

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
 Data File : BN002677.D
 Acq On : 13 Sep 2018 16:06
 Operator : JU/SJ
 Sample : J4864-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0D09

Manual Integrations
 APPROVED

Sohil
 9/17/2018 4:52:45 PM

Quant Time: Sep 17 16:35:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 13 05:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	183605	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	784371	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	416129	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	771603	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	675307	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	732919	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	23739m	6.10	ng/uL	0.00
5) Phenol-d5	6.85	99	129340	7.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	357035	33.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	395623	30.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	247688	18.40	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	243115	38.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	283786	43.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	447789	37.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	124027	9.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	1266823	36.72	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1660394	39.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	41128	6.31	ng/ul	0.02
57) Fluorene-d10	15.29	176	1072673	35.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	106555	21.69	ng/ul	0.00
70) Anthracene-d10	17.14	188	1446332	39.24	ng/ul	0.00
78) Pyrene-d10	19.45	212	1379703	42.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1493867	38.98	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.27	88	204329	49.099	ng/uL	93
6) Phenol	6.88	94	74285	4.333	ng/ul	96
11) 2-Methylphenol	8.11	108	592307	45.777	ng/ul	98
16) 4-Methylphenol	8.44	108	289274	20.550	ng/ul	99
24) 2,4-Dimethylphenol	9.63	107	618623m	43.712	ng/ul	
28) Naphthalene	10.49	128	5531061	137.055	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	579538	19.457	ng/ul	99
40) 1,1'-Biophenyl	13.12	154	120894	3.629	ng/ul	99
49) Acenaphthene	14.36	153	759355	26.718	ng/ul	98
53) Dibenzofuran	14.69	168	508795	12.689	ng/ul	95
58) Fluorene	15.35	166	500670	15.262	ng/ul	99
69) Phenanthrene	17.09	178	647218	15.215	ng/ul	99
74) Carbazole	17.45	167	232994	6.090	ng/ul	99
76) Fluoranthene	19.11	202	72772	1.503	ng/ul	98

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

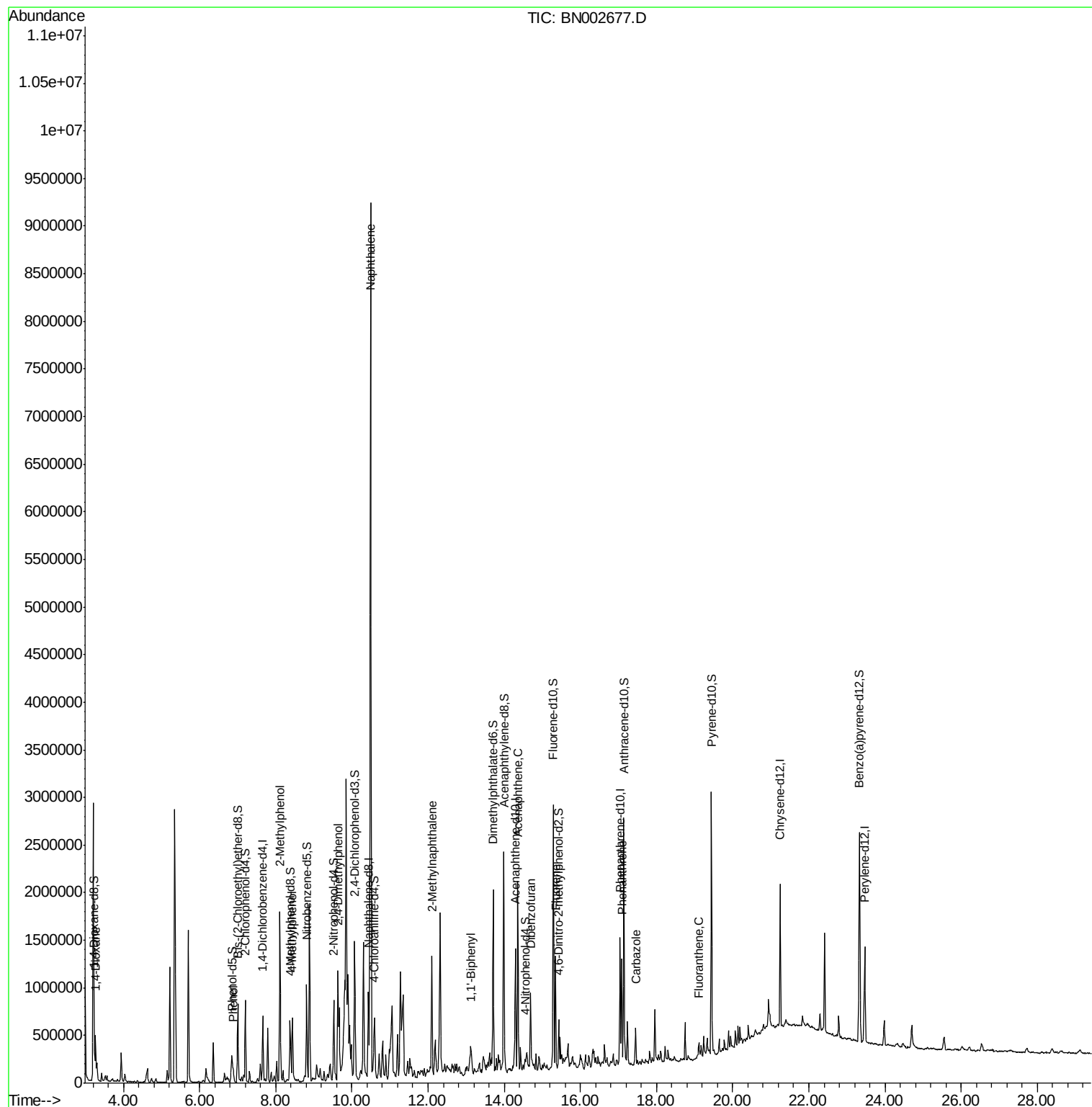
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091318\
Data File : BN002677.D
Acq On : 13 Sep 2018 16:06
Operator : JU/SJ
Sample : J4864-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

