

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
 Data File : BN002680.D
 Acq On : 13 Sep 2018 17:56
 Operator : JU/SJ
 Sample : J4864-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0D08

Manual Integrations
 APPROVED

Sohil
 9/14/2018 5:15:48 PM

Quant Time: Sep 13 18:29:37 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	174840	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	788633	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	458378	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	906388	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	647273	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	658500	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	15801m	4.27	ng/uL	0.00
5) Phenol-d5	6.85	99	177045	11.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	176804	17.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	215400	17.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	194688	15.19	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	119559	19.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	137285	20.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	243229	20.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	312179	23.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	744271	19.59	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	923697	19.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	54078	7.53	ng/ul	0.02
57) Fluorene-d10	15.29	176	621379	18.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	43568	7.55	ng/ul	0.00
70) Anthracene-d10	17.14	188	867601	20.04	ng/ul	0.00
78) Pyrene-d10	19.45	212	766907	24.76	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	660513	19.18	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.26	88	78308	19.760	ng/uL#	92
6) Phenol	6.88	94	76023	4.657	ng/ul	96
11) 2-Methylphenol	8.11	108	229375	18.616	ng/ul	100
16) 4-Methylphenol	8.43	108	113200	8.445	ng/ul	94
24) 2,4-Dimethylphenol	9.62	107	247095m	17.365	ng/ul	
28) Naphthalene	10.48	128	2015251	49.666	ng/ul	100
34) 2-Methylnaphthalene	12.09	142	208994	6.979	ng/ul	98
40) 1,1'-Biophenyl	13.12	154	43739	1.192	ng/ul	97
44) Dimethylphthalate	13.75	163	45931	1.232	ng/ul#	96
49) Acenaphthene	14.36	153	293665	9.380	ng/ul	98
53) Dibenzofuran	14.69	168	200022	4.529	ng/ul	96
58) Fluorene	15.35	166	200170	5.539	ng/ul	99
69) Phenanthrene	17.09	178	261621	5.236	ng/ul	99
74) Carbazole	17.45	167	98241	2.186	ng/ul	98

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

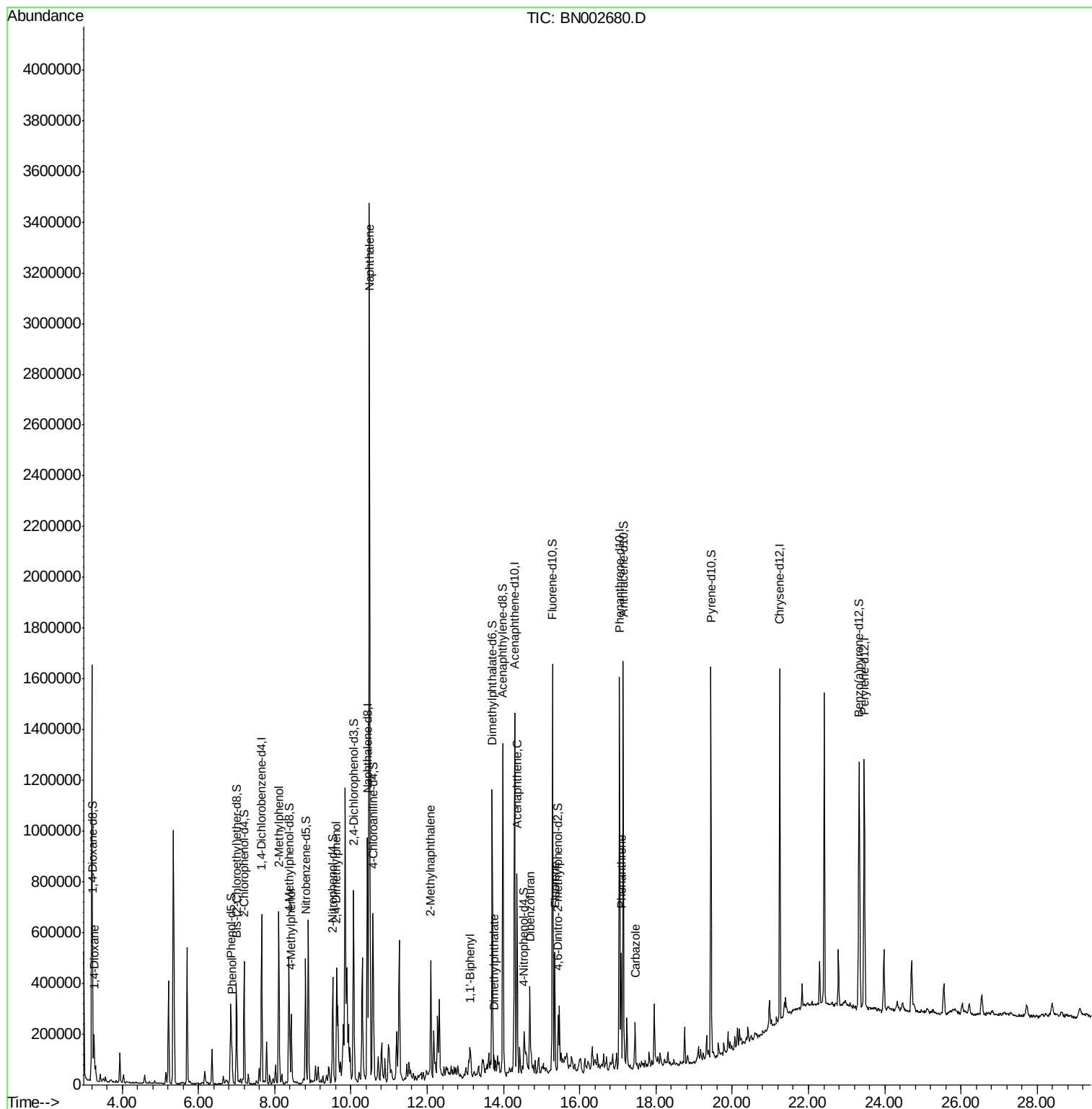
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091318\
Data File : BN002680.D
Acq On : 13 Sep 2018 17:56
Operator : JU/SJ
Sample : J4864-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

