

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
 Data File : BN007811.D
 Acq On : 23 Sep 2019 20:53
 Operator : HP/JU
 Sample : K4895-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 24 01:15:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 23 15:18:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	552591	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	2279516	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	1454837	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	3141643	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	3337479	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	3788922	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	20028	1.38	ng/uL	0.01
5) Phenol-d5	6.86	99	343368	6.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	724620	24.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	794920	21.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	561930	14.01	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	481930	28.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	455019	28.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	902461	24.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	1324909	27.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	3187393	27.53	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	3492748	26.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	123321	5.99	ng/ul	0.00
57) Fluorene-d10	15.31	176	2846316	28.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	424643	25.05	ng/ul	0.00
70) Anthracene-d10	17.16	188	4841145	30.96	ng/ul	0.00
78) Pyrene-d10	19.46	212	5760918	32.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	6239297	31.65	ng/ul	0.00

Target Compounds

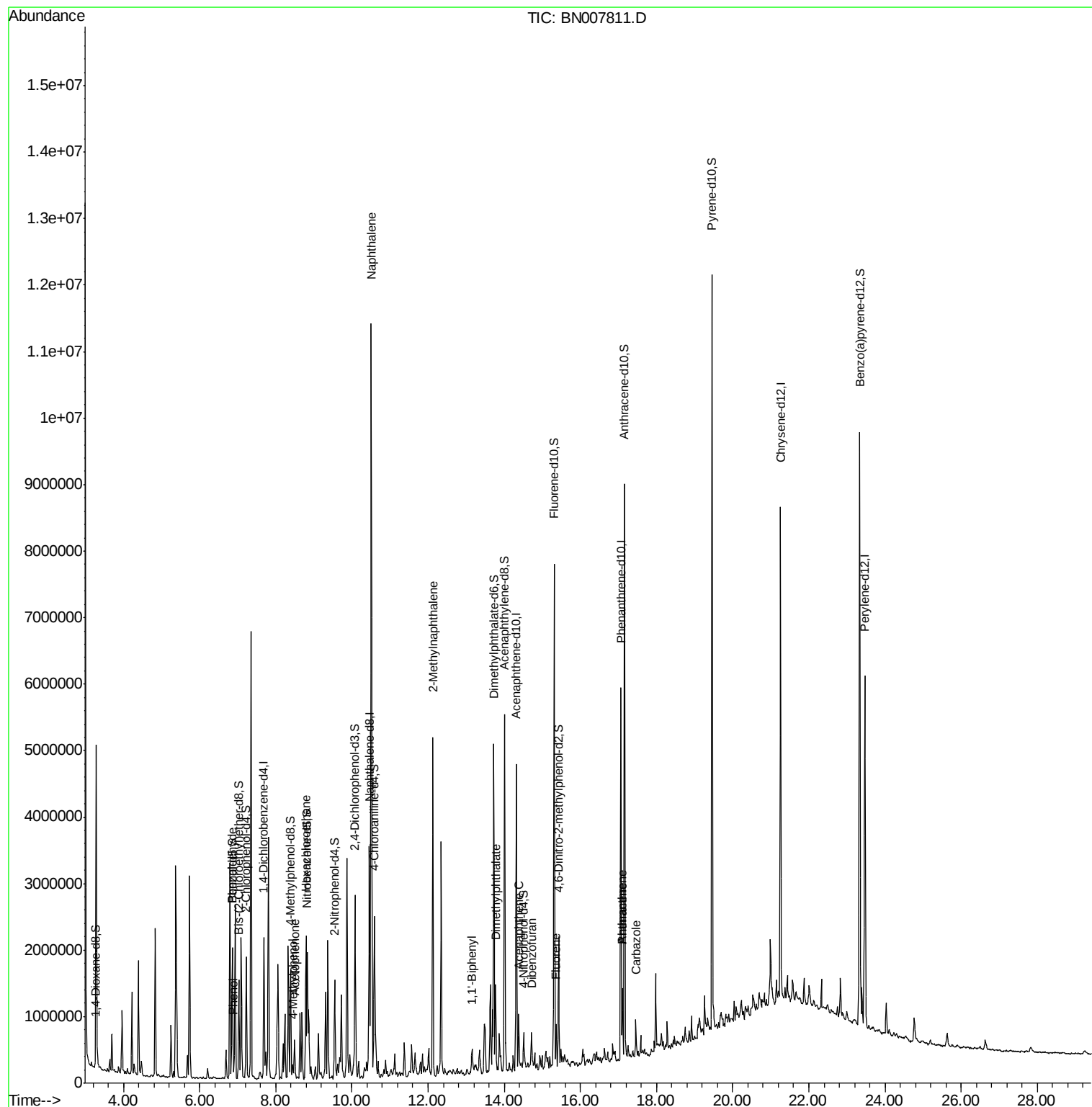
					Ovalue	
4) Benzaldehyde	6.85	77	121052	4.099	ng/ul#	1
6) Phenol	6.89	94	77673	1.359	ng/ul	97
14) Acetophenone	8.49	105	395291	6.091	ng/ul#	32
16) 4-Methylphenol	8.45	108	81211	1.826	ng/ul	94
17) Hexachloroethane	8.79	117	243849	14.514	ng/ul#	7
28) Naphthalene	10.51	128	8539964	66.437	ng/ul	100
34) 2-Methylnaphthalene	12.13	142	2366296	25.494	ng/ul	98
40) 1,1'-Biphenyl	13.15	154	164227	1.391	ng/ul	97
44) Dimethylphthalate	13.77	163	792254	6.714	ng/ul	100
49) Acenaphthene	14.38	153	315740	3.214	ng/ul	99
53) Dibenzofuran	14.72	168	229876	1.613	ng/ul	99
58) Fluorene	15.37	166	247658	2.160	ng/ul#	98
69) Phenanthrene	17.10	178	629162	3.377	ng/ul	99
71) Anthracene	17.10	178	629626	3.376	ng/ul	100
74) Carbazole	17.46	167	369378	2.342	ng/ul	98

