

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
 Data File : BM010689.D
 Acq On : 23 Jun 2017 13:28
 Operator : SJ/JU
 Sample : I3625-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5D09

Quant Time: Jun 24 03:37:37 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 24 03:35:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	87378	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	393832	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	264519	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	617643	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	569048	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	417613	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	5466	3.58	ng/uL	0.00
5) Phenol-d5	6.65	99	209067	25.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	109388	23.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	154781	26.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	195220	28.29	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	87485	31.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	111345	34.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	221212	32.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	244580	34.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	837359	36.06	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	934336	34.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	124560	30.48	ng/ul	0.00
57) Fluorene-d10	15.12	176	694084	34.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	141486	37.30	ng/ul	0.00
70) Anthracene-d10	16.87	188	617643	20.71	ng/ul	-0.09
76) Pyrene-d10	19.28	212	1187580	44.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.10	264	717203	35.53	ng/ul	0.01

Target Compounds

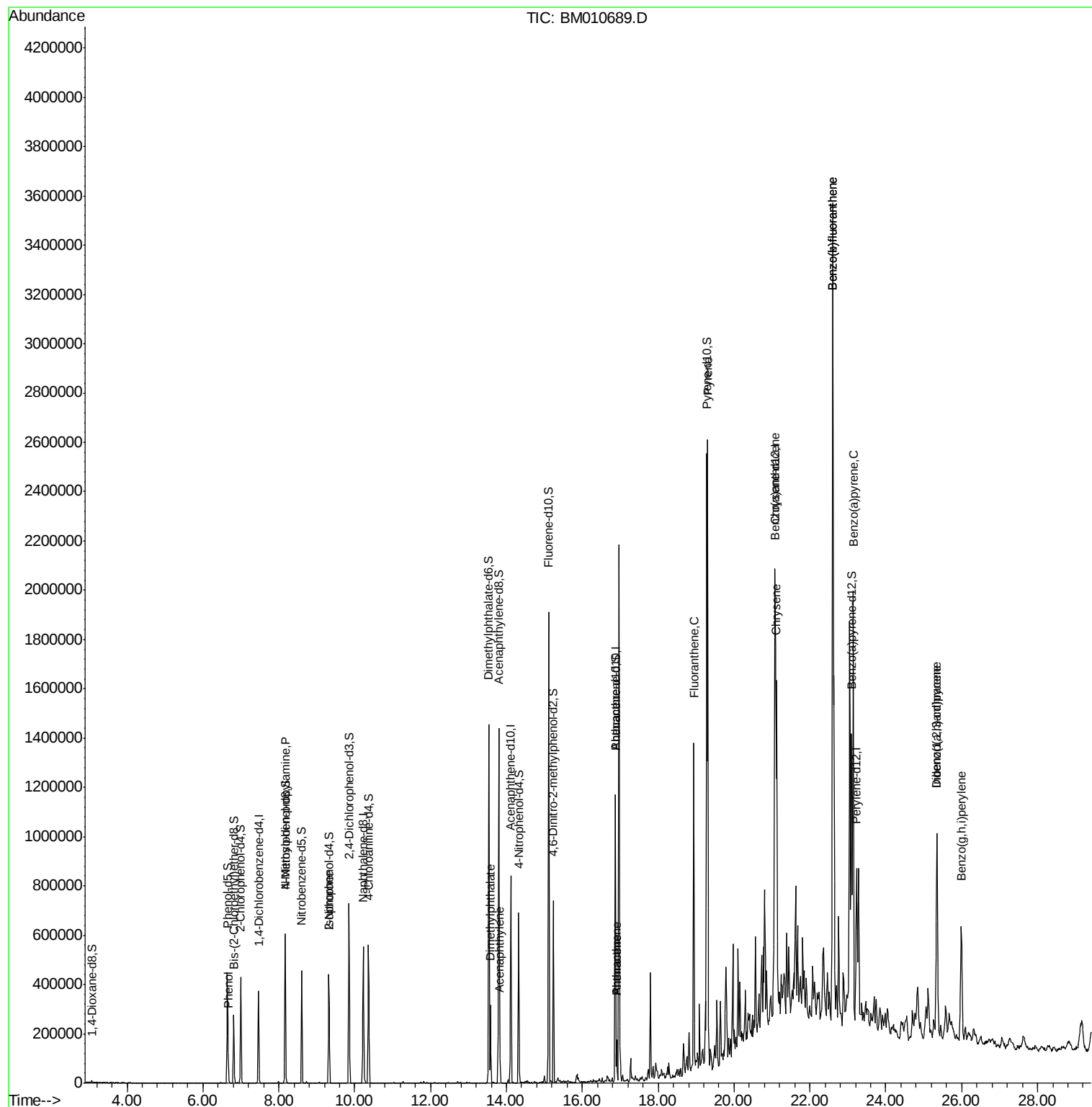
					Qvalue	
6) Phenol	6.67	94	16645	1.941	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.17	70	6857	1.129	ng/ul#	1
21) Isophorone	9.32	82	17765	1.090	ng/ul#	72
44) Dimethylphthalate	13.58	163	165474	7.270	ng/ul	97
47) Acenaphthylene	13.83	152	69050	2.684	ng/ul	98
69) Phenanthrene	16.91	178	91320	2.781	ng/ul	98
71) Anthracene	16.91	178	91320	2.699	ng/ul	96
74) Fluoranthene	18.94	202	725256	17.138	ng/ul#	97
77) Pyrene	19.31	202	1434363	43.640	ng/ul	98
80) Benzo(a)anthracene	21.07	228	658886	19.883	ng/ul	94
82) Chrysene	21.10	228	460298	15.579	ng/ul	99
85) Benzo(b)fluoranthene	22.60	252	2469491	91.096	ng/ul	99
86) Benzo(k)fluoranthene	22.60	252	2469491	96.091	ng/ul	97
88) Benzo(a)pyrene	23.14	252	1124132	45.043	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.34	276	765663	29.580	ng/ul	99
90) Dibenzo(a,h)anthracene	25.35	278	208000	9.643	ng/ul#	92
91) Benzo(g,h,i)perylene	25.99	276	561786	27.265	ng/ul	98

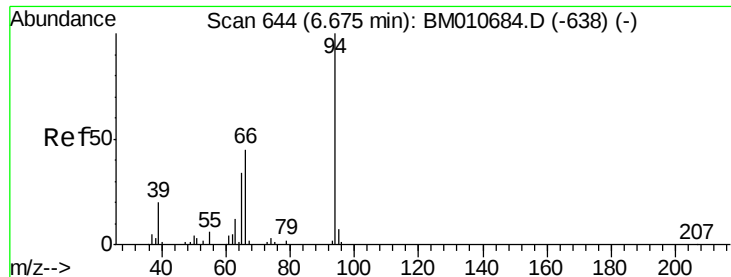
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.941 ng/ul

RT: 6.67 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM010689.D

Acq: 23 Jun 2017 13:28

Instrument :

