

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122115\
 Data File : BM003693.D
 Acq On : 22 Dec 2015 01:17
 Operator : UM/SJ
 Sample : G4867-11DL 30X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9DA6DL

Quant Time: Dec 22 02:48:21 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 02:40:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	30035	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	122052	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.34	164	66671	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	143515	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	155331	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	154016	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.03	67	1216	0.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	1387	0.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	601	0.27	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	541	0.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	612	0.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	1154	0.63	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.76	166	5893	1.07	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	6973	1.11	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.34	176	6083	1.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.19	188	8209	1.26	ng/ul	0.00
79) Pyrene-d10	19.49	212	9040	1.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	9370	1.22	ng/ul	0.00

Target Compounds

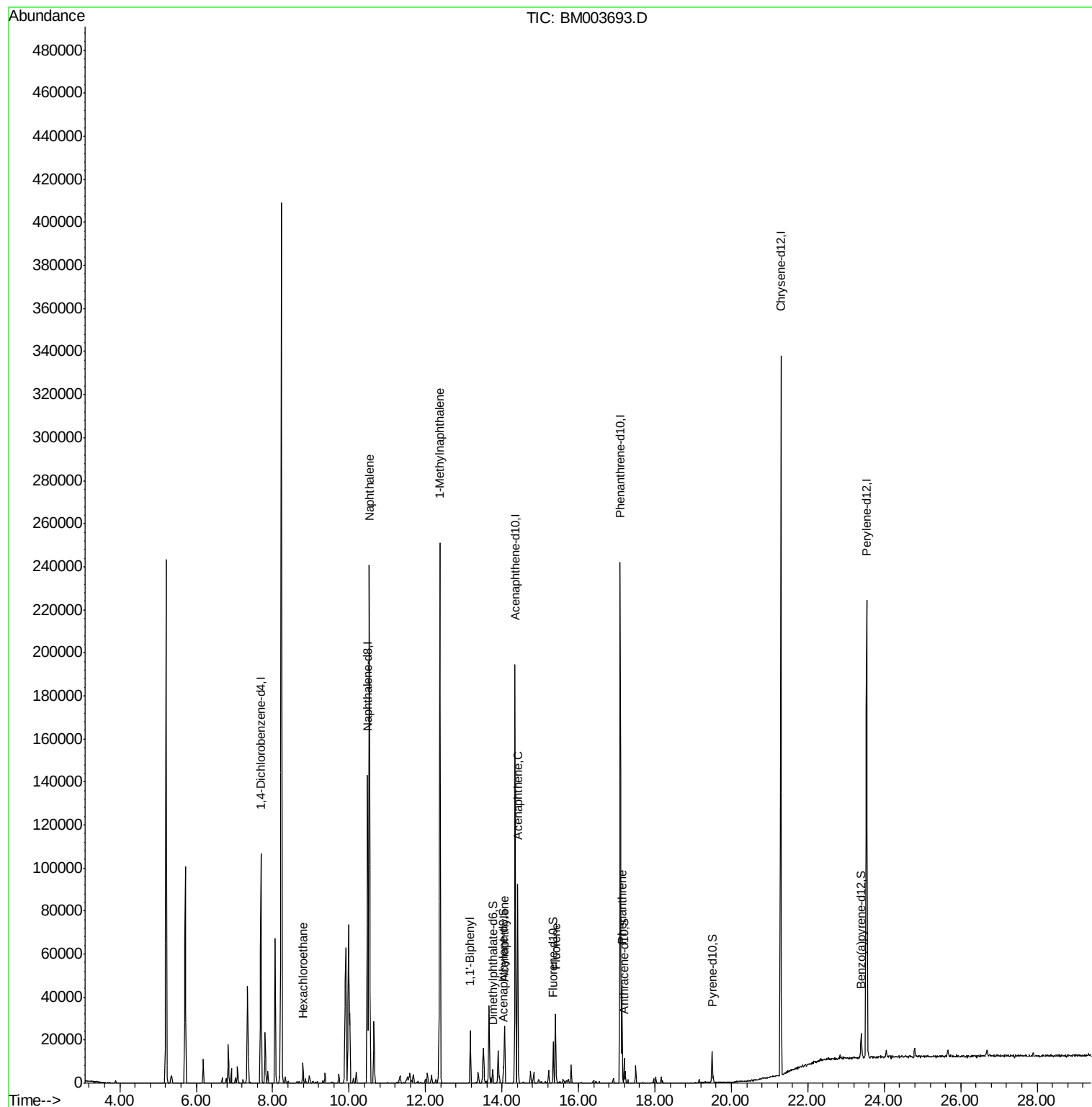
						Qvalue
17) Hexachloroethane	8.79	117	1245	1.52	ng/ul#	7
28) Naphthalene	10.53	128	207409	32.98	ng/ul	100
35) 1-Methylnaphthalene	12.37	142	120569	27.03	ng/ul	99
41) 1,1'-Biphenyl	13.17	154	14958	2.76	ng/ul	100
48) Acenaphthylene	14.07	152	15513	2.26	ng/ul#	94
50) Acenaphthene	14.41	153	38342	8.37	ng/ul	99
59) Fluorene	15.40	166	17175	3.27	ng/ul	98
70) Phenanthrene	17.14	178	29699	3.74	ng/ul	100