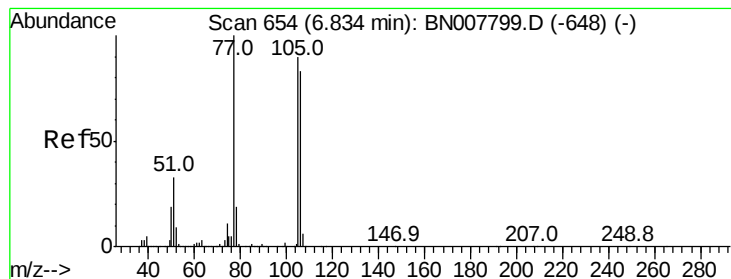
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092319\
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Quant Time: Sep 24 01:15:04 2019
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 23 15:18:07 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 4.099 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.02 min

Lab File: BN007811.D

Acq: 23 Sep 2019 20:53

Instrument :

BNA_N

ClientSampleId :

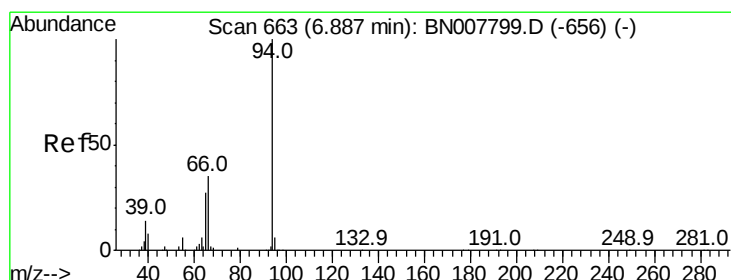
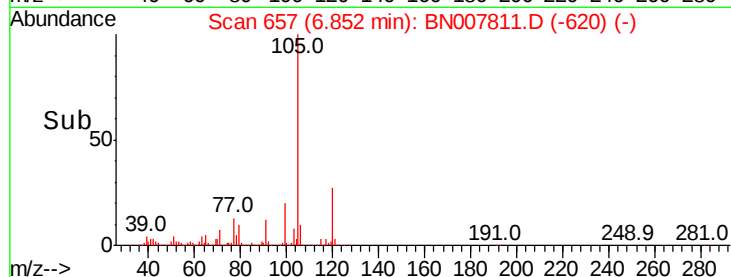
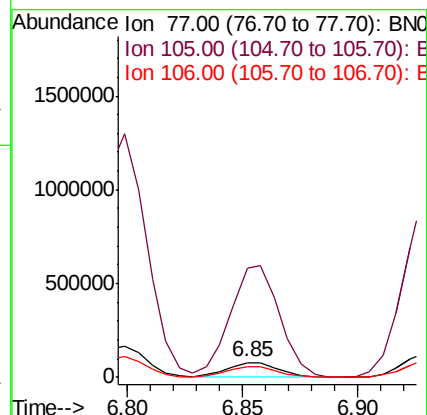
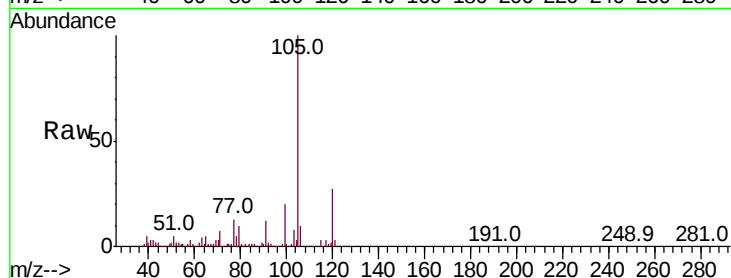
Tot Ion: 77 Resp: 121052

Ion Ratio Lower Upper

77 100

105 754.4 72.2 108.4#

106 73.5 69.6 104.4



#6

Phenol

Concen: 1.359 ng/ul

RT: 6.89 min Scan# 663

Delta R.T. 0.00 min

Lab File: BN007811.D

Acq: 23 Sep 2019 20:53

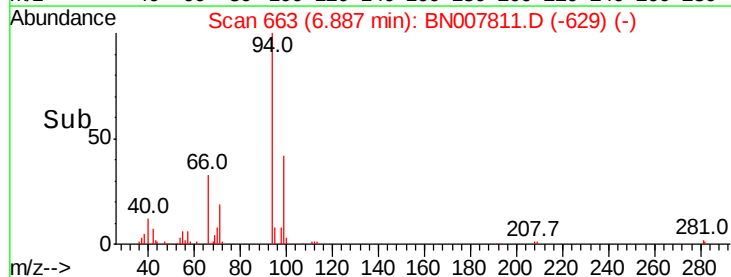
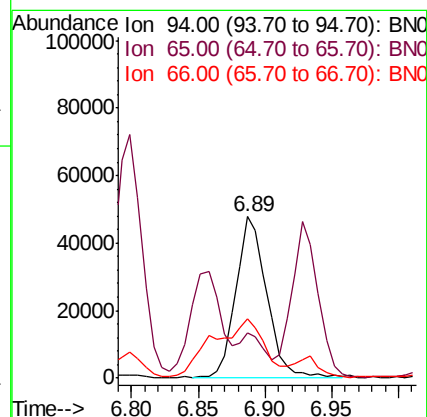
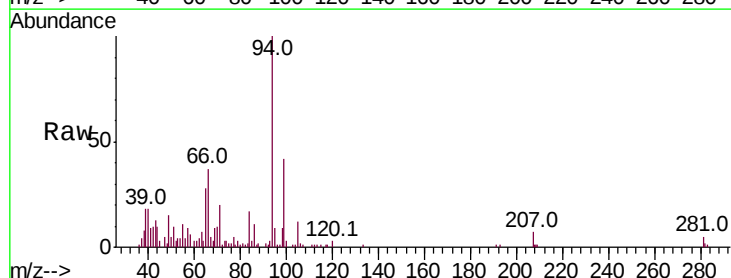
Tgt Ion: 94 Resp: 77673

