

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
 Data File : BM003669.D
 Acq On : 21 Dec 2015 00:02
 Operator : UM/SJ
 Sample : G4867-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9DB2

Manual Integrations
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Quant Time: Dec 21 14:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 03:56:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	22527	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	91744	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.35	164	67000	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	157374	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	215883	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	219643	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	431	1.03	ng/uL	0.00
5) Phenol-d5	6.87	99	14551	7.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	32866	32.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	42084	27.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	29032	17.66	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	33732	50.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	31205	41.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	50588	37.01	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.76	166	186075	33.60	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	216578	34.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	9757	9.05	ng/ul	0.00
58) Fluorene-d10	15.34	176	156745	34.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	29474	33.23	ng/ul	0.00
71) Anthracene-d10	17.20	188	260644	36.40	ng/ul	0.00
79) Pyrene-d10	19.50	212	315998	33.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	388136	35.57	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	6.90	94	7872	3.94	ng/ul	95
14) Acetophenone	8.50	105	13226m	5.15	ng/ul	
28) Naphthalene	10.63	128	16380710	3465.52	ng/ul	97
34) 2-Methylnaphthalene	12.17	142	1990557	563.90	ng/ul	100
41) 1,1'-Biphenyl	13.18	154	321915	59.16	ng/ul	99
48) Acenaphthylene	14.07	152	53728	7.79	ng/ul#	78
50) Acenaphthene	14.42	153	970392	210.78	ng/ul	99
54) Dibenzofuran	14.75	168	51541	7.84	ng/ul	96
59) Fluorene	15.40	166	378494	71.76	ng/ul	100
70) Phenanthrene	17.14	178	681016	78.23	ng/ul	100
72) Anthracene	17.23	178	121892	13.73	ng/ul	99
75) Carbazole	17.50	167	213837	26.39	ng/ul	100
77) Fluoranthene	19.16	202	69641	6.96	ng/ul	99
80) Pyrene	19.53	202	94754	7.63	ng/ul	99

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

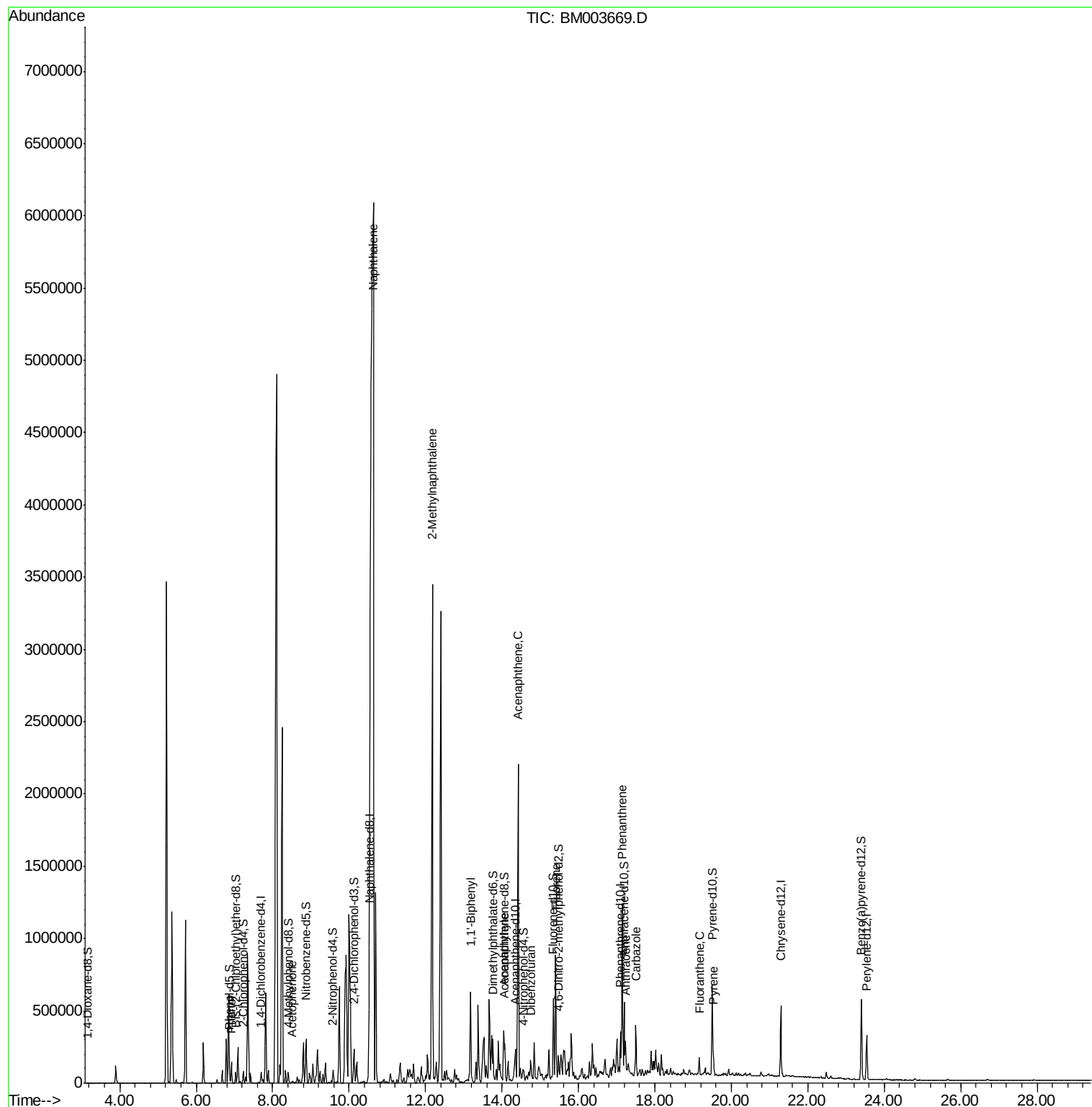
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003669.D
Acq On : 21 Dec 2015 00:02
Operator : UM/SJ
Sample : G4867-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

