

Data File : BM010636.D
Acq On : 21 Jun 2017 23:04
Operator : SJ/JU
Sample : I3627-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5A89

Quant Time: Jun 22 01:41:05 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 01:38:18 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	65764	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	303835	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	218390	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	545942	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	674146	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	612667	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	4536	3.95	ng/uL	0.00
5) Phenol-d5	6.65	99	126239	20.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	76084	21.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	103539	23.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	112579	21.67	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	54112	24.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	64871	25.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	123806	23.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	127679	23.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	495208	25.83	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	554946	24.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	73293	21.72	ng/ul	0.00
57) Fluorene-d10	15.12	176	411396	24.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	84276	25.13	ng/ul	0.00
70) Anthracene-d10	16.87	188	545942	20.71	ng/ul	-0.10
76) Pyrene-d10	19.28	212	804420	25.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	771189	26.04	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.67	94	10307	1.60	ng/ul	94
44) Dimethylphthalate	13.58	163	241068	12.83	ng/ul	97
49) Acenaphthene	14.18	153	25847	1.80	ng/ul	87
53) Dibenzofuran	14.52	168	47387	2.18	ng/ul	99
58) Fluorene	15.17	166	32229	1.77	ng/ul	89
69) Phenanthrene	16.91	178	301480	10.39	ng/ul	97
71) Anthracene	16.91	178	301480	10.08	ng/ul	97
74) Fluoranthene	18.94	202	186382	4.98	ng/ul#	97
77) Pyrene	19.31	202	106260	2.73	ng/ul#	97

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

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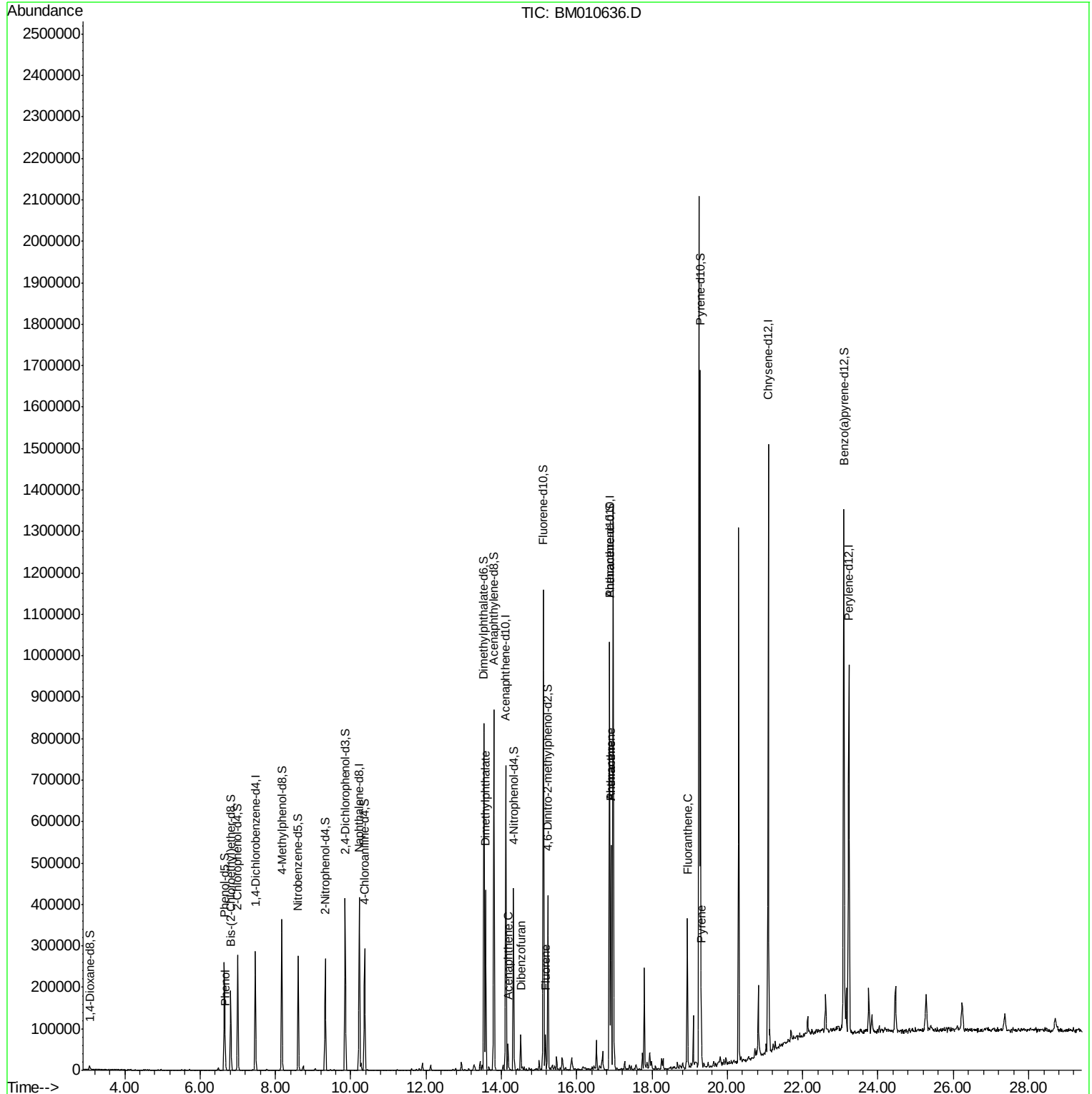
Quant Time: Jun 22 01:41:05 2017