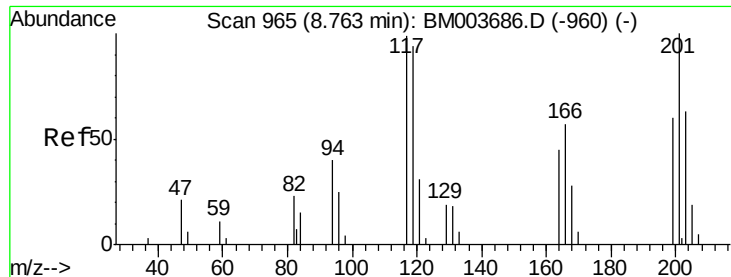
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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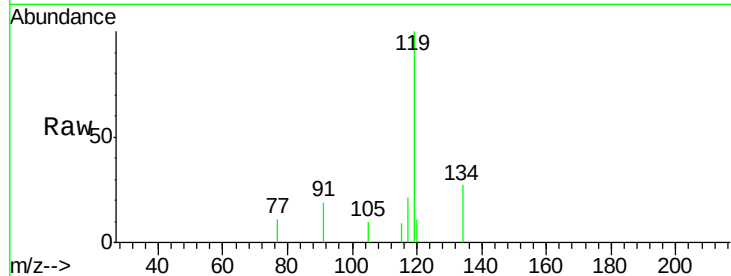




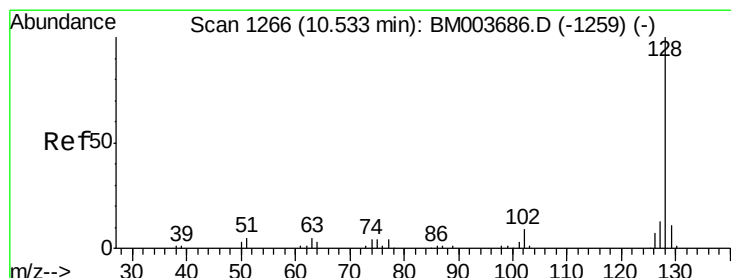
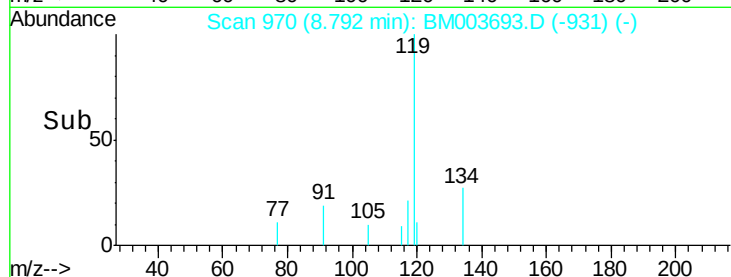
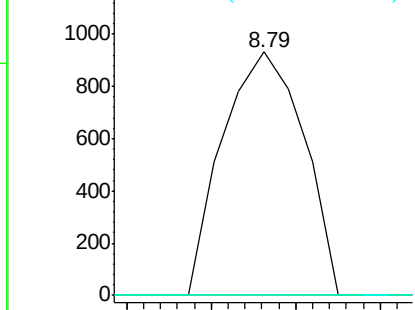
#17
Hexachloroethane
Concen: 1.52 ng/ul
RT: 8.79 min Scan# 970
Delta R.T. 0.03 min
Lab File: BM003693.D
Acq: 22 Dec 2015 01:17

