

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
 Data File : BN002676.D
 Acq On : 13 Sep 2018 15:31
 Operator : JU/SJ
 Sample : J4837-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C08H5

Manual Integrations
 APPROVED

Sohil
 9/14/2018 5:15:46 PM

Quant Time: Sep 13 17:30:15 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	170716	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	751007	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	431146	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	865138	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	660038	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	651777	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	13478m	3.73	ng/uL	0.00
5) Phenol-d5	6.85	99	40593	2.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	95307	9.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	105075	8.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	71816	5.74	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	62801	10.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	69341	11.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	126263	10.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	159435	12.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	399105	11.17	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	483255	11.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	14244m	2.11	ng/ul	0.03
57) Fluorene-d10	15.29	176	333956	10.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	13094	2.38	ng/ul	0.00
70) Anthracene-d10	17.14	188	476333	11.53	ng/ul	0.00
78) Pyrene-d10	19.44	212	435073	13.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	395653	11.61	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.27	88	79631	20.579	ng/uL 92
6) Phenol	6.88	94	71300	4.473	ng/ul 97
11) 2-Methylphenol	8.11	108	220235	18.306	ng/ul 100
16) 4-Methylphenol	8.43	108	107615	8.222	ng/ul 93
24) 2,4-Dimethylphenol	9.63	107	231007m	17.048	ng/ul
28) Naphthalene	10.48	128	1918770	49.658	ng/ul 100
34) 2-Methylnaphthalene	12.10	142	197444	6.923	ng/ul 98
40) 1,1'-Biophenyl	13.12	154	42266	1.225	ng/ul 97
44) Dimethylphthalate	13.75	163	43488	1.241	ng/ul 100
49) Acenaphthene	14.36	153	274948	9.337	ng/ul 99
53) Dibenzofuran	14.69	168	187200	4.506	ng/ul 96
58) Fluorene	15.35	166	189603	5.578	ng/ul 99
69) Phenanthrene	17.09	178	252958	5.304	ng/ul 99
74) Carbazole	17.45	167	94981	2.214	ng/ul 97

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

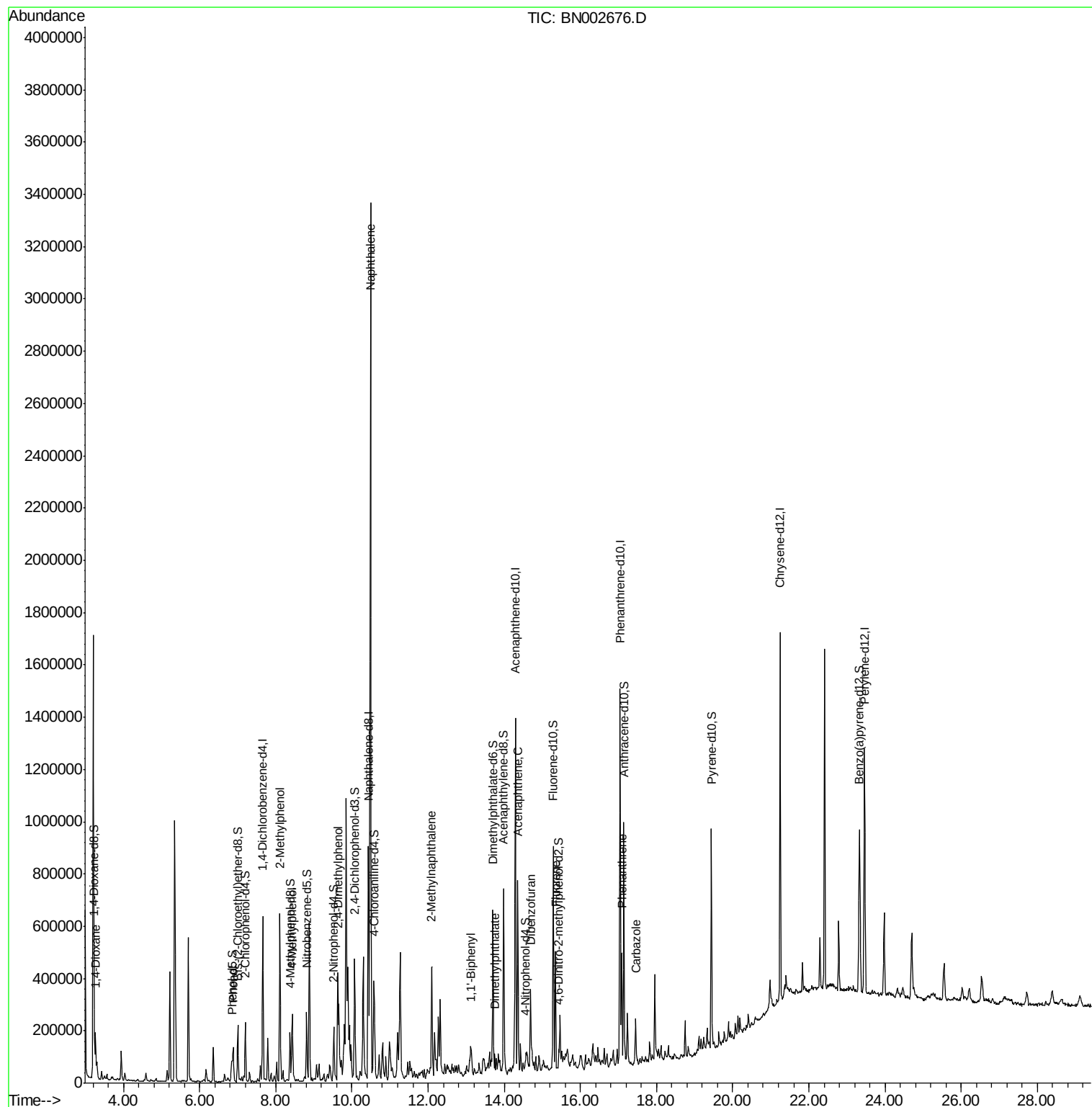
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002676.D
Acq On : 13 Sep 2018 15:31
Operator : JU/SJ
Sample : J4837-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