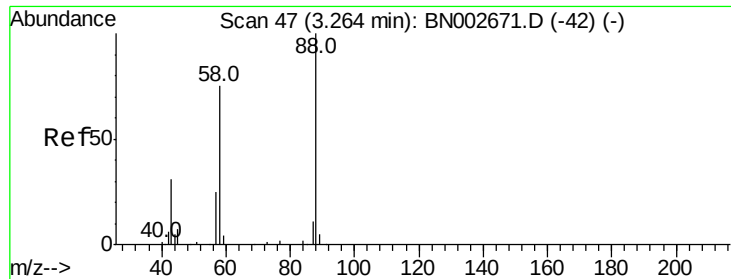
Instrument :
BNA_N
ClientSampleId :
C0D09

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Quant Time: Sep 17 16:35:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 49.099 ng/uL

RT: 3.27 min Scan# 48

Delta R.T. 0.01 min

Lab File: BN002677.D

Acq: 13 Sep 2018 16:06

Instrument :

BNA_N

ClientSampleId :

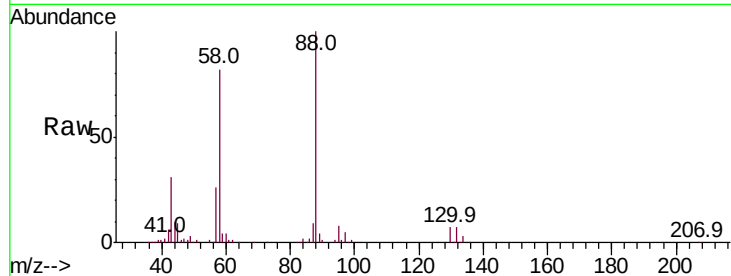
C0D09

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	32.0	48.0
58	86.1	72.0	108.0

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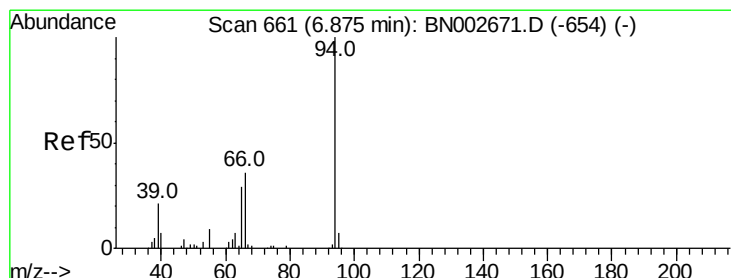
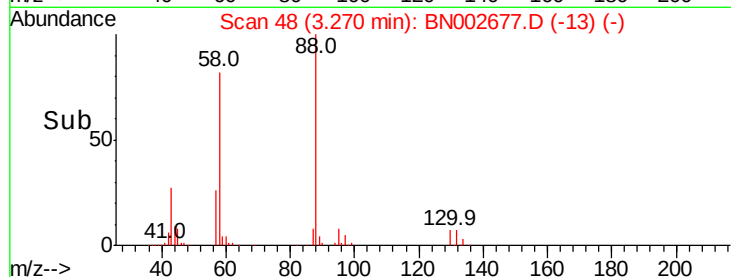
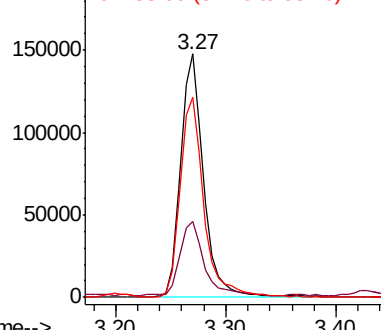


Abundance

Ion 88.00 (87.70 to 88.70): BN0

Ion 43.00 (42.70 to 43.70): BN0

Ion 58.00 (57.70 to 58.70): BN0



#6

Phenol

Concen: 4.333 ng/uL

RT: 6.88 min Scan# 662

Delta R.T. 0.01 min

Lab File: BN002677.D

Acq: 13 Sep 2018 16:06

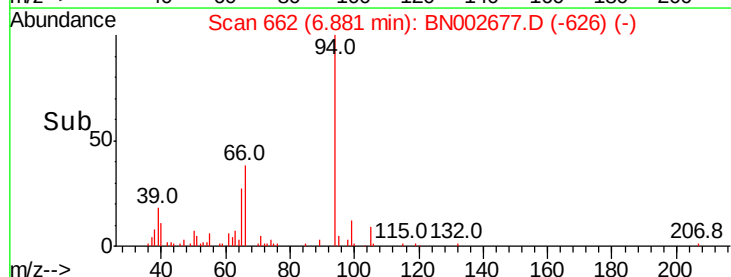
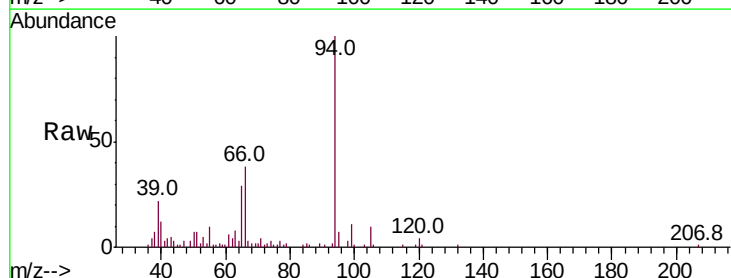
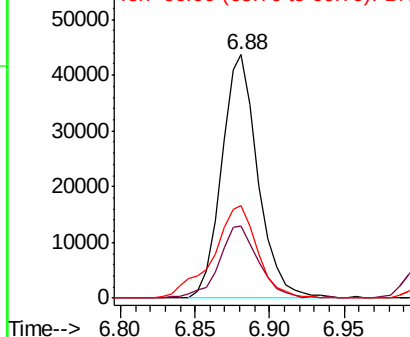
Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.5	21.0	31.6
66	37.9	29.3	43.9