BNA_M

ClientSampled :

F5D09

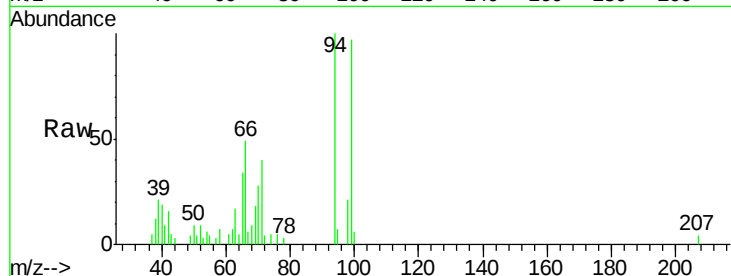
Tgt Ion: 94 Resp: 16645

Ion Ratio Lower Upper

94 100

65 34.0 28.2 42.4

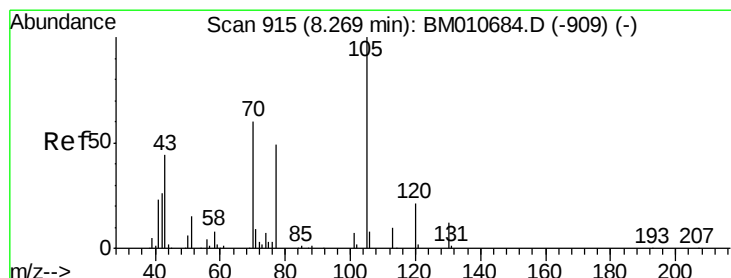
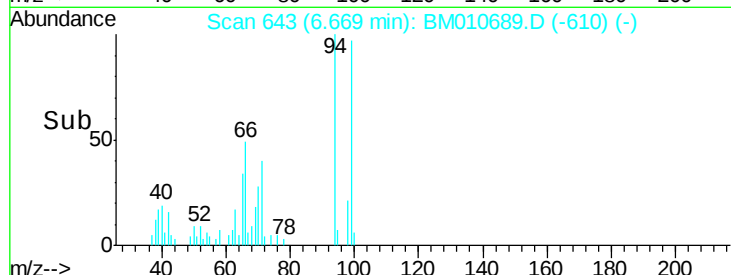
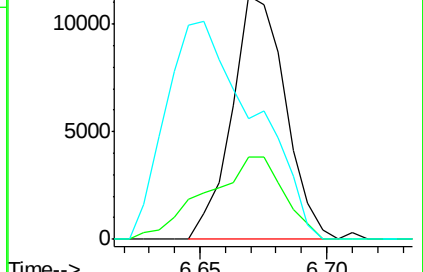
66 49.3 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM010689.D (-610) (-)

Ion 65.00 (64.70 to 65.70): BM010689.D (-610) (-)

Ion 66.00 (65.70 to 66.70): BM010689.D (-610) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.129 ng/ul

RT: 8.17 min Scan# 898

Delta R.T. -0.10 min

Lab File: BM010689.D

Acq: 23 Jun 2017 13:28

Tgt Ion: 70 Resp: 6857

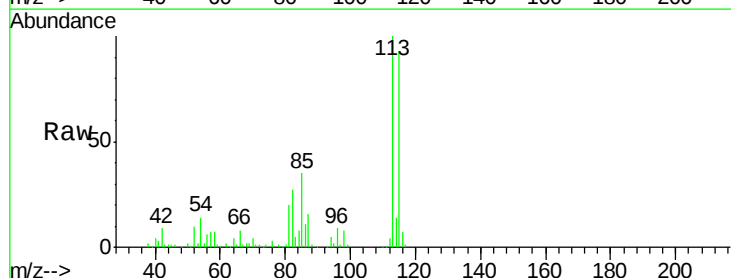
Ion Ratio Lower Upper

70 100

42 257.5 41.1 61.7#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#

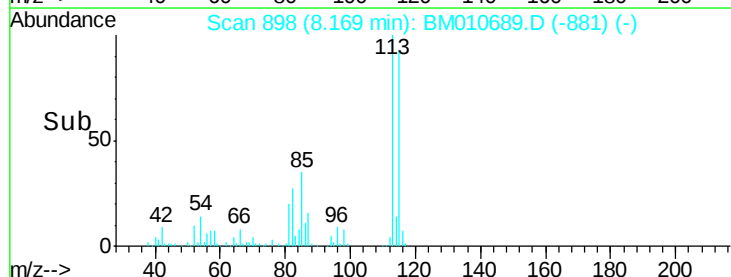
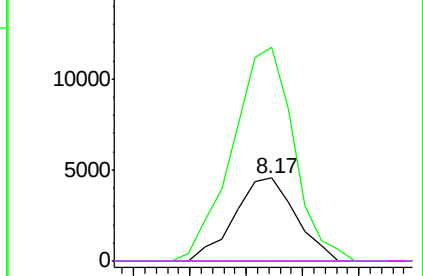


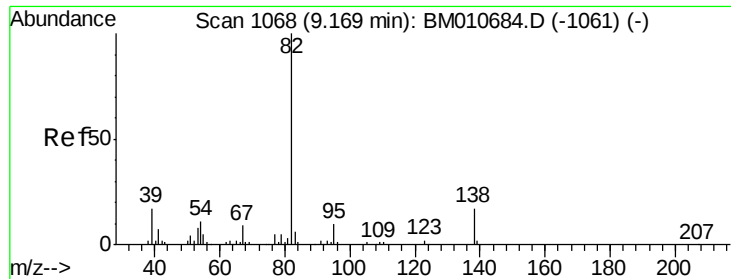
Abundance Ion 70.00 (69.70 to 70.70): BM010689.D (-881) (-)

Ion 42.00 (41.70 to 42.70): BM010689.D (-881) (-)

Ion 101.00 (100.70 to 101.70): BM010689.D (-881) (-)

Ion 130.00 (129.70 to 130.70): BM010689.D (-881) (-)

