgt Ion:202 Resp: 470992

Ion Ratio Lower Upper

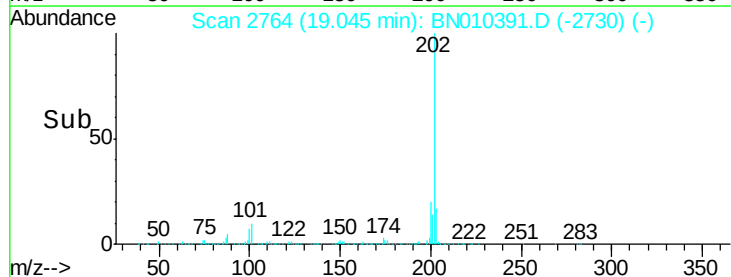
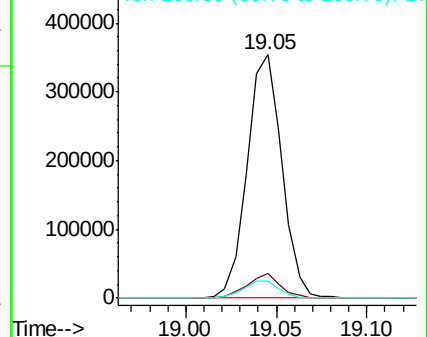
202 100

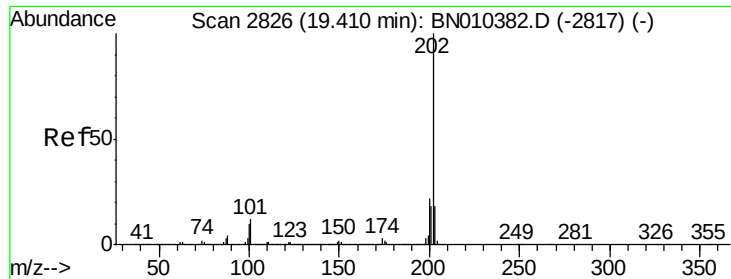
101 9.9 8.1 12.1

100 7.0 6.2 9.4



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





#80
 Pvrene
 Concen: 1.214 ng/ul
 RT: 19.40 min Scan# 2825
 Delta R.T. -0.01 min
 Lab File: BN010391.D
 Acq: 02 Apr 2020 14:21

Instrument :
 BNA_N
 ClientSampleId :
 DBF07DL

Tot Ion:	202	Resp:	286612
Ion Ratio		Lower	Upper
202	100		
101	11.4	9.6	14.4
100	10.4	8.1	12.1

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