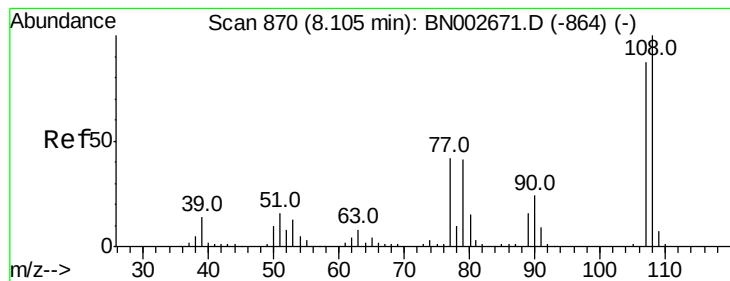
Abundance

Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0





#11

2-Methylphenol

Concen: 45.777 ng/ul

RT: 8.11 min Scan# 871

Delta R.T. 0.01 min

Lab File: BN002677.D

Acq: 13 Sep 2018 16:06

Tot Ion:108 Resp: 592307

Ion Ratio Lower Upper

108 100

107 88.9 72.4 108.6

Instrument :

BNA_N

ClientSampled :

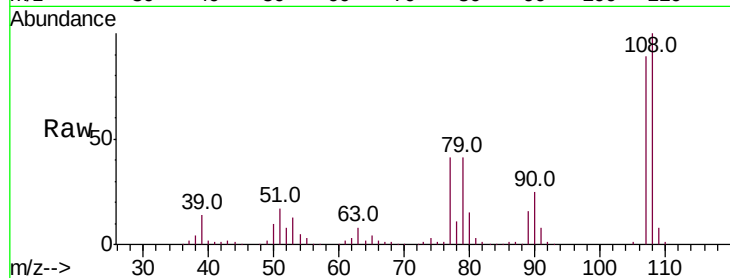
C0D09

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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.11

400000

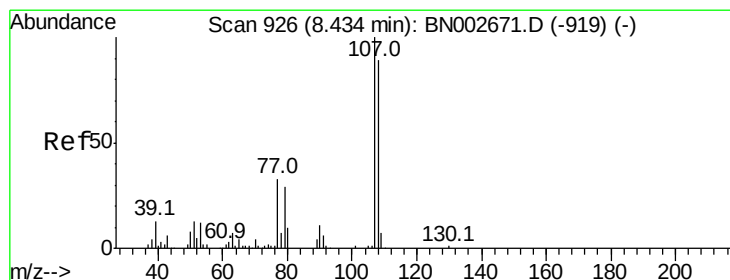
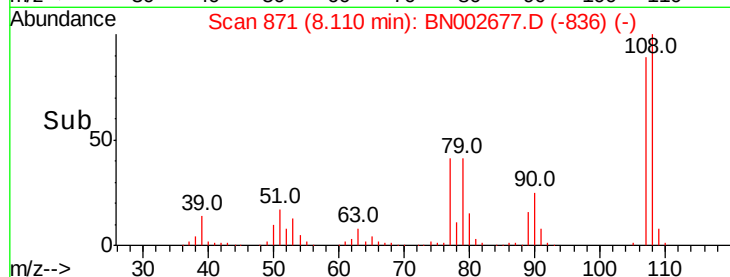
300000