Instrument :
BNA_M
ClientSampleId :
G9DA6DL

Tgt Ion:117 Resp: 1245
Ion Ratio Lower Upper
117 100
201 0.0 81.5 122.3#
199 0.0 50.6 76.0#

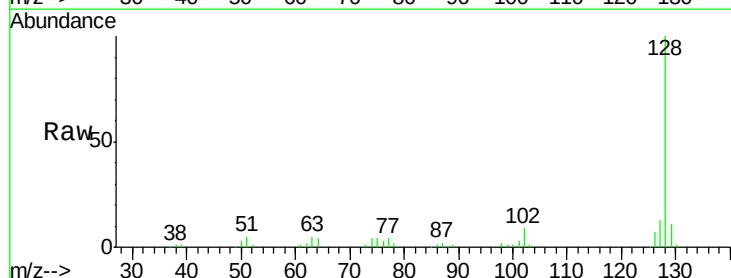


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

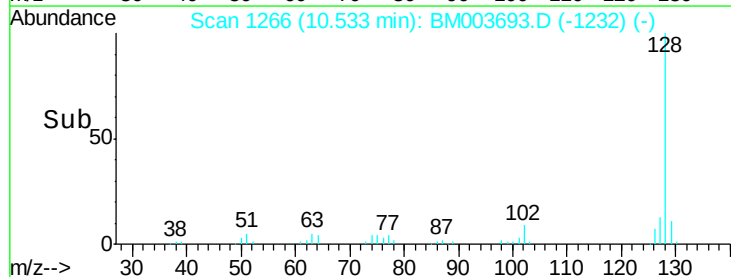
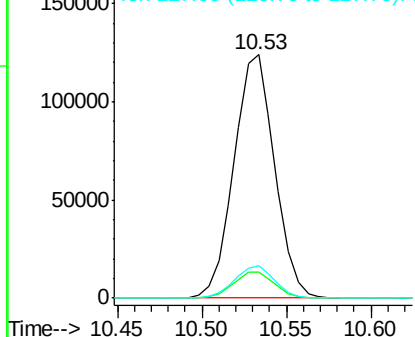


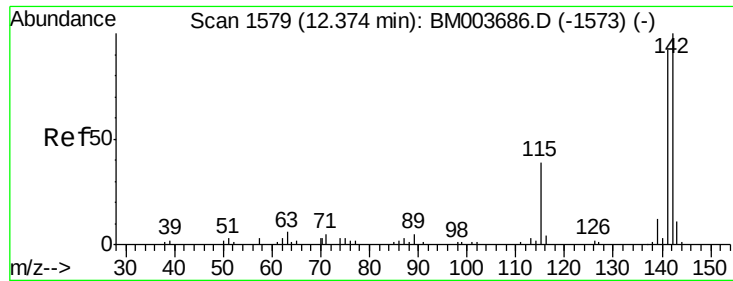
#28
Naphthalene
Concen: 32.98 ng/ul
RT: 10.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BM003693.D
Acq: 22 Dec 2015 01:17

Tgt Ion:128 Resp: 207409
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.4 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

