

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042720\
 Data File : BN010611.D
 Acq On : 28 Apr 2020 01:58
 Operator : CG/JU
 Sample : L2418-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB614

Manual Integrations
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Quant Time: Apr 28 04:15:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 28 03:22:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	360200	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1607683	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	1046621	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	2384839	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	2546691	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	2293357	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	21450m	3.12	ng/uL	0.00
5) Phenol-d5	6.78	99	202312	7.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	412203	28.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	577227	23.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	396316	16.53	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	349105	28.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	400431	29.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	727464	26.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	917204	29.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	2358869	30.38	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	2776525	29.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	82961m	5.49	ng/ul	0.01
58) Fluorene-d10	15.21	176	2103021	30.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	180844	14.52	ng/ul	0.00
71) Anthracene-d10	17.06	188	3432614	31.08	ng/ul	0.00
79) Pyrene-d10	19.36	212	4009820	27.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	3643158	30.63	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	67702	9.30	ng/uL	93
6) Phenol	6.80	94	43315	1.47	ng/ul	99
16) 4-Methylphenol	8.35	108	756143	30.33	ng/ul	87
28) Naphthalene	10.39	128	505886	5.86	ng/ul	98
34) 2-Methylnaphthalene	12.01	142	330879	5.42	ng/ul	99
41) 1,1'-Biphenyl	13.04	154	84101	1.05	ng/ul#	92
45) Dimethylphthalate	13.68	163	1130650	14.02	ng/ul	100
50) Acenaphthene	14.28	153	1520302	22.07	ng/ul	99
54) Dibenzofuran	14.62	168	849556	8.81	ng/ul	97
59) Fluorene	15.27	166	1093976	13.83	ng/ul	97
70) Phenanthrene	17.00	178	2104745	15.89	ng/ul	97
72) Anthracene	17.09	178	326944	2.44	ng/ul	97
75) Carbazole	17.36	167	1131347	10.26	ng/ul	99
77) Fluoranthene	19.02	202	655063	4.55	ng/ul	97
80) Pyrene	19.39	202	361863	1.97	ng/ul#	94

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

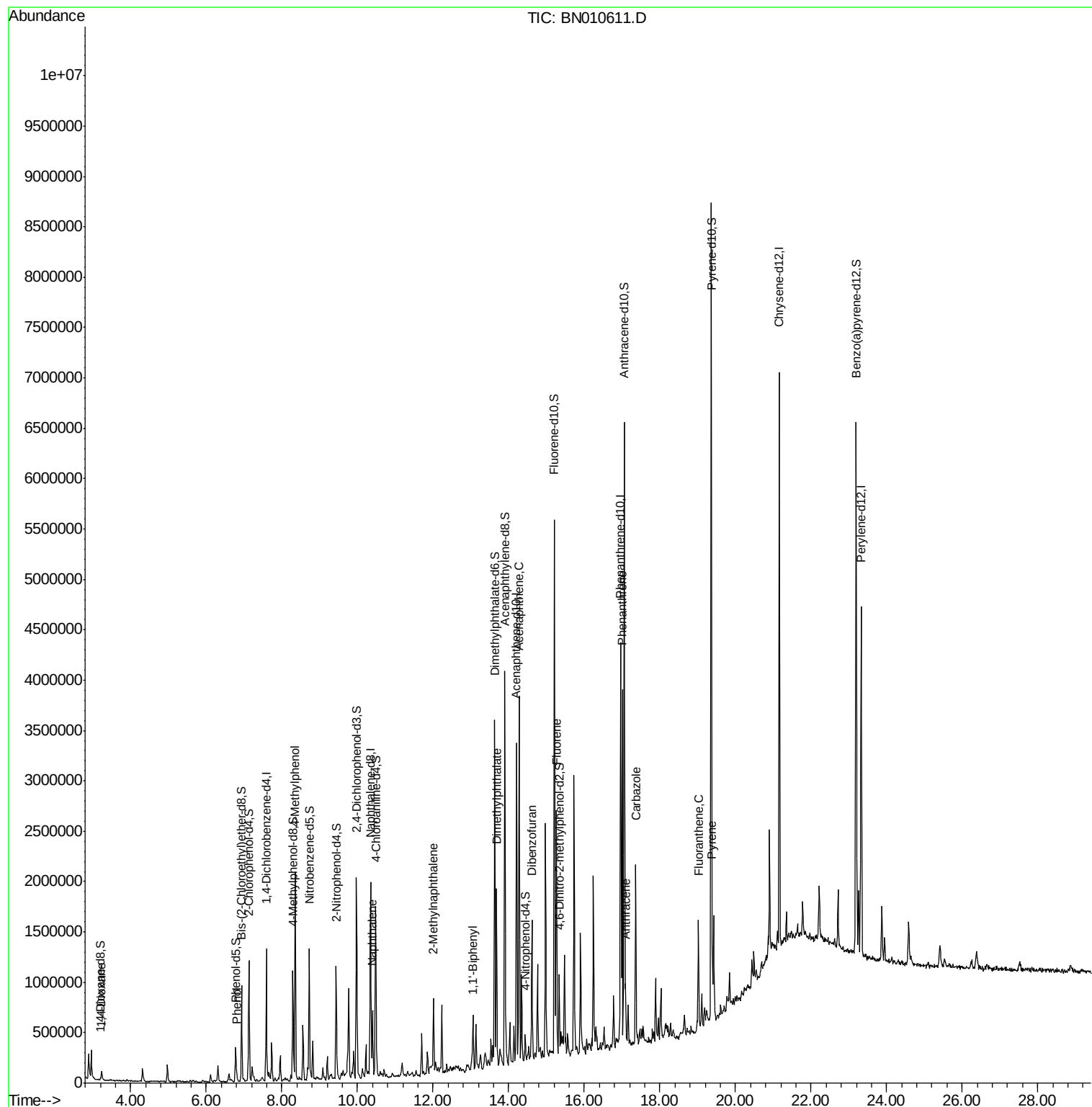
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042720\
Data File : BN010611.D
Acq On : 28 Apr 2020 01:58
Operator : CG/JU
Sample : L2418-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