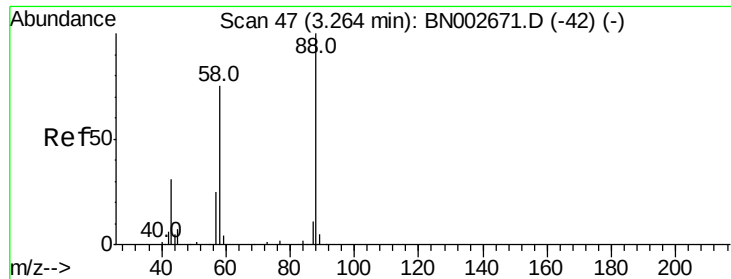
Instrument :
BNA_N
ClientSampleId :
C0D08

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Quant Time: Sep 13 18:29:37 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: 19.760 ng/uL

RT: 3.26 min Scan# 47

Delta R.T. 0.00 min

Lab File: BN002680.D

Acq: 13 Sep 2018 17:56

Instrument :

BNA_N

ClientSampleId :

C0D08

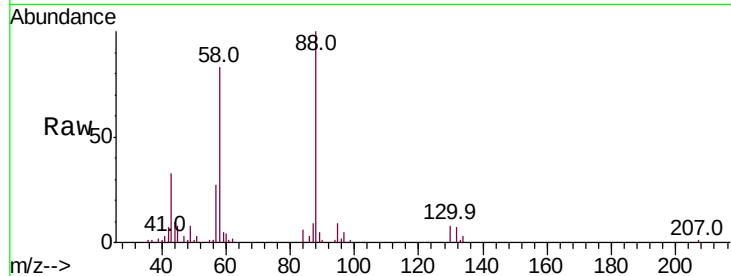
Tot Ion: 88 Resp: 78308

Ion	Ratio	Lower	Upper
88	100		
43	31.7	32.0	48.0#
58	84.1	72.0	108.0

Manual Integrations
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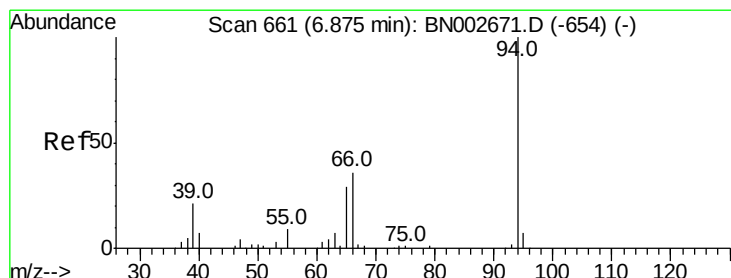
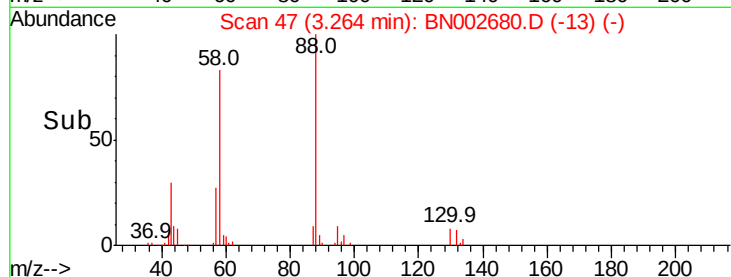
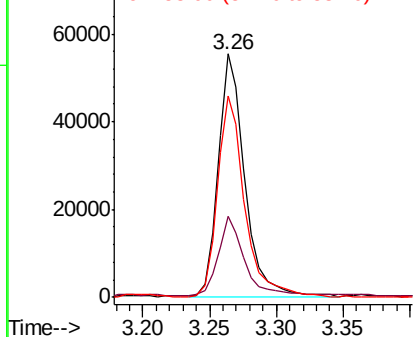
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Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 43.00 (42.70 to 43.70): BN0

