

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020216\
 Data File : BM004168.D
 Acq On : 02 Feb 2016 17:46
 Operator : SJ/IZ
 Sample : H1314-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WELDON-WC-SC-018

Quant Time: Feb 03 01:20:47 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM012216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 22 14:46:41 2016
 Response via : Initial Calibration

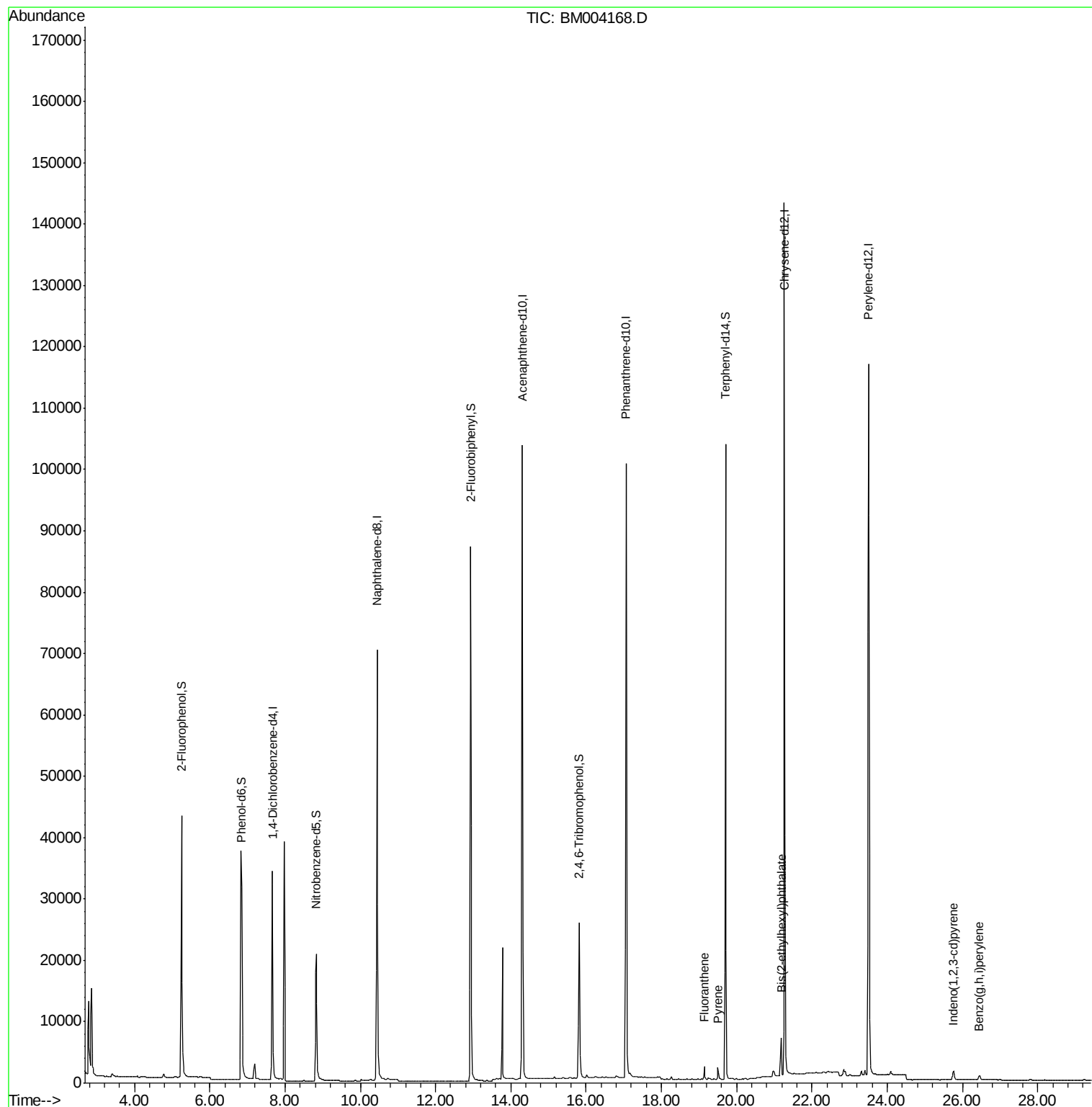
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	23806	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	104583	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	62708	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	162760	5.00	ng	0.00
26) Chrysene-d12	21.27	240	160564	5.00	ng	0.00
35) Perylene-d12	23.51	264	151497	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	41658	8.39	ng	-0.02
5) Phenol-d6	6.85	99	57434	9.58	ng	0.00
8) Nitrobenzene-d5	8.83	82	22994	5.02	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	18547	7.55	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	91017	4.74	ng	0.00
29) Terphenyl-d14	19.71	244	113088	5.54	ng	0.00
Target Compounds						Qvalue
25) Fluoranthene	19.14	202	2219	0.05	ng	99
28) Pyrene	19.50	202	2230	0.03	ng	96
33) Bis(2-ethylhexyl)phthalate	21.19	149	8471	0.58	ng	# 95
34) Indeno(1,2,3-cd)pyrene	25.76	276	1669	0.06	ng	95
40) Benzo(g,h,i)perylene	26.44	276	1432	0.04	ng	# 73

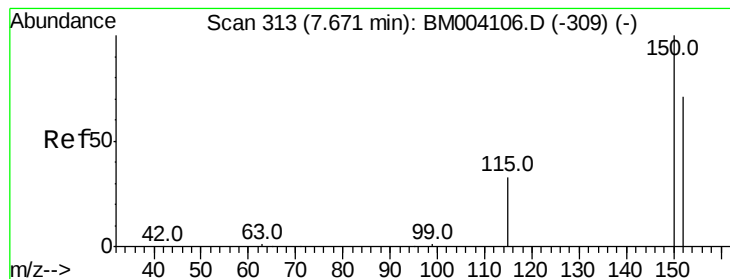
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.67 min Scan# 313

Delta R.T. -0.00 min

Lab File: BM004168.D

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Instrument :

BNA_M

ClientSampleId :