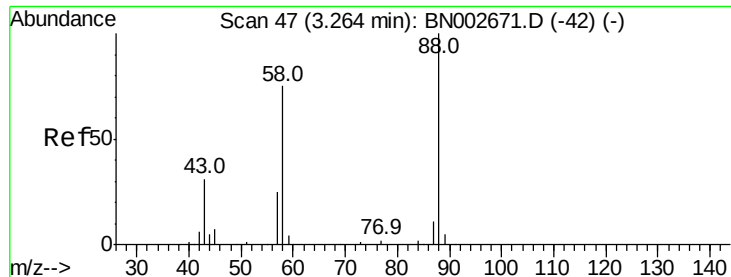
Instrument :
BNA_N
ClientSampleId :
C08H5

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Quant Time: Sep 13 17:30:15 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: 20.579 ng/uL

RT: 3.27 min Scan# 48

Delta R.T. 0.01 min

Lab File: BN002676.D

Acq: 13 Sep 2018 15:31

Instrument :

BNA_N

ClientSampleId :

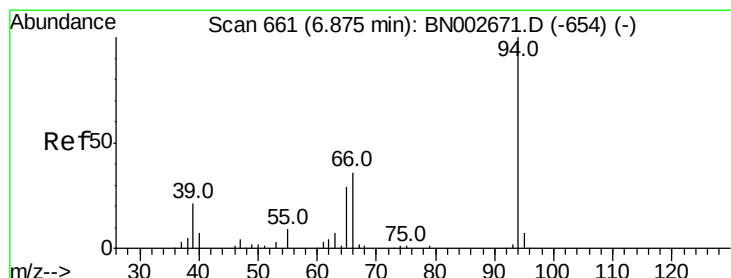
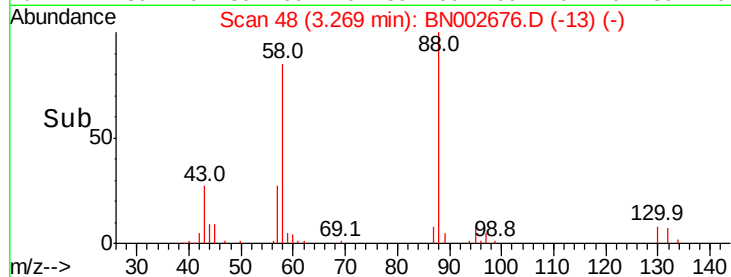
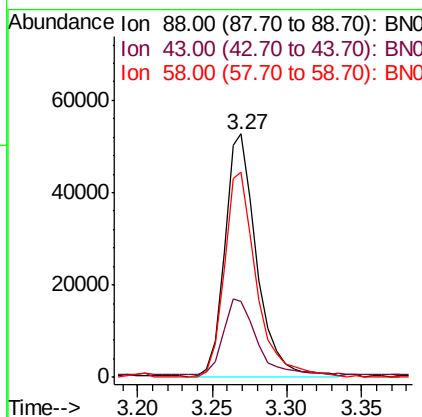
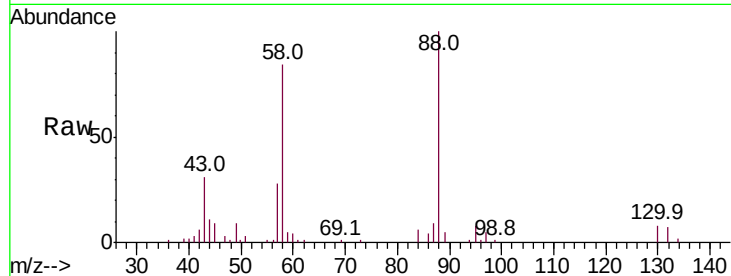
C08H5

Tot Ion:	88	Resp:	79631
Ion	Ratio	Lower	Upper
88	100		
43	32.1	32.0	48.0
58	84.6	72.0	108.0

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#6

Phenol

Concen: 4.473 ng/uL

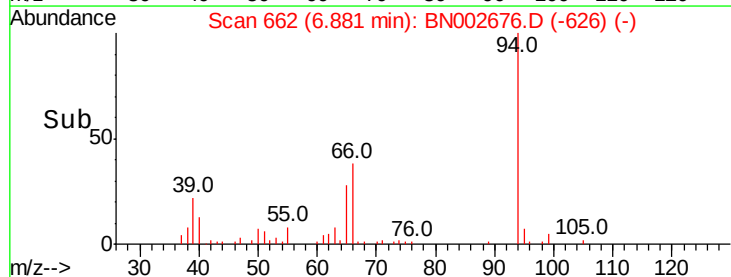
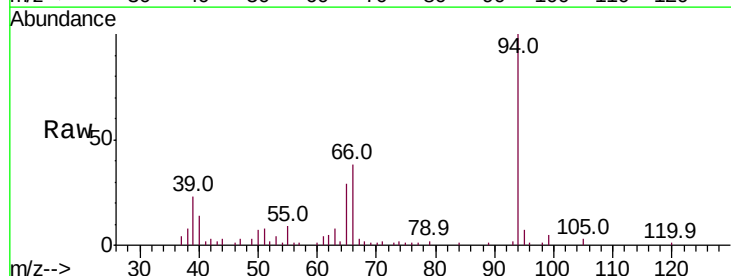
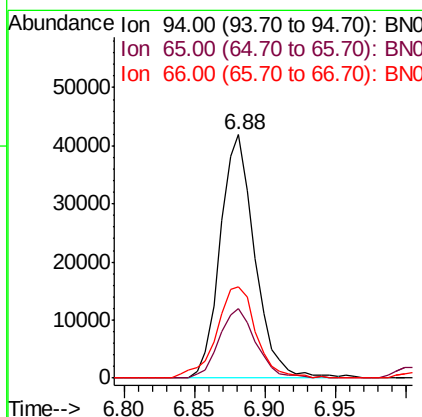
RT: 6.88 min Scan# 662

