

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032016\
 Data File : BM004709.D
 Acq On : 20 Mar 2016 16:52
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 21 04:26:26 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 19 07:50:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	31736	5.00	ng	0.00
6) Naphthalene-d8	10.61	136	127318	5.00	ng	-0.02
10) Acenaphthene-d10	14.46	164	67185	5.00	ng	0.00
16) Phenanthrene-d10	17.19	188	124565	5.00	ng	-0.03
22) Chrysene-d12	21.39	240	140905	5.00	ng	0.00
28) Perylene-d12	23.69	264	120118	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	2717	0.37	ng	0.00
5) Phenol-d6	6.99	99	3066	0.34	ng	0.00
7) Nitrobenzene-d5	8.99	82	2052	0.33	ng	0.00
11) 2,4,6-Tribromophenol	15.95	330	653m	0.29	ng	0.00
12) 2-Fluorobiphenyl	13.09	172	9060	0.47	ng	0.00
24) Terphenyl-d14	19.84	244	7094	0.40	ng	0.00

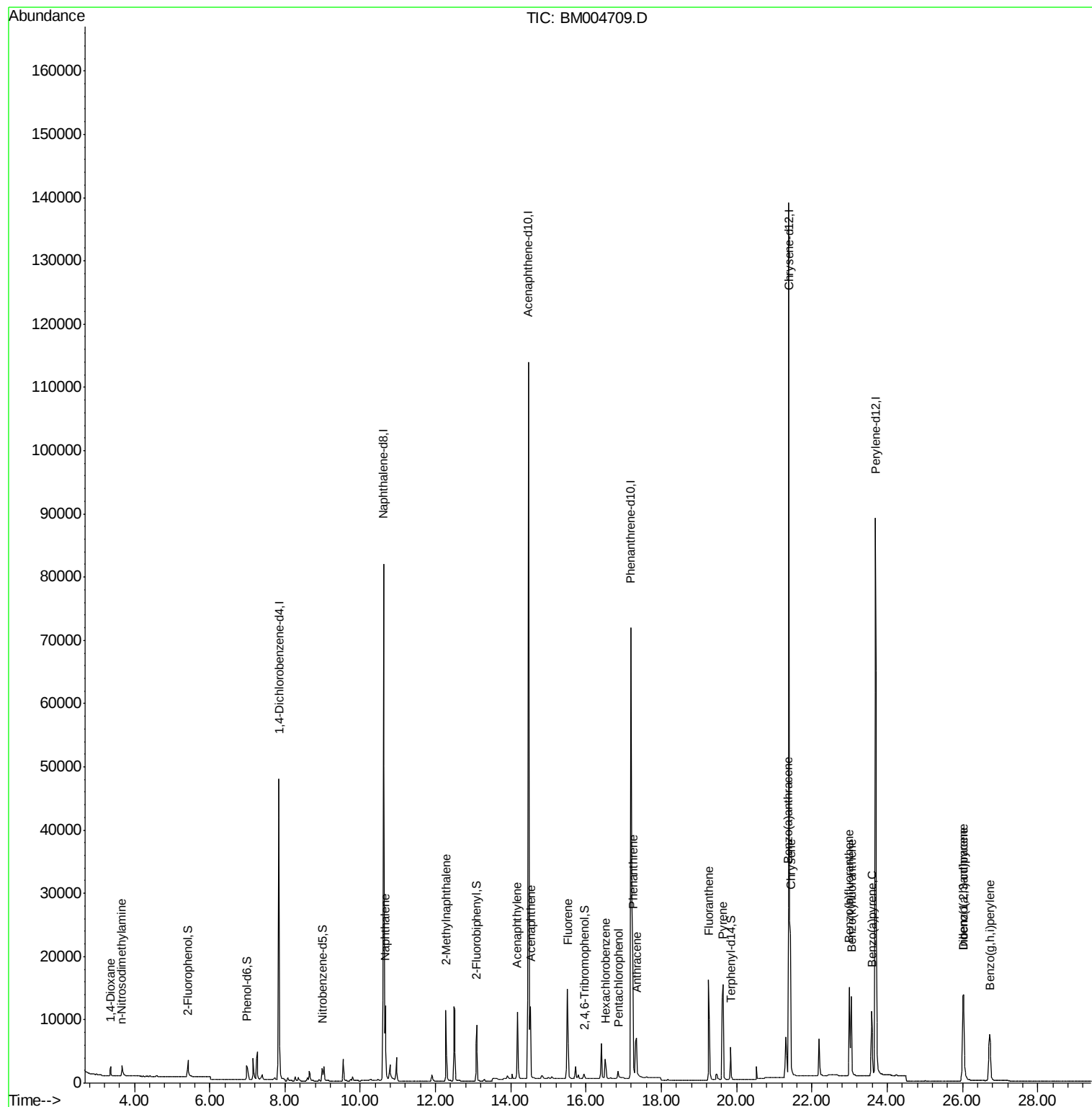
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	1459	0.45	ng	96