200000

100000

0

Time--> 8.00 8.10 8.20



#16

4-Methylphenol

Concen: 20.550 ng/ul

RT: 8.44 min Scan# 927

Delta R.T. 0.01 min

Lab File: BN002677.D

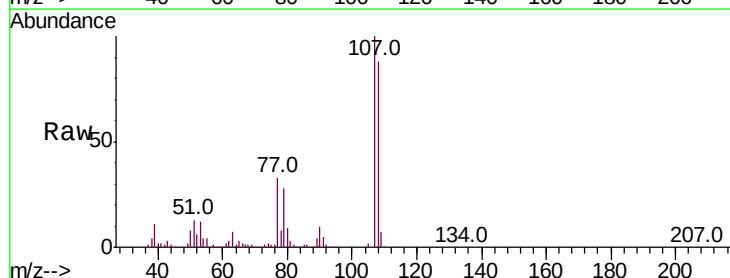
Acq: 13 Sep 2018 16:06

Tgt Ion:108 Resp: 289274

Ion Ratio Lower Upper

108 100

107 114.1 90.3 135.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.44

200000

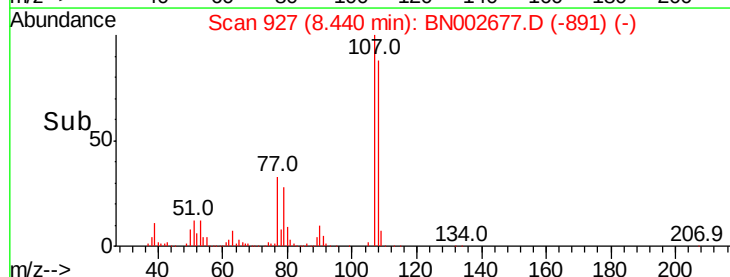
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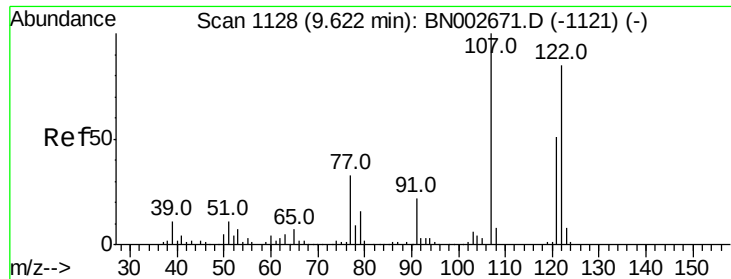
100000

50000

0

Time--> 8.40 8.50





#24

2,4-Dimethylphenol

Concen: 43.712 ng/ul m

RT: 9.63 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BN002677.D

Acq: 13 Sep 2018 16:06

Instrument :

BNA_N

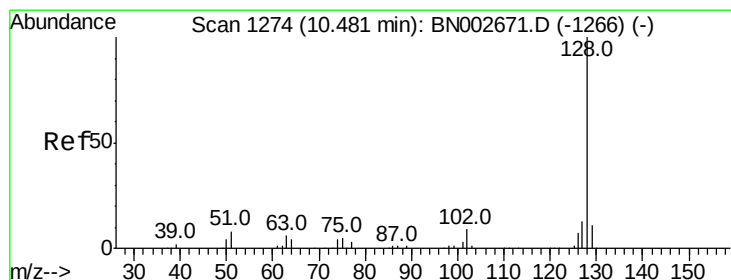
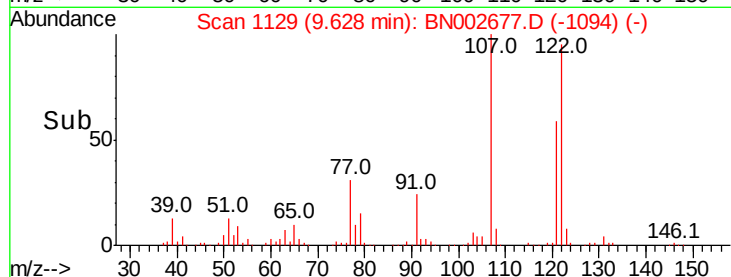
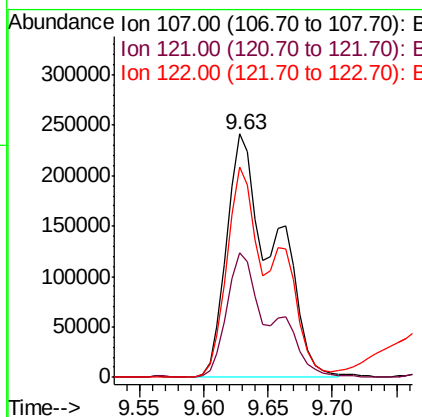
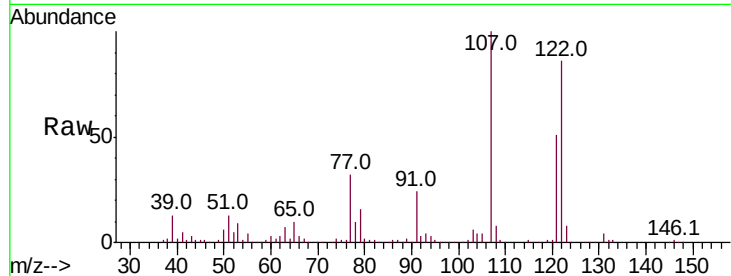
ClientSampled :

C0D09

Tot Ion:	107	Resp:	618623
Ion Ratio	Lower	Upper	
107	100		
121	51.1	40.6	61.0
122	86.3	67.8	101.6

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#28

Naphthalene

Concen: 137.055 ng/ul

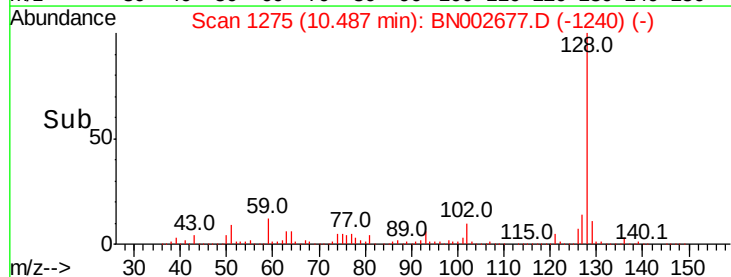
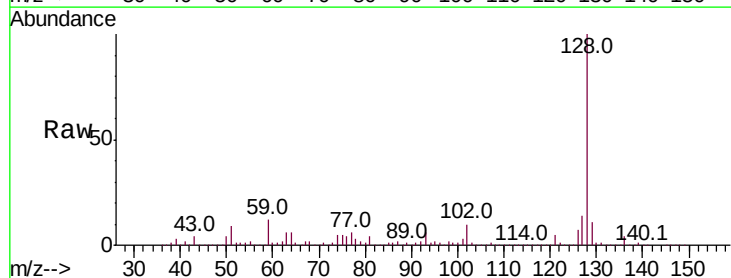
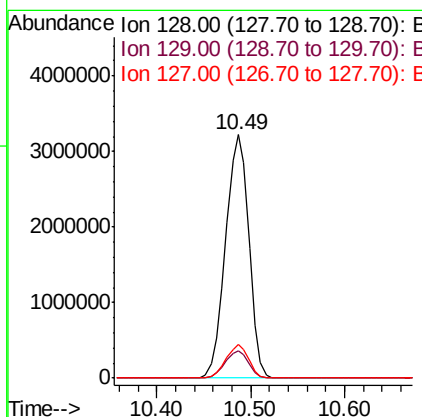
RT: 10.49 min Scan# 1275