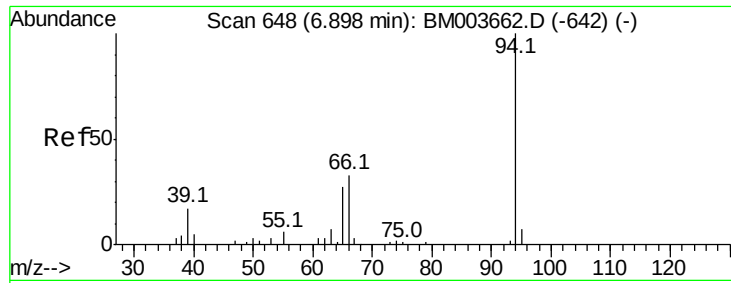
Instrument :
BNA_M
ClientSampleId :
G9DB2

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Quant Time: Dec 21 14:55:55 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 03:56:12 2015
Response via : Initial Calibration





#6

Phenol

Concen: 3.94 ng/ul

RT: 6.90 min Scan# 648

Delta R.T. -0.00 min

Lab File: BM003669.D

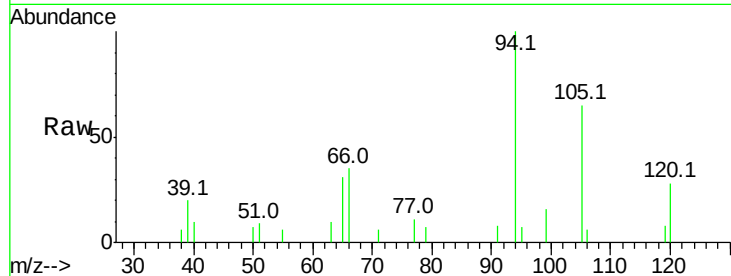
Acq: 21 Dec 2015 00:02

Instrument :

BNA_M

ClientSampleId :

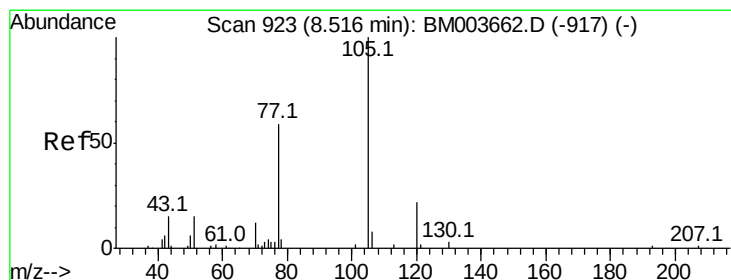
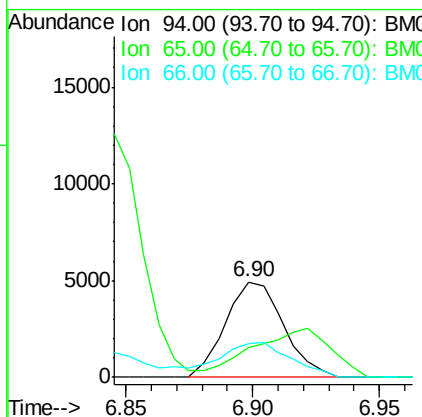
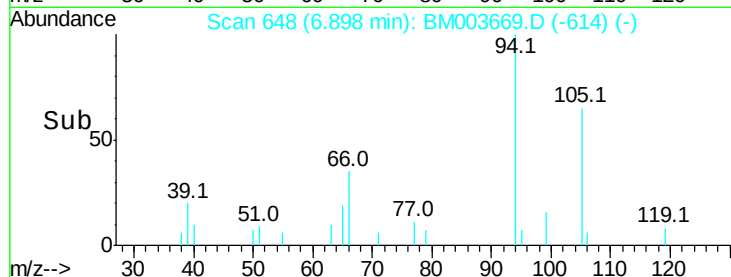
G9DB2



Tot Ion:	94	Resp:	7872
Ion	Ratio	Lower	Upper
94	100		
65	31.0	21.0	31.6
66	35.1	29.3	43.9

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#14

Acetophenone

Concen: 5.15 ng/ul m

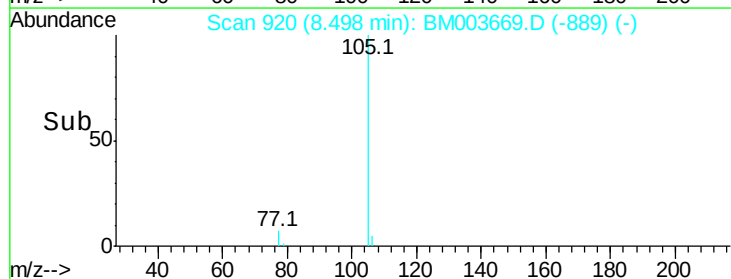
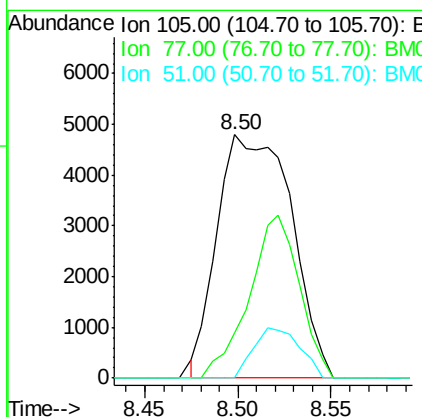
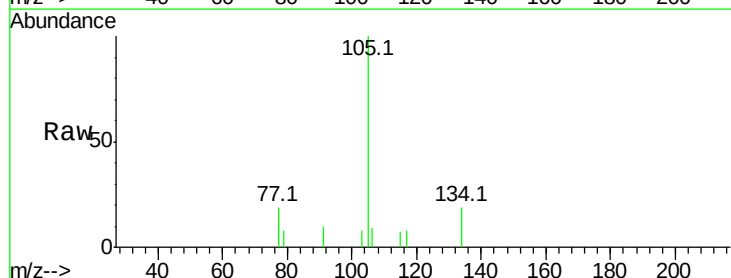
RT: 8.50 min Scan# 920