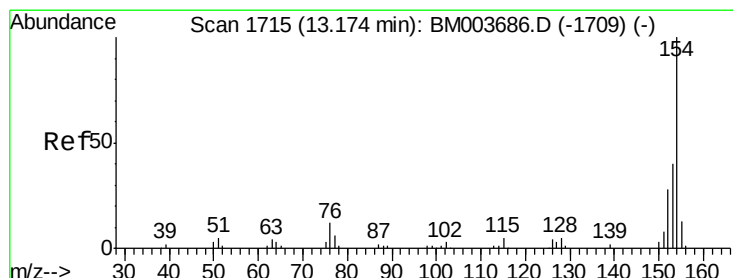
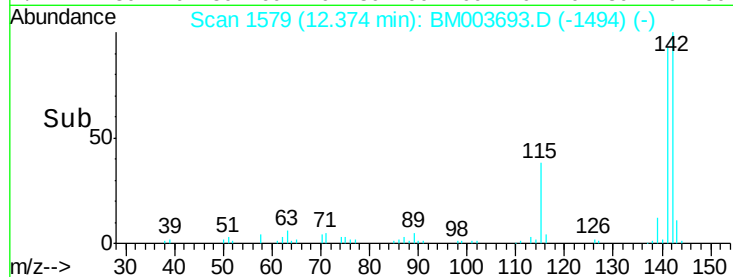
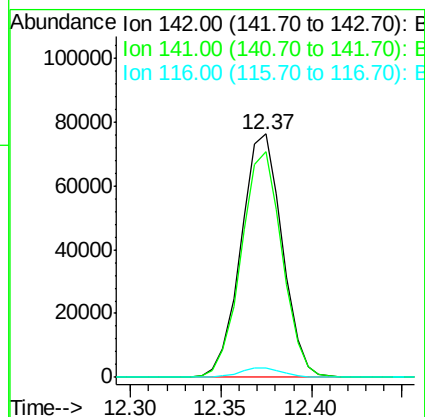
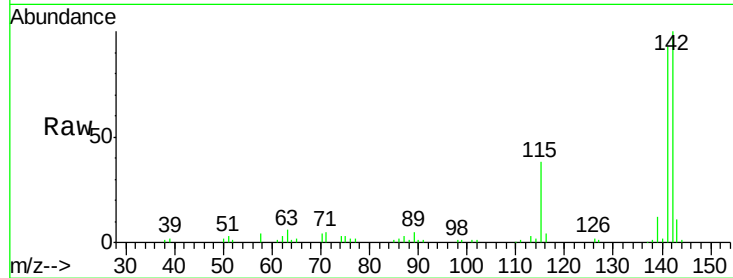




#35
 1-Methylnaphthalene
 Concen: 27.03 ng/ul
 RT: 12.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BM003693.D
 Acq: 22 Dec 2015 01:17

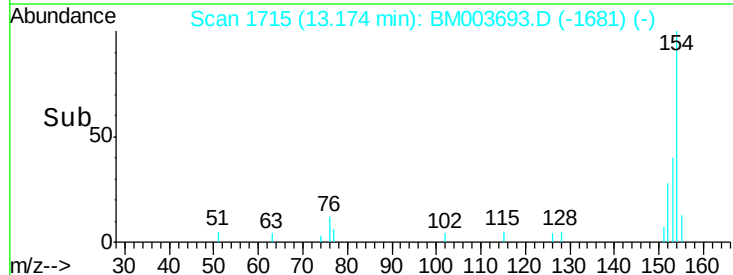
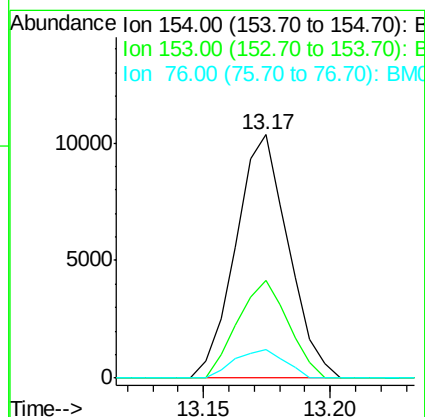
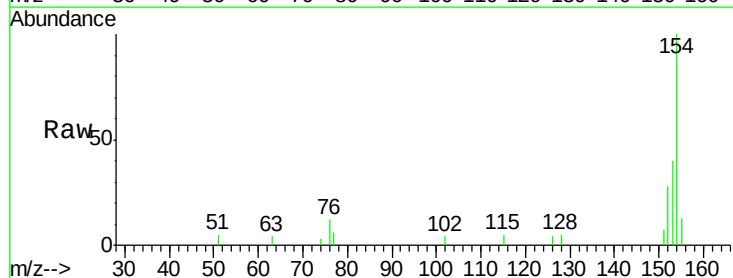
Instrument :
 BNA_M
 ClientSampleId :
 G9DA6DL