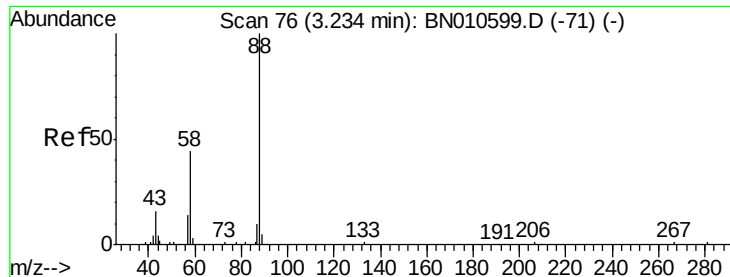
Instrument :
BNA_N
ClientSampleId :
CB614

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Quant Time: Apr 28 04:15:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 28 03:22:45 2020
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 9.30 ng/uL

RT: 3.23 min Scan# 75

Delta R.T. -0.01 min

Lab File: BN010611.D

Acq: 28 Apr 2020 01:58

Instrument :

BNA_N

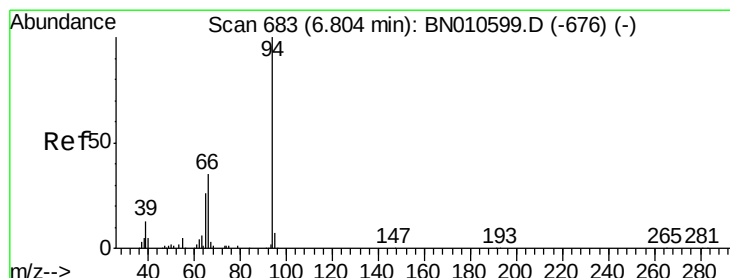
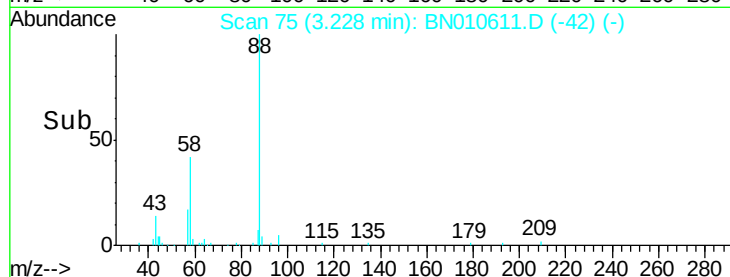
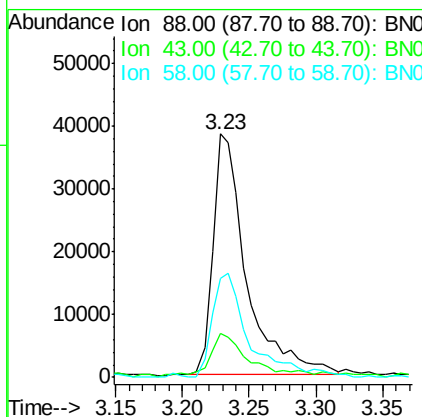
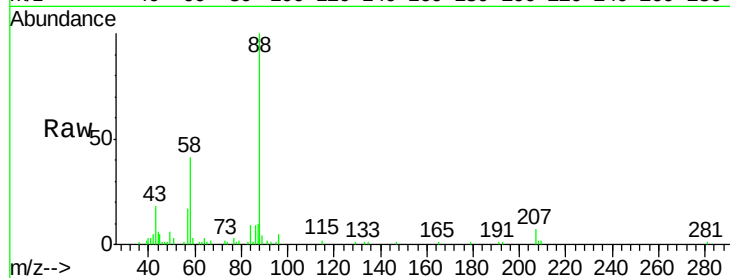
ClientSampled :

CB614

Tgt Ion:	88	Resp:	67702
Ion Ratio	Lower	Upper	
88	100		
43	18.0	16.5	24.7
58	40.8	36.7	55.1

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#6

Phenol

Concen: 1.47 ng/uL

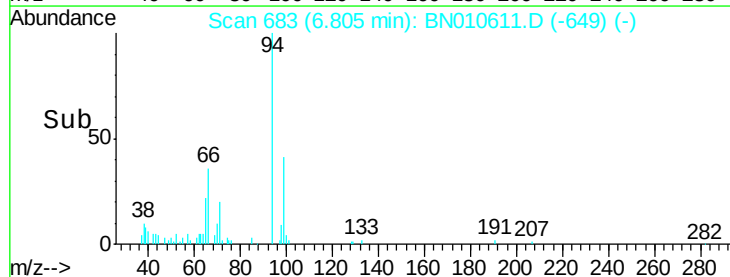
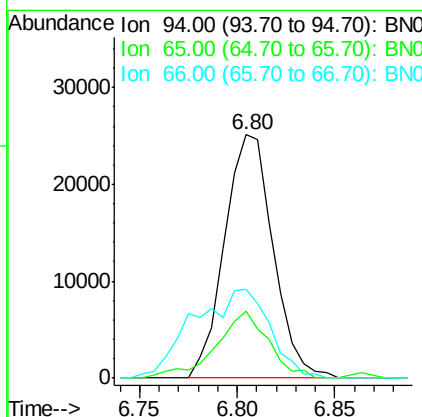
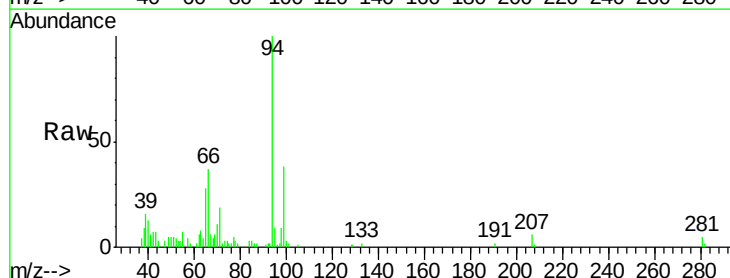
RT: 6.80 min Scan# 683