WELDON-WC-SC-018

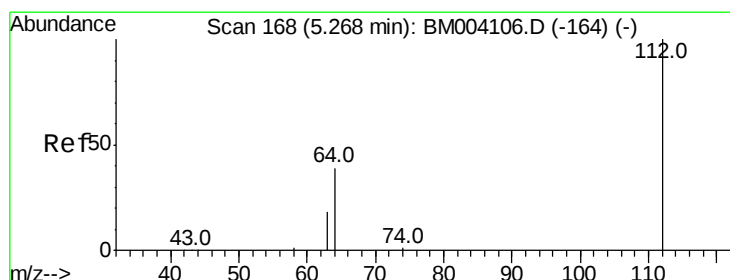
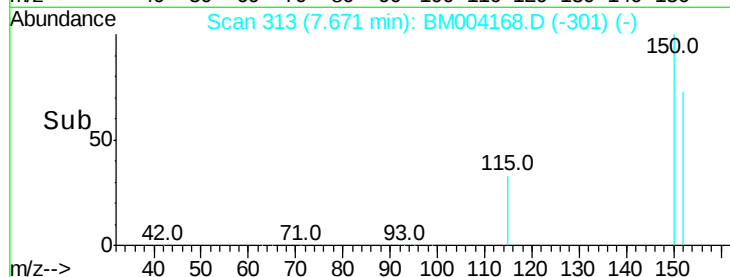
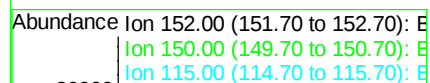
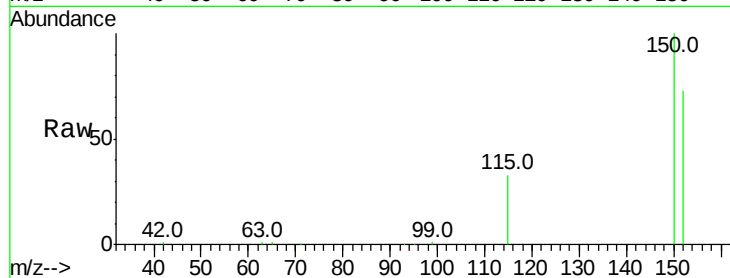
Tot Ion:152 Resp: 23806

Ion Ratio Lower Upper

152 100

150 137.7 122.9 184.3

115 45.7 44.4 66.6



#4

2-Fluorophenol

Concen: 8.39 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.02 min

Lab File: BM004168.D

Acq: 02 Feb 2016 17:46

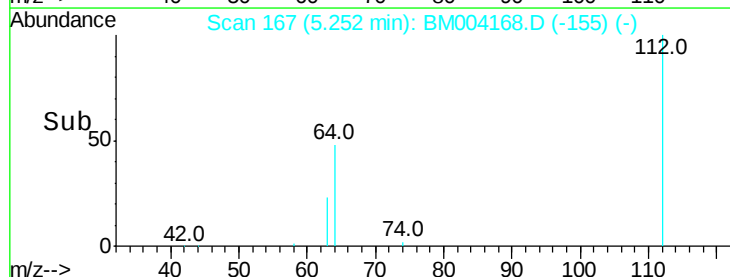
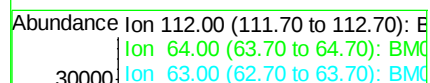
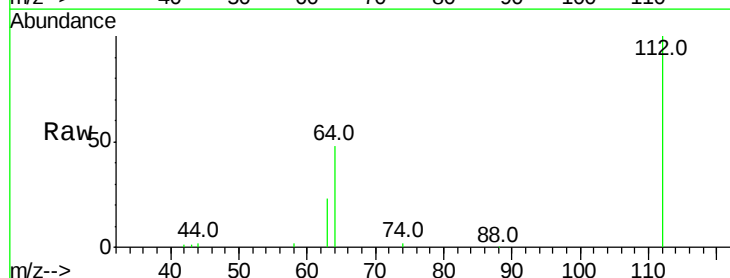
Tgt Ion:112 Resp: 41658

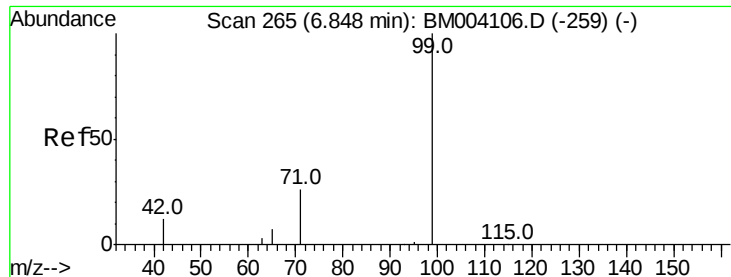
Ion Ratio Lower Upper

112 100

64 52.2 41.8 62.8

63 27.4 22.1 33.1





#5

Phenol-d6

Concen: 9.58 ng

RT: 6.85 min Scan# 265

Delta R.T. -0.00 min

Lab File: BM004168.D

Acq: 02 Feb 2016 17:46

Instrument :

BNA_M

ClientSampleId :

WELDON-WC-SC-018

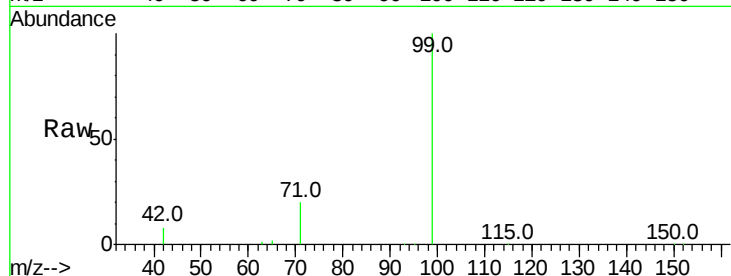
Tot Ion: 99 Resp: 57434

Ion Ratio Lower Upper

99 100

42 17.9 16.2 24.2

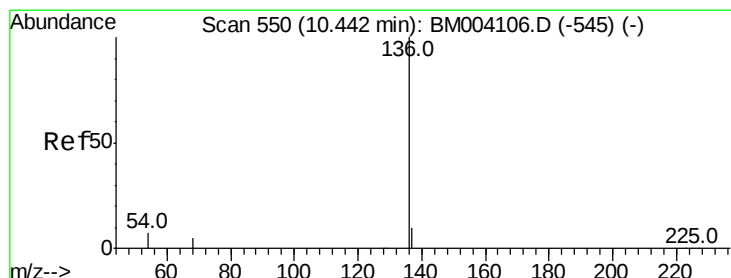
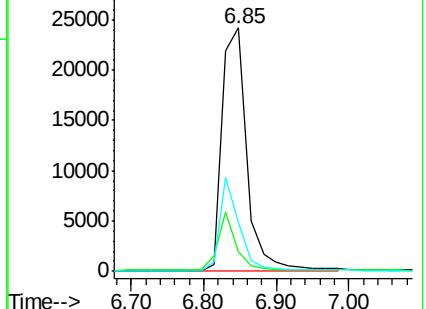
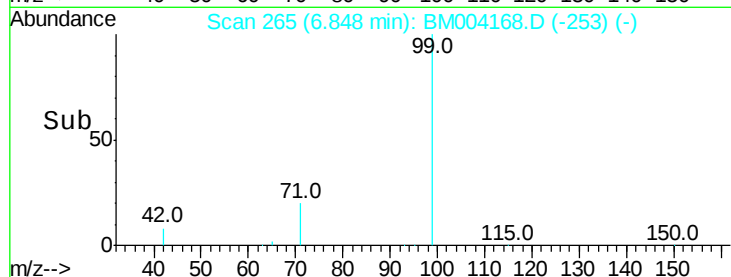
71 30.8 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM004168.D (-538) (-)