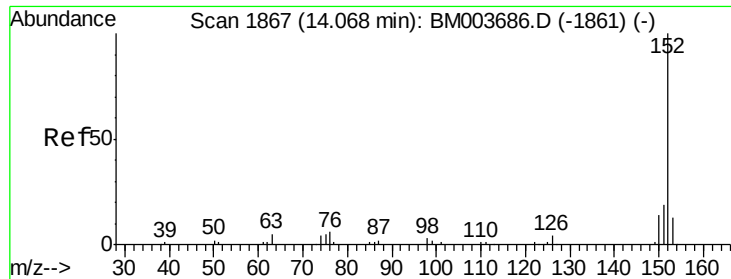
Tgt Ion:142 Resp: 120569
 Ion Ratio Lower Upper
 142 100
 141 92.9 74.9 112.3
 116 3.9 3.1 4.7



#41
 1,1'-Biphenyl
 Concen: 2.76 ng/ul
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BM003693.D
 Acq: 22 Dec 2015 01:17

Tgt Ion:154 Resp: 14958
 Ion Ratio Lower Upper
 154 100
 153 40.0 32.1 48.1
 76 11.7 9.5 14.3





#48

Acenaphthylene

Concen: 2.26 ng/ul

RT: 14.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BM003693.D

Acq: 22 Dec 2015 01:17

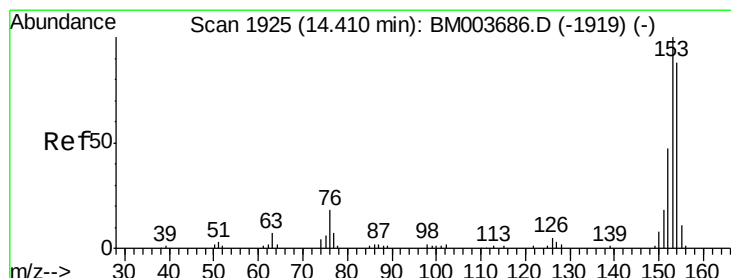
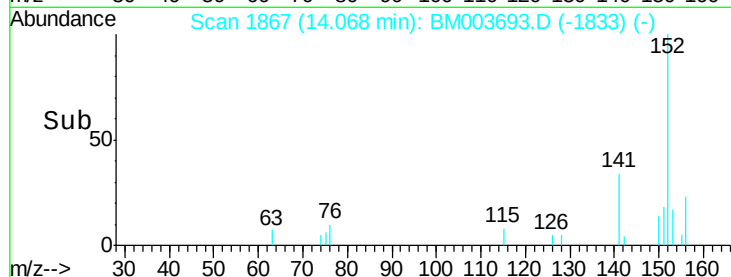
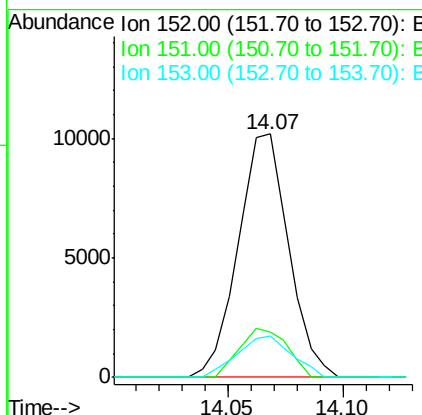
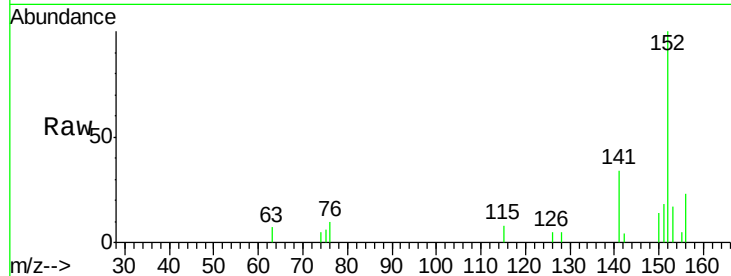
Instrument :