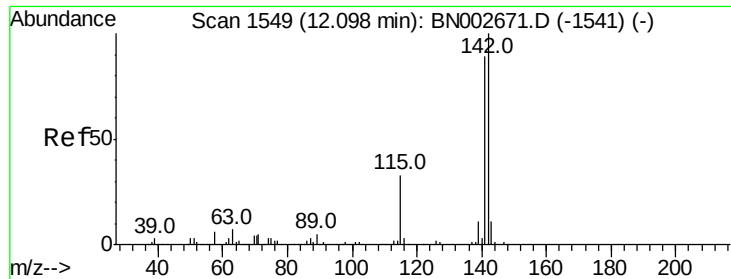
Delta R.T. 0.01 min

Lab File: BN002677.D

Acq: 13 Sep 2018 16:06

Tgt Ion:	128	Resp:	5531061
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.6	10.5	15.7





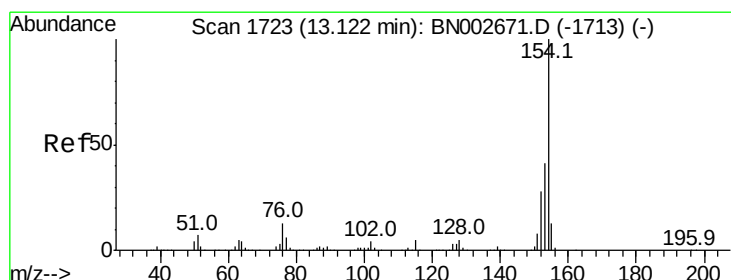
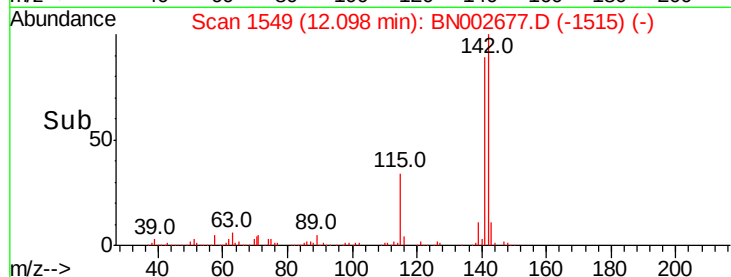
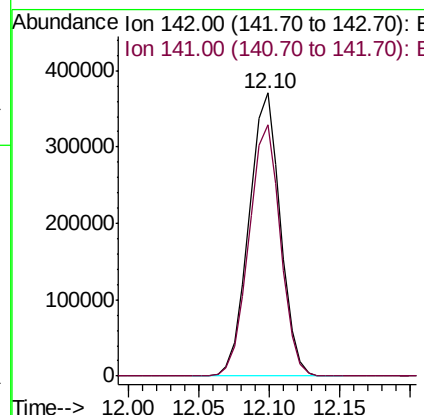
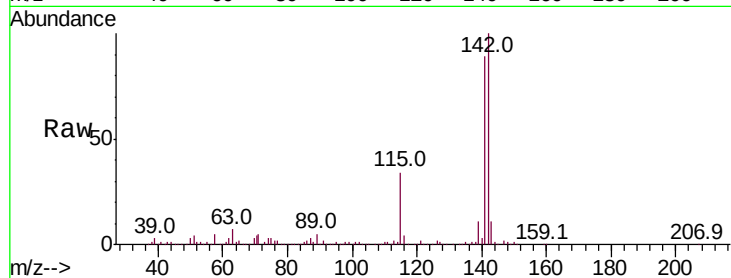
#34
 2-Methylnaphthalene
 Concen: 19.457 ng/ul
 RT: 12.10 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BN002677.D
 Acq: 13 Sep 2018 16:06