Ion 42.00 (41.70 to 42.70): BM004168.D (-538) (-)

Ion 71.00 (70.70 to 71.70): BM004168.D (-538) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.00 min

Lab File: BM004168.D

Acq: 02 Feb 2016 17:46

Tgt Ion: 136 Resp: 104583

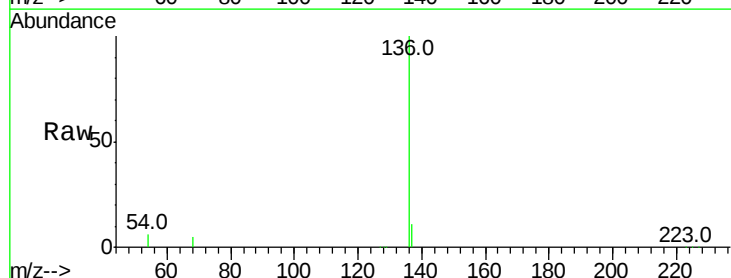
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 6.5 2.8 4.2#

68 4.9 2.5 3.7#

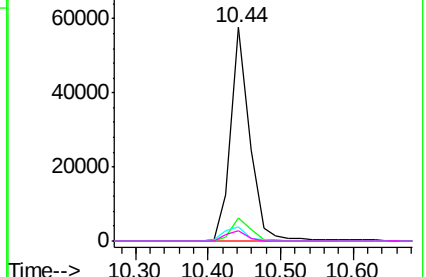
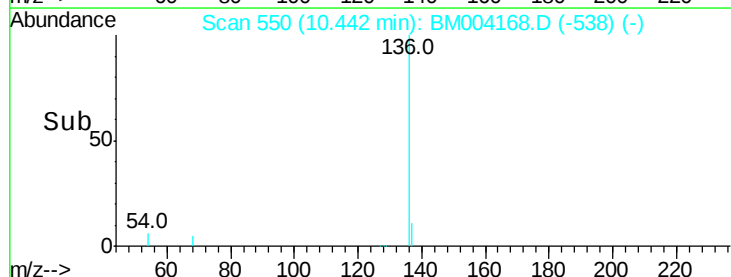


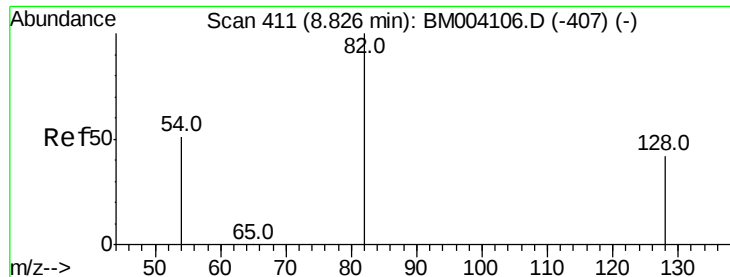
Abundance Ion 136.00 (135.70 to 136.70): BM004168.D (-538) (-)

Ion 137.00 (136.70 to 137.70): BM004168.D (-538) (-)

Ion 54.00 (53.70 to 54.70): BM004168.D (-538) (-)

Ion 68.00 (67.70 to 68.70): BM004168.D (-538) (-)





#8

Nitrobenzene-d5

Concen: 5.02 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM004168.D

Acq: 02 Feb 2016 17:46

Instrument :

BNA_M

ClientSampleId :

WELDON-WC-SC-018

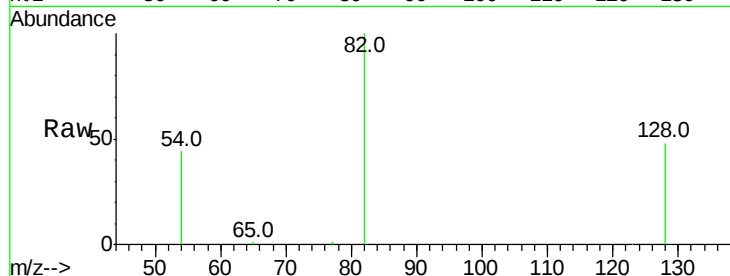
Tot Ion: 82 Resp: 22994

Ion Ratio Lower Upper

82 100

128 48.5 39.1 58.7

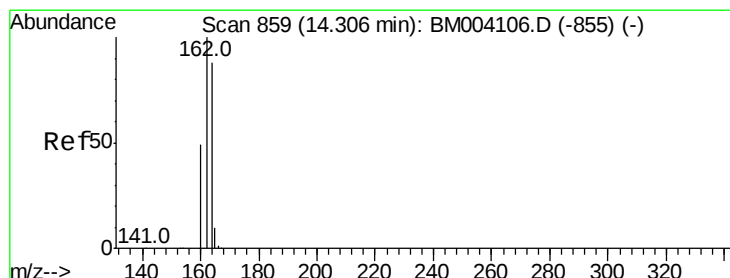
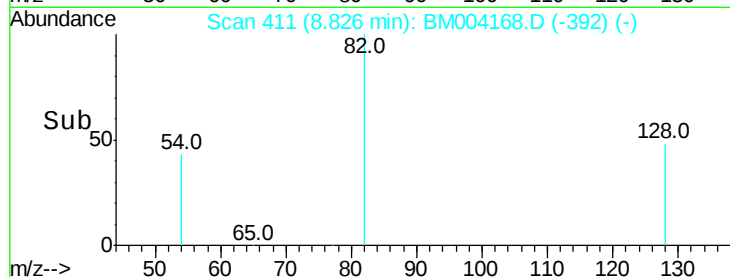
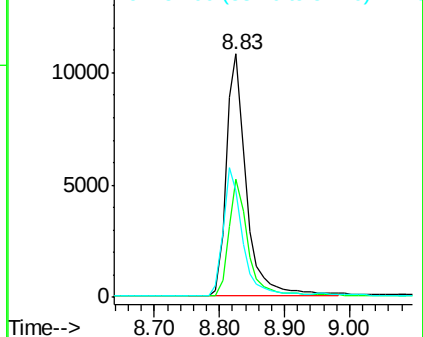
54 43.8 34.8 52.2