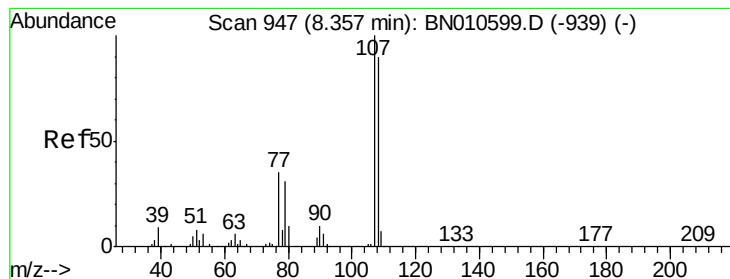
Delta R.T. 0.00 min

Lab File: BN010611.D

Acq: 28 Apr 2020 01:58

Tgt Ion:	94	Resp:	43315
Ion Ratio	Lower	Upper	
94	100		
65	27.7	21.1	31.7
66	36.7	29.3	43.9





#16

4-Methylphenol

Concen: 30.33 ng/ul

RT: 8.35 min Scan# 946

Delta R.T. -0.01 min

Lab File: BN010611.D

Acq: 28 Apr 2020 01:58

Instrument :

BNA_N

ClientSampleId :

CB614

Tgt Ion:108 Resp: 756143

Ion Ratio Lower Upper

108 100

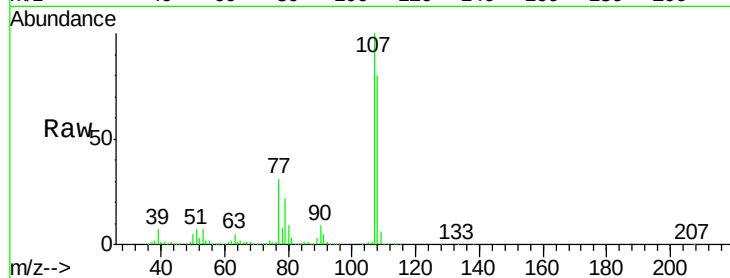
107 124.7 88.4 132.6

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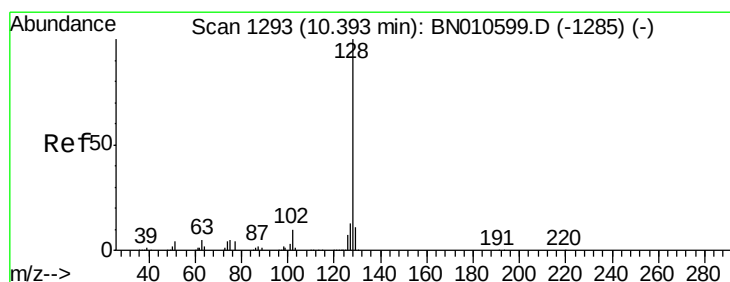
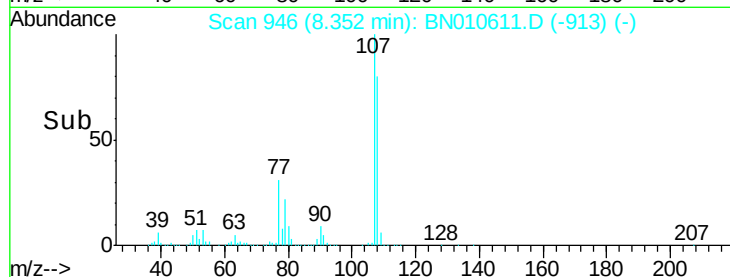
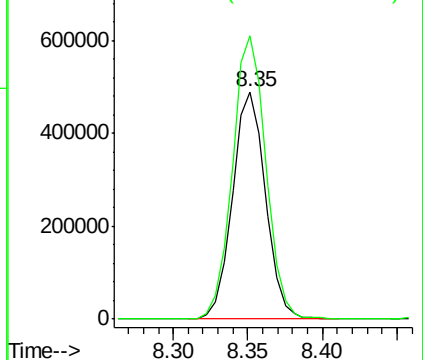
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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#28

Naphthalene

Concen: 5.86 ng/ul

RT: 10.39 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BN010611.D

Acq: 28 Apr 2020 01:58

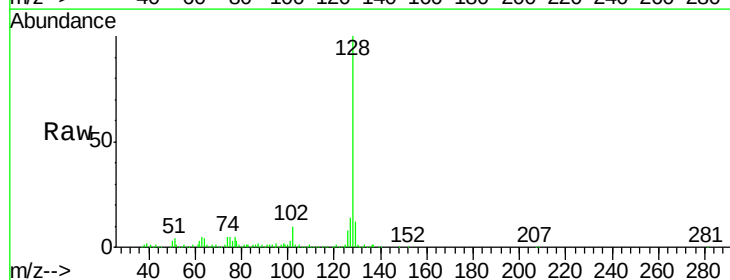
Tgt Ion:128 Resp: 505886

Ion Ratio Lower Upper

128 100

129 12.3 8.6 13.0

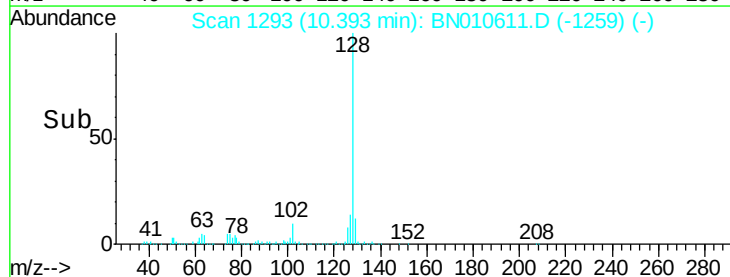
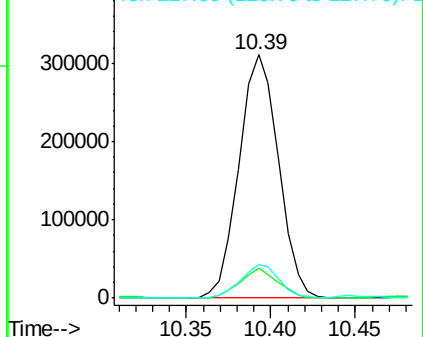
127 13.8 10.7 16.1