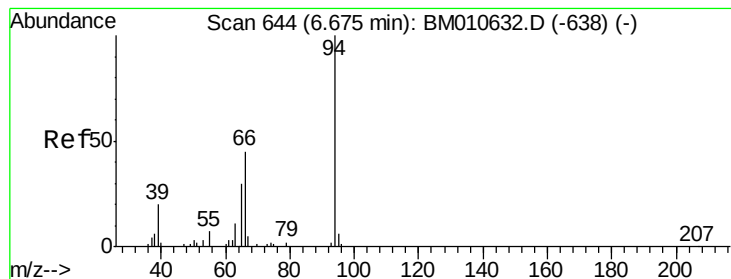
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Jun 22 01:38:18 2017

Response via : Initial Calibration





#6

Phenol

Concen: 1.60 ng/ul

RT: 6.67 min Scan# 644

Delta R.T. -0.00 min

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Acq: 21 Jun 2017 23:04

Instrument :

BNA_M

ClientSampleId :

F5A89

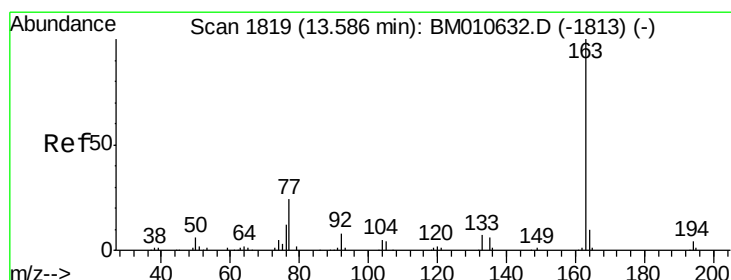
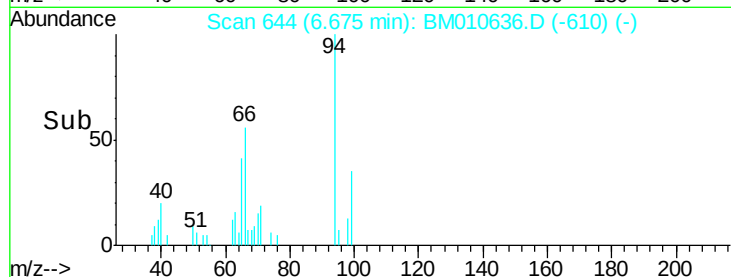
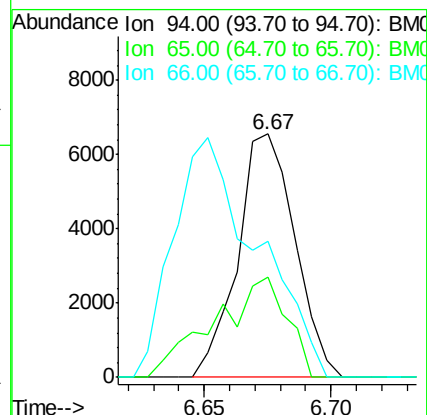
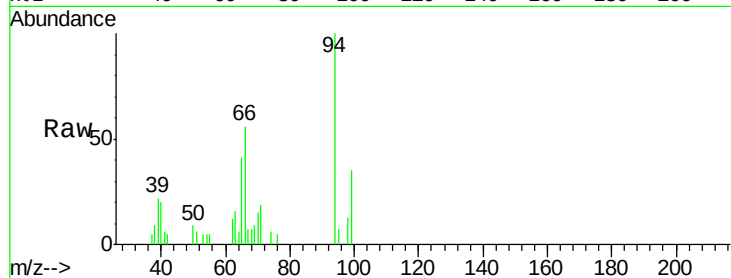
Tgt Ion: 94 Resp: 10307