BNA_M

ClientSampleId :

G9DA6DL

Tgt Ion:	152	Resp:	15513
Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.7	23.5
153	17.2	10.5	15.7#



#50

Acenaphthene

Concen: 8.37 ng/ul

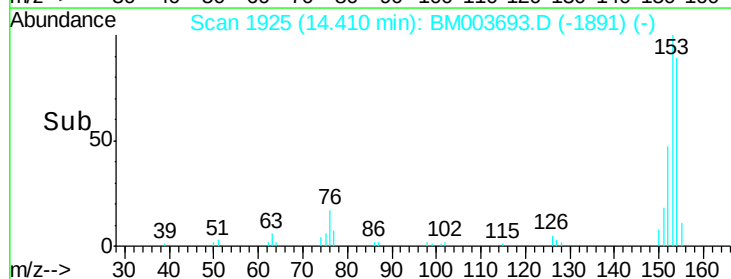
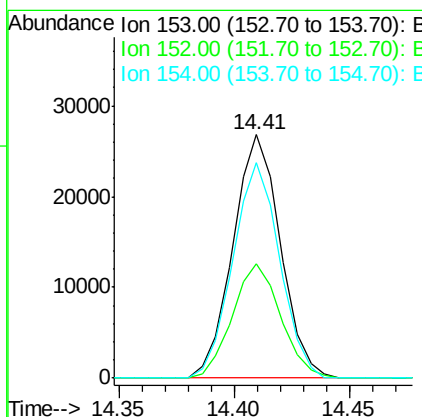
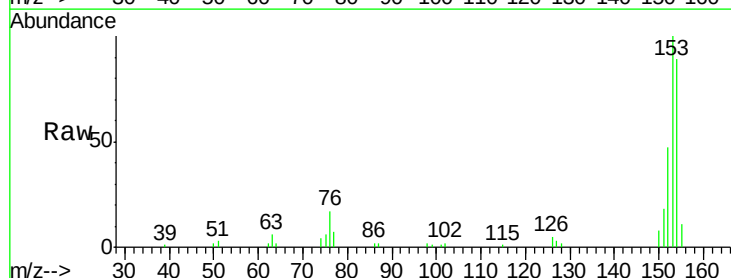
RT: 14.41 min Scan# 1925

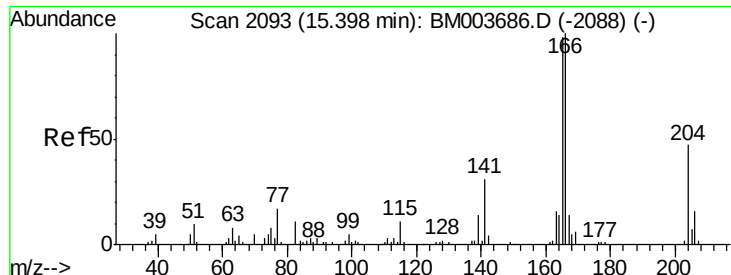
Delta R.T. 0.00 min

Lab File: BM003693.D

Acq: 22 Dec 2015 01:17

Tgt Ion:	153	Resp:	38342
Ion	Ratio	Lower	Upper
153	100		
152	47.2	38.3	57.5
154	88.8	71.8	107.8