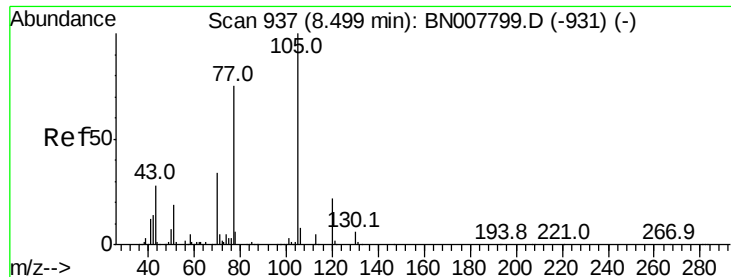
Ion Ratio Lower Upper

94 100

65 28.1 20.7 31.1

66 37.1 28.6 42.8





#14

Acetophenone

Concen: 6.091 ng/ul

RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BN007811.D

Acq: 23 Sep 2019 20:53

Instrument :

BNA_N

ClientSampleId :

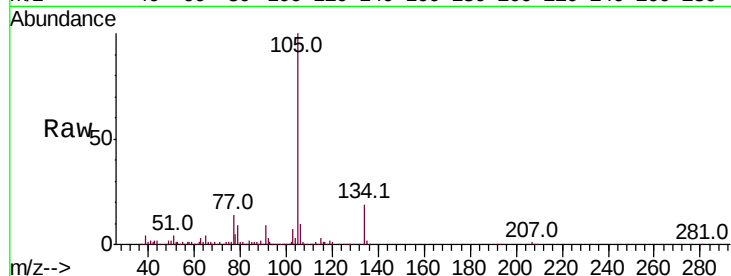
Tot Ion:105 Resp: 395291

Ion Ratio Lower Upper

105 100

77 14.3 66.5 99.7#

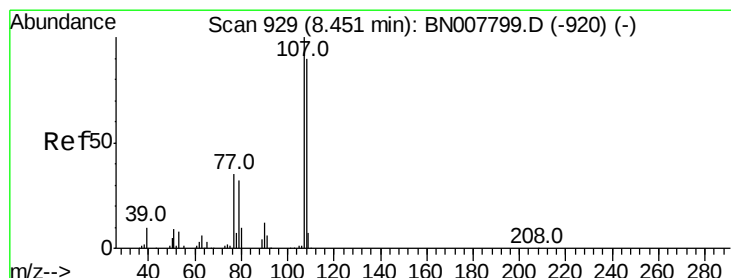
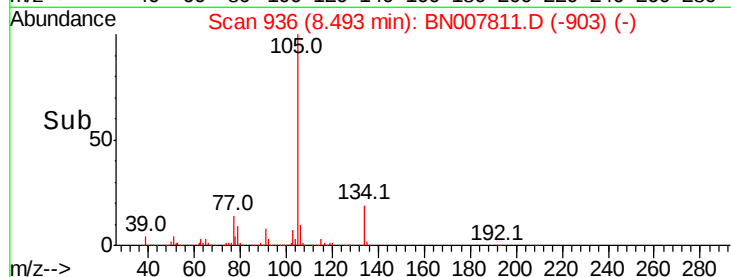
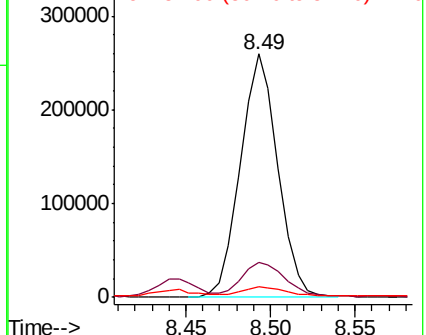
51 4.3 16.3 24.5#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#16

4-Methylphenol

Concen: 1.826 ng/ul

RT: 8.45 min Scan# 928

Delta R.T. -0.01 min

Lab File: BN007811.D

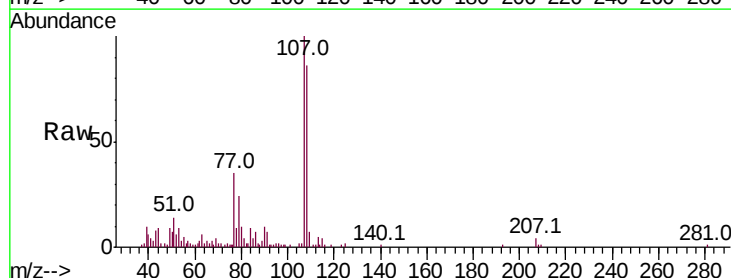
Acq: 23 Sep 2019 20:53

Tgt Ion:108 Resp: 81211

Ion Ratio Lower Upper

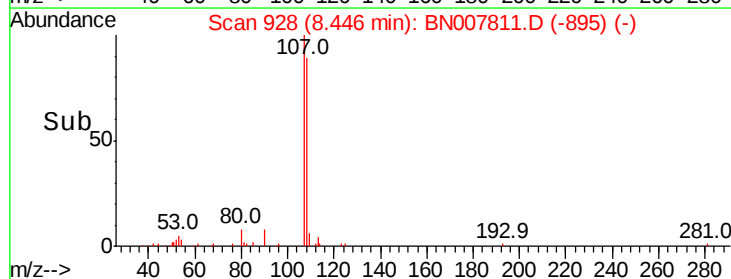
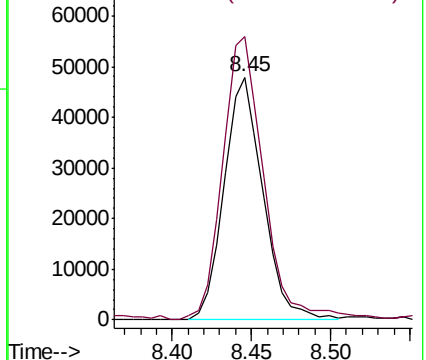
108 100