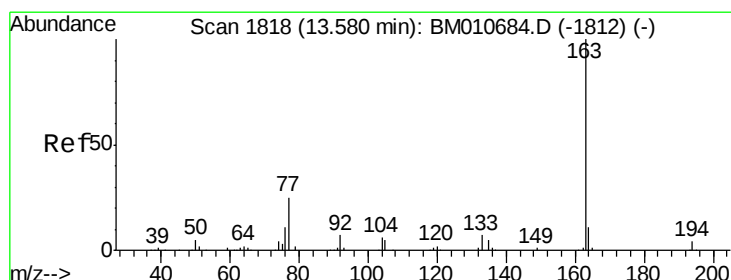
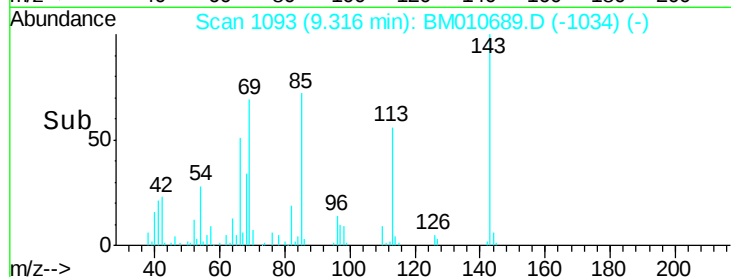
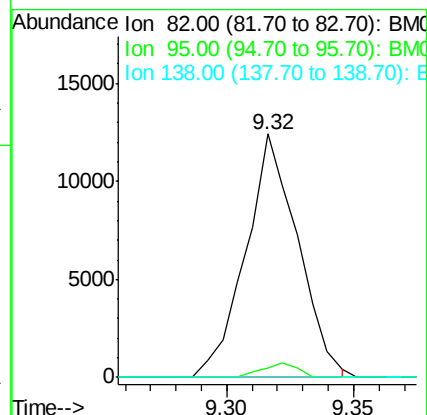
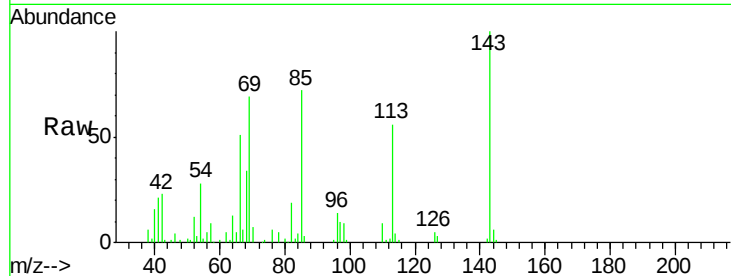




#21
Isophorone
Concen: 1.090 ng/ul
RT: 9.32 min Scan# 1093
Delta R.T. 0.15 min
Lab File: BM010689.D
Acq: 23 Jun 2017 13:28

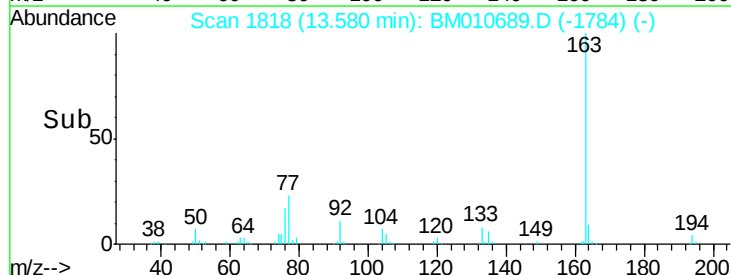
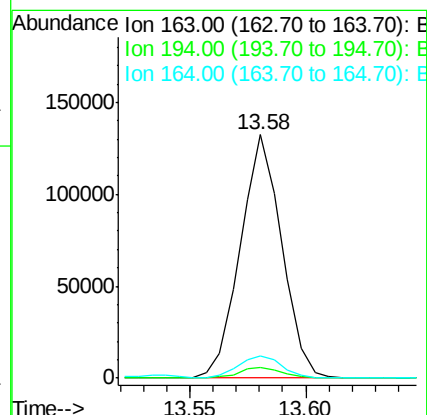
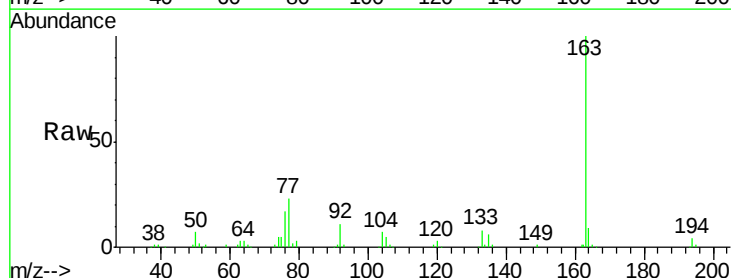
Instrument :
BNA_M
ClientSampleId :
F5D09

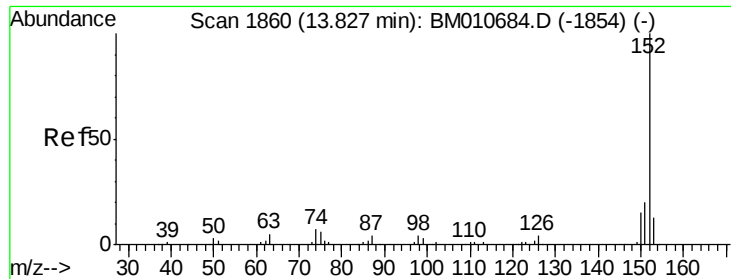
Tgt Ion: 82 Resp: 17765
Ion Ratio Lower Upper
82 100
95 3.8 7.8 11.8#
138 0.0 11.9 17.9#



#44
Dimethylphthalate
Concen: 7.270 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM010689.D
Acq: 23 Jun 2017 13:28

Tgt Ion:163 Resp: 165474
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 9.1 8.2 12.4





#47

Acenaphthylene

Concen: 2.684 ng/ul

RT: 13.83 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BM010689.D

Acq: 23 Jun 2017 13:28

Instrument :

BNA_M

ClientSampleId :

F5D09

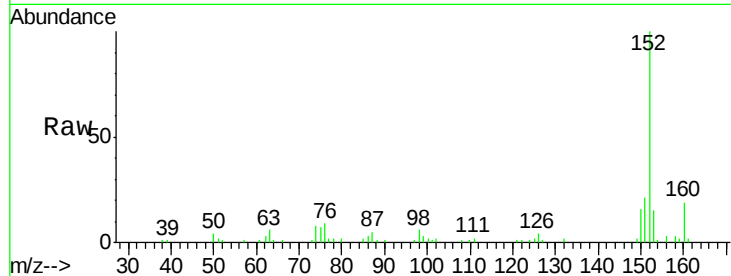
Tgt Ion:152 Resp: 69050

Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

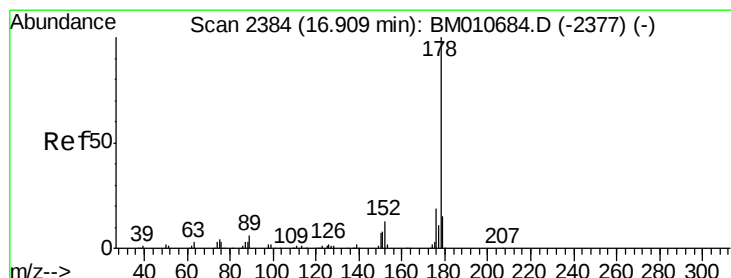
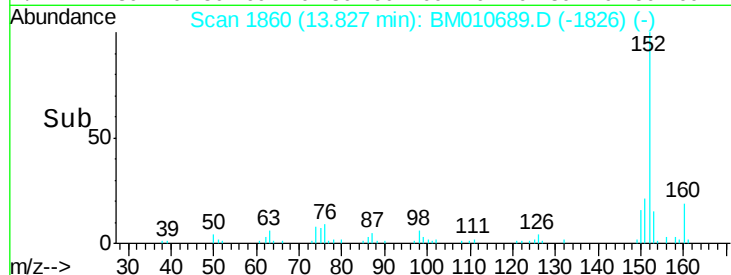
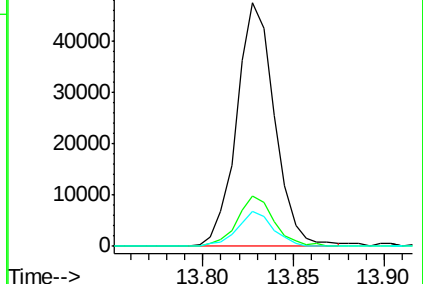
153 14.6 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#69