Ion 58.00 (57.70 to 58.70): BN0



#6

Phenol

Concen: 4.657 ng/uL

RT: 6.88 min Scan# 661

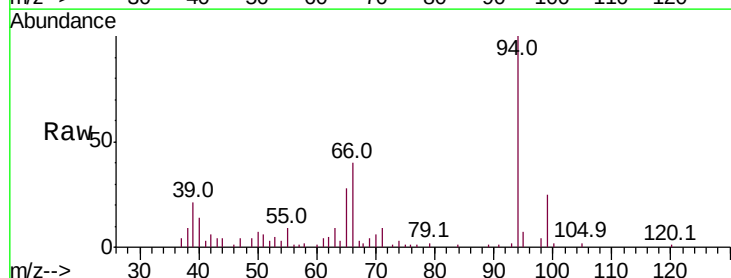
Delta R.T. 0.01 min

Lab File: BN002680.D

Acq: 13 Sep 2018 17:56

Tgt Ion: 94 Resp: 76023

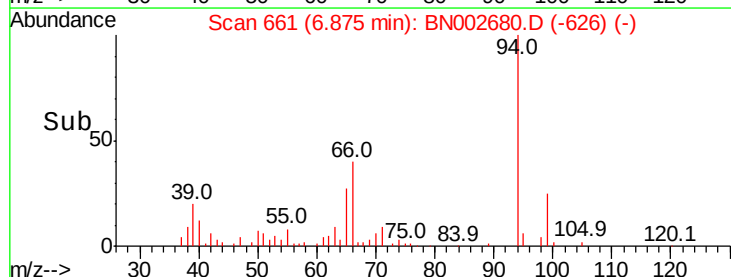
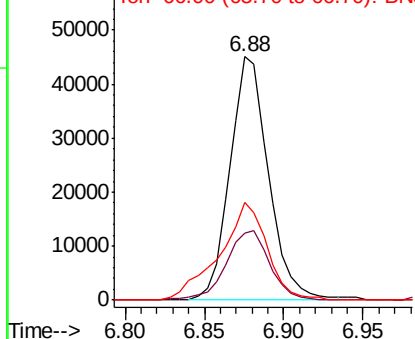
Ion	Ratio	Lower	Upper
94	100		
65	27.6	21.0	31.6
66	39.9	29.3	43.9

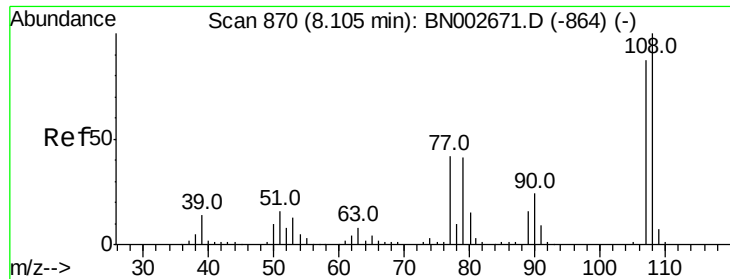


Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0





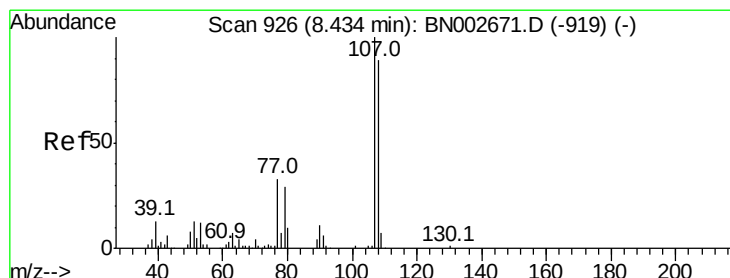
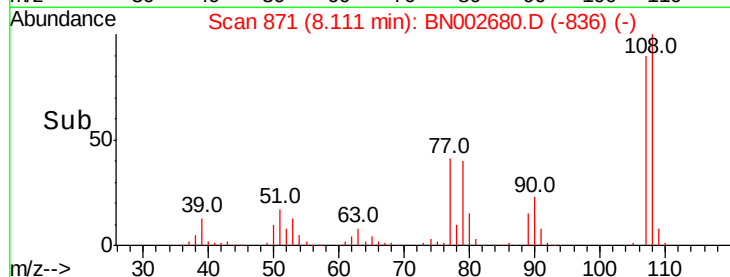
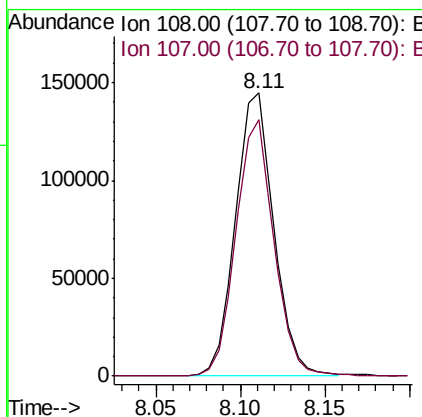
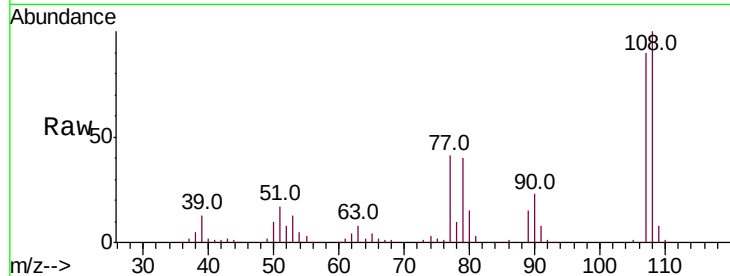
#11
2-Methylphenol
Concen: 18.616 ng/ul
RT: 8.11 min Scan# 871
Delta R.T. 0.01 min
Lab File: BN002680.D
Acq: 13 Sep 2018 17:56