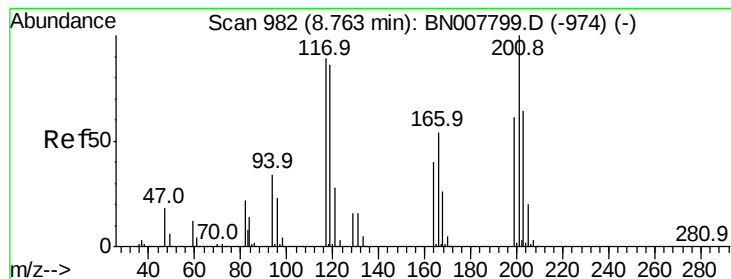
107 116.7 88.0 132.0



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 14.514 ng/ul

RT: 8.79 min Scan# 987

Delta R.T. 0.03 min

Lab File: BN007811.D

Acq: 23 Sep 2019 20:53

Instrument :

BNA_N

ClientSampled :

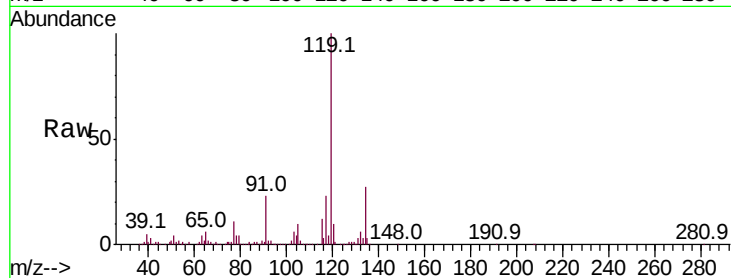
Tot Ion:117 Resp: 243849

Ion Ratio Lower Upper

117 100

201 0.0 81.4 122.0#

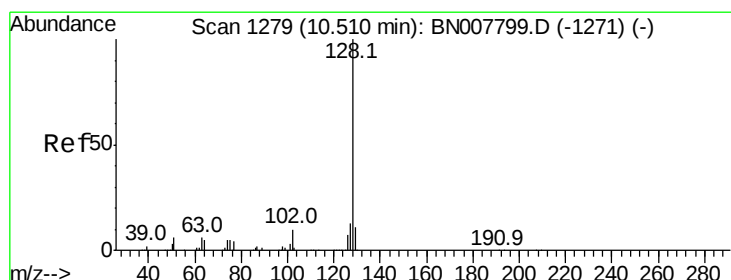
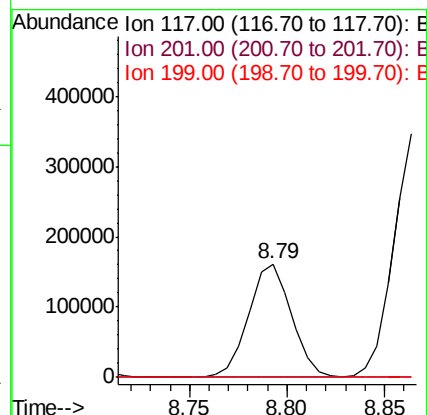
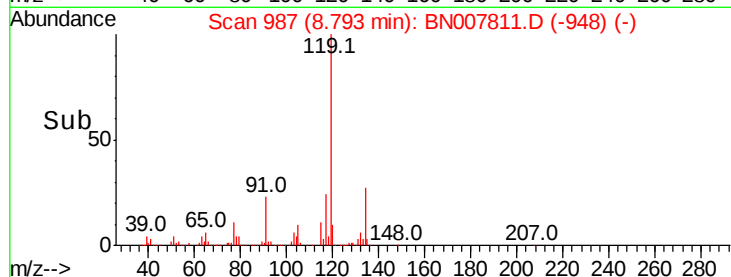
199 0.0 50.8 76.2#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#28

Naphthalene

Concen: 66.437 ng/ul

RT: 10.51 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BN007811.D

Acq: 23 Sep 2019 20:53

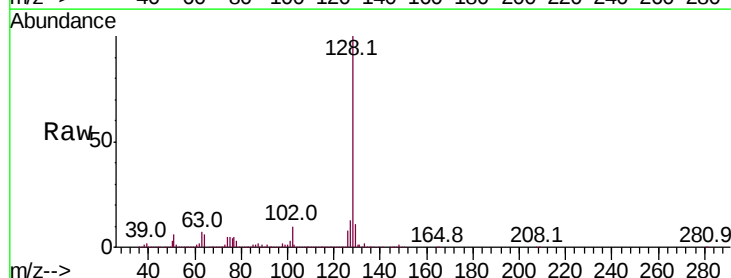
Tgt Ion:128 Resp: 8539964

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.4

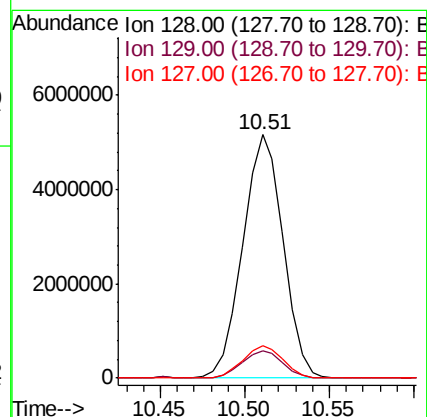
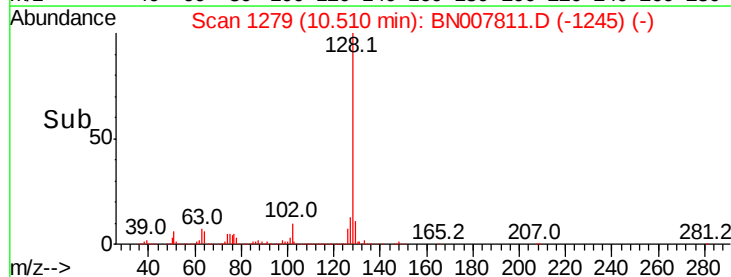
127 13.5 11.0 16.4