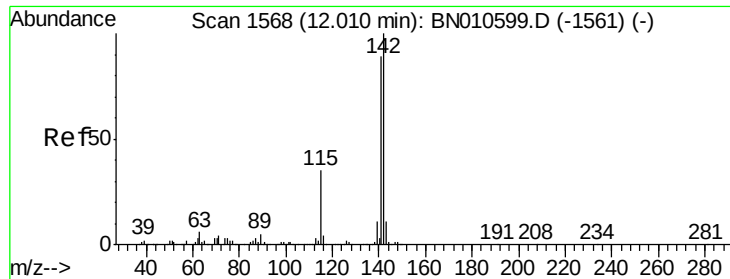


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#34

2-Methylnaphthalene

Concen: 5.42 ng/ul

RT: 12.01 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BN010611.D

Acq: 28 Apr 2020 01:58

Instrument :

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ClientSampleId :

CB614

Tgt Ion:142 Resp: 330879

Ion Ratio Lower Upper

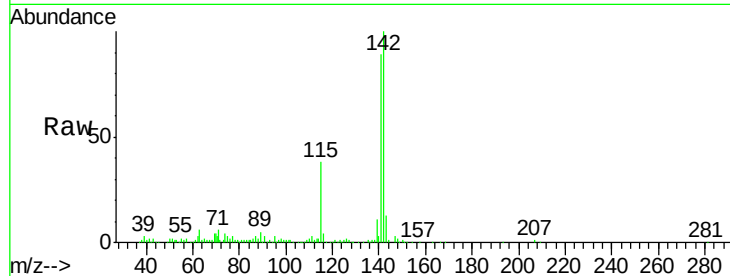
142 100

141 89.2 71.8 107.8

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

250000

200000

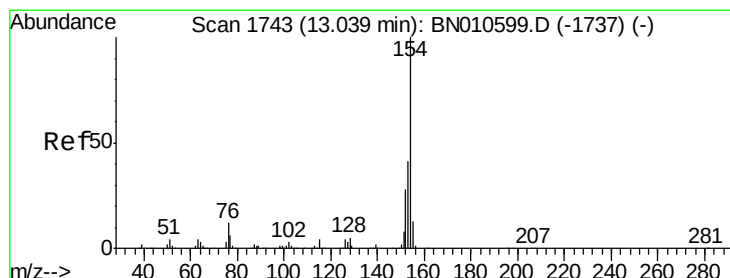
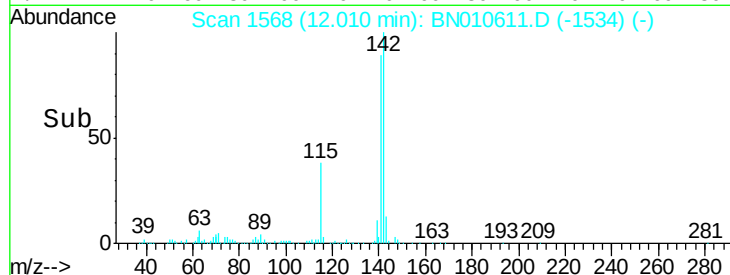
150000

100000

50000

0

Time-->



#41

1,1'-Biphenyl

Concen: 1.05 ng/ul

RT: 13.04 min Scan# 1743

Delta R.T. 0.00 min

Lab File: BN010611.D

Acq: 28 Apr 2020 01:58

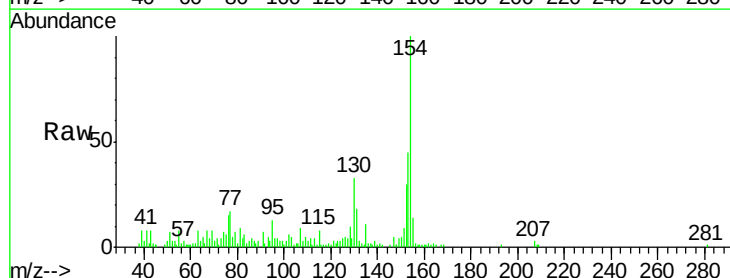
Tgt Ion:154 Resp: 84101

Ion Ratio Lower Upper

154 100

153 45.5 32.6 48.8

76 15.1 9.0 13.6#



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

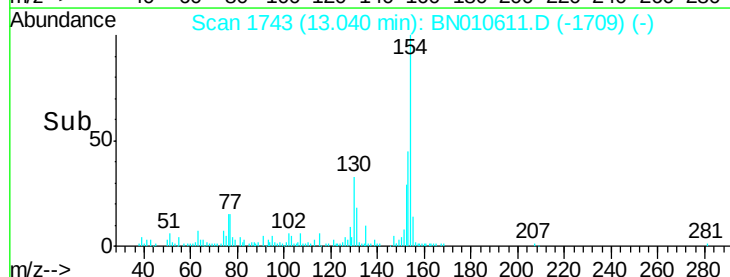
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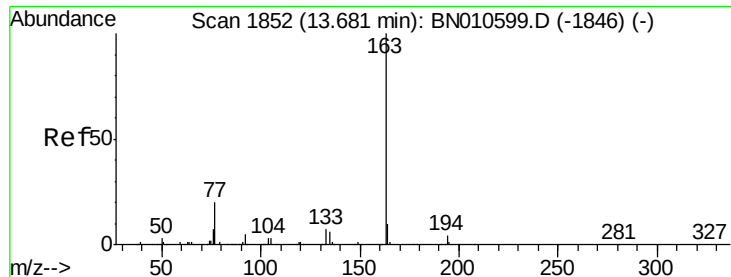
40000