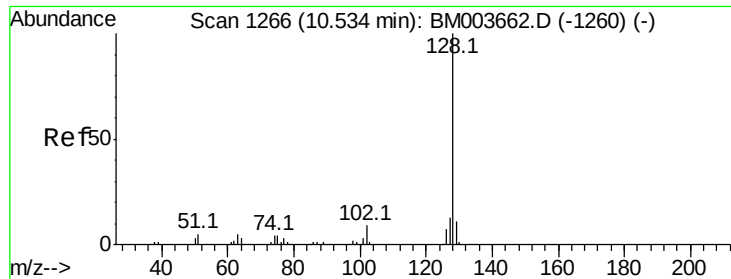
Delta R.T. -0.02 min

Lab File: BM003669.D

Acq: 21 Dec 2015 00:02

Tgt Ion:	105	Resp:	13226
Ion	Ratio	Lower	Upper
105	100		
77	18.6	59.0	88.4#
51	0.0	16.4	24.6#





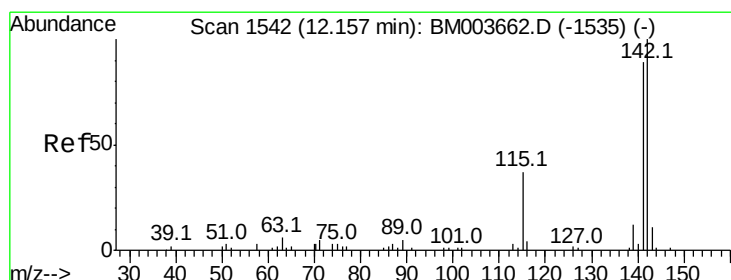
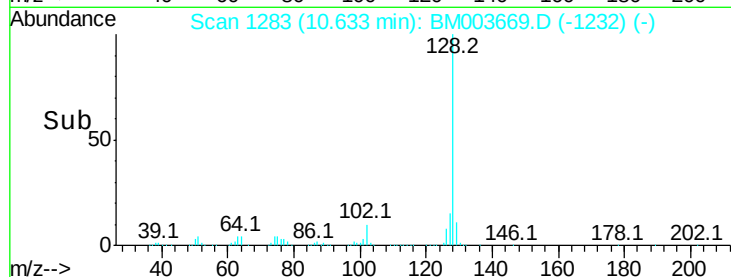
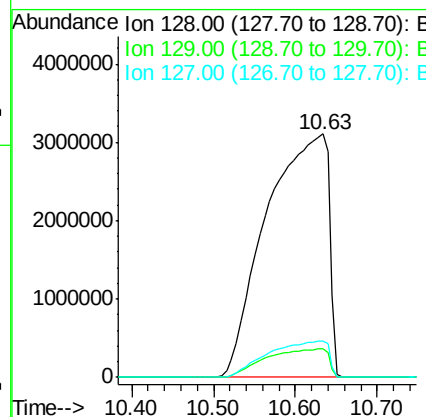
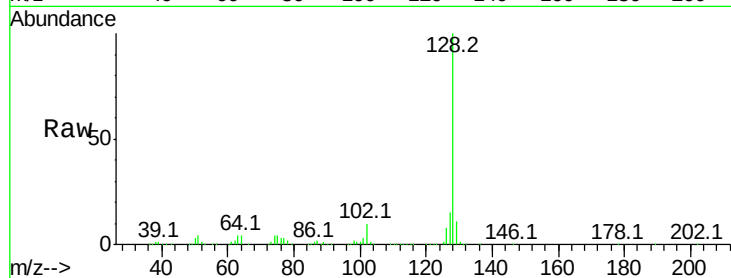
#28
Naphthalene
Concen: 3465.52 ng/ul
RT: 10.63 min Scan# 1283
Delta R.T. 0.10 min
Lab File: BM003669.D
Acq: 21 Dec 2015 00:02

Instrument :
BNA_M
ClientSampleId :
G9DB2

Tot Ion:128 Resp:16380710
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 14.9 10.5 15.7