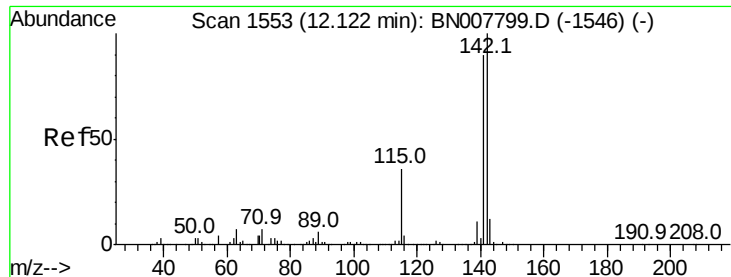


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

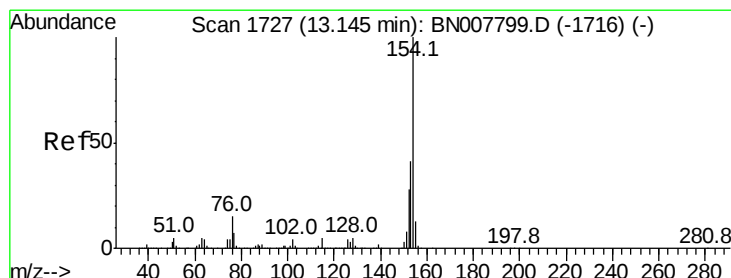
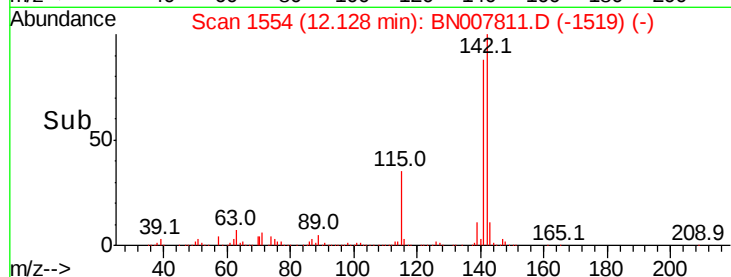
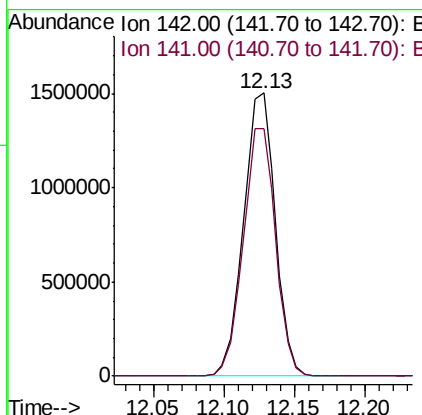
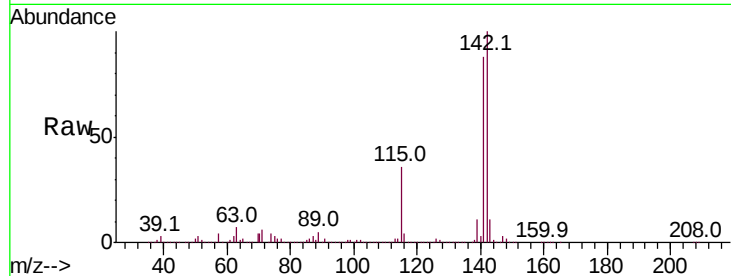




#34
 2-Methylnaphthalene
 Concen: 25.494 ng/ul
 RT: 12.13 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BN007811.D
 Acq: 23 Sep 2019 20:53

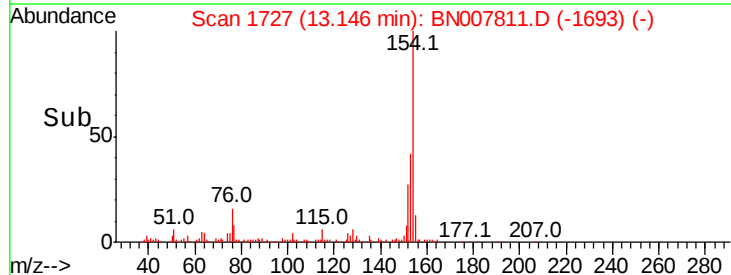
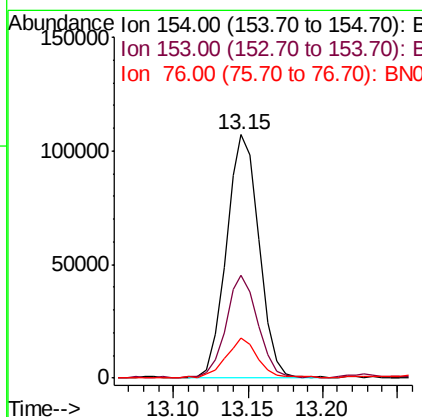
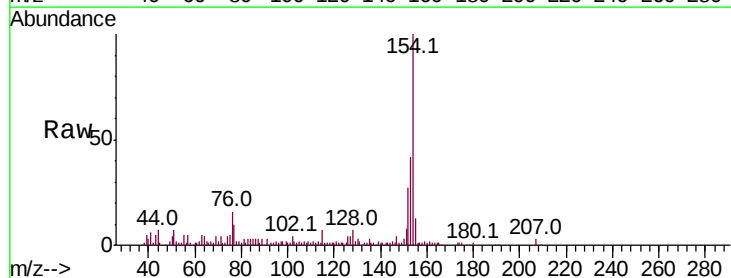
Instrument :
 BNA_N
 ClientSampleId :

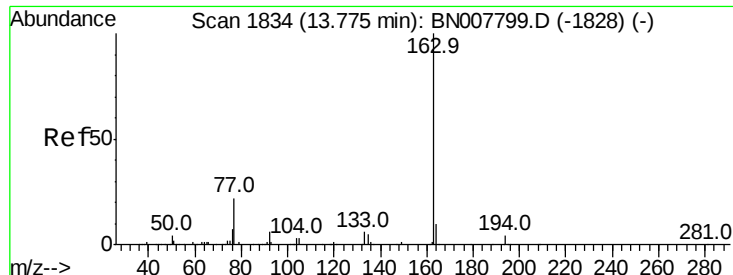
Tot Ion:142 Resp: 2366296
 Ion Ratio Lower Upper
 142 100
 141 87.6 71.2 106.8