20000

0

Time-->





#45

Dimethylphthalate

Concen: 14.02 ng/ul

RT: 13.68 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BN010611.D

Acq: 28 Apr 2020 01:58

Instrument :

BNA_N

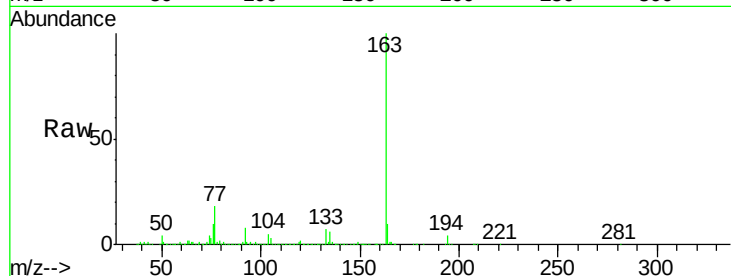
ClientSampled :

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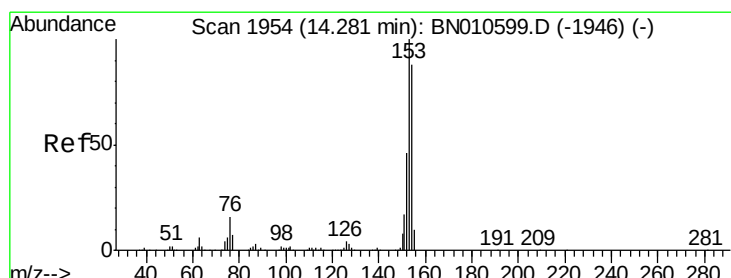
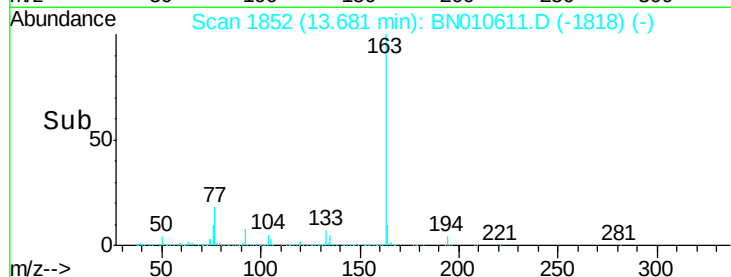
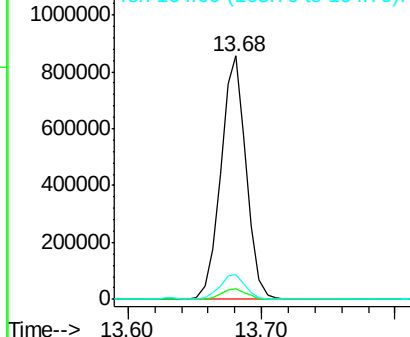
Tgt Ion:	163	Resp:	1130650
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.0	8.0	12.0

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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: 22.07 ng/ul

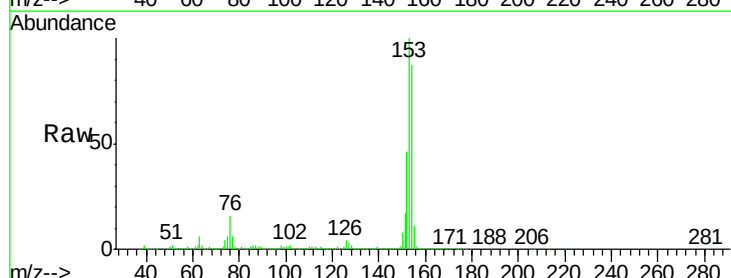
RT: 14.28 min Scan# 1954

Delta R.T. 0.00 min

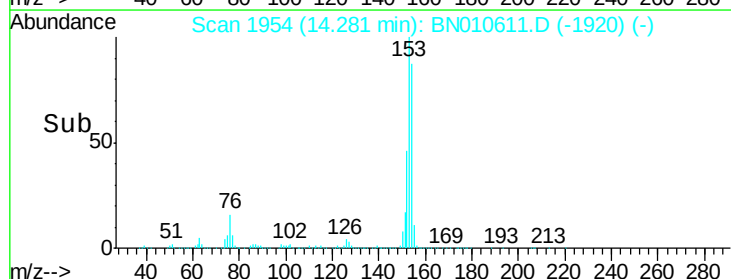
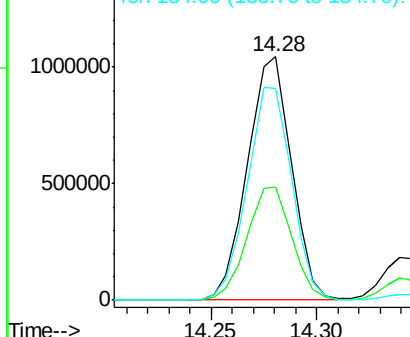
Lab File: BN010611.D

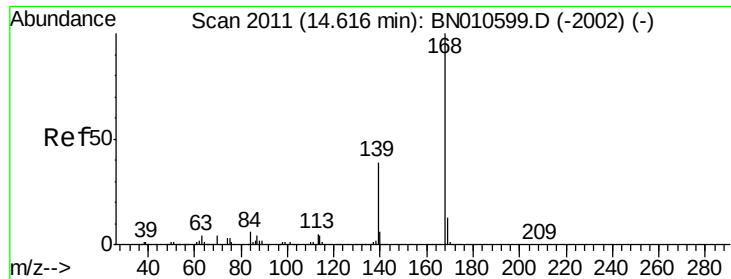
Acq: 28 Apr 2020 01:58

Tgt Ion:	153	Resp:	1520302
Ion	Ratio	Lower	Upper
153	100		
152	46.3	36.8	55.2
154	87.0	68.2	102.2