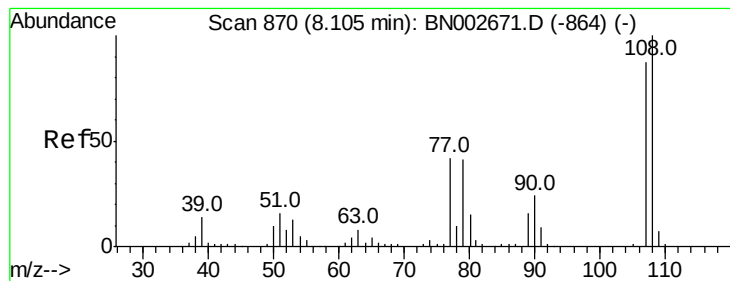
Delta R.T. 0.01 min

Lab File: BN002676.D

Acq: 13 Sep 2018 15:31

Tgt Ion:	94	Resp:	71300
Ion	Ratio	Lower	Upper
94	100		
65	28.6	21.0	31.6
66	37.7	29.3	43.9





#11

2-Methylphenol

Concen: 18.306 ng/ul

RT: 8.11 min Scan# 871

Delta R.T. 0.01 min

Lab File: BN002676.D

Acq: 13 Sep 2018 15:31

Instrument :

BNA_N

ClientSampled :

C08H5

Tot Ion:108 Resp: 220235

Ion Ratio Lower Upper

108 100

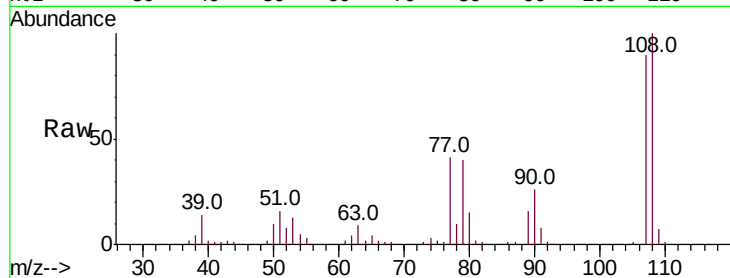
107 90.3 72.4 108.6

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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

150000

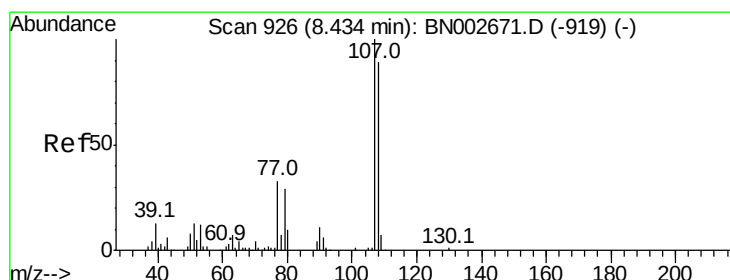
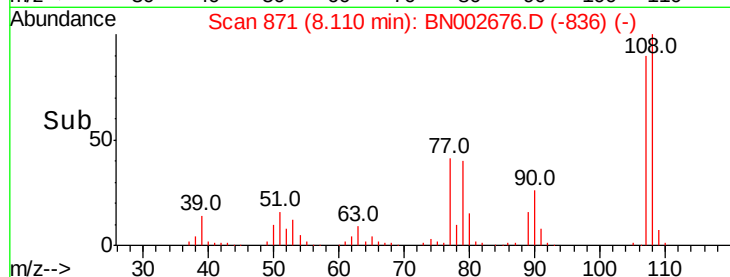
100000