Ion Ratio Lower Upper

94 100

65 41.1 28.2 42.4

66 55.8 47.2 70.8



#44

Dimethylphthalate

Concen: 12.83 ng/ul

RT: 13.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BM010636.D

Acq: 21 Jun 2017 23:04

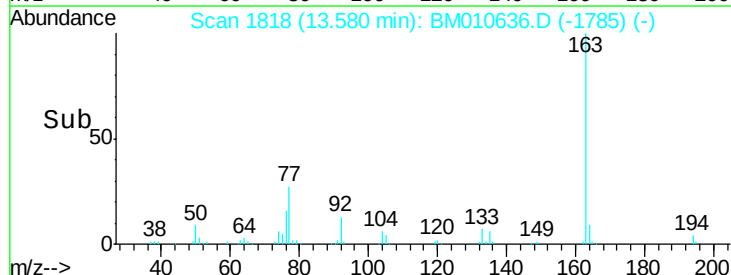
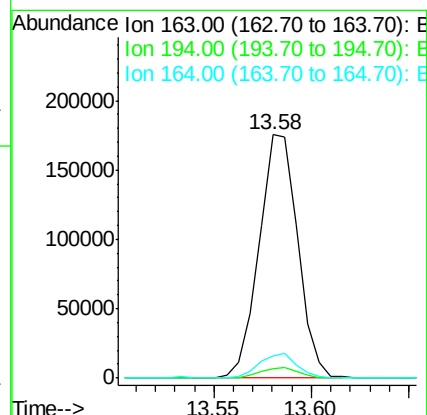
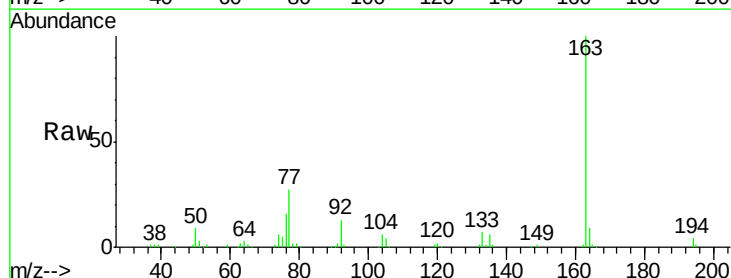
Tgt Ion:163 Resp: 241068

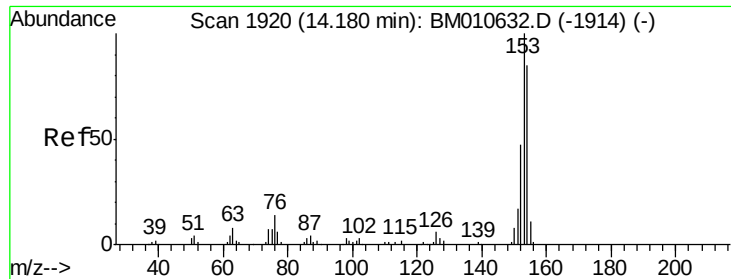
Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

164 9.1 8.2 12.4





#49

Acenaphthene

Concen: 1.80 ng/ul

RT: 14.18 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BM010636.D

Acq: 21 Jun 2017 23:04

Instrument :

BNA_M

ClientSampleId :