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





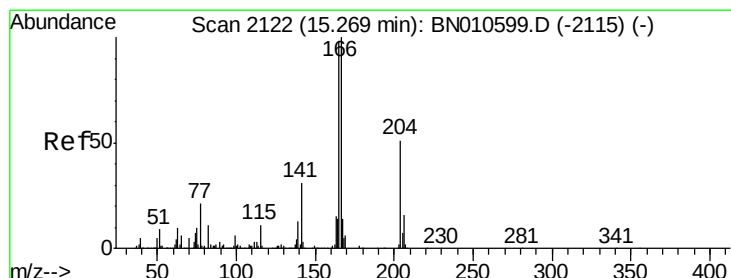
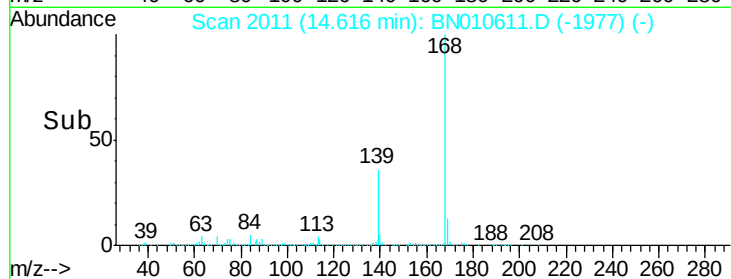
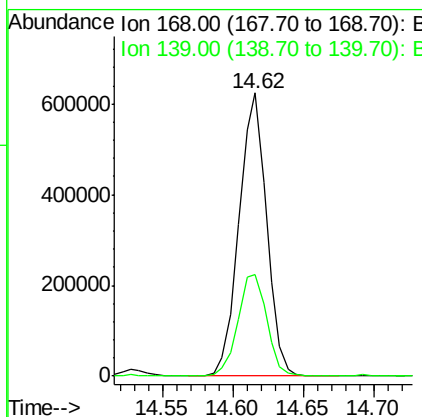
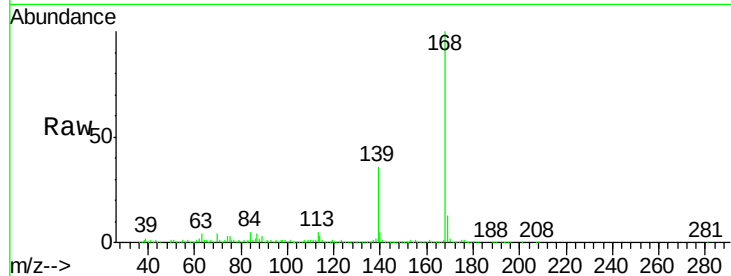
#54
Dibenzenofuran
Concen: 8.81 ng/ul
RT: 14.62 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BN010611.D
Acq: 28 Apr 2020 01:58

Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 849556
Ion Ratio Lower Upper
168 100
139 35.9 30.2 45.4

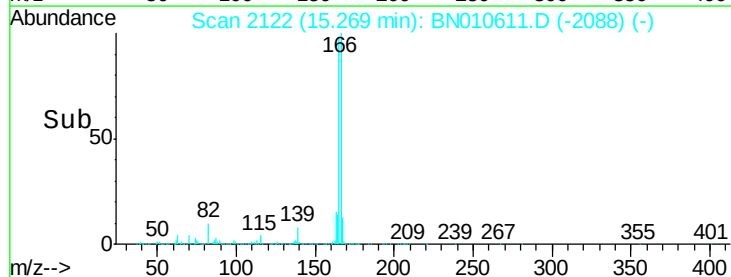
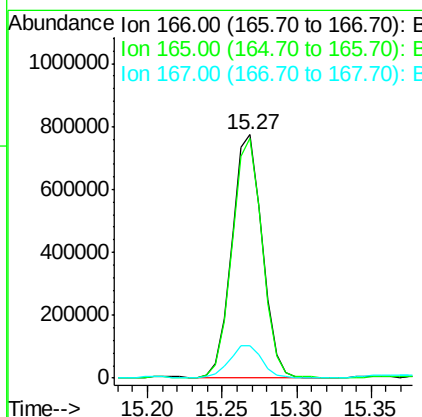
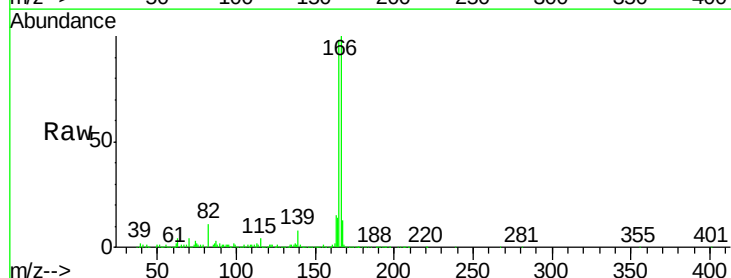
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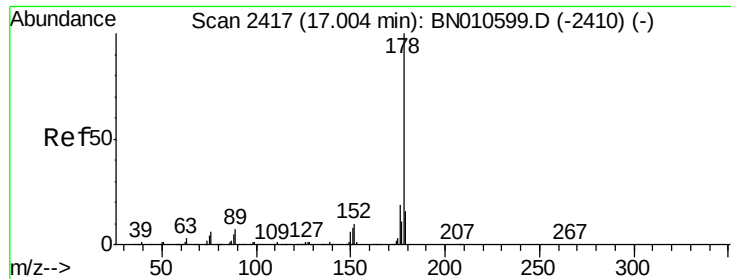
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#59
Fluorene
Concen: 13.83 ng/ul
RT: 15.27 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BN010611.D
Acq: 28 Apr 2020 01:58

Tgt Ion:166 Resp: 1093976
Ion Ratio Lower Upper
166 100
165 98.4 75.9 113.9
167 13.4 11.2 16.8