Instrument :
BNA_N
ClientSampled :
C0D08

Tot Ion	Ratio	Lower	Upper
108	100		
107	90.4	72.4	108.6

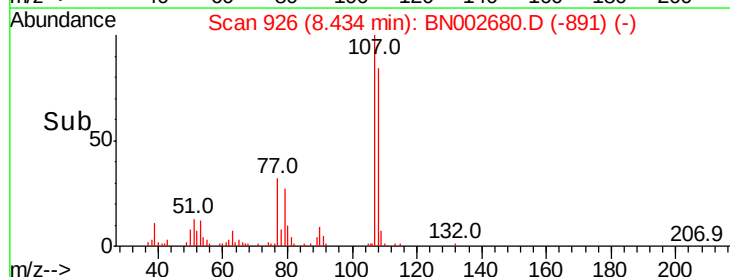
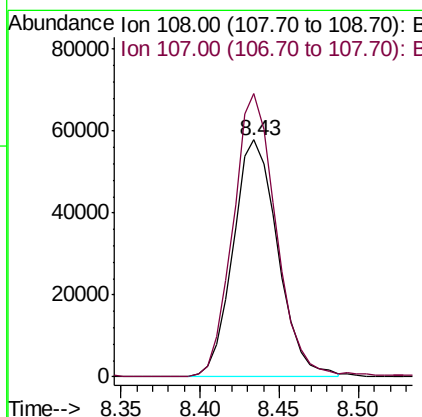
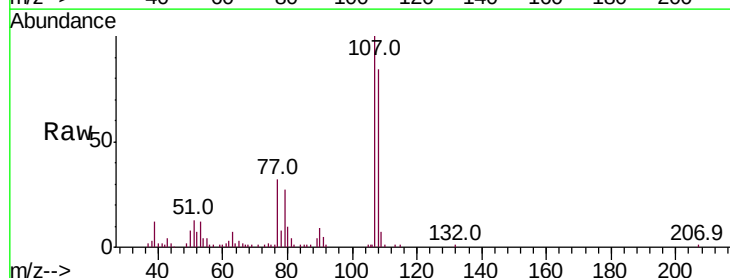
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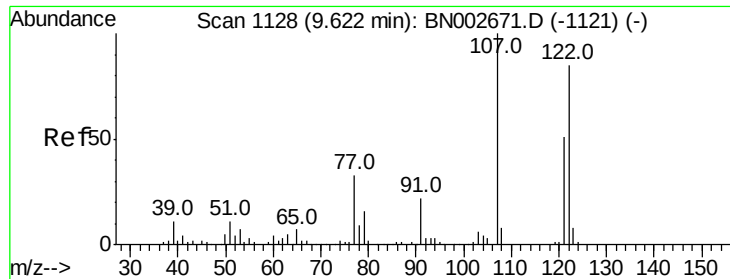
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#16
4-Methylphenol
Concen: 8.445 ng/ul
RT: 8.43 min Scan# 926
Delta R.T. 0.01 min
Lab File: BN002680.D
Acq: 13 Sep 2018 17:56

Tgt Ion	Ratio	Lower	Upper
108	100		
107	119.5	90.3	135.5





#24

2,4-Dimethylphenol

Concen: 17.365 ng/ul m

RT: 9.62 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BN002680.D

Acq: 13 Sep 2018 17:56

Instrument :

BNA_N

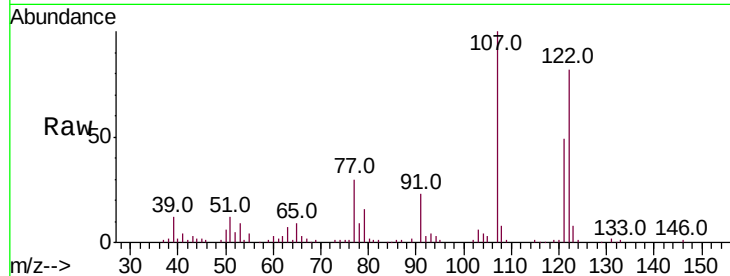
ClientSampled :

C0D08

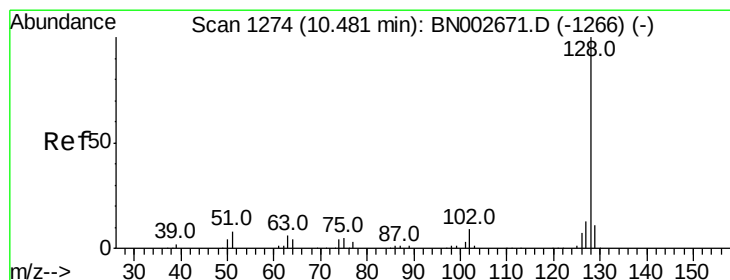
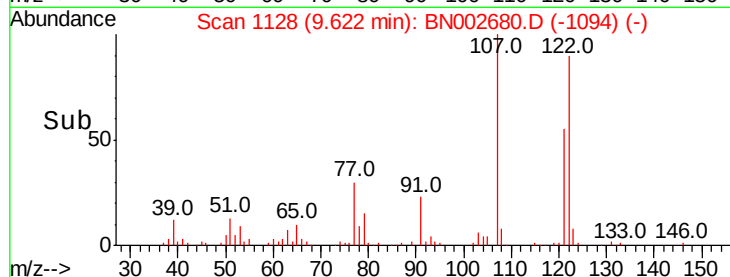
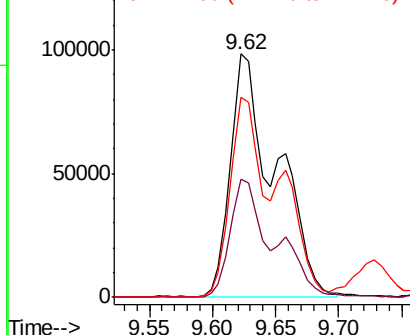
Tot Ion:	107	Resp:	247095
Ion Ratio	Lower	Upper	
107	100		
121	48.6	40.6	61.0
122	82.2	67.8	101.6

Manual Integrations
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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E