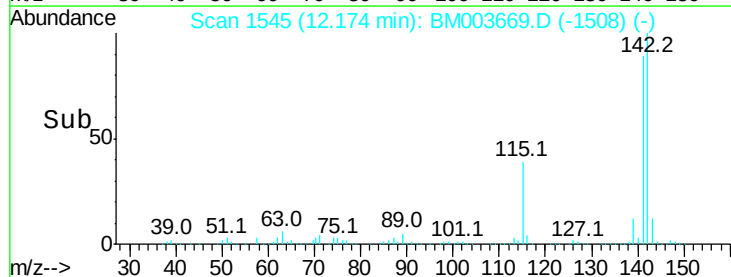
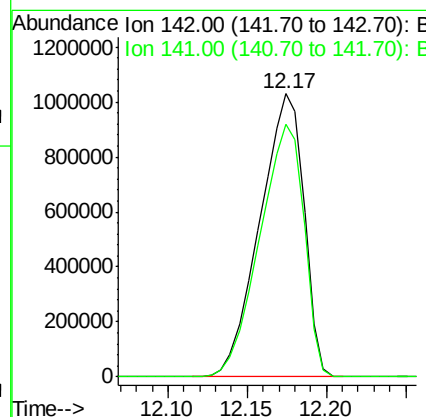
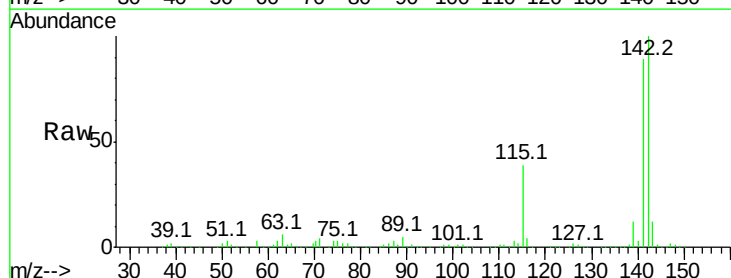
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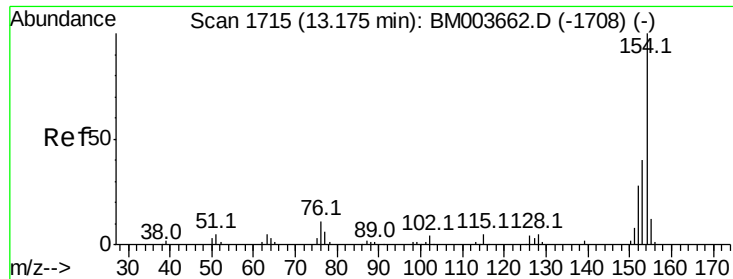
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#34
2-Methylnaphthalene
Concen: 563.90 ng/ul
RT: 12.17 min Scan# 1545
Delta R.T. 0.02 min
Lab File: BM003669.D
Acq: 21 Dec 2015 00:02

Tgt Ion:142 Resp: 1990557
Ion Ratio Lower Upper
142 100
141 89.3 71.6 107.4





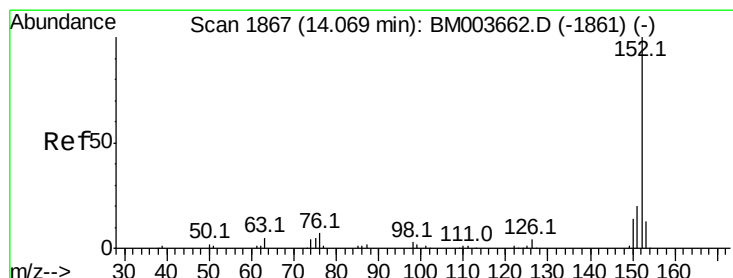
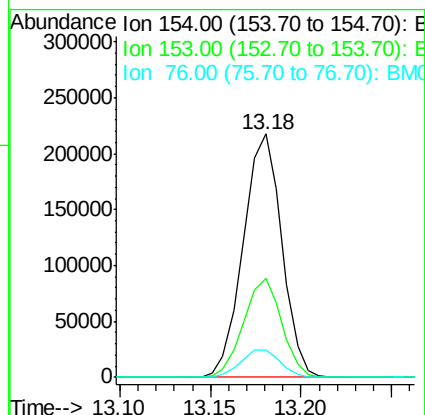
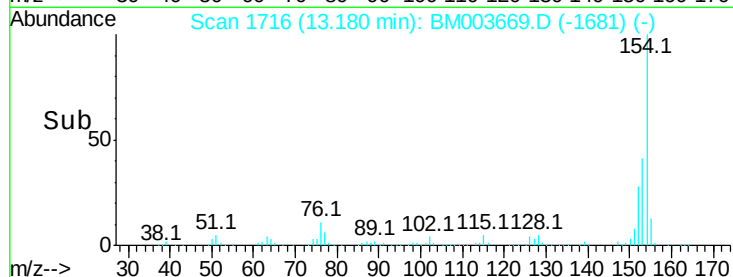
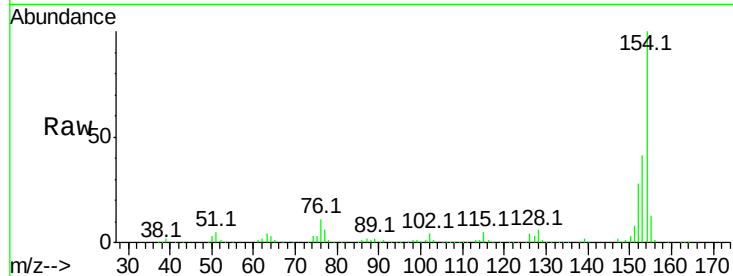
#41
1,1'-Biphenyl
Concen: 59.16 ng/ul
RT: 13.18 min Scan# 1716
Delta R.T. 0.01 min
Lab File: BM003669.D
Acq: 21 Dec 2015 00:02

Instrument :
BNA_M
ClientSampled :
G9DB2

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.7	32.1	48.1	
76	11.4	9.5	14.3	