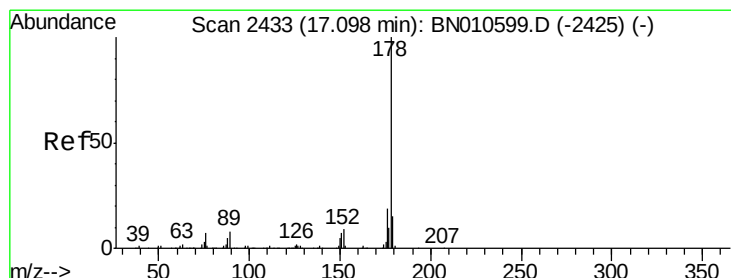
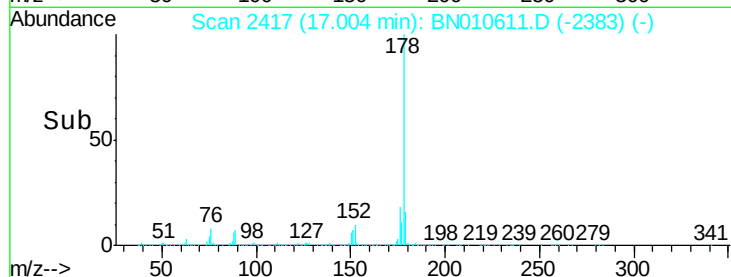
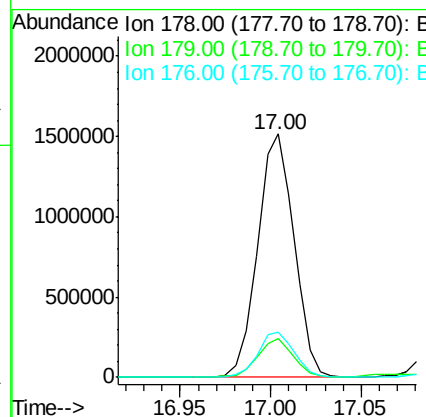
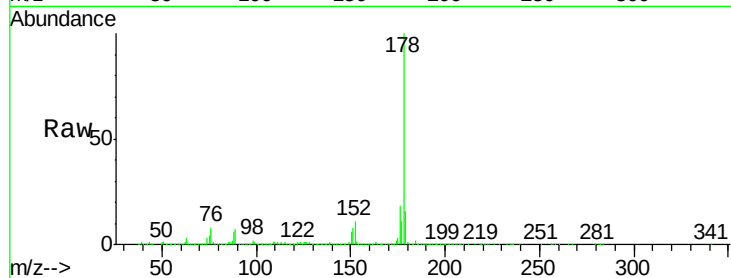
#70
Phenanthrene
Concen: 15.89 ng/ul
RT: 17.00 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BN010611.D
Acq: 28 Apr 2020 01:58

Instrument :
BNA_N
ClientSampleId :
CB614

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.4	17.2
176	18.4	15.3	22.9

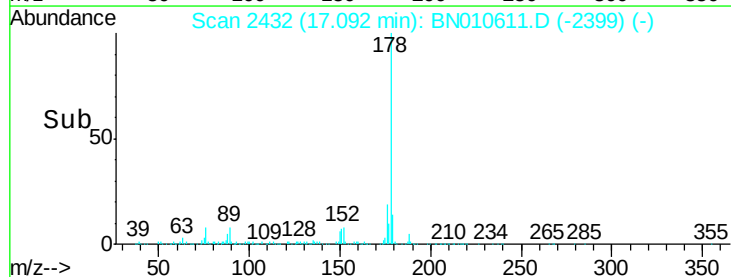
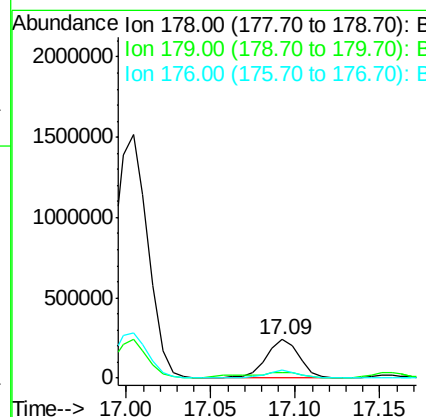
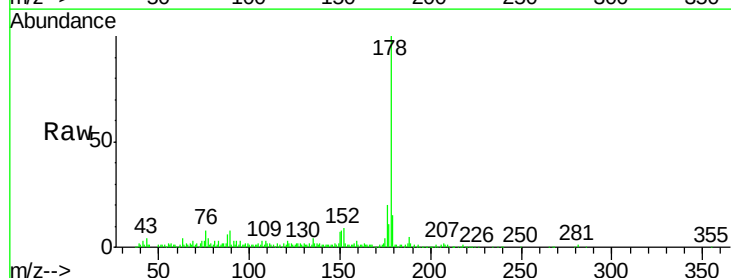
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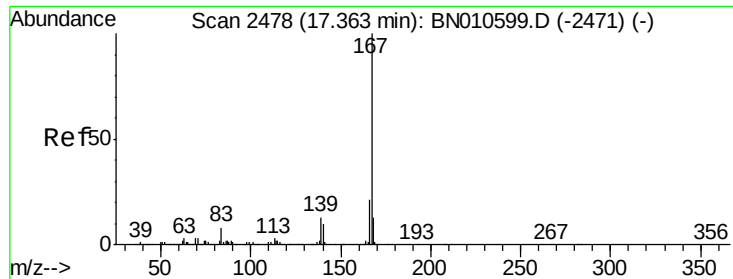
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#72
Anthracene
Concen: 2.44 ng/ul
RT: 17.09 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BN010611.D
Acq: 28 Apr 2020 01:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	19.8	14.2	21.4





#75

Carbazole

Concen: 10.26 ng/ul

RT: 17.36 min Scan# 2478

Delta R.T. 0.00 min

Lab File: BN010611.D

Acq: 28 Apr 2020 01:58

Instrument :