50000

0

8.05 8.10 8.15 8.20

Time-->



#16

4-Methylphenol

Concen: 8.222 ng/ul

RT: 8.43 min Scan# 926

Delta R.T. 0.01 min

Lab File: BN002676.D

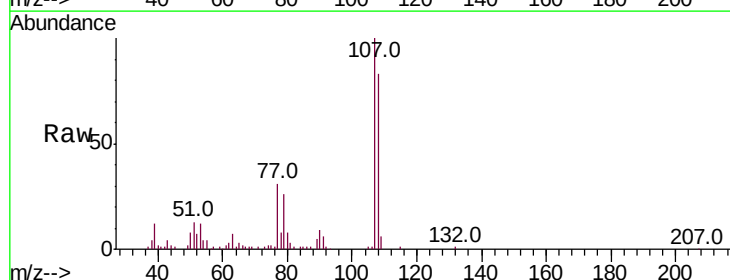
Acq: 13 Sep 2018 15:31

Tgt Ion:108 Resp: 107615

Ion Ratio Lower Upper

108 100

107 120.3 90.3 135.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

60000

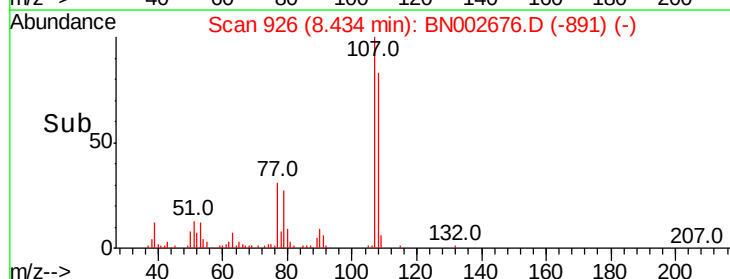
40000

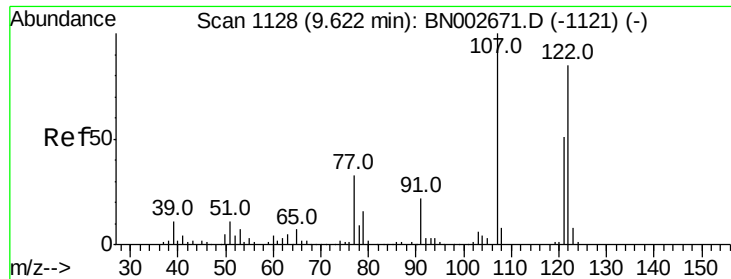
20000

0

8.40 8.50

Time-->





#24

2,4-Dimethylphenol

Concen: 17.048 ng/ul m

RT: 9.63 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BN002676.D

Acq: 13 Sep 2018 15:31

Instrument :

BNA_N

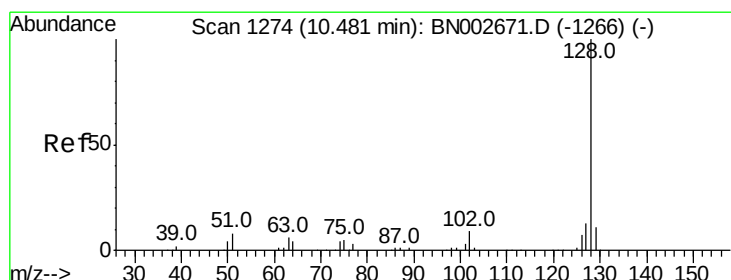
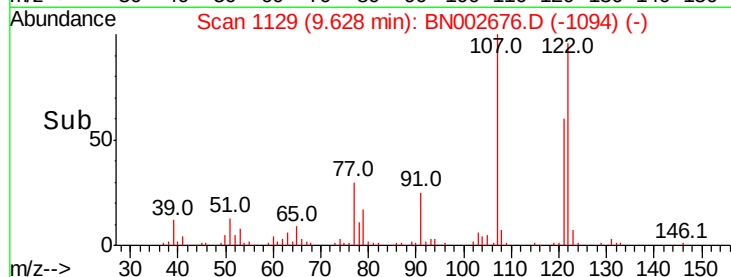
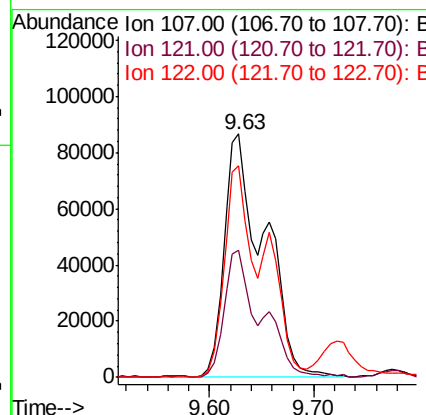
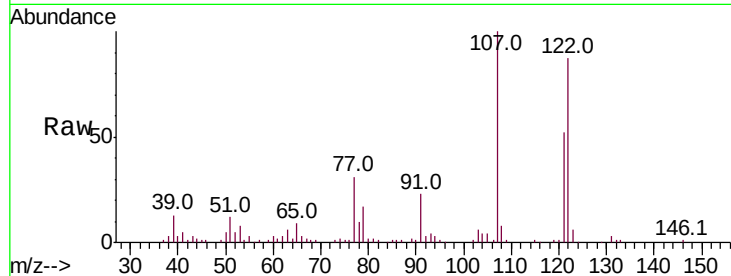
ClientSampled :

C08H5

Tot Ion:	107	Resp:	231007
Ion Ratio	Lower	Upper	
107	100		
121	52.2	40.6	61.0
122	87.1	67.8	101.6

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#28

Naphthalene

Concen: 49.658 ng/ul

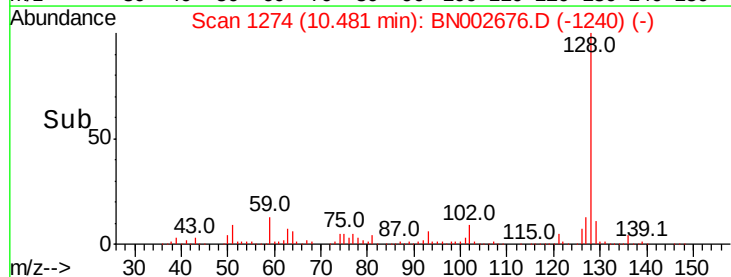
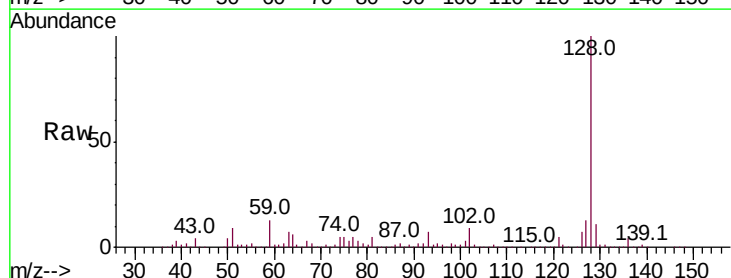
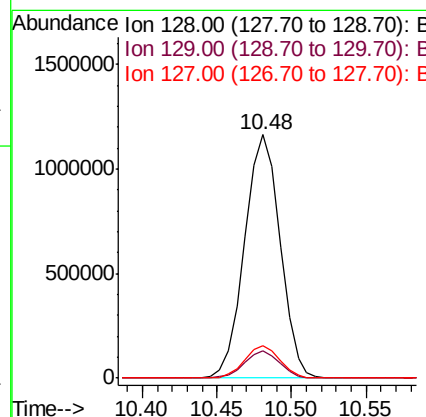
RT: 10.48 min Scan# 1274