#40
 1,1'-Biphenyl
 Concen: 1.391 ng/ul
 RT: 13.15 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: BN007811.D
 Acq: 23 Sep 2019 20:53

Tgt Ion:154 Resp: 164227
 Ion Ratio Lower Upper
 154 100
 153 42.4 31.9 47.9
 76 16.4 12.9 19.3

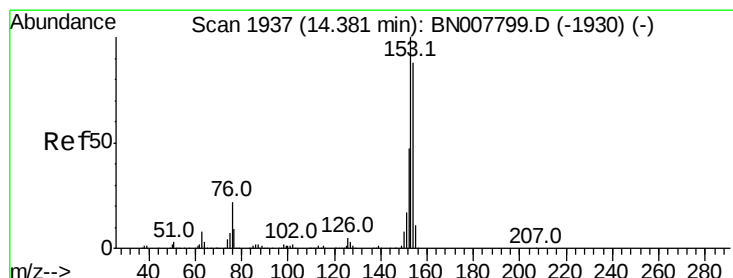
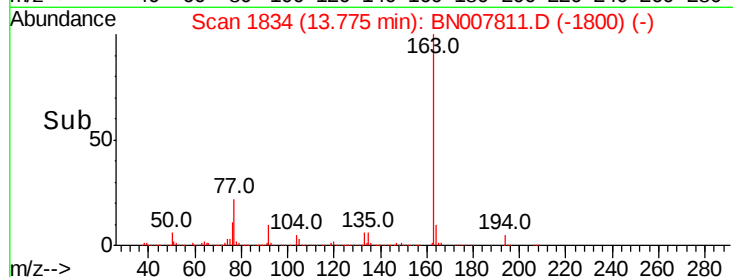
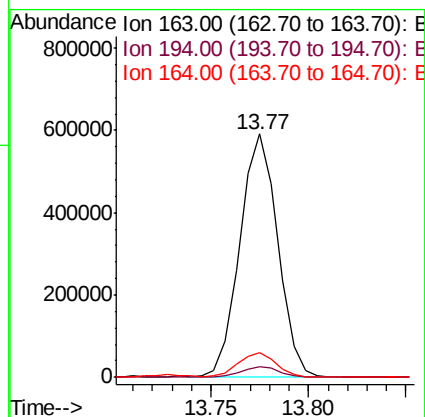
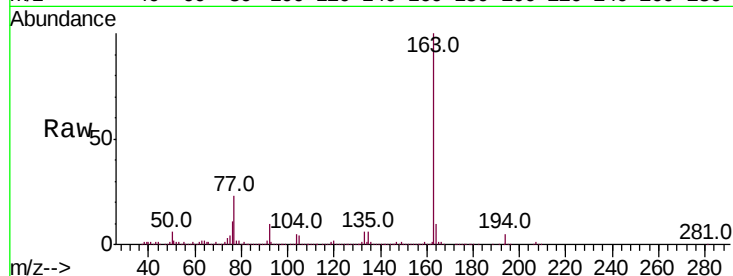




#44
Dimethylphthalate
Concen: 6.714 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BN007811.D
Acq: 23 Sep 2019 20:53

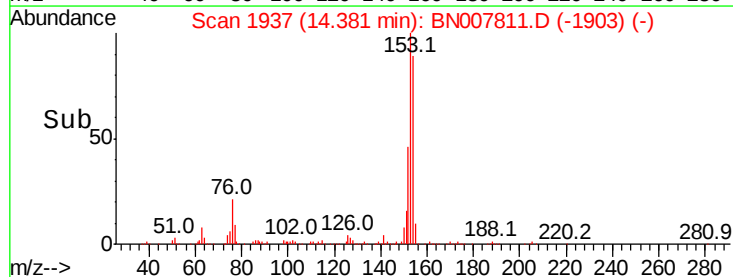
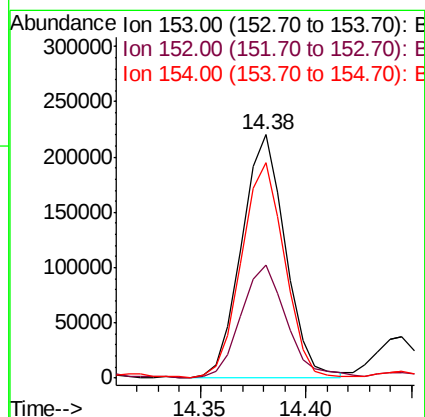
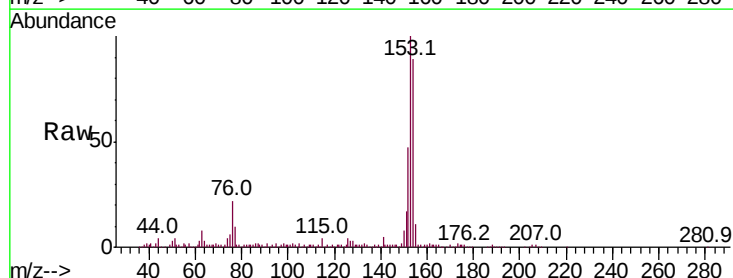
Instrument :
BNA_N
ClientSampleId :

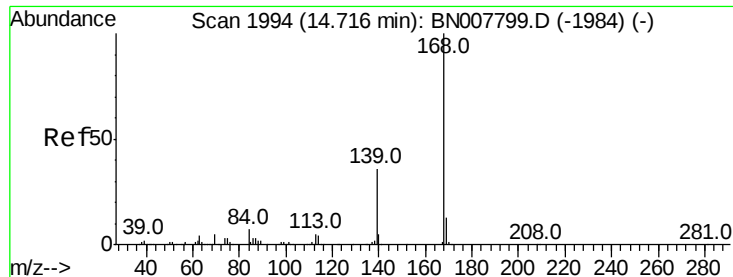
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.4	8.4	12.6