Abundance Ion 82.00 (81.70 to 82.70): BM004168.D (-392) (-)

Ion 128.00 (127.70 to 128.70): BM004168.D (-392) (-)

Ion 54.00 (53.70 to 54.70): BM004168.D (-392) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.31 min Scan# 859

Delta R.T. -0.00 min

Lab File: BM004168.D

Acq: 02 Feb 2016 17:46

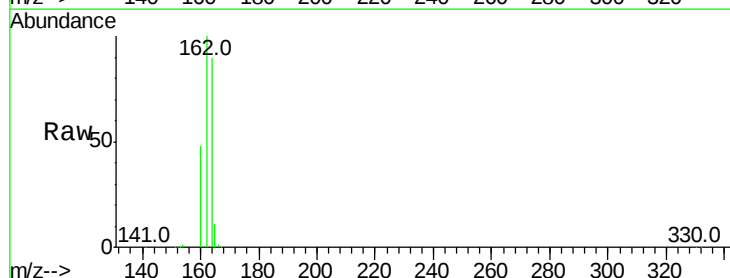
Tgt Ion: 164 Resp: 62708

Ion Ratio Lower Upper

164 100

162 111.0 86.0 129.0

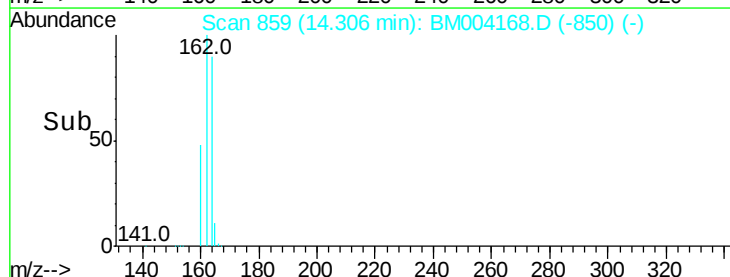
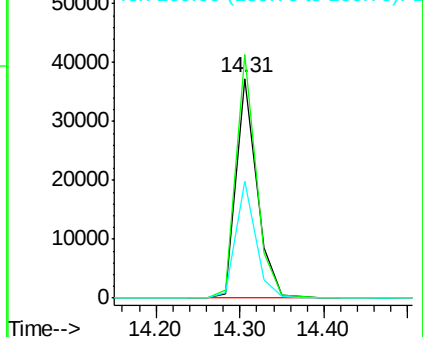
160 53.3 40.3 60.5

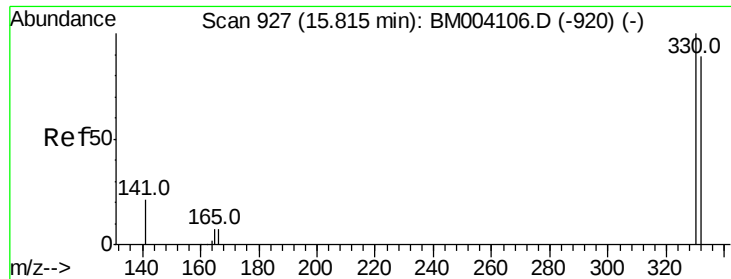


Abundance Ion 164.00 (163.70 to 164.70): BM004168.D (-850) (-)

Ion 162.00 (161.70 to 162.70): BM004168.D (-850) (-)

Ion 160.00 (159.70 to 160.70): BM004168.D (-850) (-)

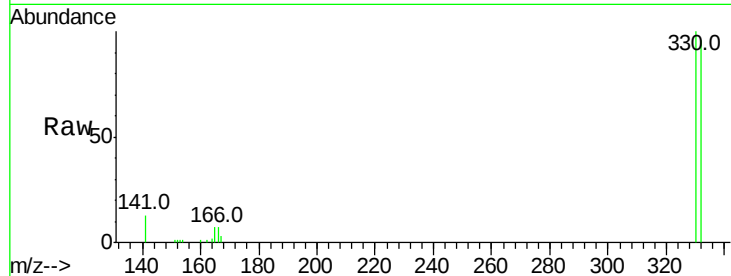




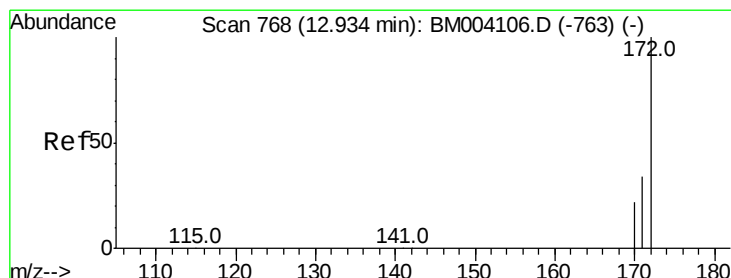
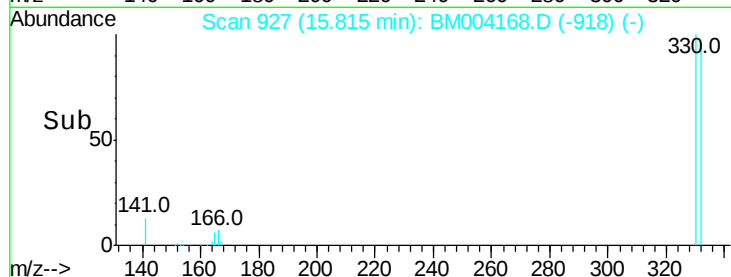
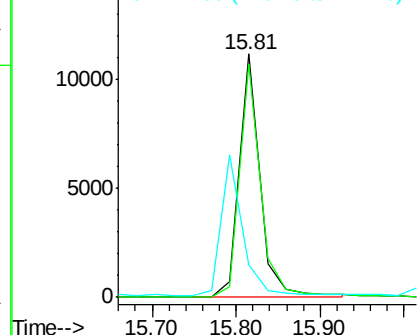
#14
 2,4,6-Tribromophenol
 Concen: 7.55 ng
 RT: 15.81 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BM004168.D
 Acq: 02 Feb 2016 17:46

Instrument :
 BNA_M
 ClientSampleId :
 WELDON-WC-SC-018

Tot Ion:330 Resp: 18547
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 0.0 27.8 41.6#