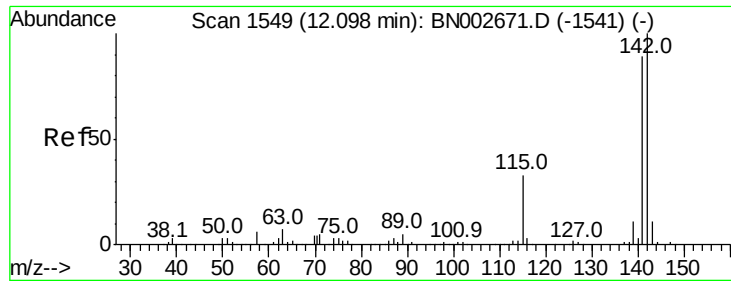
Delta R.T. -0.00 min

Lab File: BN002676.D

Acq: 13 Sep 2018 15:31

Tgt Ion:	128	Resp:	1918770
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.1	10.5	15.7





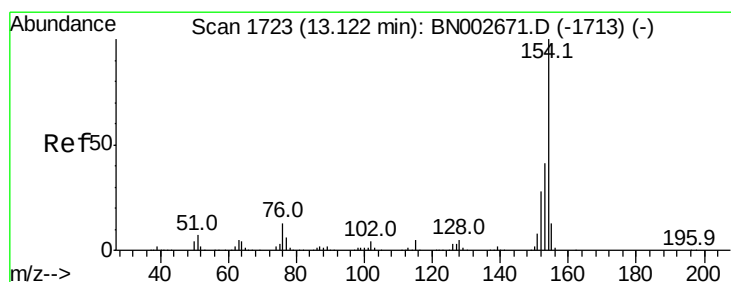
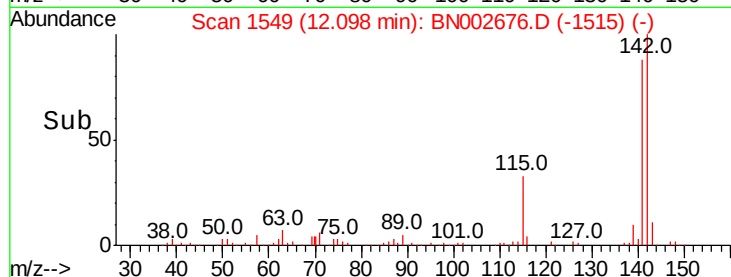
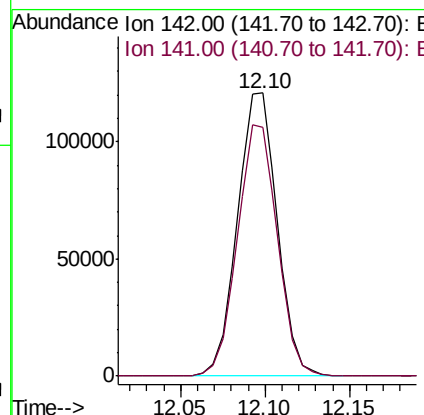
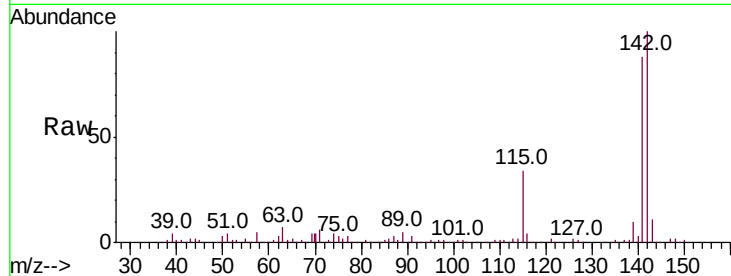
#34
 2-Methylnaphthalene
 Concen: 6.923 ng/ul
 RT: 12.10 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BN002676.D
 Acq: 13 Sep 2018 15:31