F5A89

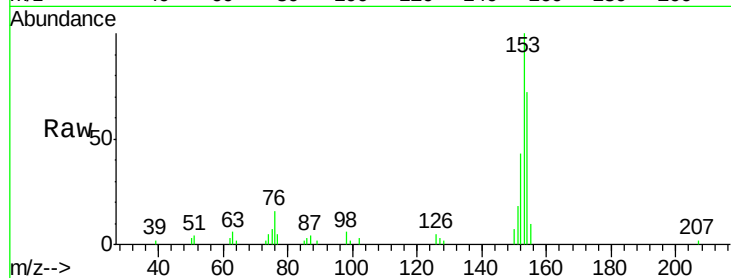
Tgt Ion:153 Resp: 25847

Ion Ratio Lower Upper

153 100

152 43.2 37.6 56.4

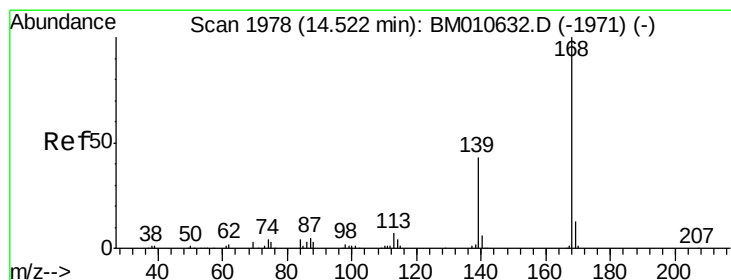
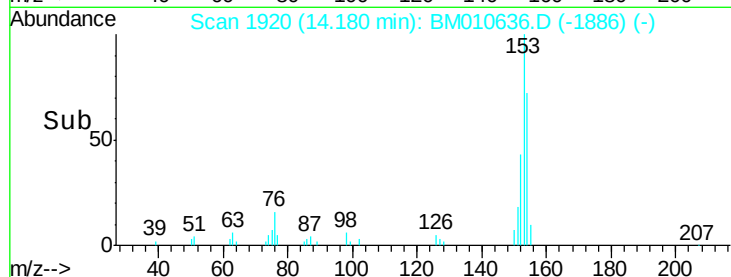
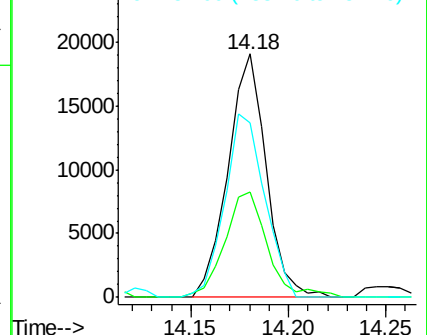
154 71.7 70.4 105.6



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: 2.18 ng/ul

RT: 14.52 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BM010636.D

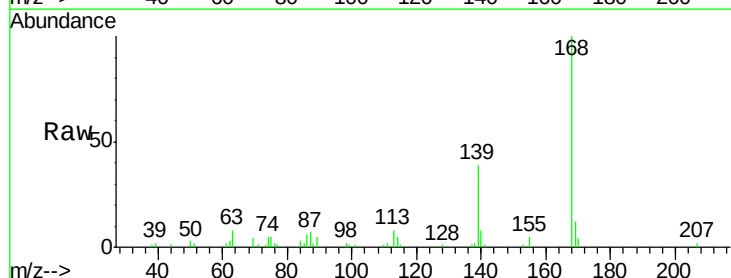
Acq: 21 Jun 2017 23:04

Tgt Ion:168 Resp: 47387

Ion Ratio Lower Upper

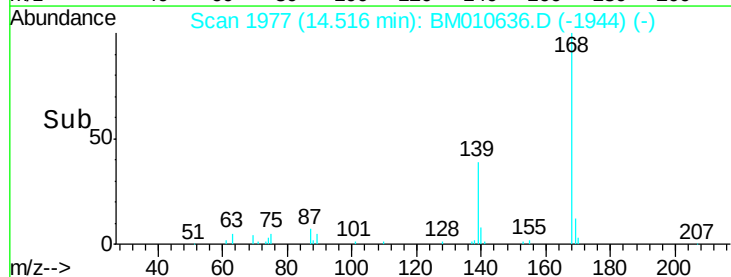
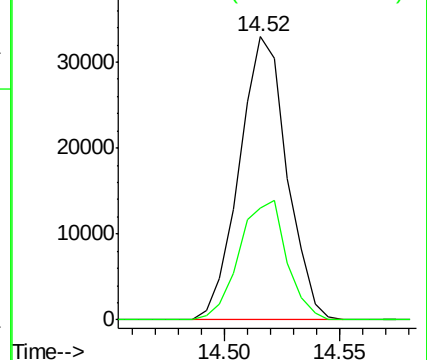
168 100