Instrument :
 BNA_N
 ClientSampleId :
 C0D09

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.6	107.4

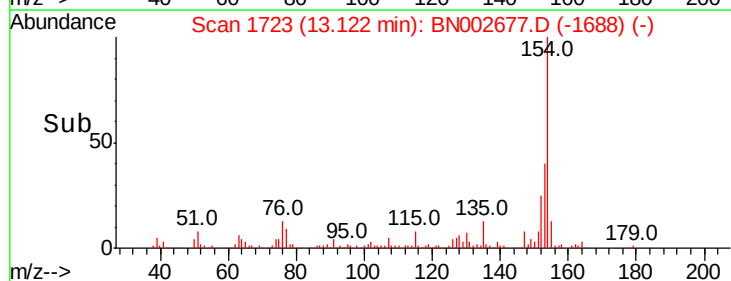
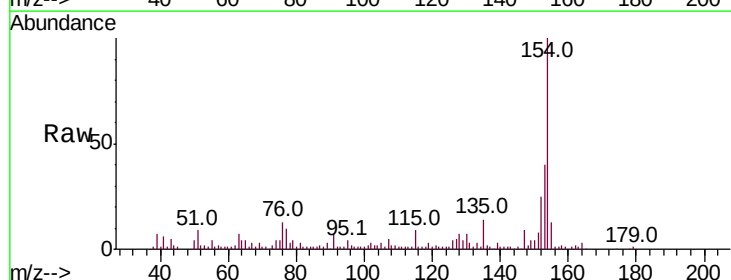
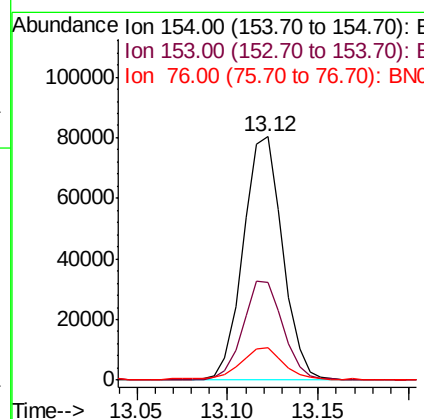
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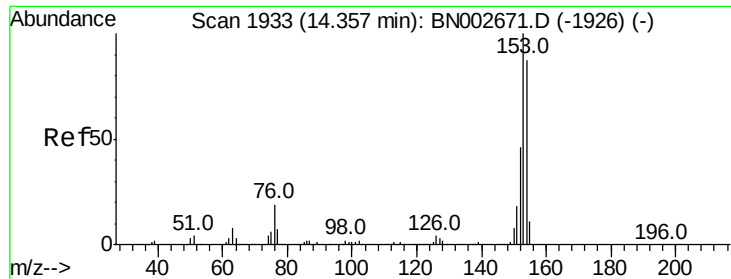
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 9/17/2018 4:52:45 PM



#40
 1,1'-Biphenyl
 Concen: 3.629 ng/ul
 RT: 13.12 min Scan# 1723
 Delta R.T. 0.01 min
 Lab File: BN002677.D
 Acq: 13 Sep 2018 16:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	32.1	48.1
76	13.4	9.5	14.3





#49

Acenaphthene

Concen: 26.718 ng/ul

RT: 14.36 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BN002677.D

Acq: 13 Sep 2018 16:06

Instrument :

BNA_N

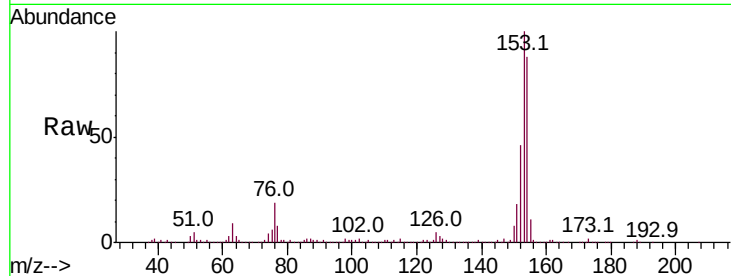
ClientSampleId :

C0D09

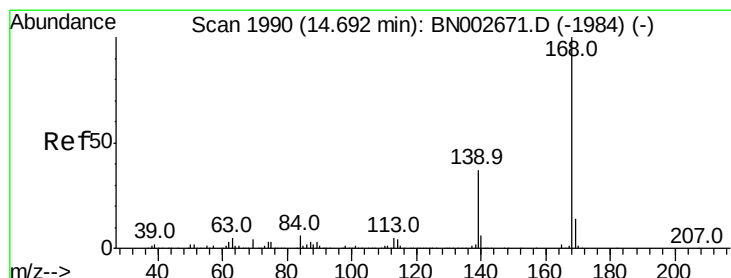
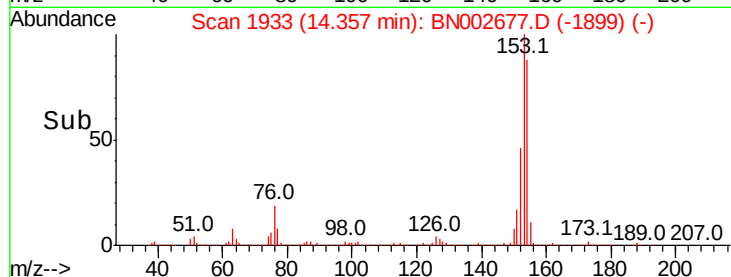
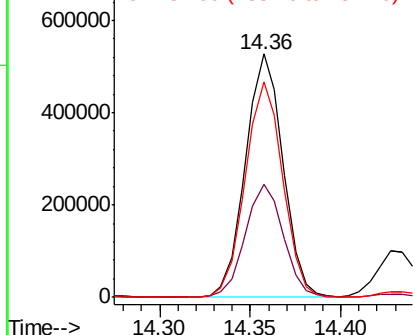
Tot Ion:	153	Resp:	759355
Ion Ratio	Lower	Upper	
153	100		
152	46.4	38.3	57.5
154	88.4	71.8	107.8

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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