Phenanthrene

Concen: 2.781 ng/ul

RT: 16.91 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BM010689.D

Acq: 23 Jun 2017 13:28

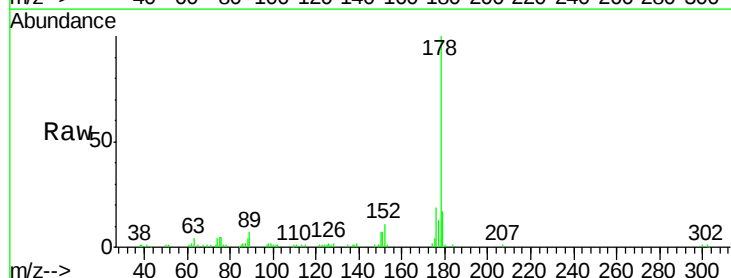
Tgt Ion:178 Resp: 91320

Ion Ratio Lower Upper

178 100

179 17.0 12.6 19.0

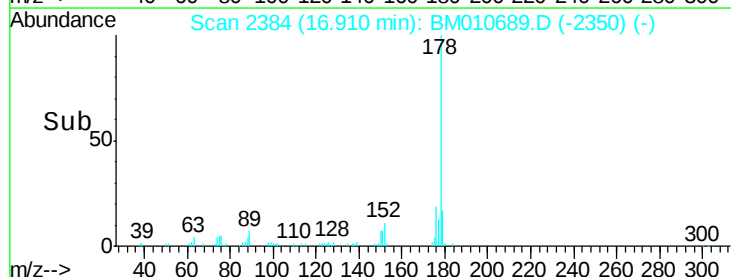
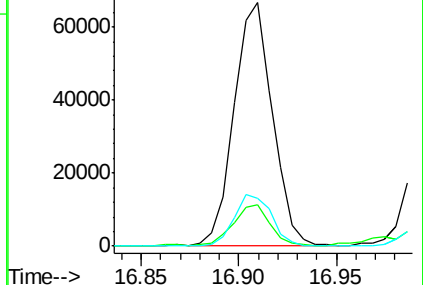
176 19.4 14.9 22.3

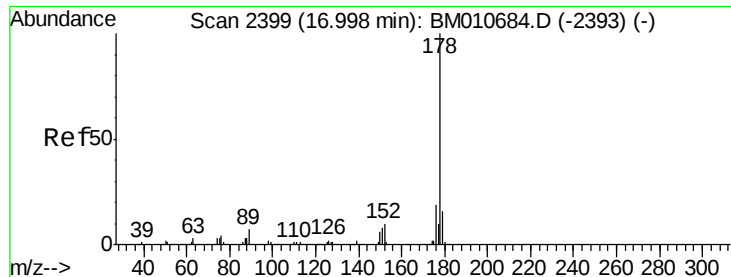


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

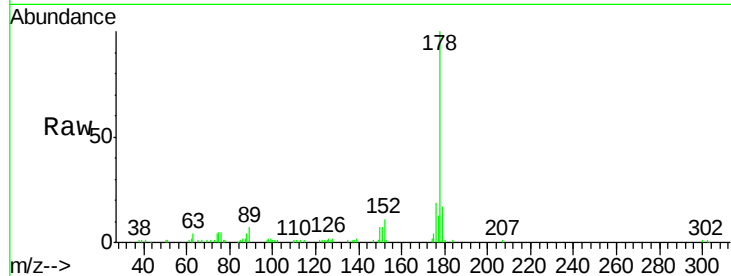




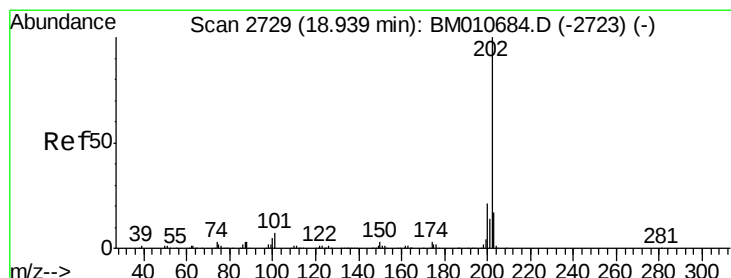
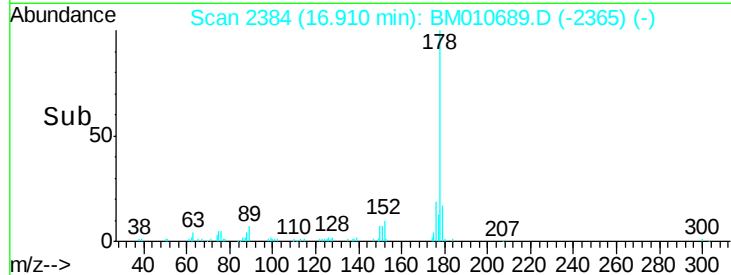
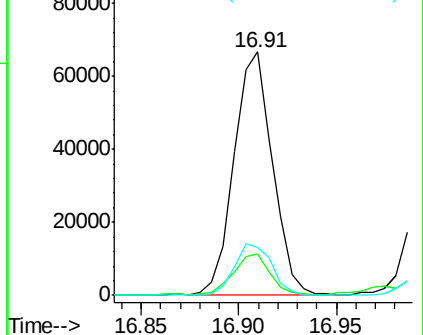
#71
 Anthracene
 Concen: 2.699 ng/ul
 RT: 16.91 min Scan# 2384
 Delta R.T. -0.09 min
 Lab File: BM010689.D
 Acq: 23 Jun 2017 13:28

Instrument :
 BNA_M
 ClientSampleId :
 F5D09

Tgt Ion:178 Resp: 91320
 Ion Ratio Lower Upper
 178 100
 179 17.0 11.7 17.5
 176 19.4 14.6 21.8