BNA_N

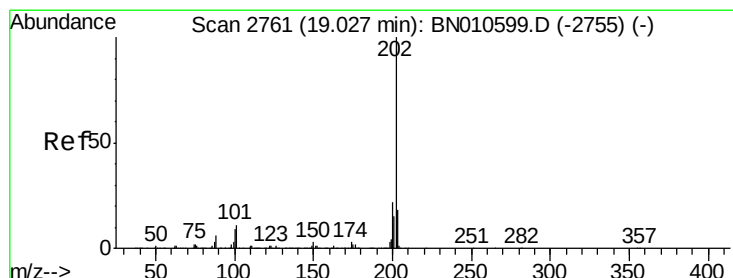
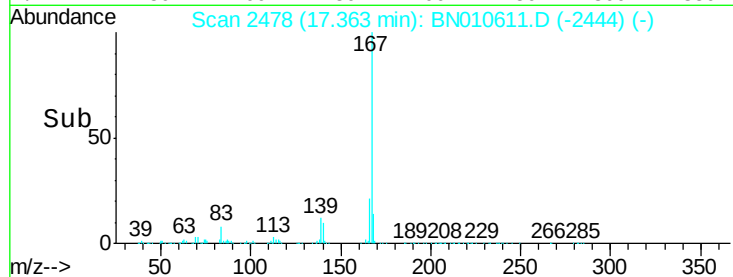
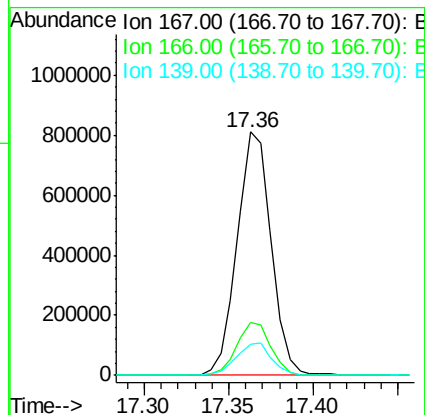
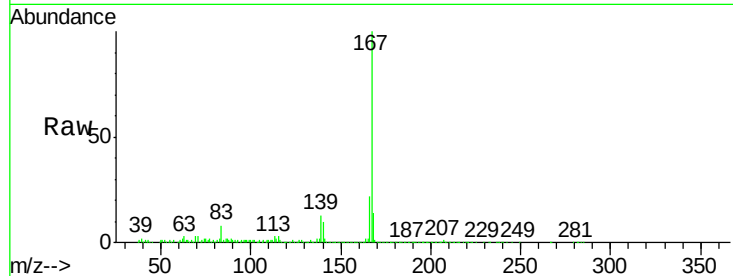
ClientSampled :

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Tgt Ion:	167	Resp:	1131347
Ion Ratio	Lower	Upper	
167	100		
166	21.5	16.8	25.2
139	12.6	10.1	15.1

Manual Integrations
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#77

Fluoranthene

Concen: 4.55 ng/ul

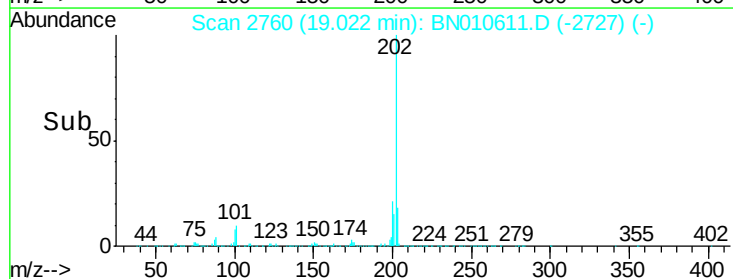
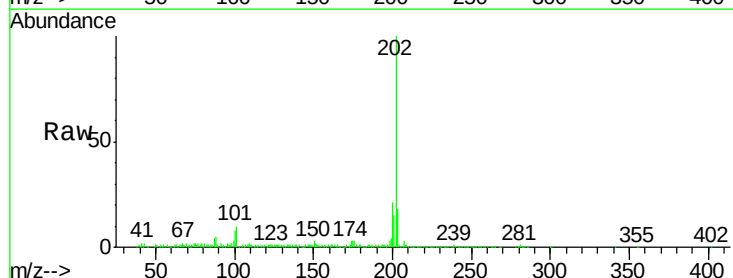
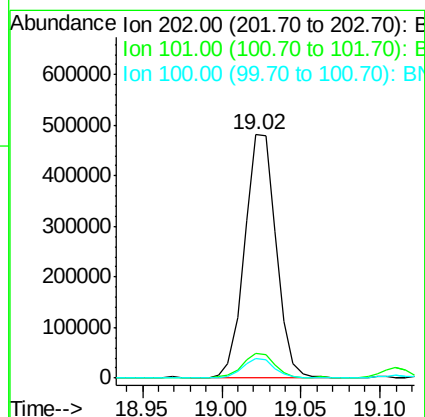
RT: 19.02 min Scan# 2760

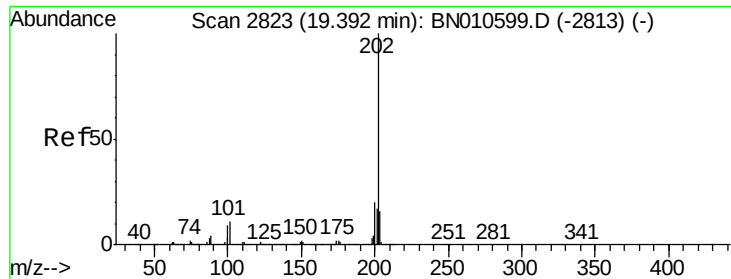
Delta R.T. -0.01 min

Lab File: BN010611.D

Acq: 28 Apr 2020 01:58

Tgt Ion:	202	Resp:	655063
Ion Ratio	Lower	Upper	
202	100		
101	9.9	7.1	10.7
100	7.9	5.5	8.3





#80
 Pyrene
 Concen: 1.97 ng/ul
 RT: 19.39 min Scan# 2822
 Delta R.T. -0.01 min
 Lab File: BN010611.D
 Acq: 28 Apr 2020 01:58

Instrument :
 BNA_N
 ClientSampleId :
 CB614

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.2	8.6	13.0#
100	10.8	7.0	10.6#

Manual Integrations
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