#28

Naphthalene

Concen: 49.666 ng/ul

RT: 10.48 min Scan# 1274

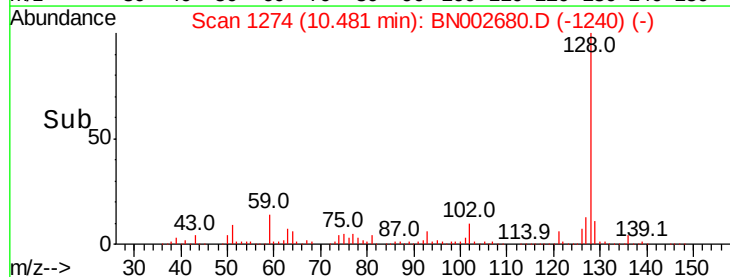
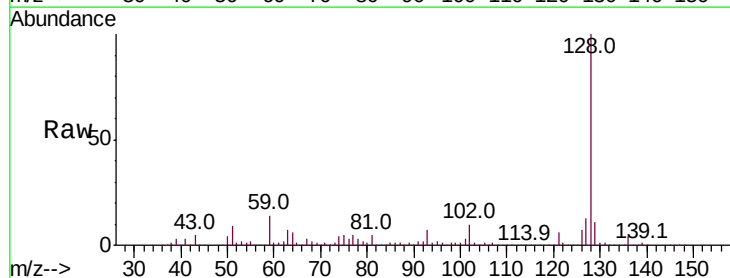
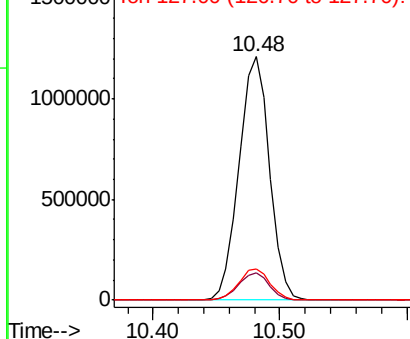
Delta R.T. 0.00 min

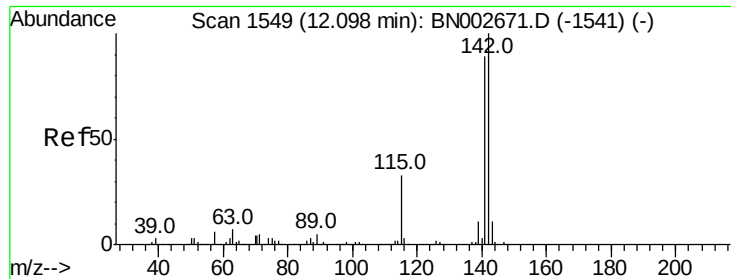
Lab File: BN002680.D

Acq: 13 Sep 2018 17:56

Tgt Ion:	128	Resp:	2015251
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.0	10.5	15.7

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





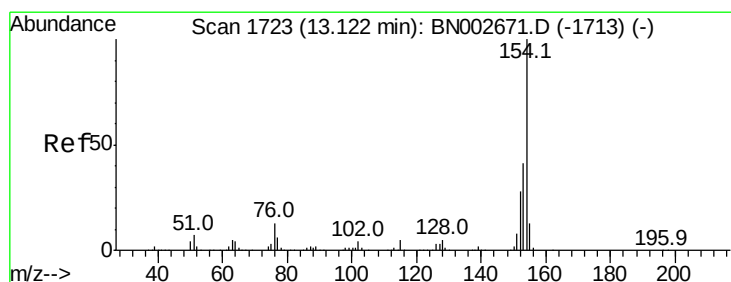
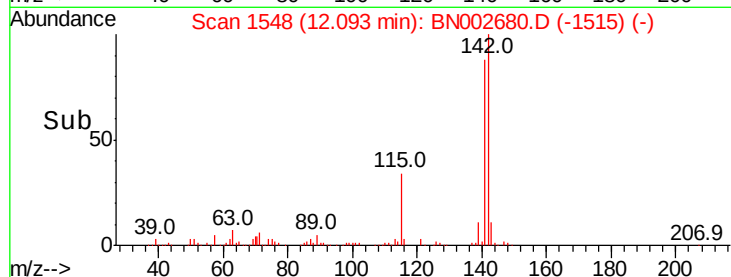
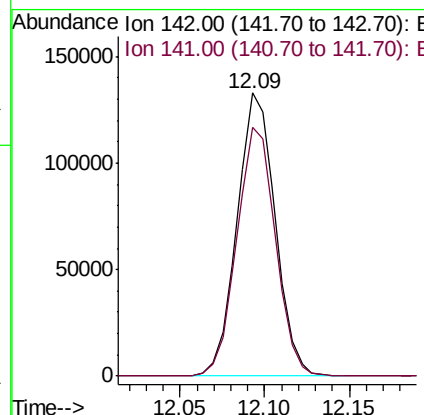
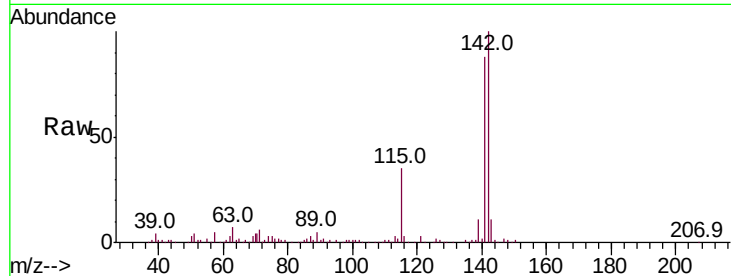
#34
2-Methylnaphthalene
Concen: 6.979 ng/ul
RT: 12.09 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BN002680.D
Acq: 13 Sep 2018 17:56