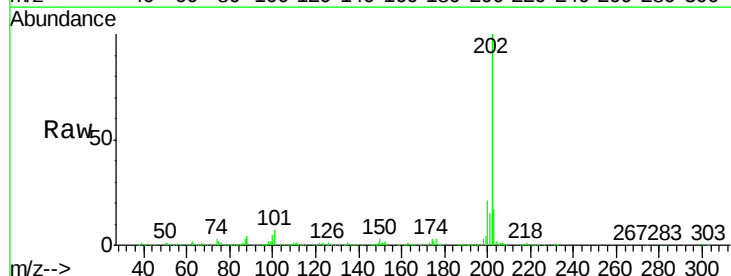


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

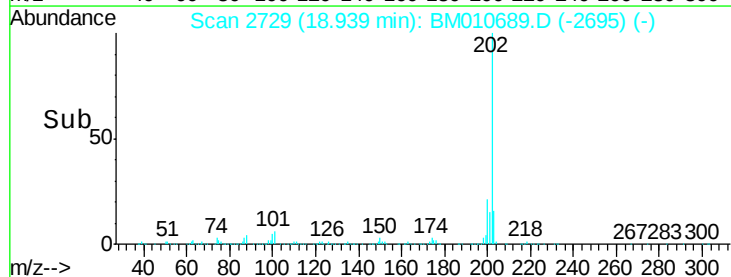
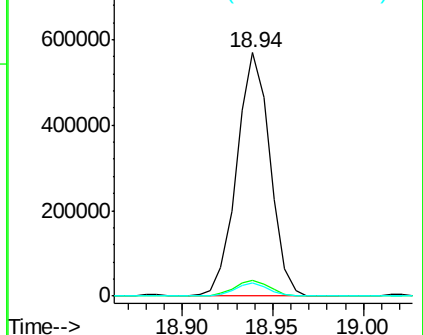


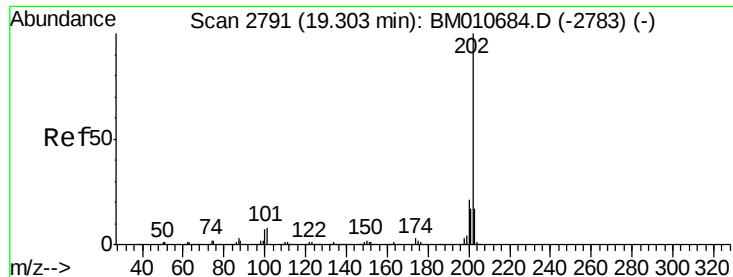
#74
 Fluoranthene
 Concen: 17.138 ng/ul
 RT: 18.94 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: BM010689.D
 Acq: 23 Jun 2017 13:28

Tgt Ion:202 Resp: 725256
 Ion Ratio Lower Upper
 202 100
 101 6.6 4.6 7.0
 100 5.3 3.4 5.2#



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

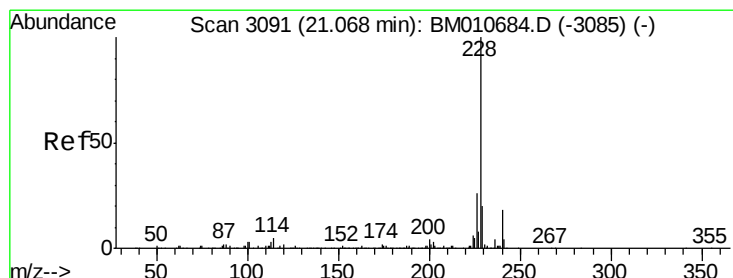
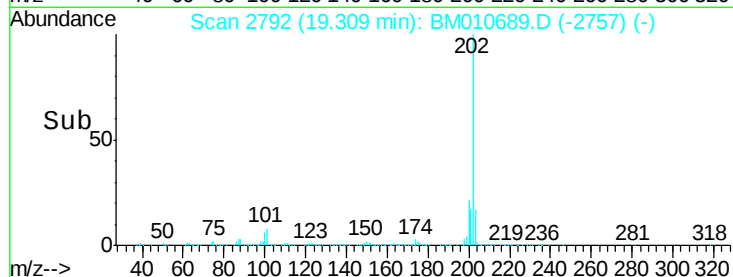
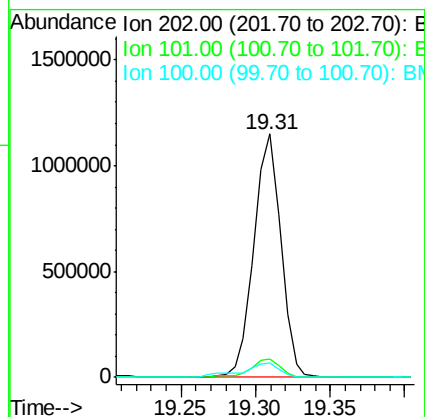
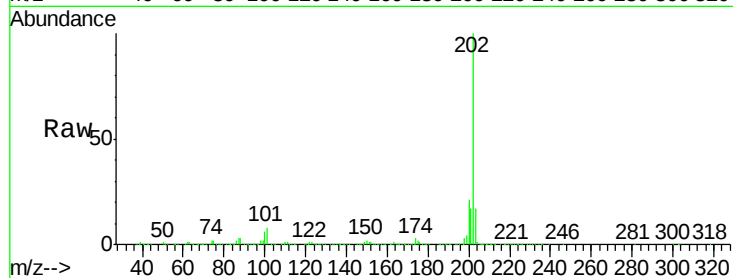




#77
 Pyrene
 Concen: 43.640 ng/ul
 RT: 19.31 min Scan# 2792
 Delta R.T. 0.01 min
 Lab File: BM010689.D
 Acq: 23 Jun 2017 13:28

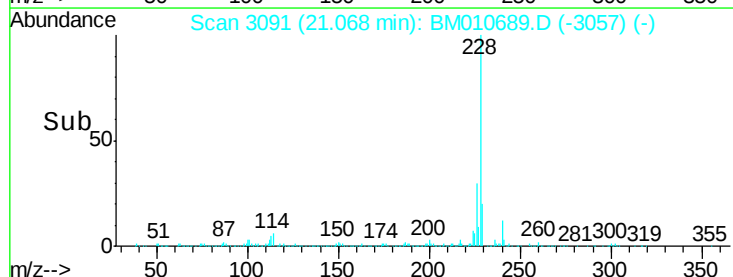
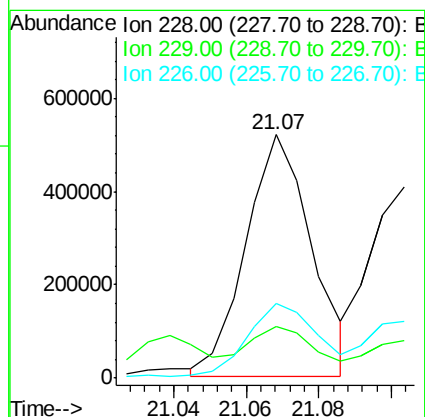
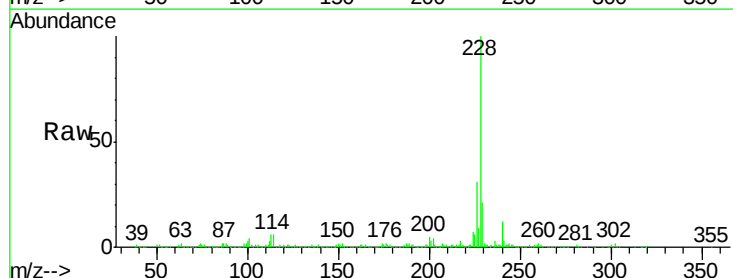
Instrument :
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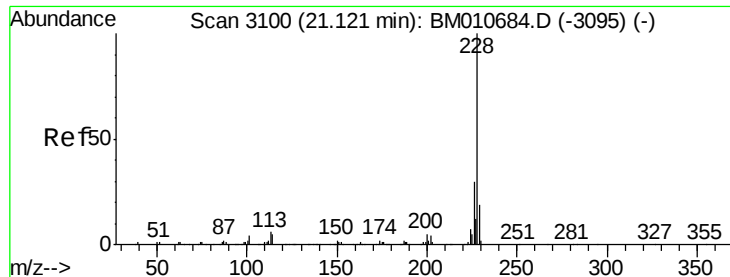
Tgt Ion:202 Resp: 1434363
 Ion Ratio Lower Upper
 202 100
 101 7.6 5.1 7.7
 100 5.8 4.9 7.3