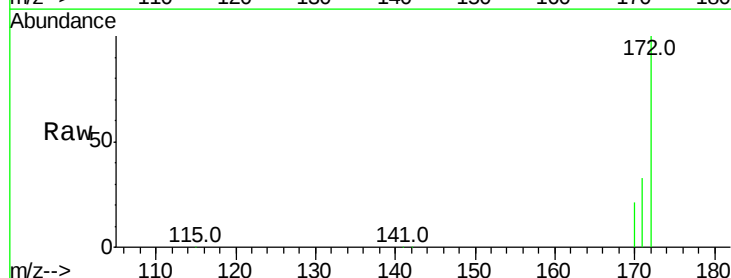


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

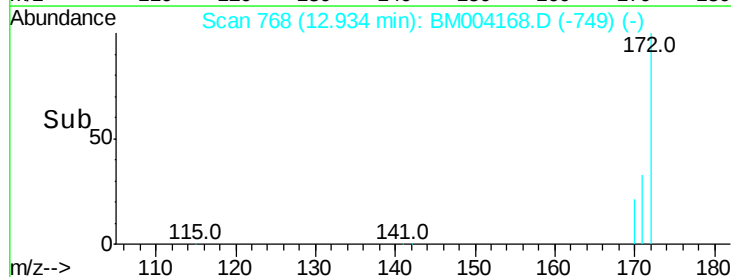
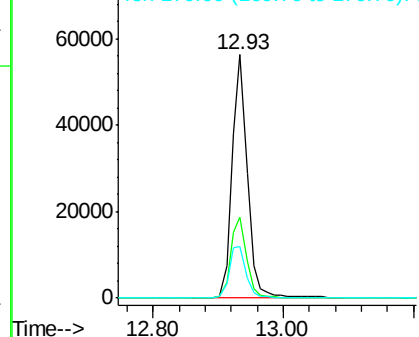


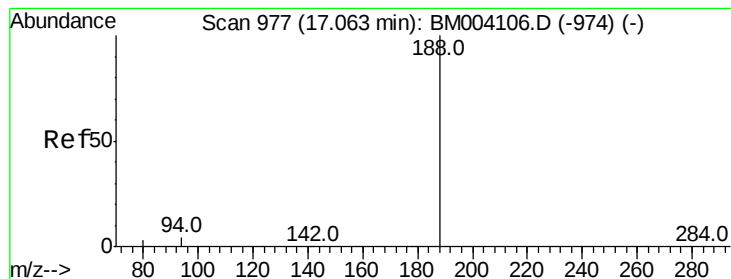
#15
 2-Fluorobiphenyl
 Concen: 4.74 ng
 RT: 12.93 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BM004168.D
 Acq: 02 Feb 2016 17:46

Tgt Ion:172 Resp: 91017
 Ion Ratio Lower Upper
 172 100
 171 33.3 27.0 40.6
 170 21.0 17.9 26.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.00 min

Lab File: BM004168.D

Acq: 02 Feb 2016 17:46

Instrument :

BNA_M

ClientSampleId :

WELDON-WC-SC-018

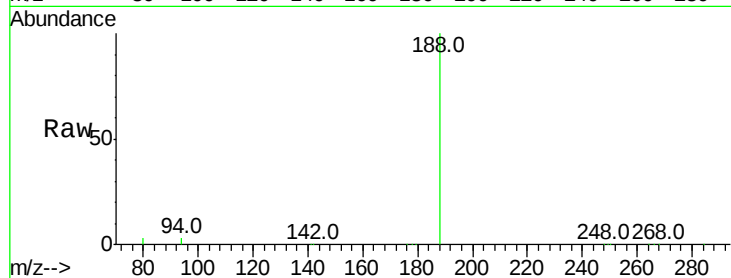
Tot Ion:188 Resp: 162760

Ion Ratio Lower Upper

188 100

94 3.2 20.3 30.5#

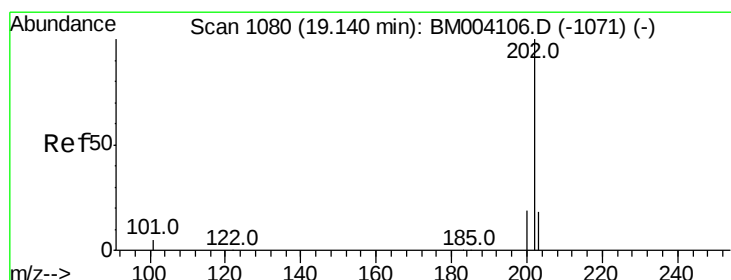
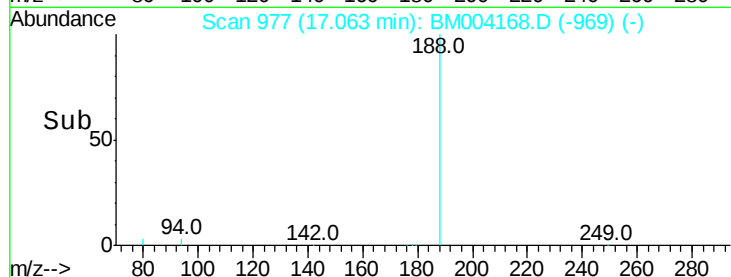
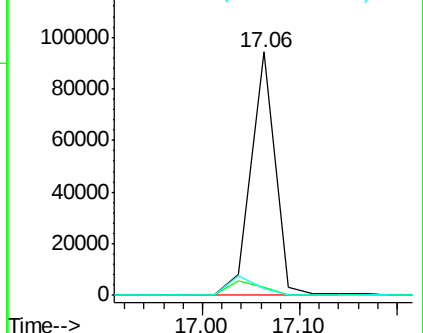
80 2.7 22.2 33.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#25

Fluoranthene

Concen: 0.05 ng

RT: 19.14 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BM004168.D

Acq: 02 Feb 2016 17:46

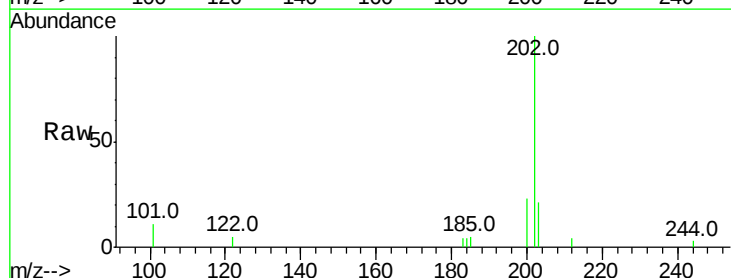
Tgt Ion:202 Resp: 2219

Ion Ratio Lower Upper

202 100

101 11.7 9.7 14.5

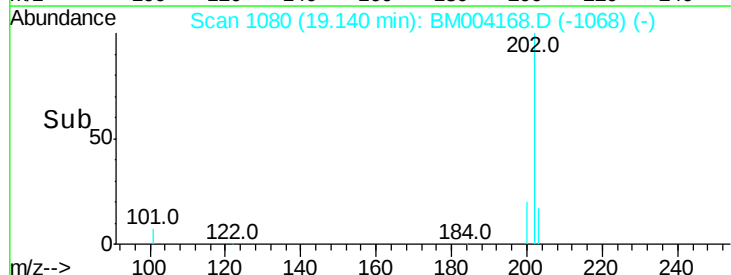
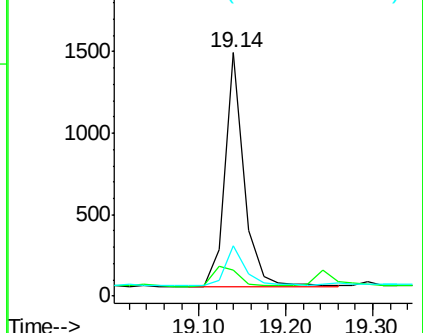
203 17.0 13.8 20.8