Instrument :
BNA_N
ClientSampled :
C0D08

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.6	107.4

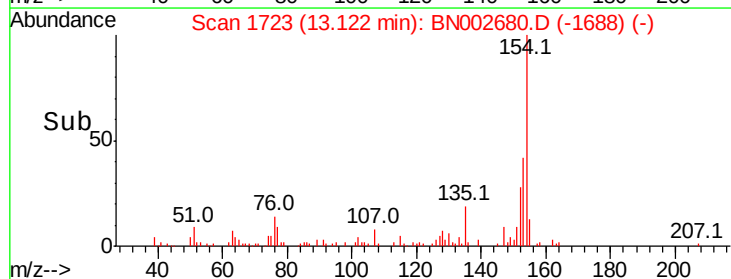
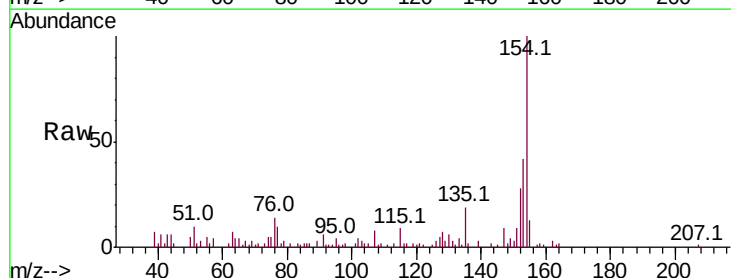
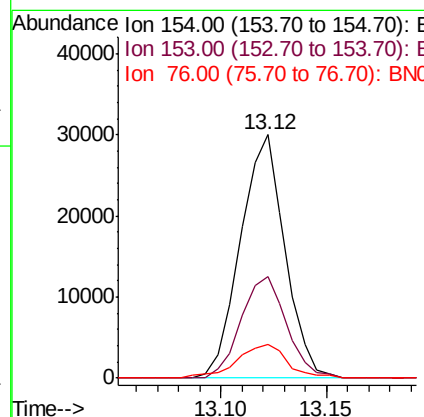
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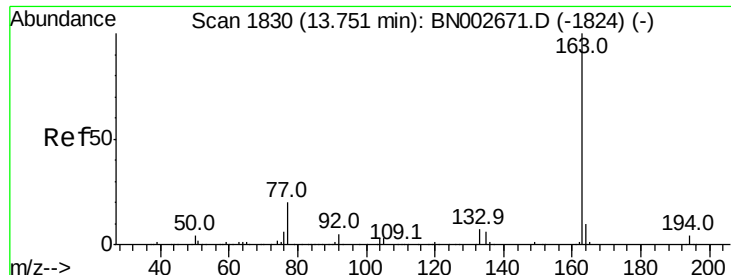
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#40
1,1'-Biphenyl
Concen: 1.192 ng/ul
RT: 13.12 min Scan# 1723
Delta R.T. 0.01 min
Lab File: BN002680.D
Acq: 13 Sep 2018 17:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	32.1	48.1
76	13.7	9.5	14.3





#44

Dimethylphthalate

Concen: 1.232 ng/ul

RT: 13.75 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BN002680.D

Acq: 13 Sep 2018 17:56

Instrument :

BNA_N

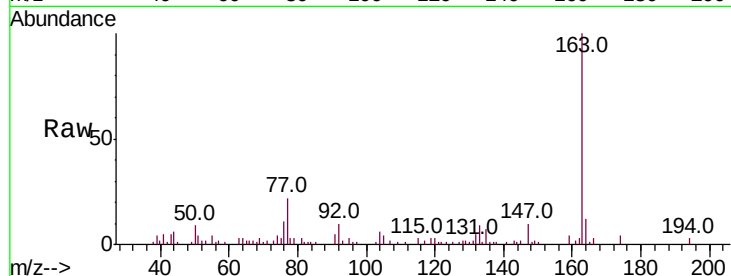
ClientSampled :

C0D08

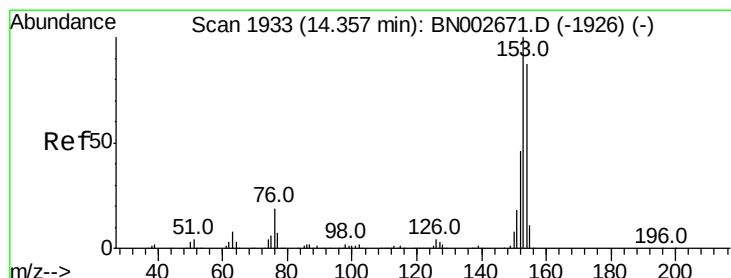
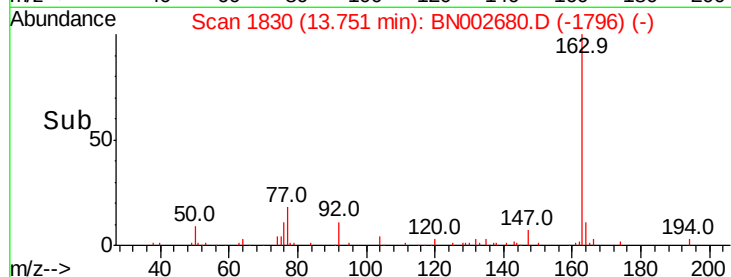
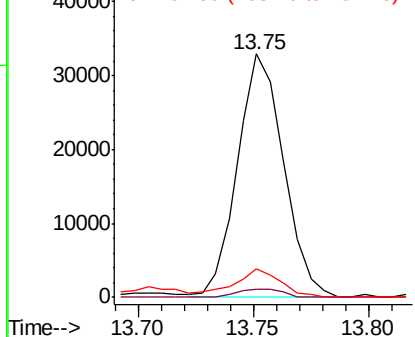
Tot Ion:	163	Resp:	45931
Ion Ratio	Lower	Upper	
163	100		
194	3.3	3.2	4.8
164	11.8	7.8	11.8#