#80
 Benzo(a)anthracene
 Concen: 19.883 ng/ul
 RT: 21.07 min Scan# 3091
 Delta R.T. 0.00 min
 Lab File: BM010689.D
 Acq: 23 Jun 2017 13:28

Tgt Ion:228 Resp: 658886
 Ion Ratio Lower Upper
 228 100
 229 21.2 15.4 23.0
 226 30.7 21.4 32.0





#82

Chrysene

Concen: 15.579 ng/ul

RT: 21.10 min Scan# 3097

Delta R.T. -0.02 min

Lab File: BM010689.D

Acq: 23 Jun 2017 13:28

Instrument :

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ClientSampleId :

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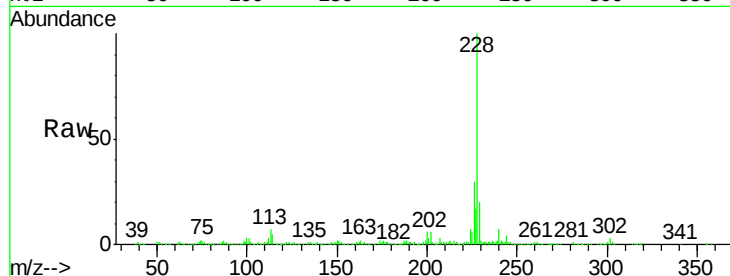
Tgt Ion:228 Resp: 460298

Ion Ratio Lower Upper

228 100

226 29.9 23.4 35.2

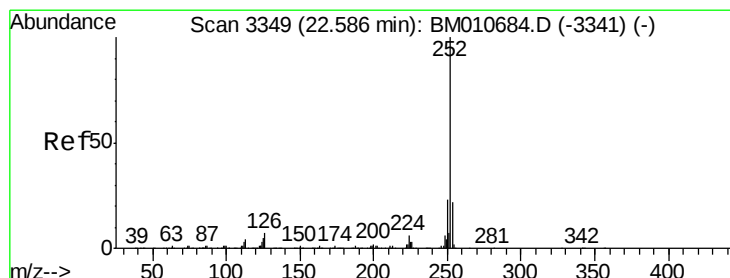
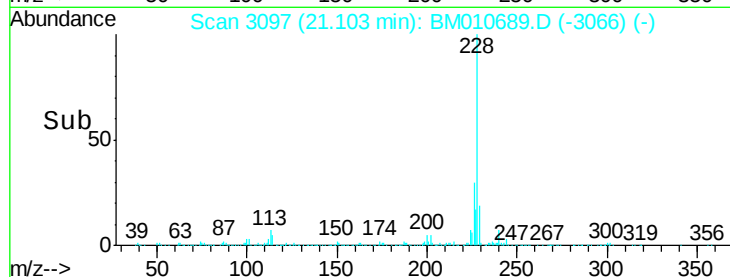
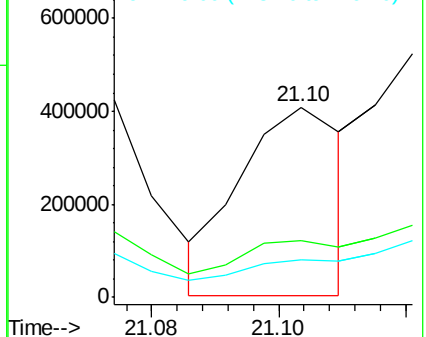
229 19.5 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 91.096 ng/ul

RT: 22.60 min Scan# 3352

Delta R.T. 0.02 min

Lab File: BM010689.D

Acq: 23 Jun 2017 13:28

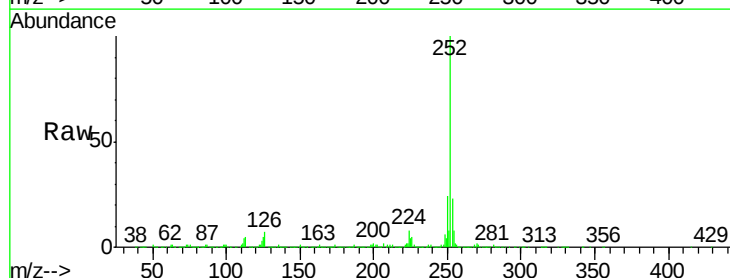
Tgt Ion:252 Resp: 2469491

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

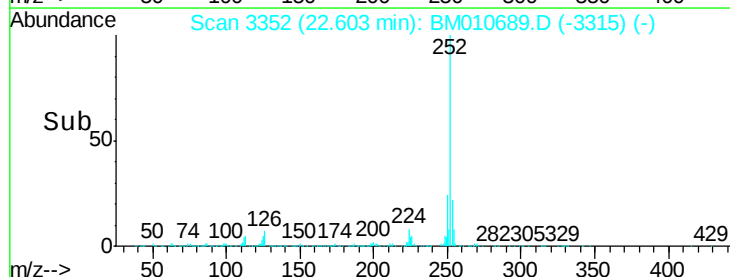
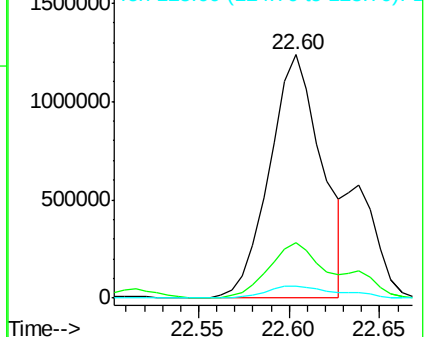
125 5.2 3.6 5.4