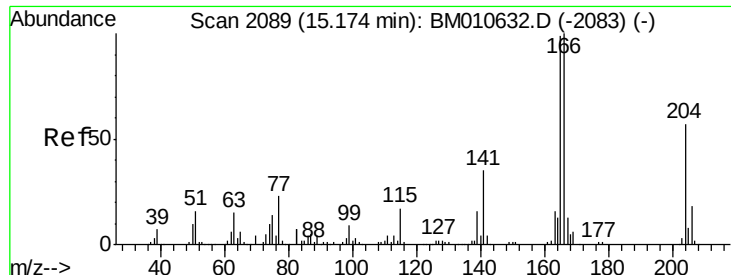
139 39.3 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 1.77 ng/ul

RT: 15.17 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BM010636.D

Acq: 21 Jun 2017 23:04

Instrument :

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ClientSampleId :

F5A89

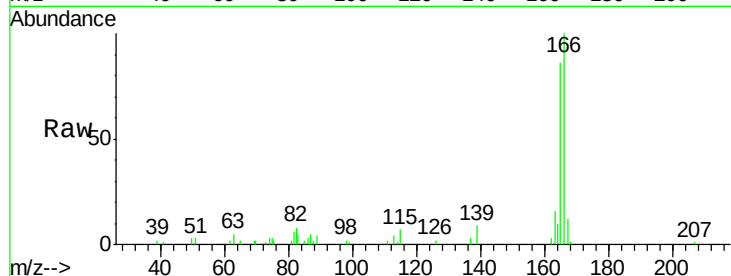
Tgt Ion:166 Resp: 32229

Ion Ratio Lower Upper

166 100

165 85.7 77.9 116.9

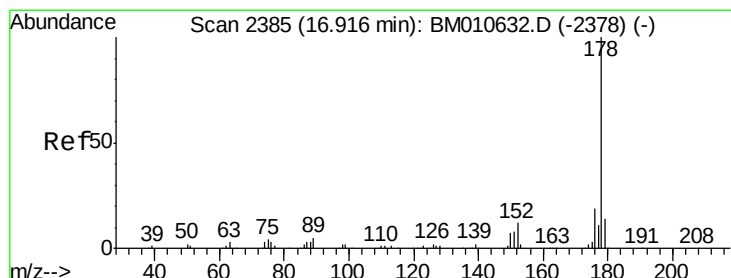
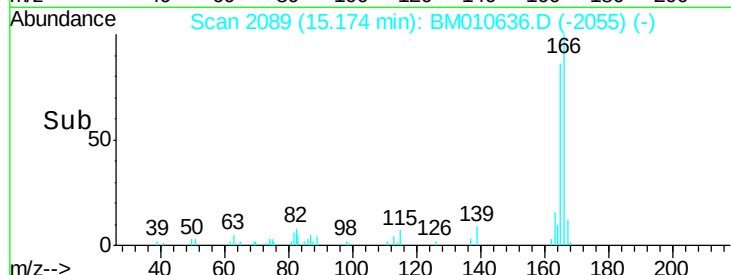
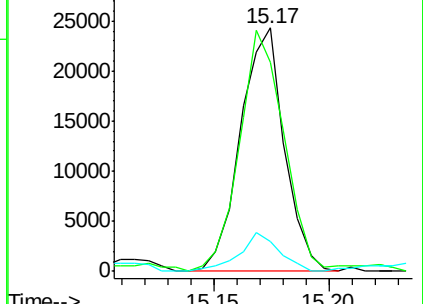
167 12.5 10.6 16.0