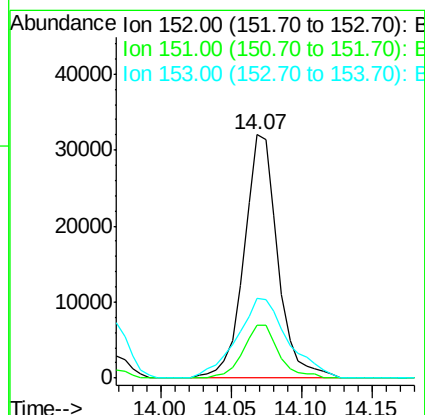
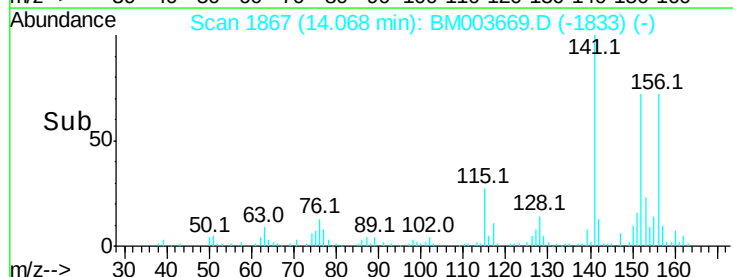
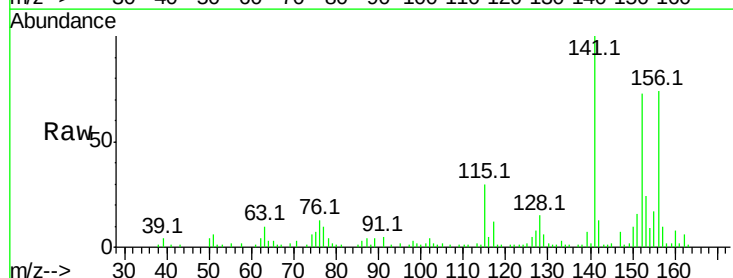
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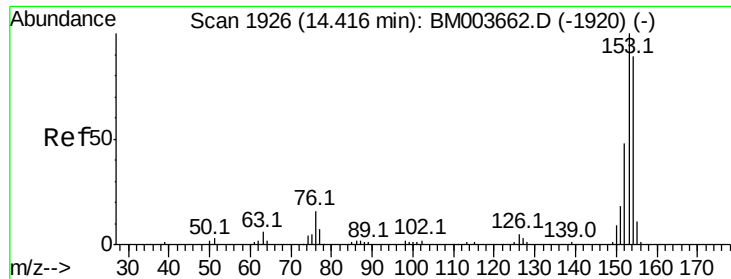
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#48
Acenaphthylene
Concen: 7.79 ng/ul
RT: 14.07 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BM003669.D
Acq: 21 Dec 2015 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	21.7	15.7	23.5	
153	32.6	10.5	15.7#	





#50

Acenaphthene

Concen: 210.78 ng/ul

RT: 14.42 min Scan# 1927

Delta R.T. 0.01 min

Lab File: BM003669.D

Acq: 21 Dec 2015 00:02

Instrument :

BNA_M

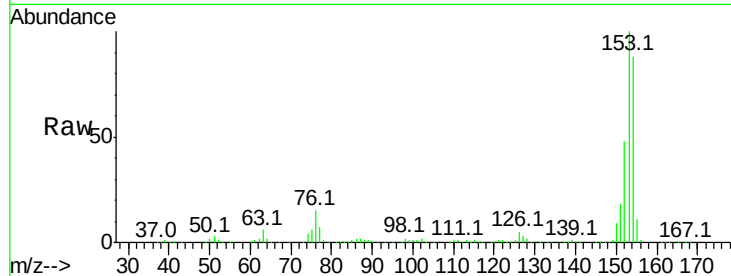
ClientSampleId :

G9DB2

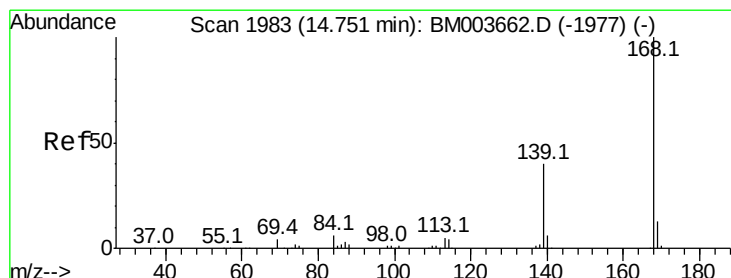
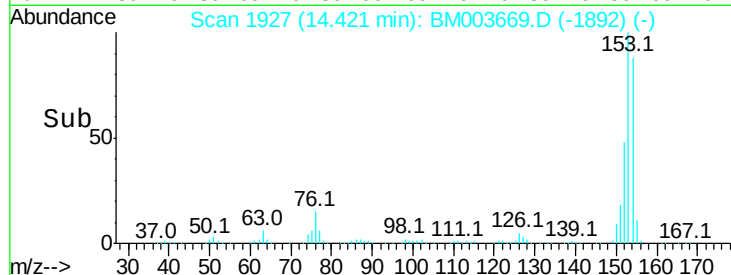
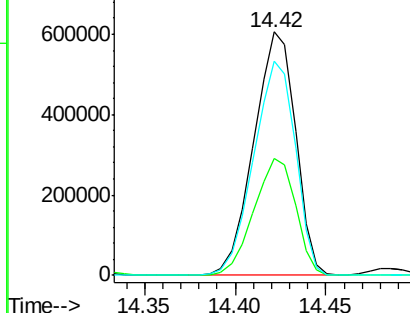
Tot Ion:	153	Resp:	970392
Ion Ratio	Lower	Upper	
153	100		
152	47.9	38.3	57.5
154	88.0	71.8	107.8

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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