3) n-Nitrosodimethylamine	3.66	42	1322	0.40	ng	# 90
8) Naphthalene	10.66	128	15683	0.45	ng	99
9) 2-Methylnaphthalene	12.28	142	9640	0.44	ng	# 89
13) Acenaphthylene	14.17	152	13331	0.39	ng	99
14) Acenaphthene	14.53	154	9923	0.43	ng	# 74
15) Fluorene	15.50	166	11126	0.43	ng	# 100
17) Hexachlorobenzene	16.53	284	3133	0.41	ng	# 100
18) Pentachlorophenol	16.86	266	946	0.32	ng	98
19) Phenanthrene	17.24	178	23108	0.46	ng	98
20) Anthracene	17.34	178	13880m	0.39	ng	
21) Fluoranthene	19.26	202	19408	0.41	ng	100
23) Pyrene	19.64	202	20940	0.40	ng	100
25) Benzo(a)anthracene	21.37	228	18764	0.33	ng	99
26) Chrysene	21.43	228	22899m	0.55	ng	
27) Indeno(1,2,3-cd)pyrene	26.02	276	18467	0.39	ng	98
29) Benzo(b)fluoranthene	23.00	252	18441	0.42	ng	99
30) Benzo(k)fluoranthene	23.05	252	18984	0.44	ng	99
31) Benzo(a)pyrene	23.59	252	15771	0.38	ng	100
32) Dibenzo(a,h)anthracene	26.03	278	14692	0.40	ng	97
33) Benzo(g,h,i)perylene	26.73	276	16205	0.42	ng	98