#59

Fluorene

Concen: 3.27 ng/ul

RT: 15.40 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BM003693.D

Acq: 22 Dec 2015 01:17

Instrument :

BNA_M

ClientSampled :

G9DA6DL

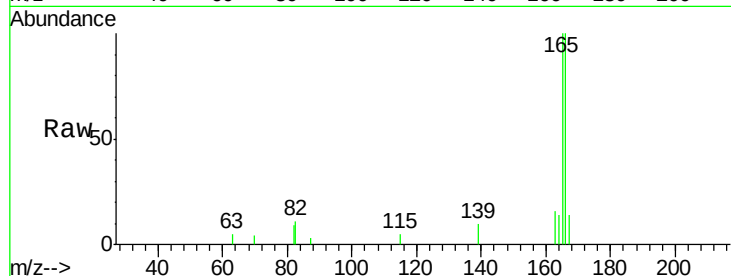
Tgt Ion:166 Resp: 17175

Ion Ratio Lower Upper

166 100

165 99.9 78.5 117.7

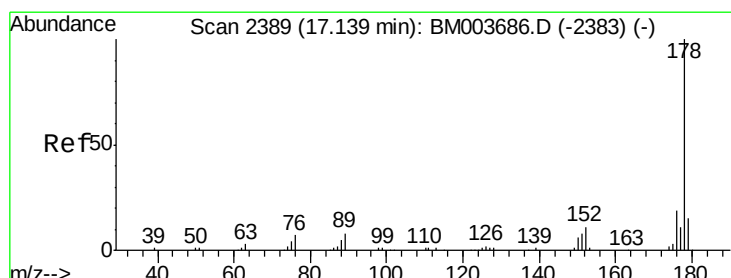
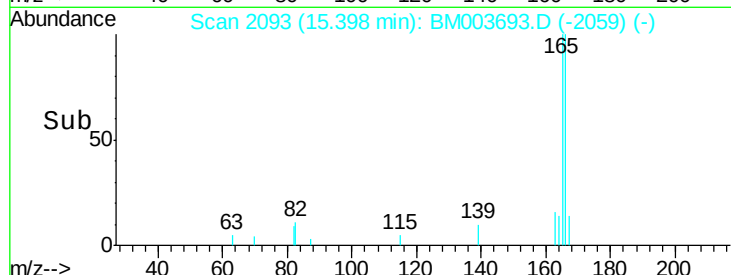
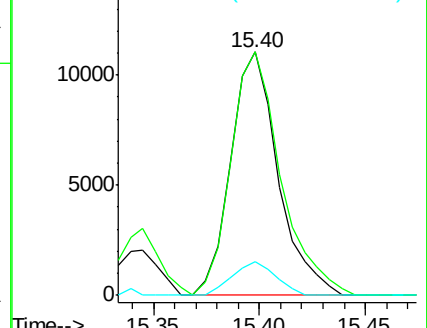
167 13.8 10.7 16.1



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



#70

Phenanthrene

Concen: 3.74 ng/ul

RT: 17.14 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BM003693.D

Acq: 22 Dec 2015 01:17

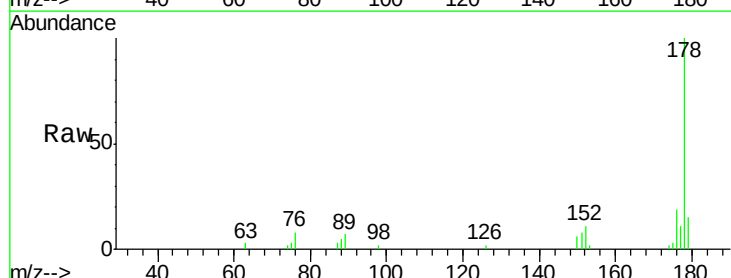
Tgt Ion:178 Resp: 29699

Ion Ratio Lower Upper

178 100

179 15.4 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