#54

Dibenzofuran

Concen: 7.84 ng/ul

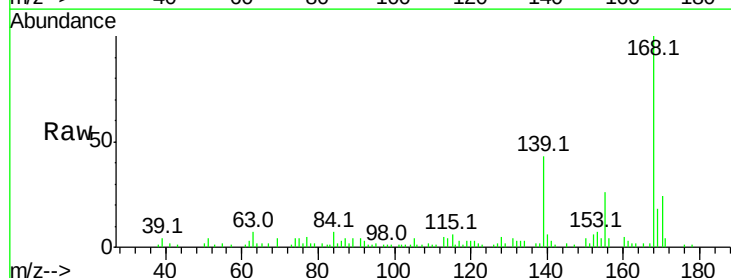
RT: 14.75 min Scan# 1983

Delta R.T. -0.00 min

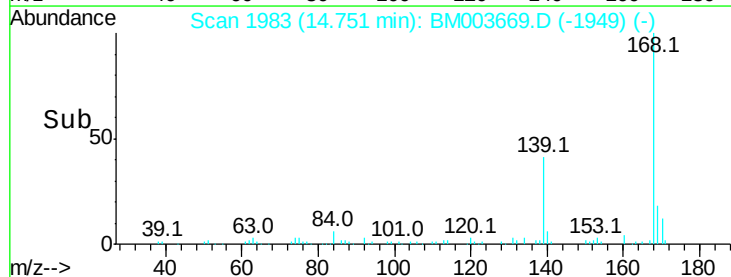
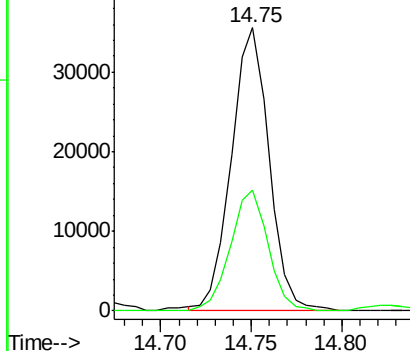
Lab File: BM003669.D

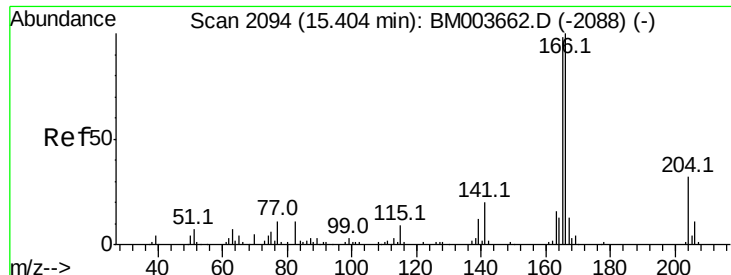
Acq: 21 Dec 2015 00:02

Tgt Ion:	168	Resp:	51541
Ion Ratio	Lower	Upper	
168	100		
139	42.7	32.2	48.2



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





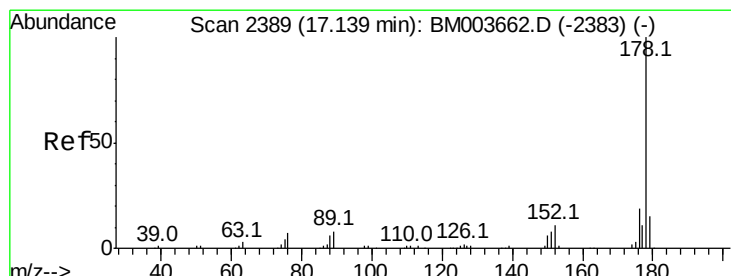
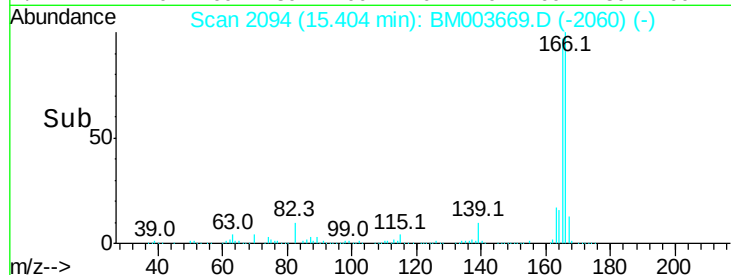
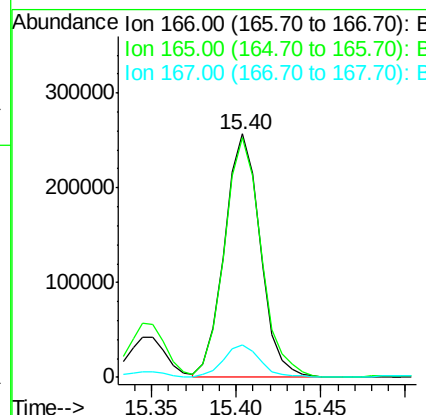
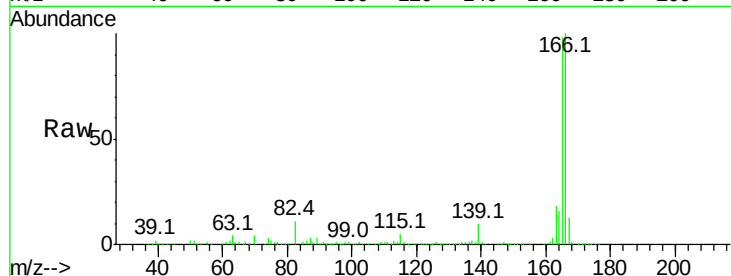
#59
Fluorene
 Concen: 71.76 ng/ul
 RT: 15.40 min Scan# 2094
 Delta R.T. -0.00 min
 Lab File: BM003669.D
 Acq: 21 Dec 2015 00:02

Instrument :
 BNA_M
 ClientSampleId :
 G9DB2

Tot Ion	Ratio	Resp	Lower	Upper
166	100	378494		
165	98.4		78.5	117.7
167	13.4		10.7	16.1