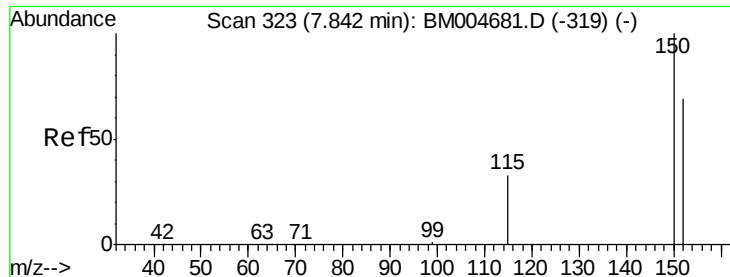
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032016\
Data File : BM004709.D
Acq On : 20 Mar 2016 16:52
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 21 04:26:26 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 19 07:50:46 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.84 min Scan# 323

Delta R.T. 0.00 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC0.4

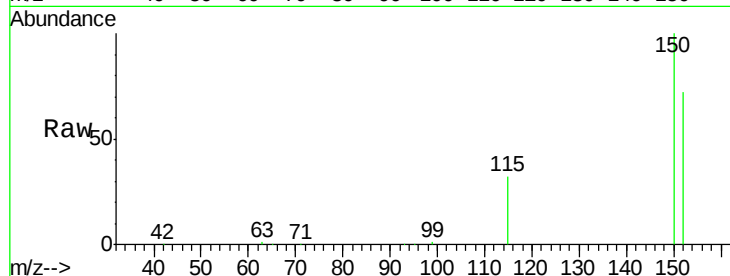
Tgt Ion:152 Resp: 31736

Ion Ratio Lower Upper

152 100

150 138.7 115.9 173.9

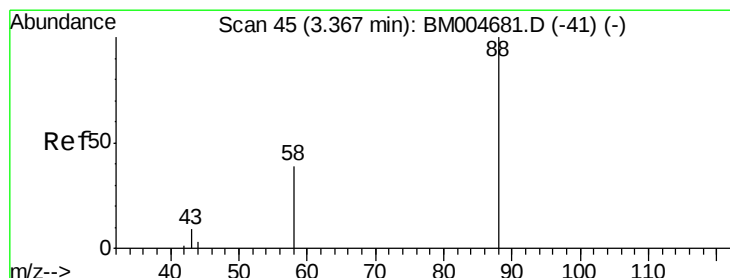
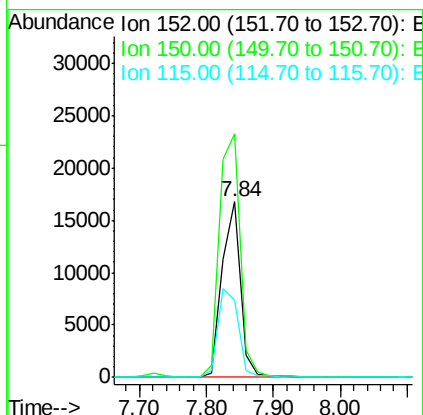
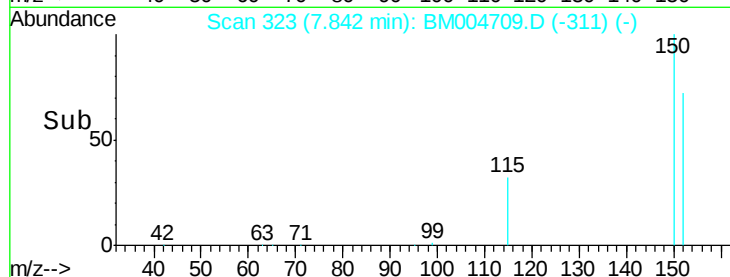
115 44.3 38.4 57.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.45 ng

RT: 3.37 min Scan# 45

Delta R.T. 0.00 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

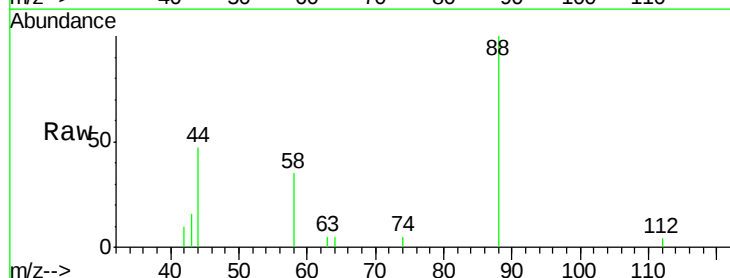
Tgt Ion: 88 Resp: 1459

Ion Ratio Lower Upper

88 100

58 58.1 43.9 65.9

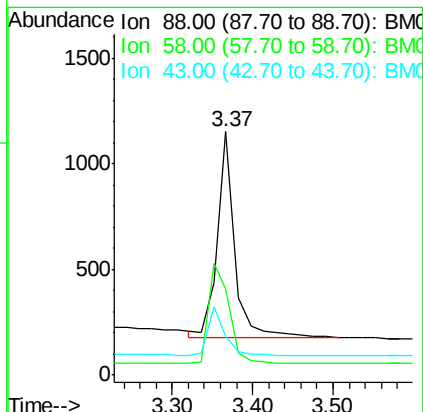
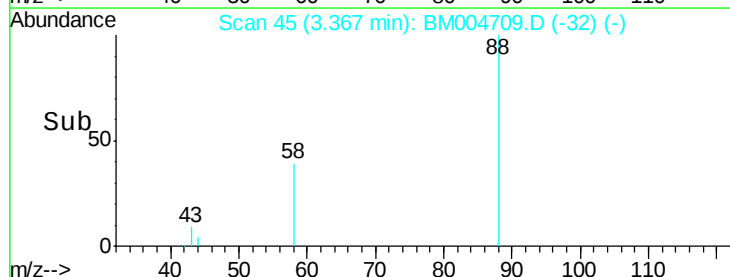
43 23.7 19.9 29.9