Instrument :
 BNA_N
 ClientSampled :
 C08H5

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.6	107.4

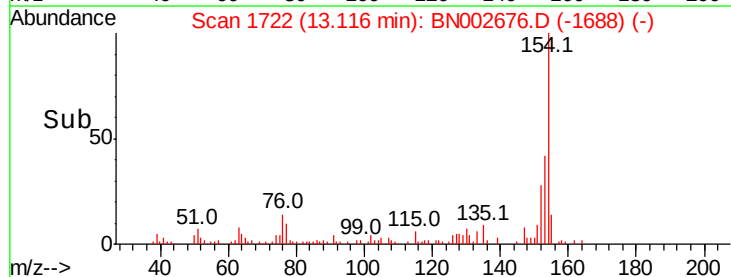
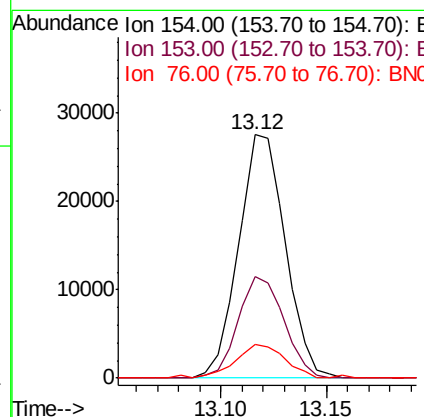
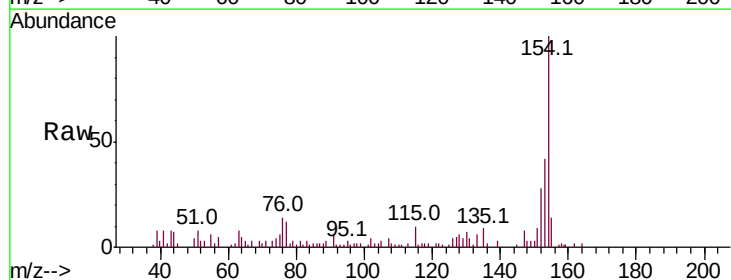
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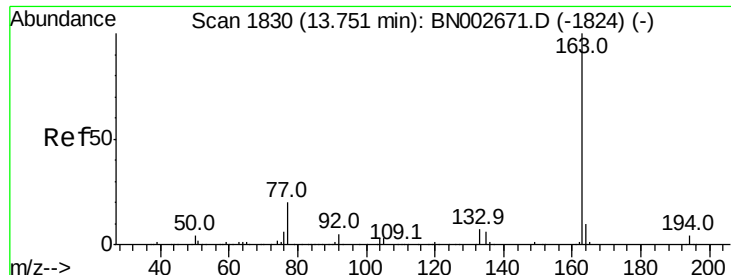
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#40
 1,1'-Biphenyl
 Concen: 1.225 ng/ul
 RT: 13.12 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BN002676.D
 Acq: 13 Sep 2018 15:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	32.1	48.1
76	14.0	9.5	14.3





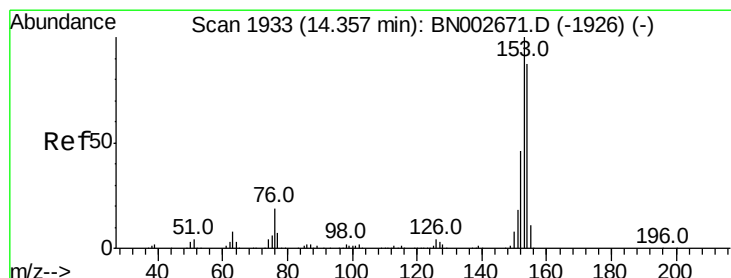
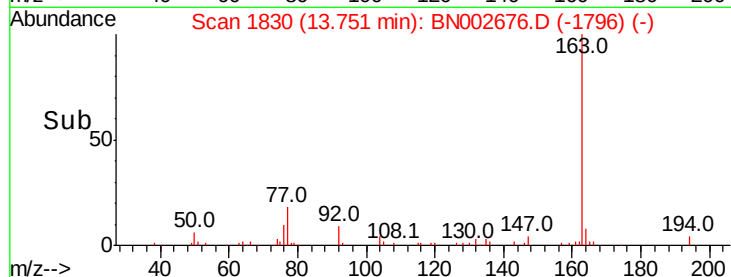
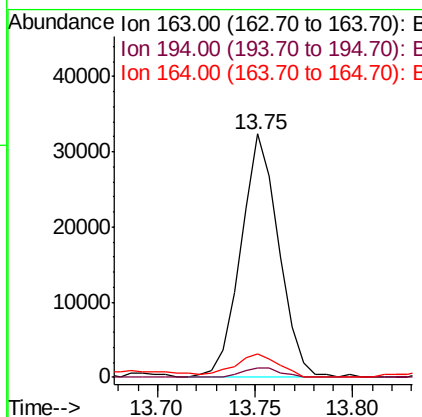
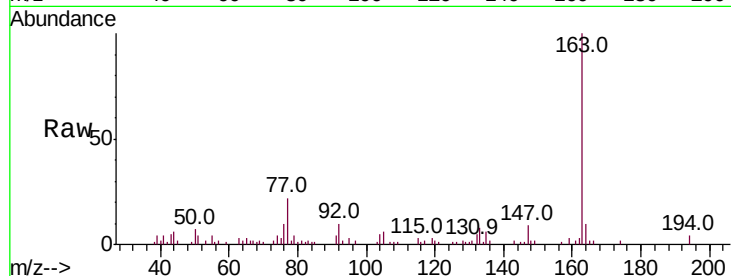
#44
Dimethylphthalate
Concen: 1.241 ng/ul
RT: 13.75 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BN002676.D
Acq: 13 Sep 2018 15:31