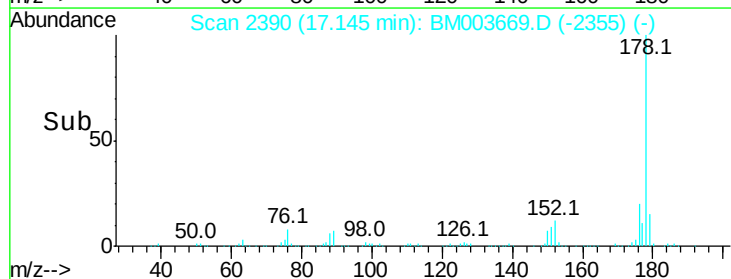
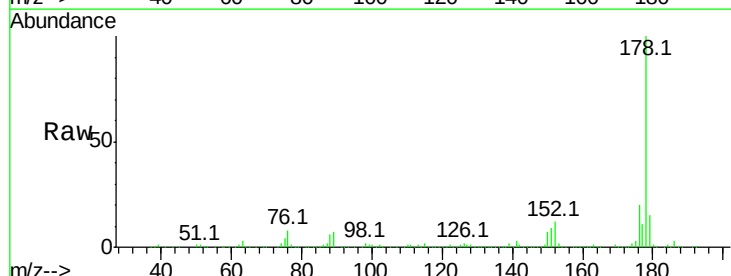
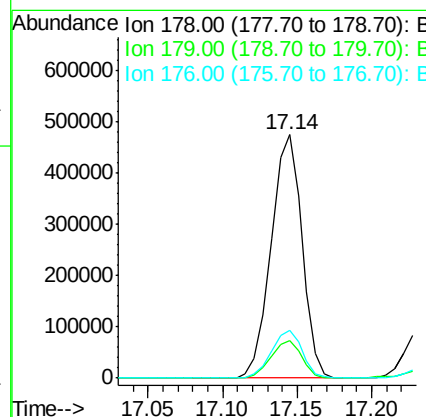
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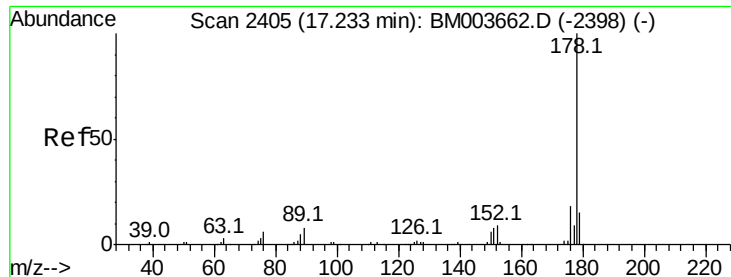
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#70
Phenanthrene
 Concen: 78.23 ng/ul
 RT: 17.14 min Scan# 2390
 Delta R.T. 0.01 min
 Lab File: BM003669.D
 Acq: 21 Dec 2015 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	681016		
179	15.3		12.2	18.4
176	19.6		15.6	23.4





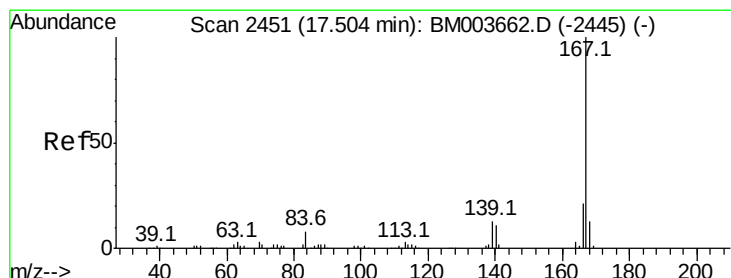
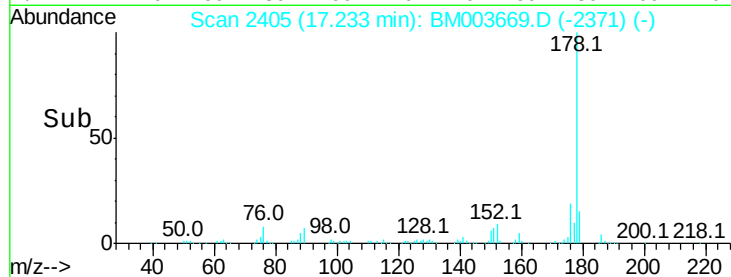
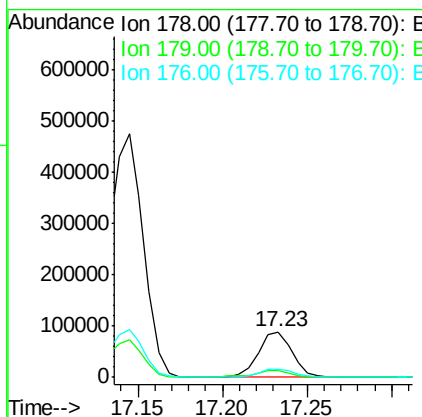
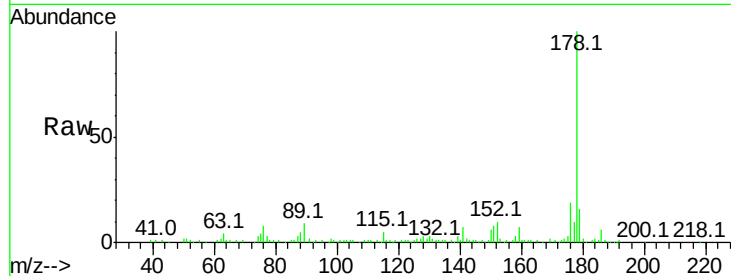
#72
 Anthracene
 Concen: 13.73 ng/ul
 RT: 17.23 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BM003669.D
 Acq: 21 Dec 2015 00:02

Instrument :
 BNA_M
 ClientSampleId :
 G9DB2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	18.9	14.8	22.2