#53

Dibenzofuran

Concen: 12.689 ng/ul

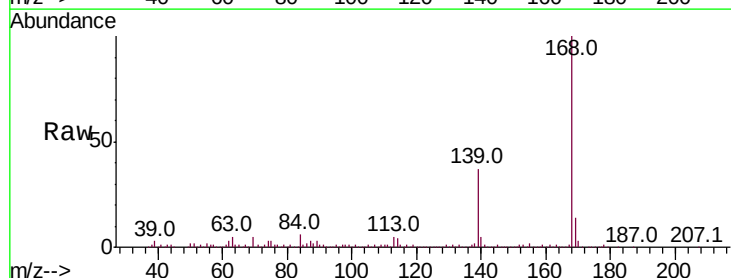
RT: 14.69 min Scan# 1990

Delta R.T. -0.00 min

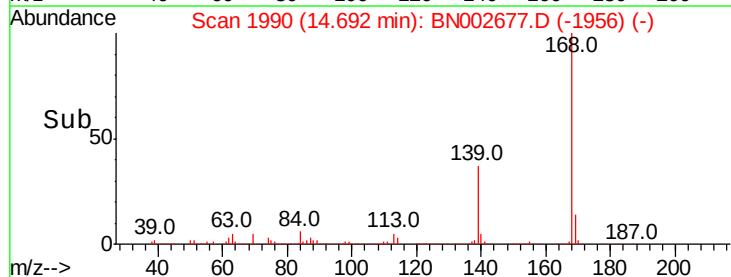
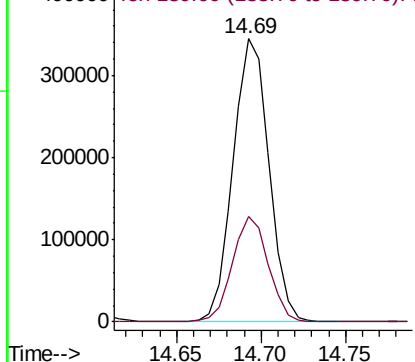
Lab File: BN002677.D

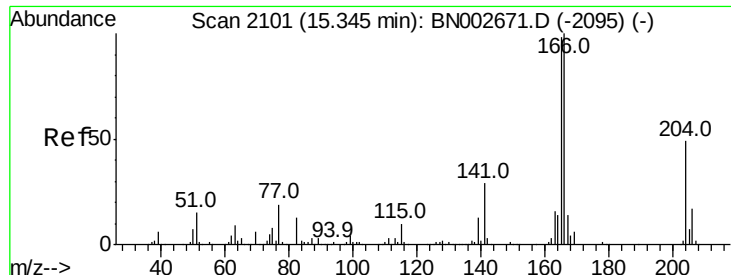
Acq: 13 Sep 2018 16:06

Tgt Ion:	168	Resp:	508795
Ion Ratio	Lower	Upper	
168	100		
139	37.3	32.2	48.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





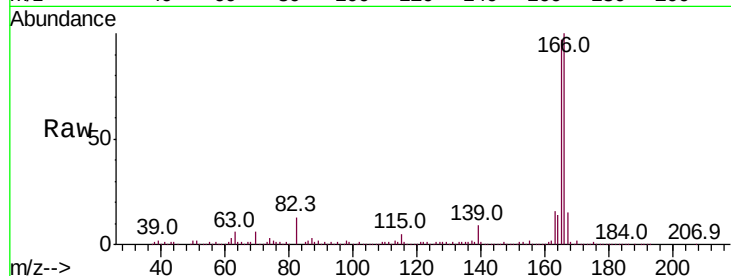
#58
Fluorene
 Concen: 15.262 ng/ul
 RT: 15.35 min Scan# 2101
 Delta R.T. -0.00 min
 Lab File: BN002677.D
 Acq: 13 Sep 2018 16:06

Instrument :
 BNA_N
 ClientSampleId :
 C0D09

Tot Ion	Ratio	Resp	Lower	Upper
166	100	500670		
165	97.2		78.5	117.7
167	15.3		10.7	16.1

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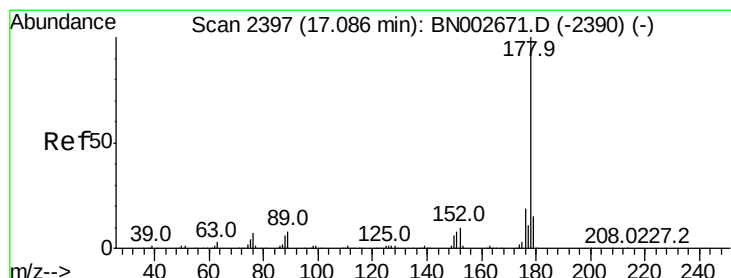
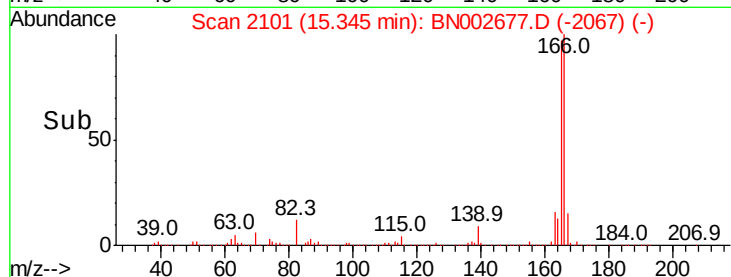
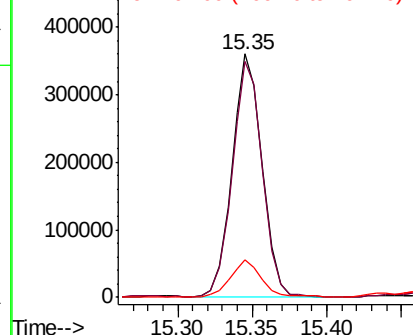


Abundance

Ion 166.00 (165.70 to 166.70): E

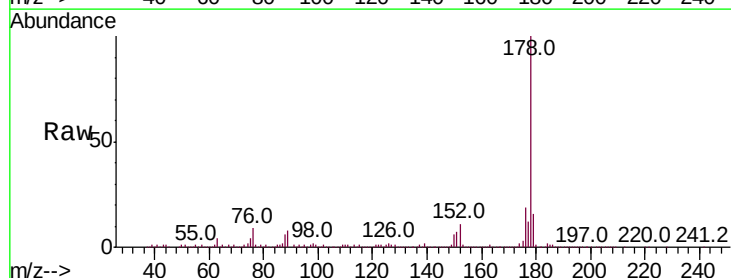
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69
Phenanthrene
 Concen: 15.215 ng/ul
 RT: 17.09 min Scan# 2397
 Delta R.T. -0.00 min
 Lab File: BN002677.D
 Acq: 13 Sep 2018 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	647218		
179	15.8		12.2	18.4
176	19.2		15.6	23.4