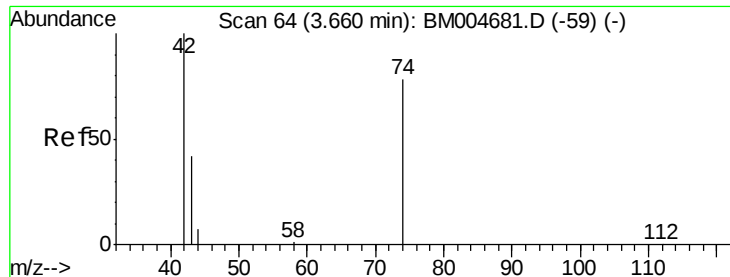


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.40 ng

RT: 3.66 min Scan# 64

Delta R.T. 0.00 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC0.4

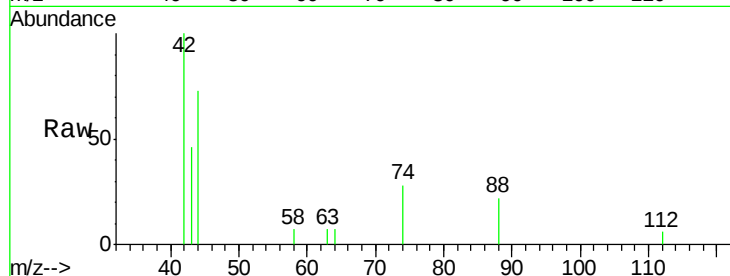
Tgt Ion: 42 Resp: 1322

Ion Ratio Lower Upper

42 100

74 138.9 120.9 181.3

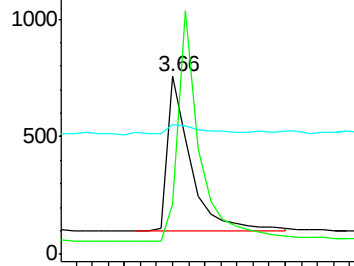
44 10.5 6.0 9.0#



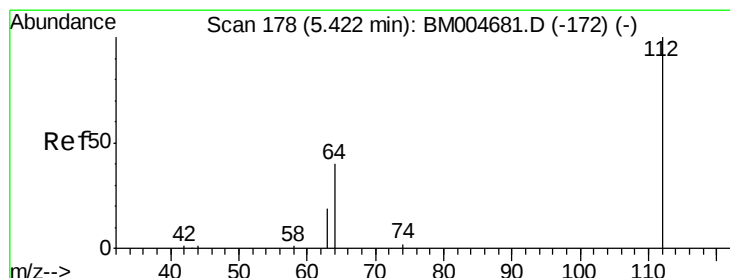
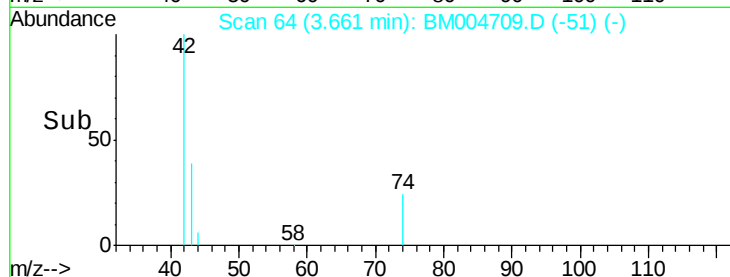
Abundance Ion 42.00 (41.70 to 42.70): BM004681.D (-59) (-)

Ion 74.00 (73.70 to 74.70): BM004681.D (-59) (-)

Ion 44.00 (43.70 to 44.70): BM004681.D (-59) (-)