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: 10.39 ng/ul

RT: 16.91 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM010636.D

Acq: 21 Jun 2017 23:04

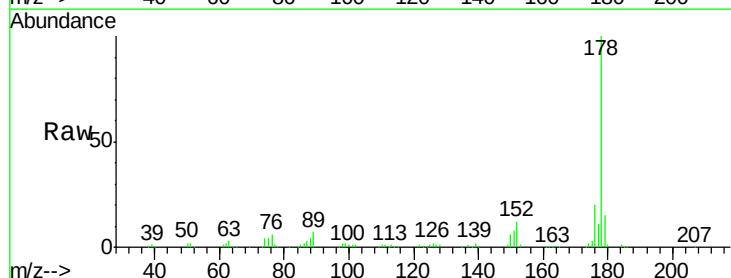
Tgt Ion:178 Resp: 301480

Ion Ratio Lower Upper

178 100

179 14.9 12.6 19.0

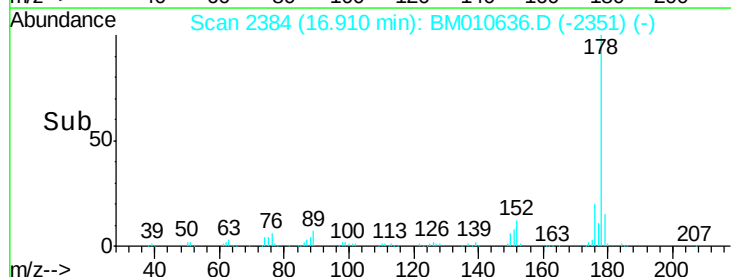
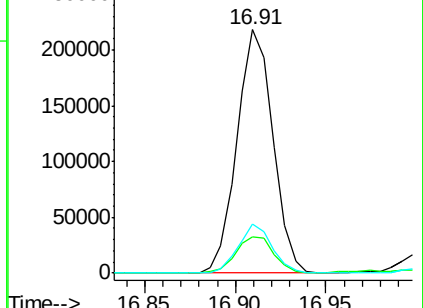
176 20.0 14.9 22.3

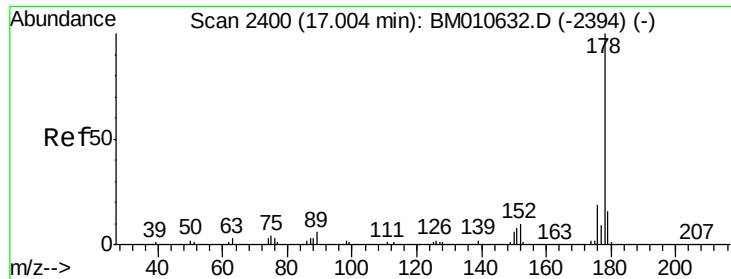


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

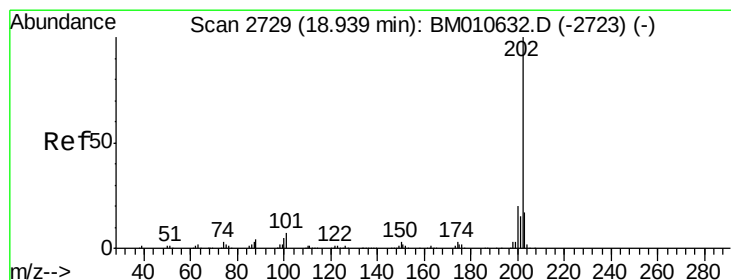
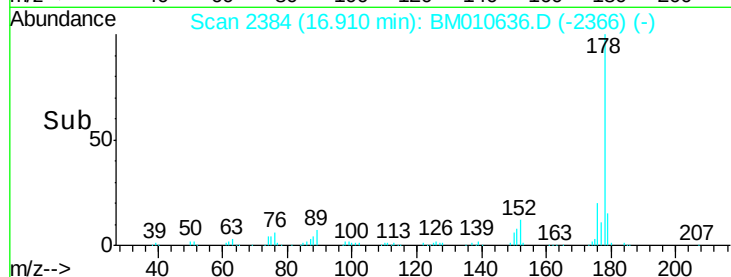
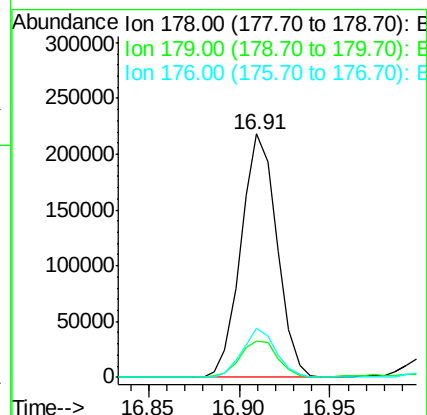
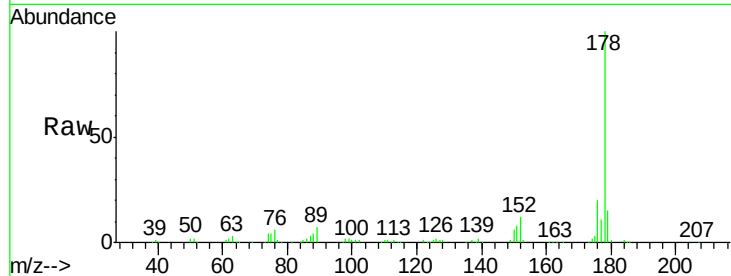