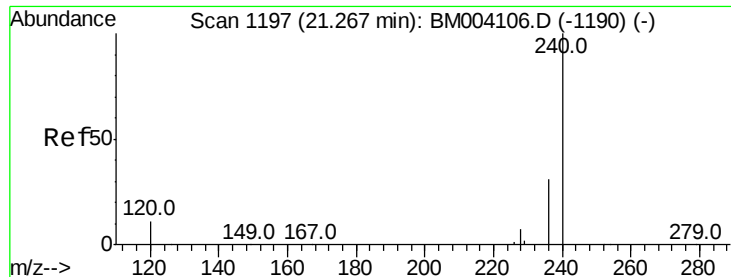


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

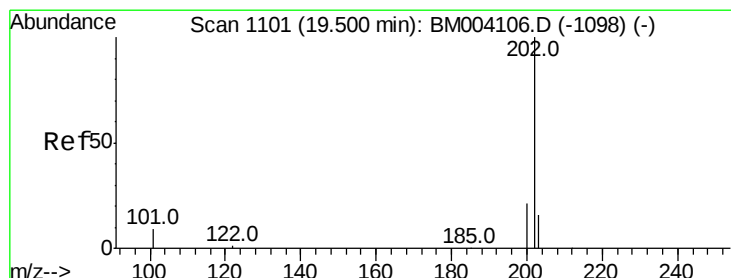
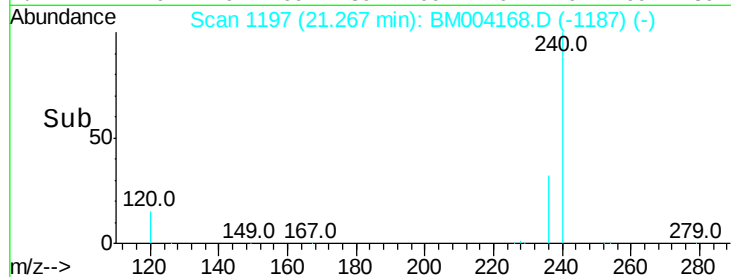
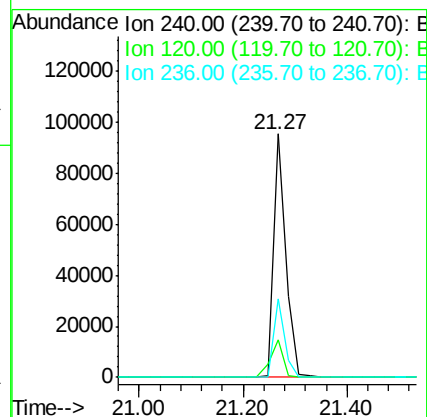
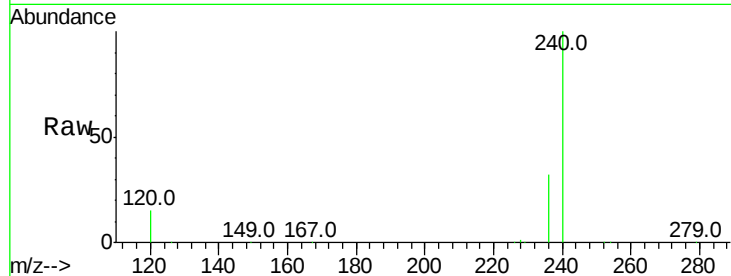




#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.27 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BM004168.D
Acq: 02 Feb 2016 17:46

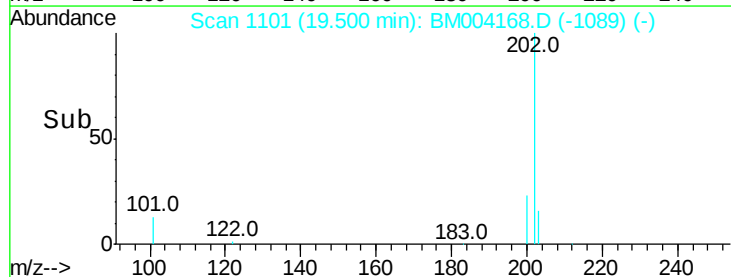
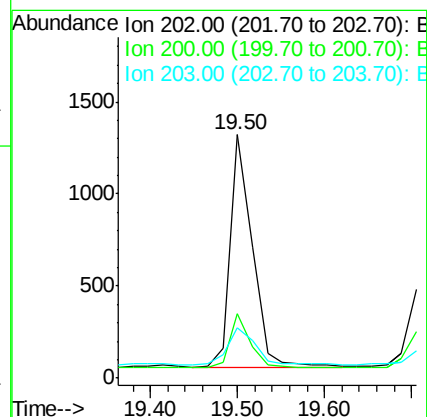
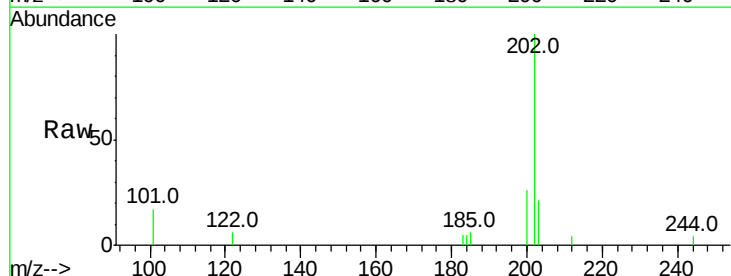
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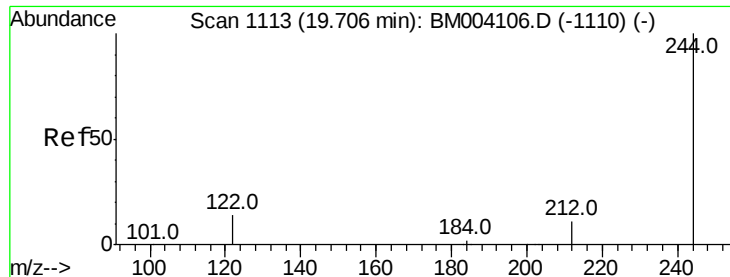
Tot Ion:240 Resp: 160564
Ion Ratio Lower Upper
240 100
120 15.3 0.9 1.3#
236 32.4 17.3 25.9#