#49
Acenaphthene
Concen: 3.214 ng/ul
RT: 14.38 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BN007811.D
Acq: 23 Sep 2019 20:53

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.5	37.8	56.8
154	88.7	70.3	105.5





#53

Dibenzenofuran

Concen: 1.613 ng/ul

RT: 14.72 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BN007811.D

Acq: 23 Sep 2019 20:53

Instrument :

BNA_N

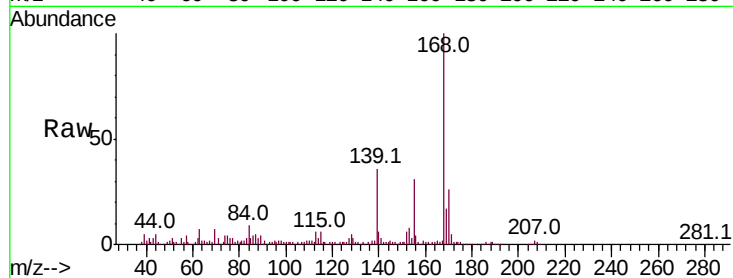
ClientSampleId :

Tot Ion:168 Resp: 229876

Ion Ratio Lower Upper

168 100

139 35.6 29.1 43.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.72

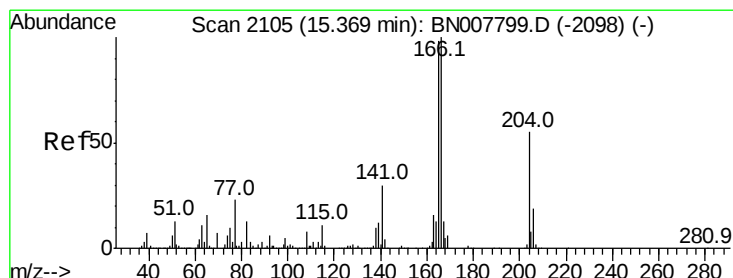
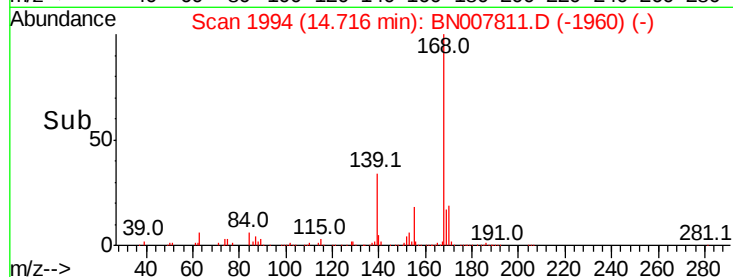
150000

100000

50000

0

Time--> 14.70 14.80



#58

Fluorene

Concen: 2.160 ng/ul

RT: 15.37 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BN007811.D

Acq: 23 Sep 2019 20:53

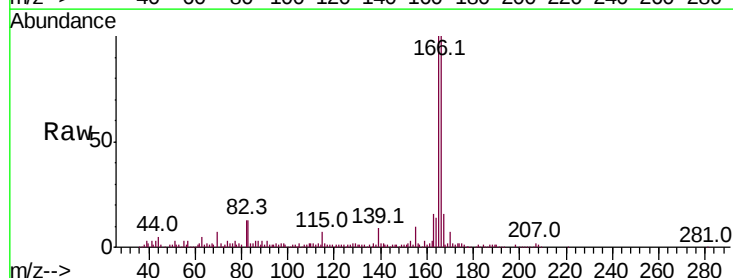
Tgt Ion:166 Resp: 247658

Ion Ratio Lower Upper

166 100

165 99.8 78.6 118.0

167 16.3 10.8 16.2#



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

15.37

200000

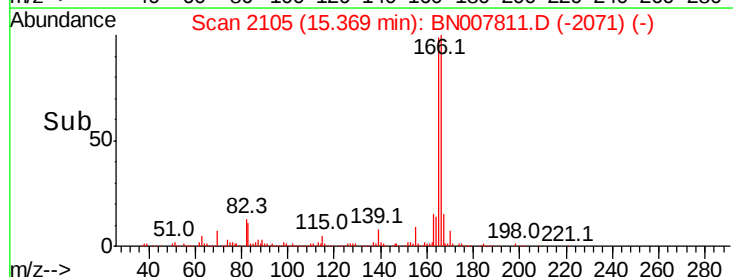
150000

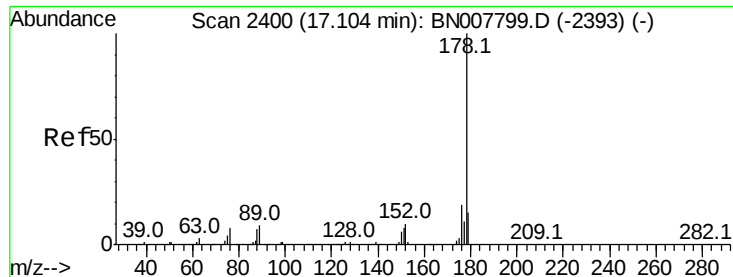
100000

50000

0

Time--> 15.30 15.35 15.40





#69

Phenanthrene

Concen: 3.377 ng/ul

RT: 17.10 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BN007811.D

Acq: 23 Sep 2019 20:53

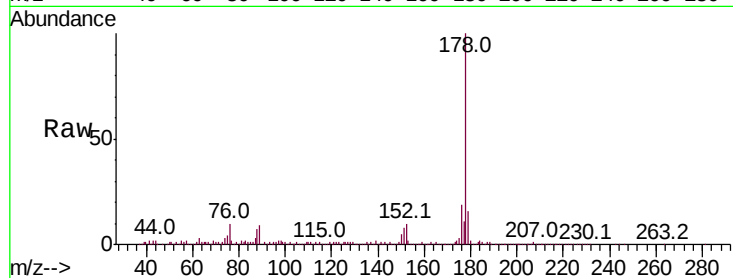
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 629162