#71
 Anthracene
 Concen: 10.08 ng/ul
 RT: 16.91 min Scan# 2384
 Delta R.T. -0.09 min
 Lab File: BM010636.D
 Acq: 21 Jun 2017 23:04

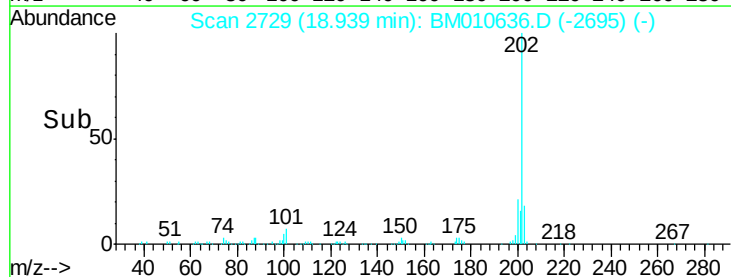
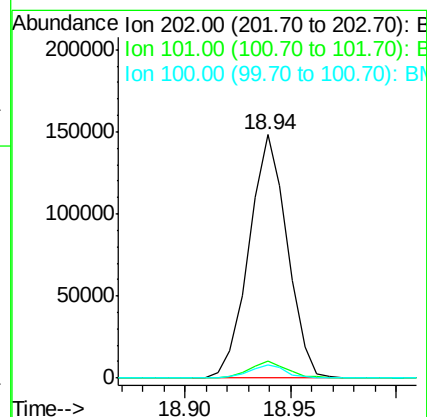
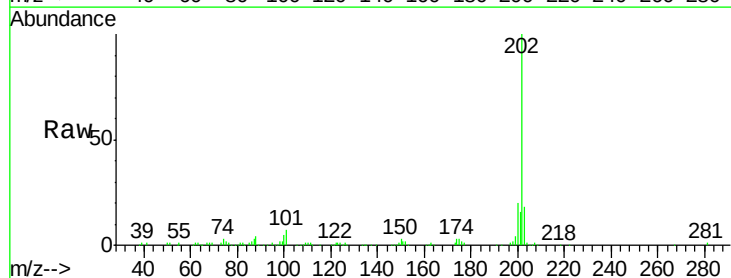
Instrument :
 BNA_M
 ClientSampleId :
 F5A89

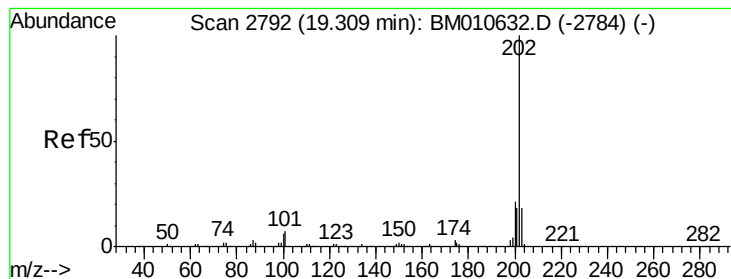
Tgt Ion:178 Resp: 301480
 Ion Ratio Lower Upper
 178 100
 179 14.9 11.7 17.5
 176 20.0 14.6 21.8



#74
 Fluoranthene
 Concen: 4.98 ng/ul
 RT: 18.94 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: BM010636.D
 Acq: 21 Jun 2017 23:04

Tgt Ion:202 Resp: 186382
 Ion Ratio Lower Upper
 202 100
 101 6.9 4.6 7.0
 100 5.4 3.4 5.2#





#77

Pyrene

Concen: 2.73 ng/ul

RT: 19.31 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BM010636.D

Acq: 21 Jun 2017 23:04

Instrument :

BNA_M

ClientSampleId :

F5A89

Tgt Ion:202 Resp: 106260

Ion Ratio Lower Upper

202 100

101 7.9 5.1 7.7#

100 5.7 4.9 7.3