Manual Integrations
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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



#49

Acenaphthene

Concen: 9.380 ng/ul

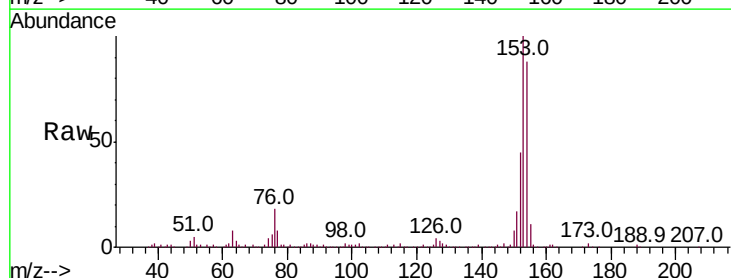
RT: 14.36 min Scan# 1933

Delta R.T. 0.00 min

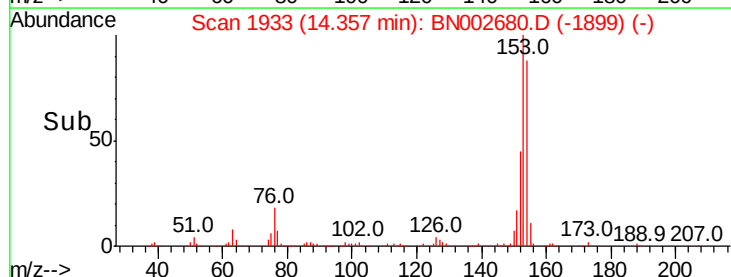
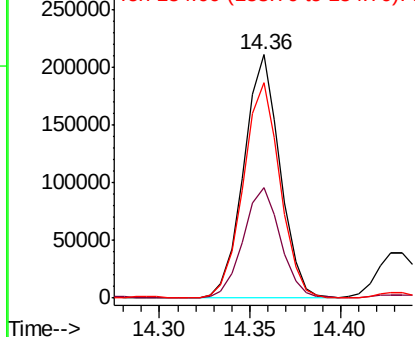
Lab File: BN002680.D

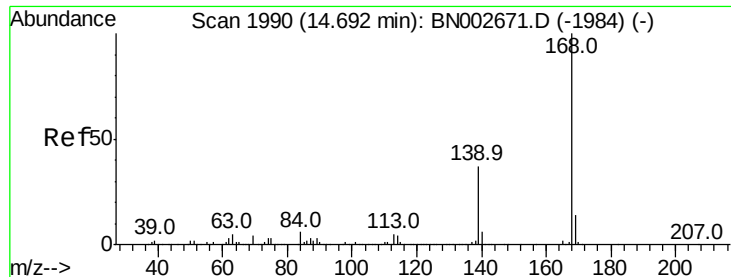
Acq: 13 Sep 2018 17:56

Tgt Ion:	153	Resp:	293665
Ion Ratio	Lower	Upper	
153	100		
152	45.3	38.3	57.5
154	88.3	71.8	107.8



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

Dibenzenofuran

Concen: 4.529 ng/ul

RT: 14.69 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BN002680.D

Acq: 13 Sep 2018 17:56

Instrument :

BNA_N

ClientSampleId :

C0D08

Tot Ion:168 Resp: 200022

Ion Ratio Lower Upper

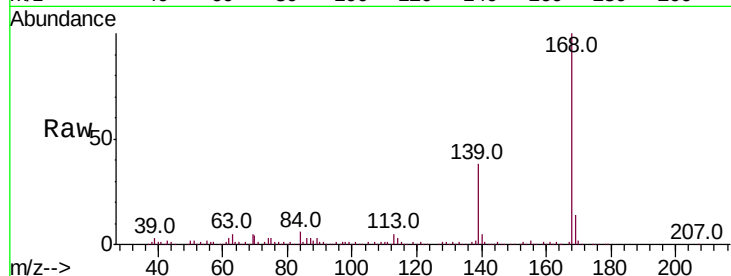
168 100

139 37.7 32.2 48.2

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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.69

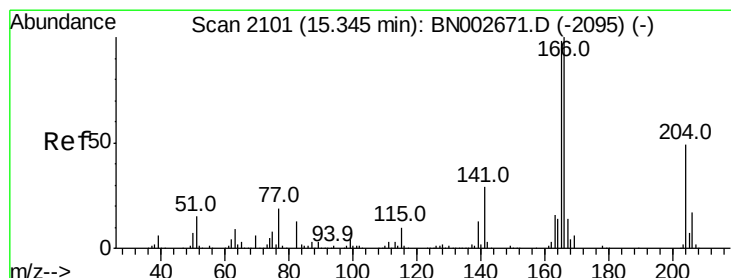
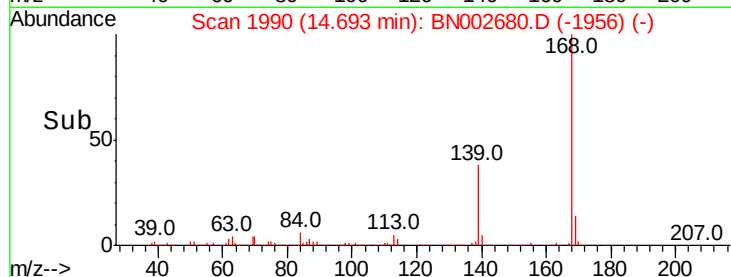
150000