#28
Pyrene
Concen: 0.03 ng
RT: 19.50 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BM004168.D
Acq: 02 Feb 2016 17:46

Tgt Ion:202 Resp: 2230
Ion Ratio Lower Upper
202 100
200 21.4 16.6 24.8
203 20.9 14.0 21.0





#29

Terphenyl-d14

Concen: 5.54 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM004168.D

Acq: 02 Feb 2016 17:46

Instrument :

BNA_M

ClientSampleId :

WELDON-WC-SC-018

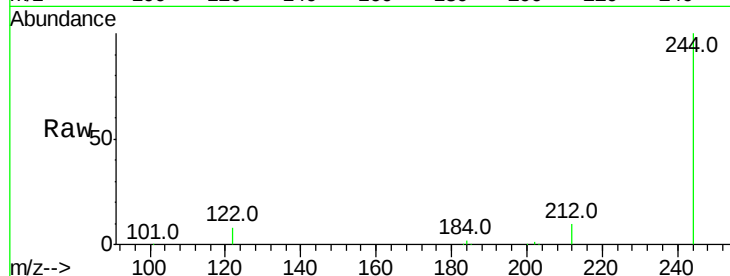
Tot Ion:244 Resp: 113088

Ion Ratio Lower Upper

244 100

212 10.3 7.0 10.6

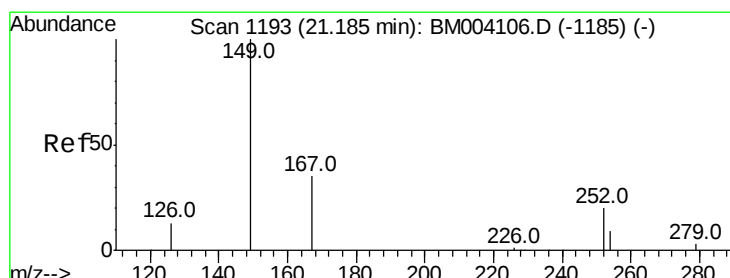
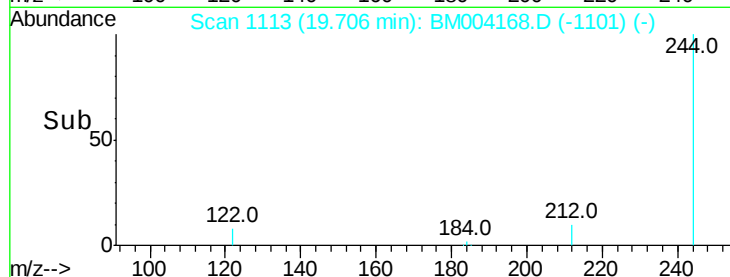
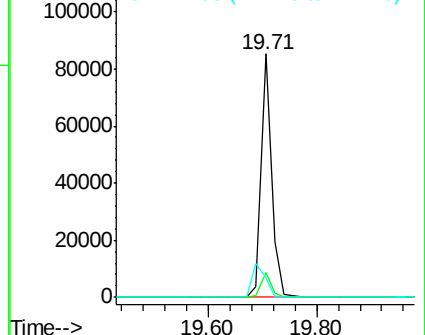
122 8.2 3.0 4.6#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.58 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM004168.D

Acq: 02 Feb 2016 17:46

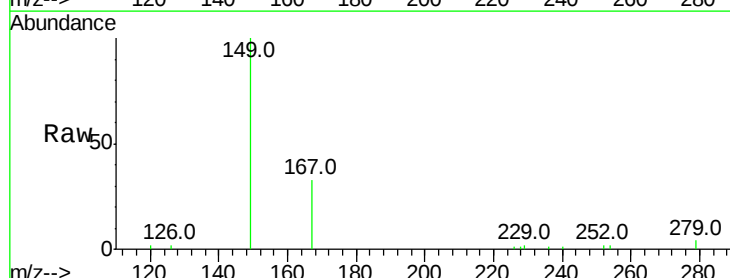
Tgt Ion:149 Resp: 8471

Ion Ratio Lower Upper

149 100

167 27.7 20.1 30.1

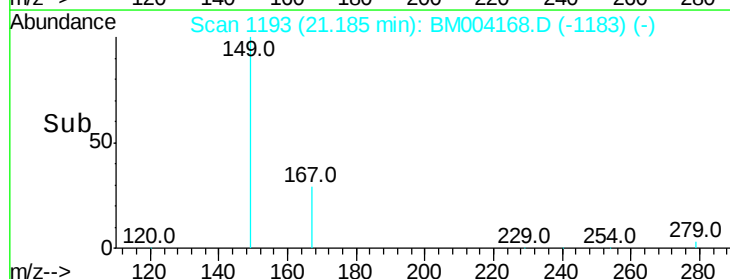
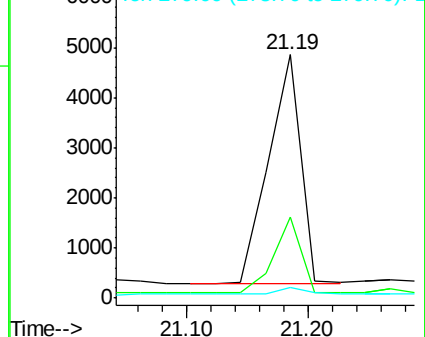
279 2.7 1.8 2.6#

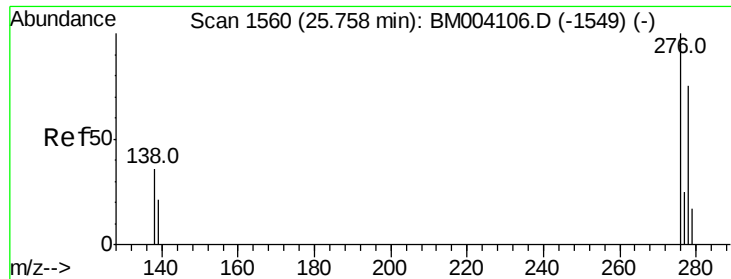


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Indeno(1,2,3-cd)pyrene

Concen: 0.06 ng

RT: 25.76 min Scan# 1559

Delta R.T. -0.00 min

Lab File: BM004168.D

Acq: 02 Feb 2016 17:46

Instrument :