Instrument :
BNA_N
ClientSampled :
C08H5

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.9	7.8	11.8

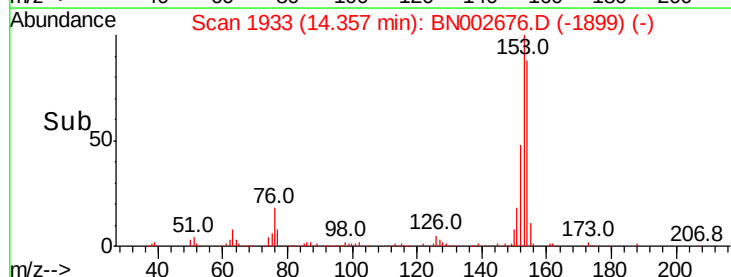
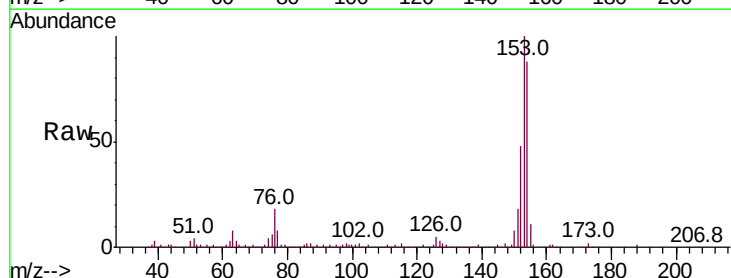
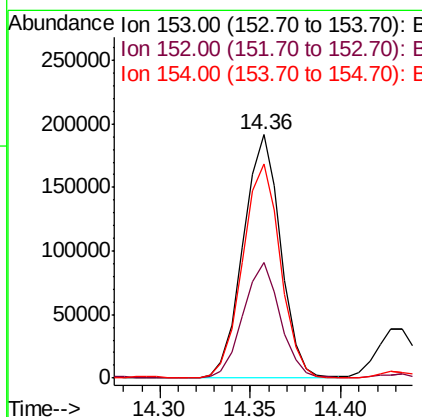
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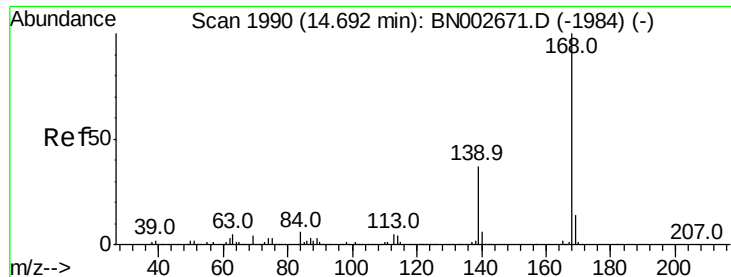
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#49
Acenaphthene
Concen: 9.337 ng/ul
RT: 14.36 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BN002676.D
Acq: 13 Sep 2018 15:31

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.7	38.3	57.5
154	88.0	71.8	107.8





#53

Dibenzofuran

Concen: 4.506 ng/ul

RT: 14.69 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BN002676.D

Acq: 13 Sep 2018 15:31

Instrument :

BNA_N

ClientSampled :

C08H5

Tot Ion:168 Resp: 187200

Ion Ratio Lower Upper

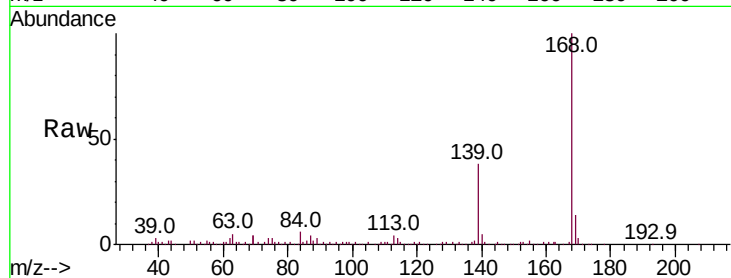
168 100

139 37.7 32.2 48.2

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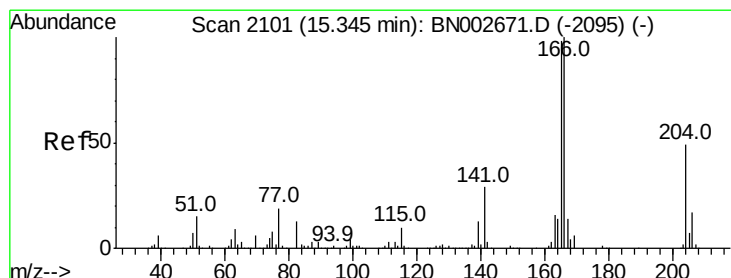
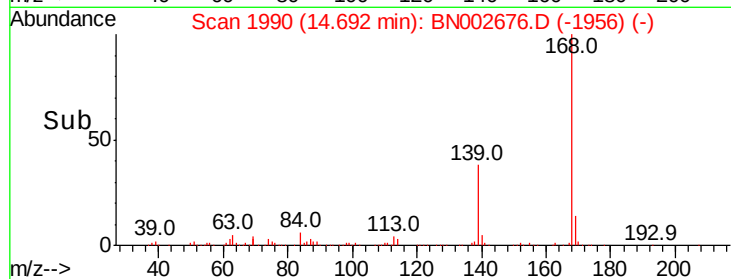
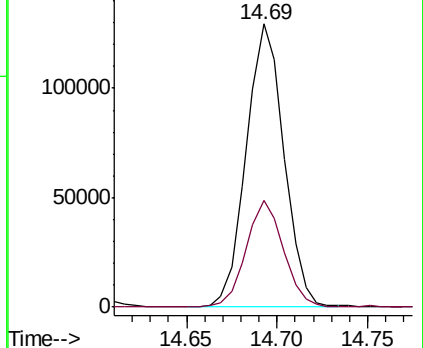
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 5.578 ng/ul