100000

50000

0

Time-->



#58

Fluorene

Concen: 5.539 ng/ul

RT: 15.35 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BN002680.D

Acq: 13 Sep 2018 17:56

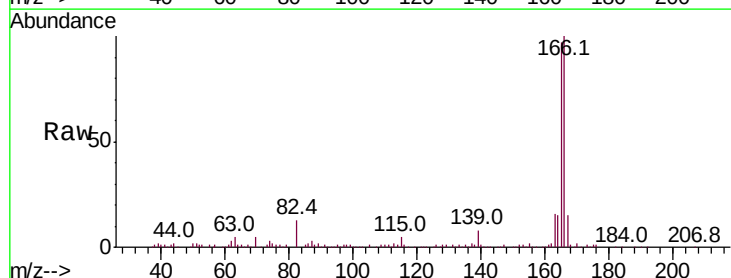
Tgt Ion:166 Resp: 200170

Ion Ratio Lower Upper

166 100

165 97.2 78.5 117.7

167 14.8 10.7 16.1



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

15.35

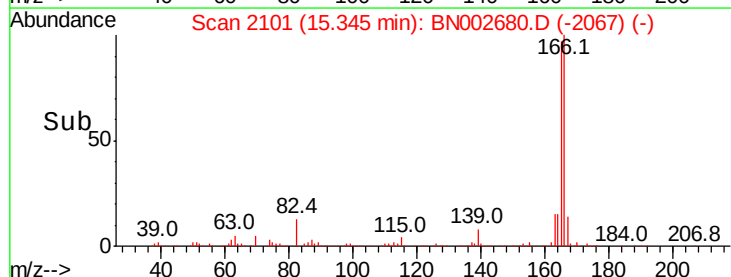
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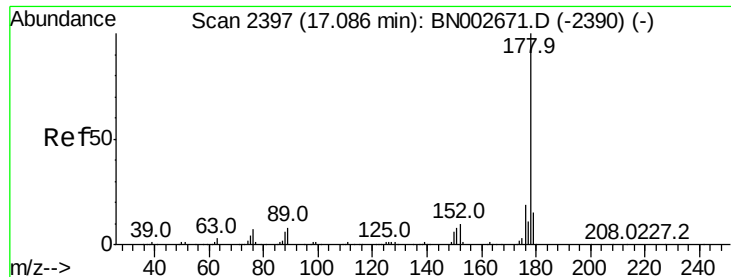
100000

50000

0

Time-->





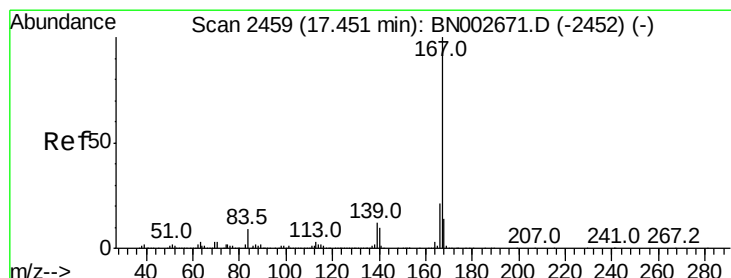
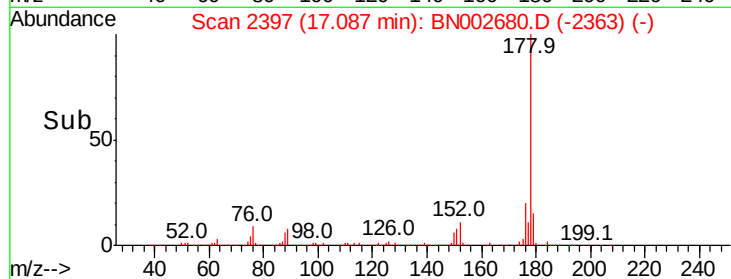
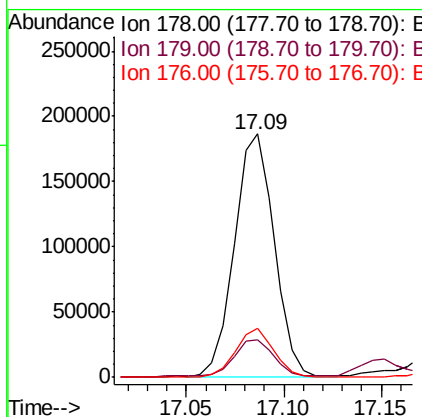
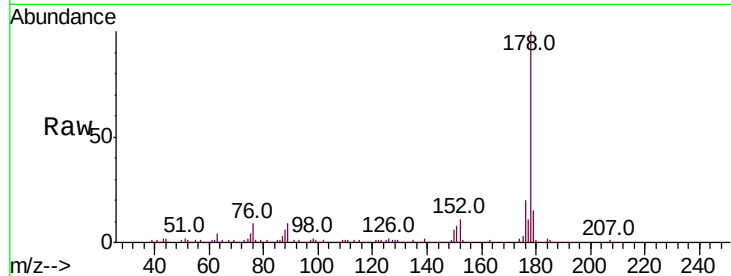
#69
 Phenanthrene
 Concen: 5.236 ng/ul
 RT: 17.09 min Scan# 2397
 Delta R.T. 0.00 min
 Lab File: BN002680.D
 Acq: 13 Sep 2018 17:56

Instrument :
 BNA_N
 ClientSampled :
 C0D08

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	19.9	15.6	23.4

Manual Integrations
 APPROVED

Sohil
 9/14/2018 5:15:48 PM



#74
 Carbazole
 Concen: 2.186 ng/ul
 RT: 17.45 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: BN002680.D
 Acq: 13 Sep 2018 17:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.0	25.6
139	12.6	11.0	16.4