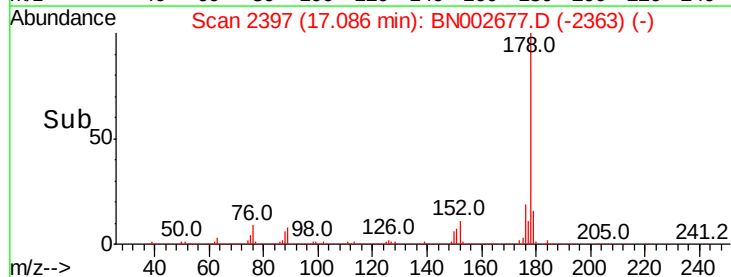
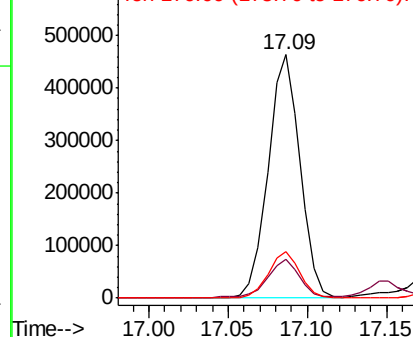


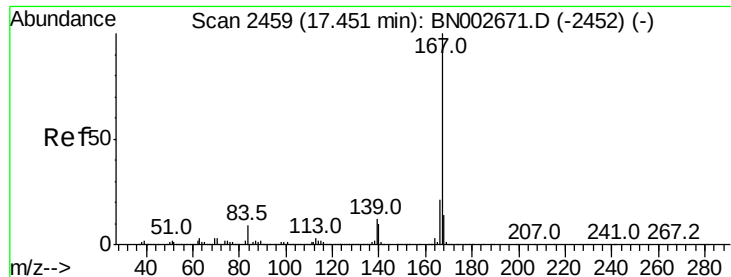
Abundance

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





#74

Carbazole

Concen: 6.090 ng/ul

RT: 17.45 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BN002677.D

Acq: 13 Sep 2018 16:06

Instrument :

BNA_N

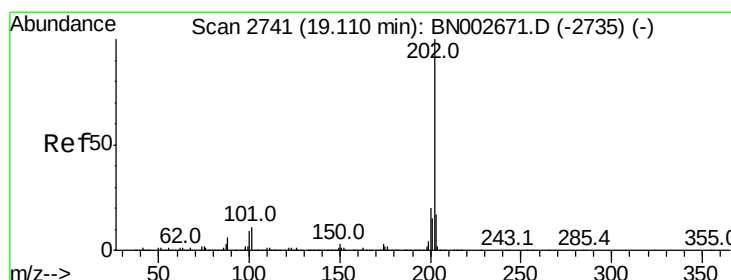
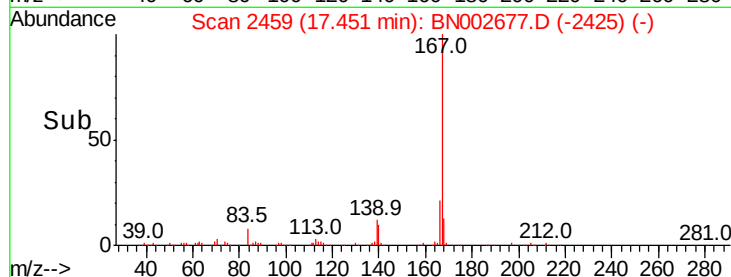
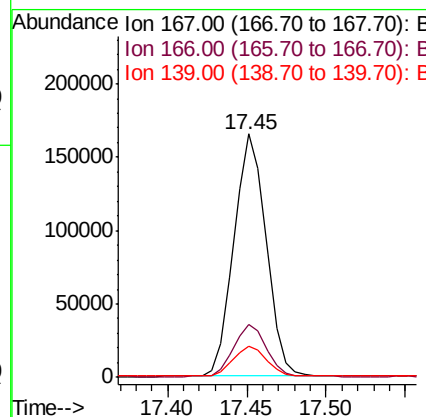
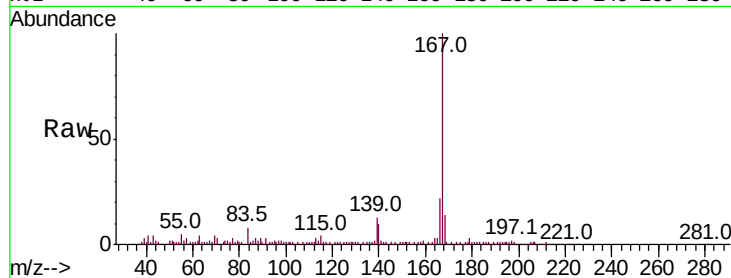
ClientSampleId :

C0D09

Tot Ion:	167	Resp:	232994
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.0	25.6
139	13.0	11.0	16.4

Manual Integrations
APPROVED

Sohil
9/17/2018 4:52:45 PM



#76

Fluoranthene

Concen: 1.503 ng/ul

RT: 19.11 min Scan# 2741

Delta R.T. 0.01 min

Lab File: BN002677.D

Acq: 13 Sep 2018 16:06

Tgt Ion:	202	Resp:	72772
Ion Ratio	Lower	Upper	
202	100		
101	11.5	8.8	13.2
100	9.2	6.6	9.8