BNA_M

ClientSampleId :

WELDON-WC-SC-018

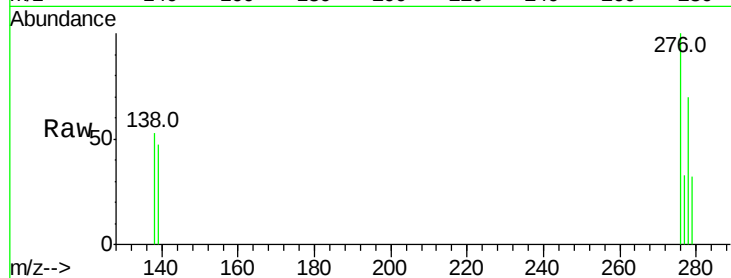
Tot Ion:276 Resp: 1669

Ion Ratio Lower Upper

276 100

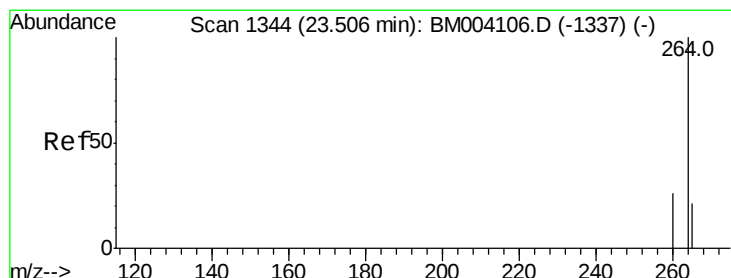
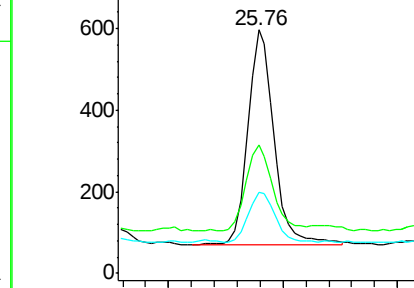
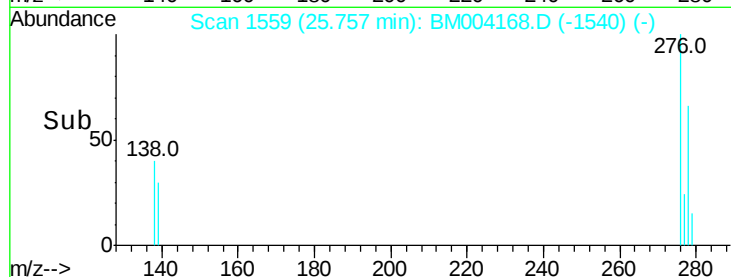
138 41.5 30.2 45.2

277 23.1 19.8 29.8



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

25.76



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.51 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BM004168.D

Acq: 02 Feb 2016 17:46

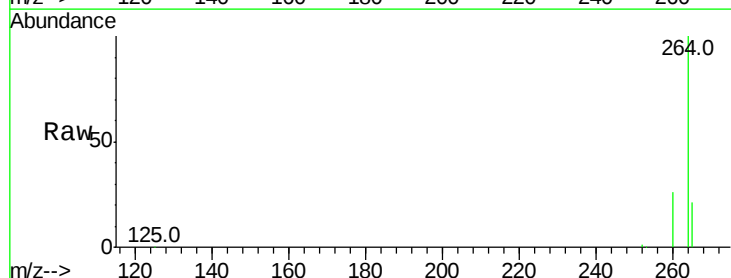
Tgt Ion:264 Resp: 151497

Ion Ratio Lower Upper

264 100

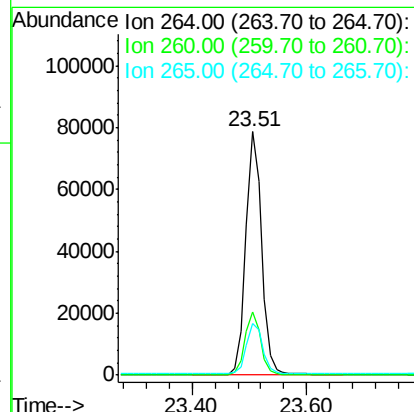
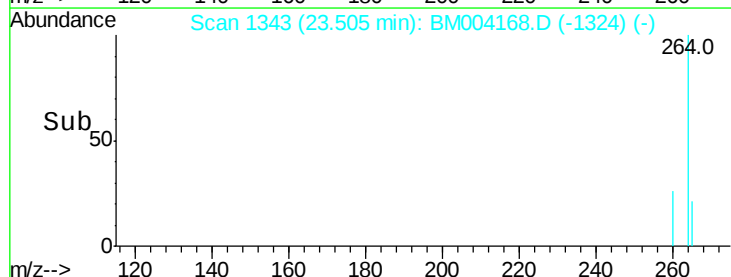
260 26.0 21.2 31.8

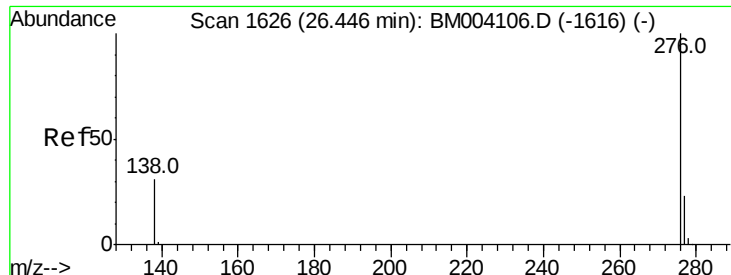
265 21.4 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

23.51





#40

Benzo(a,h,i)perylene

Concen: 0.04 ng

RT: 26.44 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BM004168.D

Acq: 02 Feb 2016 17:46

Instrument :

BNA_M

ClientSampleId :

WELDON-WC-SC-018

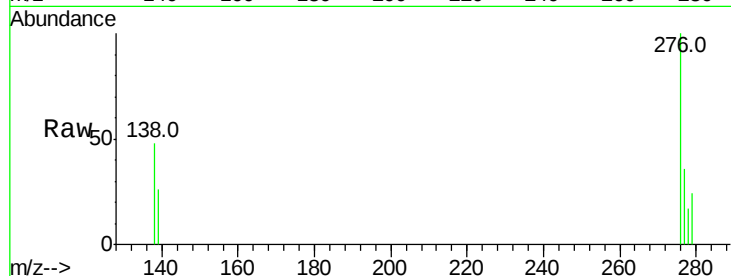
Tot Ion: 276 Resp: 1432

Ion Ratio Lower Upper

276 100

277 35.6 19.1 28.7#

138 47.8 25.0 37.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