RT: 15.35 min Scan# 2101

Delta R.T. -0.00 min

Lab File: BN002676.D

Acq: 13 Sep 2018 15:31

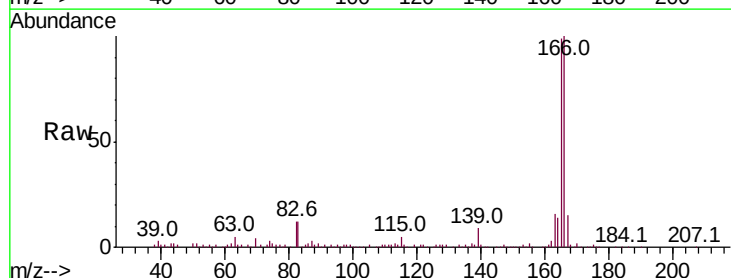
Tgt Ion:166 Resp: 189603

Ion Ratio Lower Upper

166 100

165 98.5 78.5 117.7

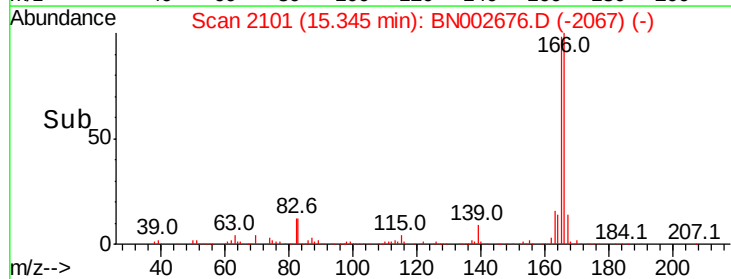
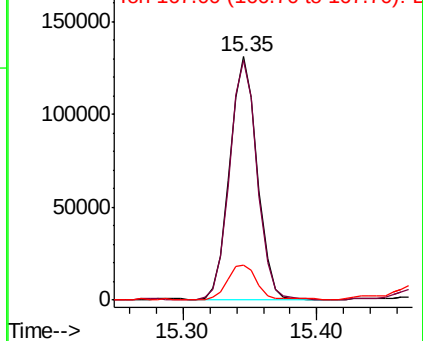
167 14.5 10.7 16.1

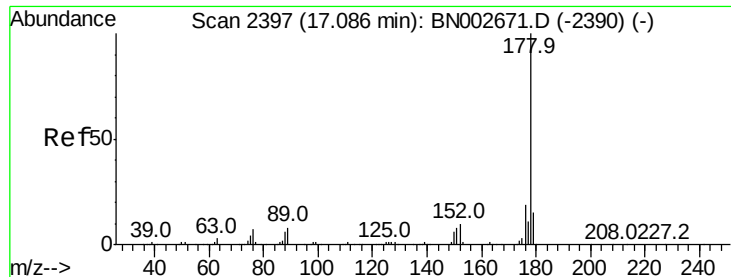


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





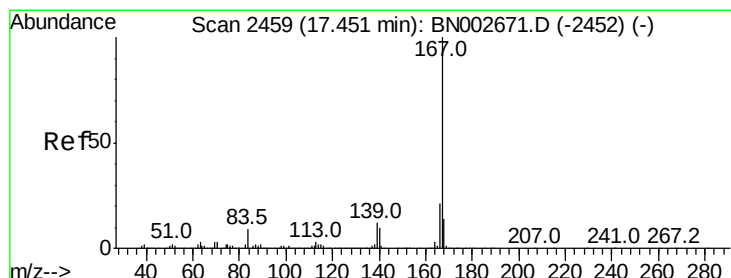
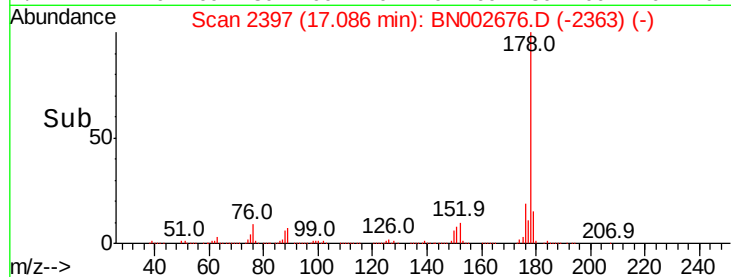
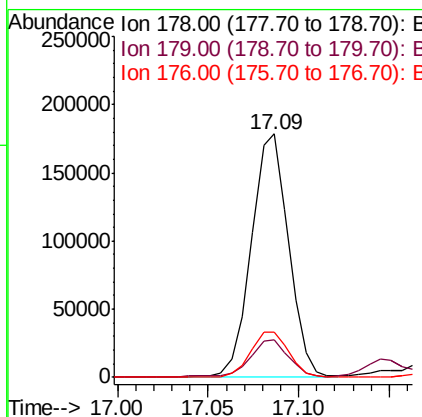
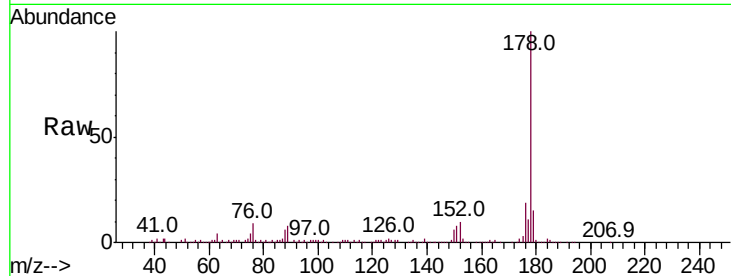
#69
 Phenanthrene
 Concen: 5.304 ng/ul
 RT: 17.09 min Scan# 2397
 Delta R.T. -0.00 min
 Lab File: BN002676.D
 Acq: 13 Sep 2018 15:31

Instrument :
 BNA_N
 ClientSampleId :
 C08H5

Tot Ion:	178	Resp:	252958
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.2	18.4
176	18.7	15.6	23.4

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#74
 Carbazole
 Concen: 2.214 ng/ul
 RT: 17.45 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: BN002676.D
 Acq: 13 Sep 2018 15:31

Tgt Ion:	167	Resp:	94981
Ion Ratio	Lower	Upper	
167	100		
166	20.9	17.0	25.6
139	11.5	11.0	16.4