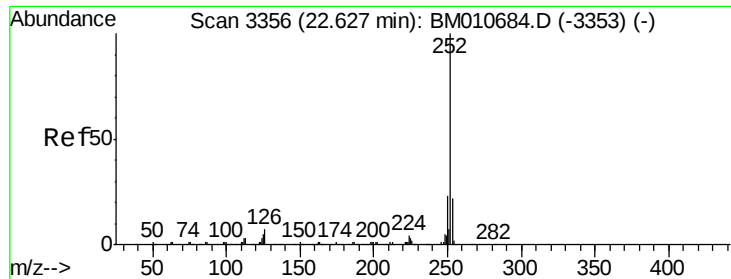


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 96.091 ng/u1

RT: 22.60 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BM010689.D

Acq: 23 Jun 2017 13:28

Instrument :

BNA_M

ClientSampleId :

F5D09

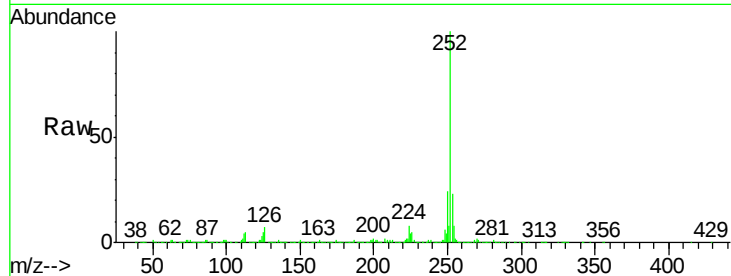
Tgt Ion:252 Resp: 2469491

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

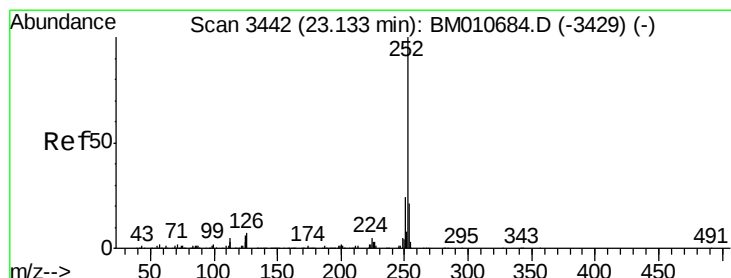
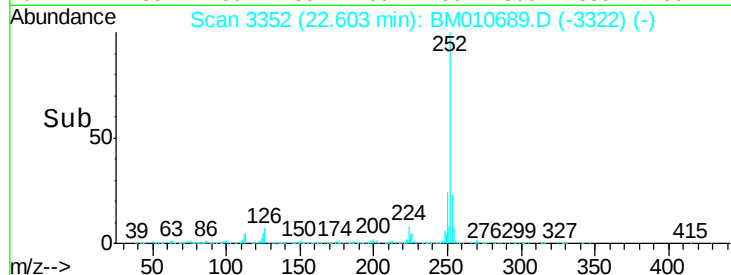
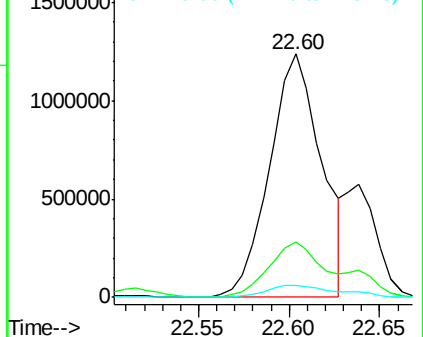
125 5.2 3.4 5.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(a)pyrene

Concen: 45.043 ng/u1

RT: 23.14 min Scan# 3444

Delta R.T. 0.01 min

Lab File: BM010689.D

Acq: 23 Jun 2017 13:28

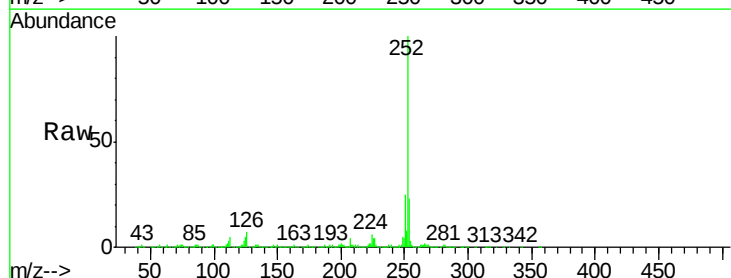
Tgt Ion:252 Resp: 1124132

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.2

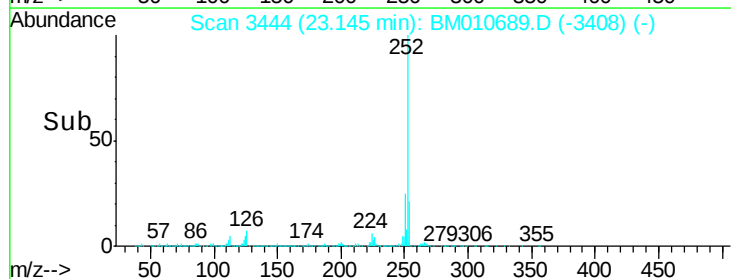
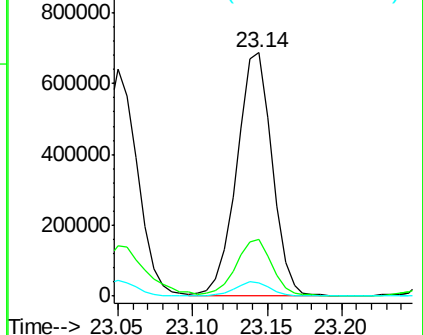
125 5.5 4.0 6.0

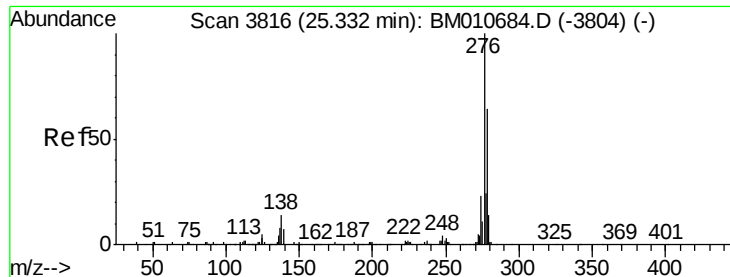


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Indeno(1,2,3-cd)pyrene

Concen: 29.580 ng/ul

RT: 25.34 min Scan# 3818

Delta R.T. 0.01 min

Lab File: BM010689.D

Acq: 23 Jun 2017 13:28

Instrument :

BNA_M

ClientSampleId :