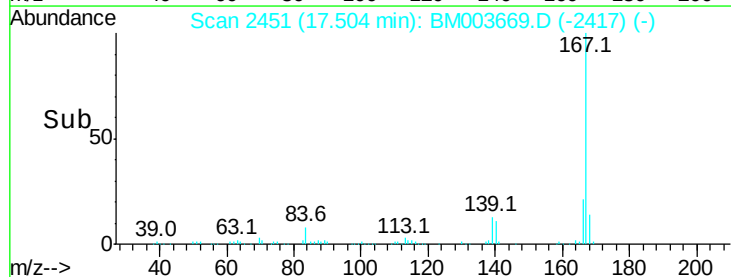
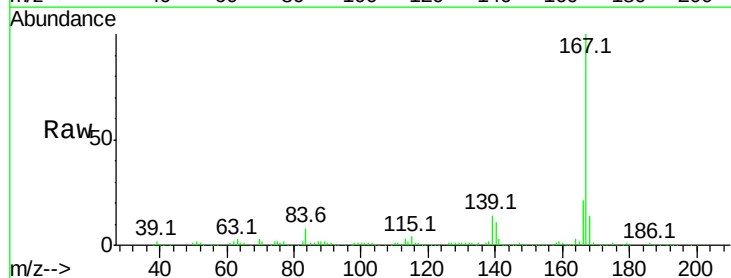
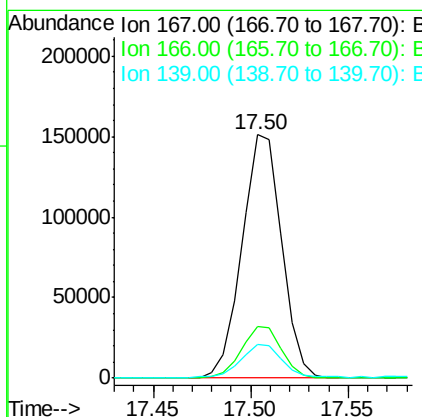
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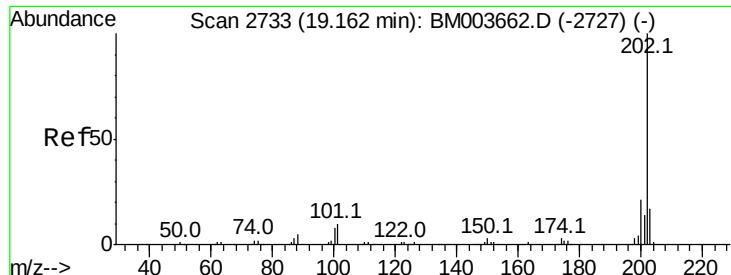
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#75
 Carbazole
 Concen: 26.39 ng/ul
 RT: 17.50 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BM003669.D
 Acq: 21 Dec 2015 00:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	13.9	11.0	16.4





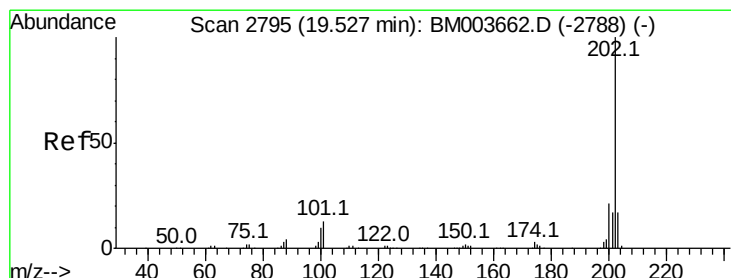
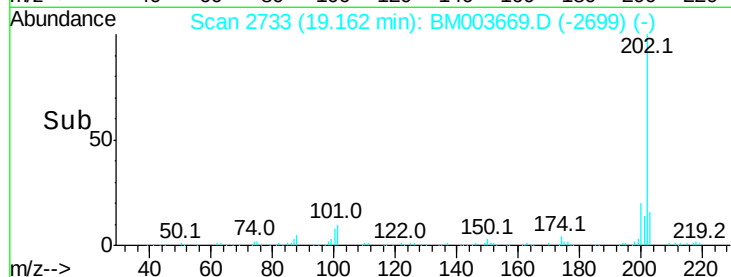
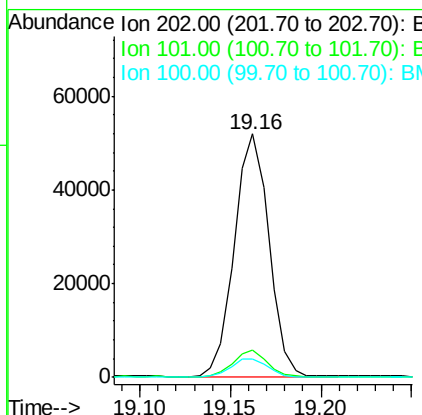
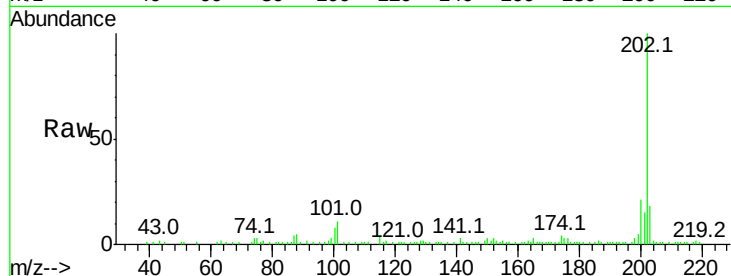
#77
 Fluoranthene
 Concen: 6.96 ng/ul
 RT: 19.16 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: BM003669.D
 Acq: 21 Dec 2015 00:02

Instrument :
 BNA_M
 ClientSampleId :
 G9DB2

Tot Ion:	202	Resp:	69641
Ion Ratio	Lower	Upper	
202	100		
101	11.2	8.8	13.2
100	7.8	6.6	9.8

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#80
 Pyrene
 Concen: 7.63 ng/ul
 RT: 19.53 min Scan# 2795
 Delta R.T. -0.00 min
 Lab File: BM003669.D
 Acq: 21 Dec 2015 00:02

Tgt Ion:	202	Resp:	94754
Ion Ratio	Lower	Upper	
202	100		
101	12.9	10.2	15.2
100	10.0	8.5	12.7