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.9	17.9
176	18.9	15.2	22.8

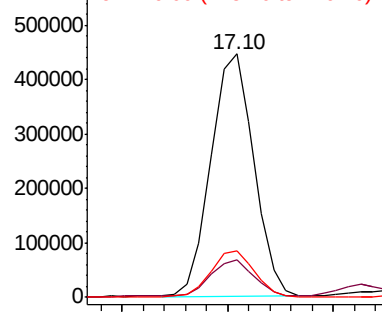


Abundance

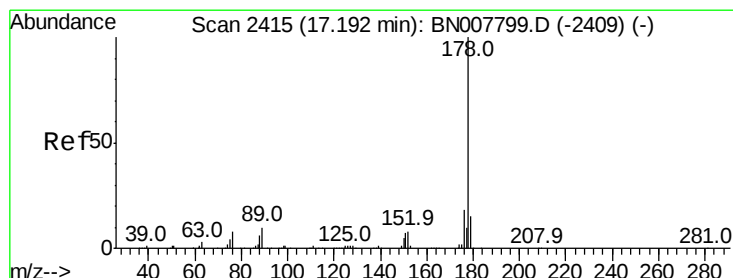
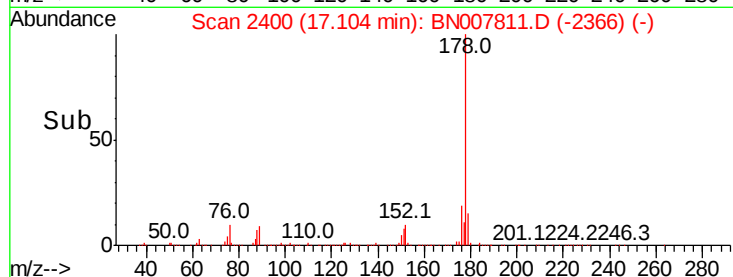
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#71

Anthracene

Concen: 3.376 ng/ul

RT: 17.10 min Scan# 2400

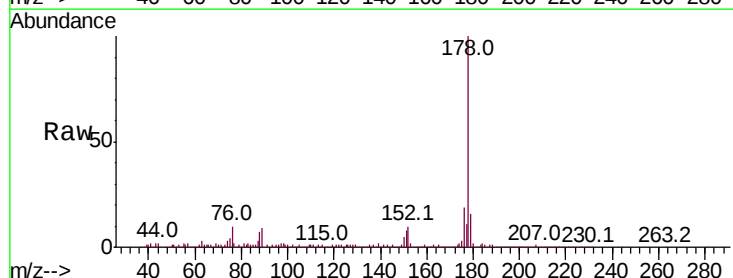
Delta R.T. -0.09 min

Lab File: BN007811.D

Acq: 23 Sep 2019 20:53

Tgt Ion:178 Resp: 629626

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.7	19.1
176	18.9	15.1	22.7

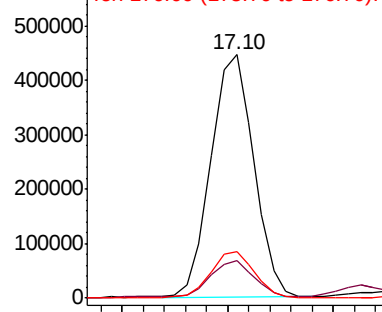


Abundance

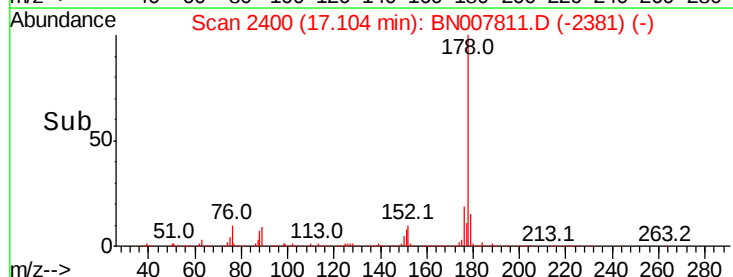
Ion 178.00 (177.70 to 178.70): E

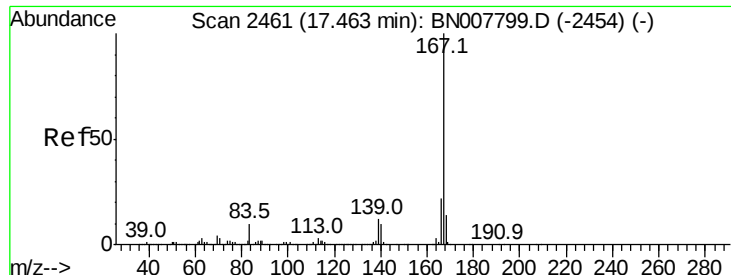
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#74

Carbazole

Concen: 2.342 ng/ul

RT: 17.46 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BN007811.D

Acq: 23 Sep 2019 20:53

Instrument :

BNA_N

ClientSampleId :

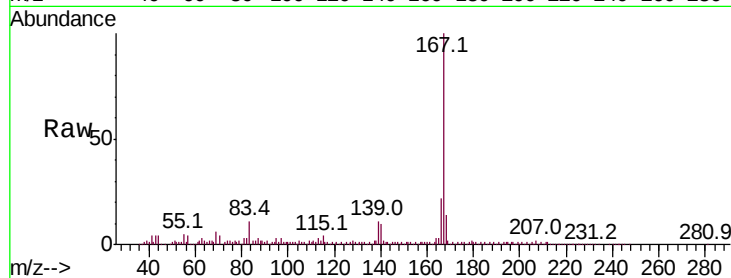
Tot Ion:167 Resp: 369378

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.4

139 11.1 10.1 15.1



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