F5D09

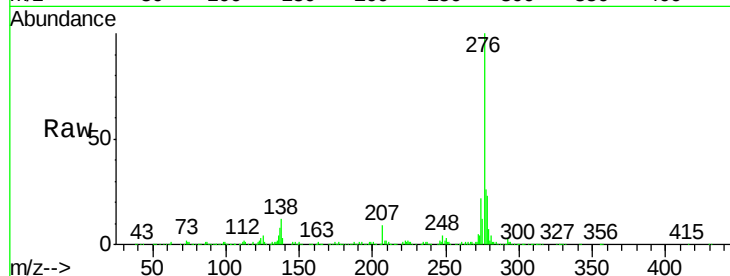
Tgt Ion:276 Resp: 765663

Ion Ratio Lower Upper

276 100

138 12.0 9.3 13.9

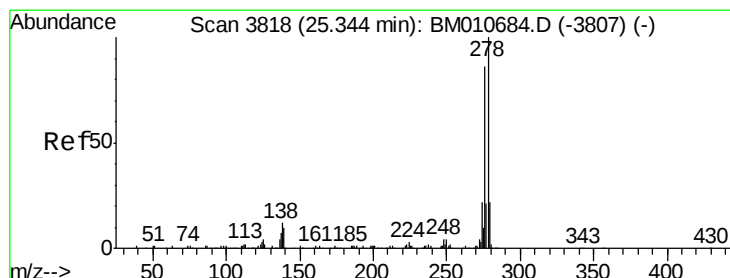
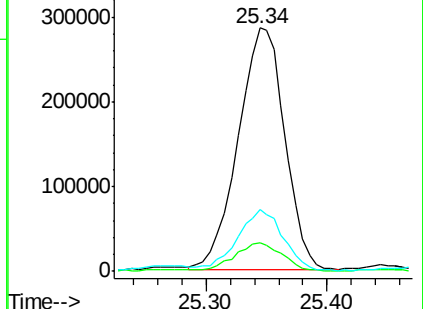
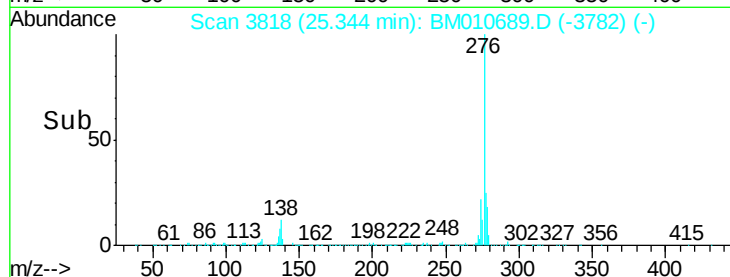
277 25.6 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#90

Dibenzo(a,h)anthracene

Concen: 9.643 ng/ul

RT: 25.35 min Scan# 3819

Delta R.T. 0.01 min

Lab File: BM010689.D

Acq: 23 Jun 2017 13:28

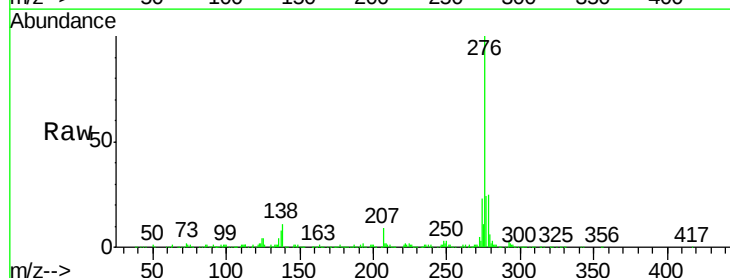
Tgt Ion:278 Resp: 208000

Ion Ratio Lower Upper

278 100

139 0.0 5.8 8.8#

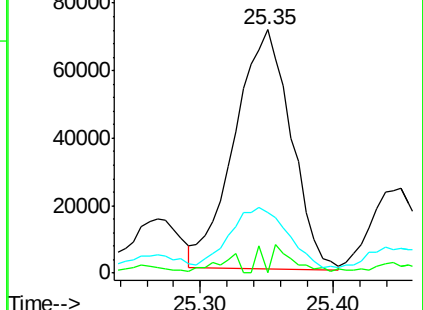
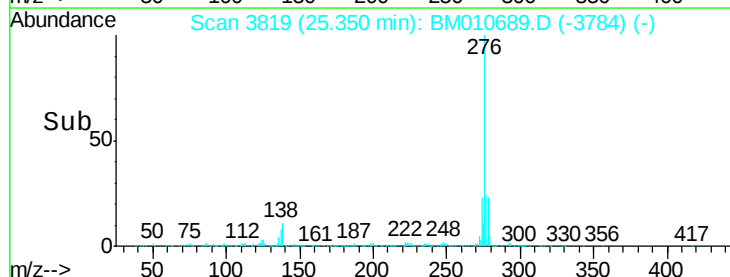
279 25.1 18.6 27.8

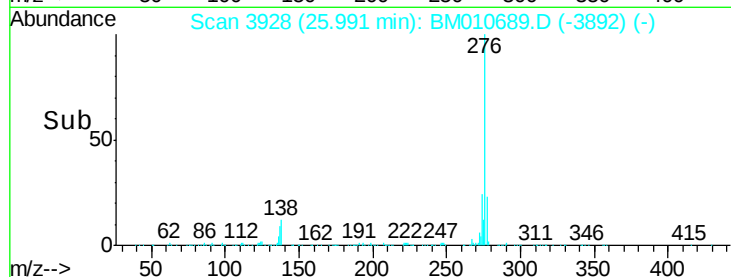
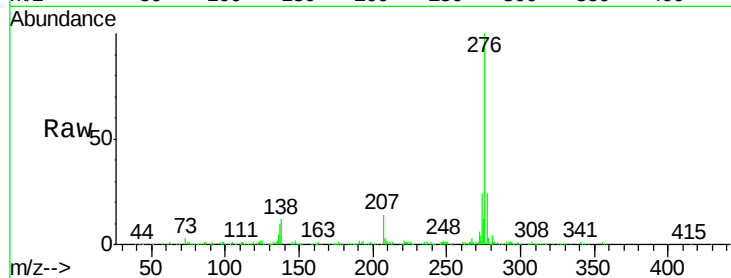
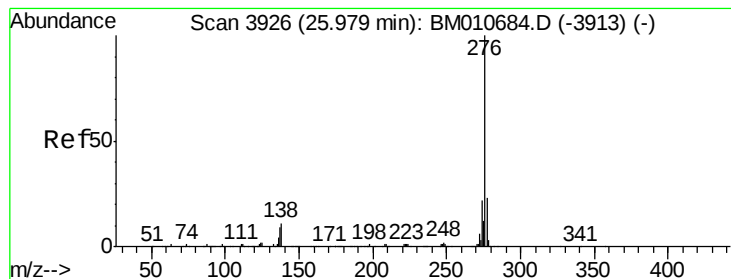


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 27.265 ng/ul

RT: 25.99 min Scan# 3928

Delta R.T. 0.01 min

Lab File: BM010689.D

Acq: 23 Jun 2017 13:28

Instrument :

BNA_M

ClientSampleId :

F5D09

Tgt Ion:276 Resp: 561786

Ion Ratio Lower Upper

276 100

138 12.1 8.5 12.7

277 23.5 18.6 28.0