Time-->



#4

2-Fluorophenol

Concen: 0.37 ng

RT: 5.42 min Scan# 178

Delta R.T. 0.00 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

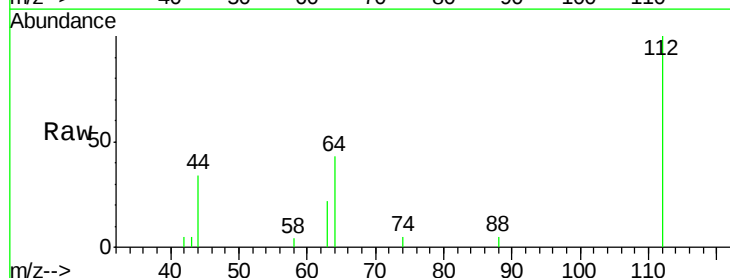
Tgt Ion: 112 Resp: 2717

Ion Ratio Lower Upper

112 100

64 47.2 37.0 55.6

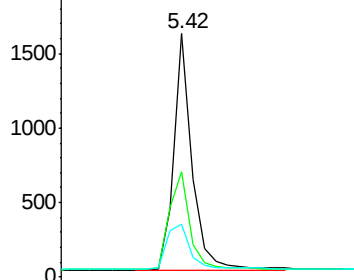
63 24.3 19.3 28.9



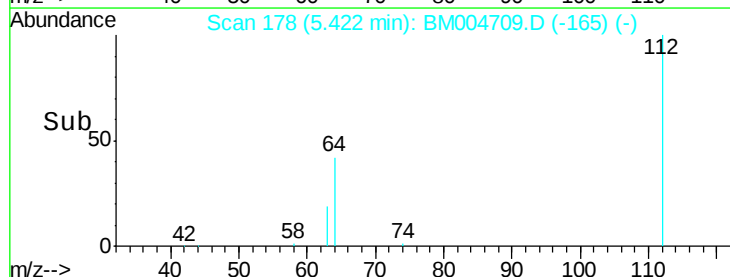
Abundance Ion 112.00 (111.70 to 112.70): BM004681.D (-172) (-)

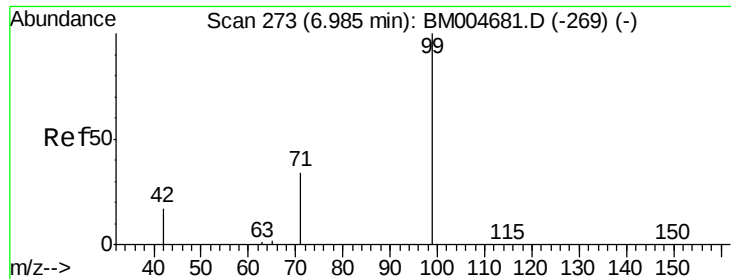
Ion 64.00 (63.70 to 64.70): BM004681.D (-172) (-)

Ion 63.00 (62.70 to 63.70): BM004681.D (-172) (-)



Time-->





#5

Phenol-d6

Concen: 0.34 ng

RT: 6.99 min Scan# 273

Delta R.T. 0.00 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC0.4

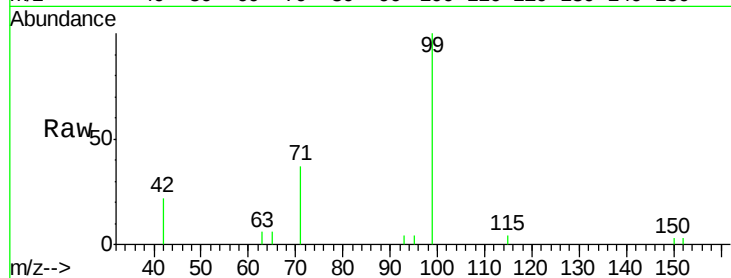
Tgt Ion: 99 Resp: 3066

Ion Ratio Lower Upper

99 100

42 15.4 12.7 19.1

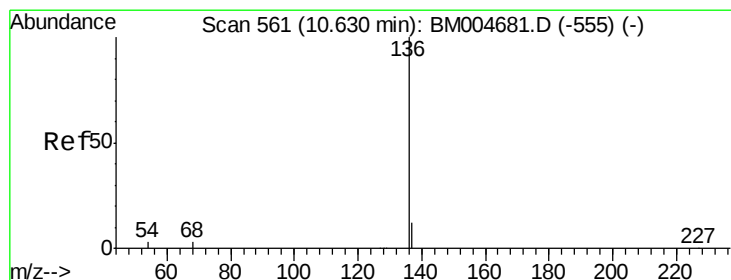
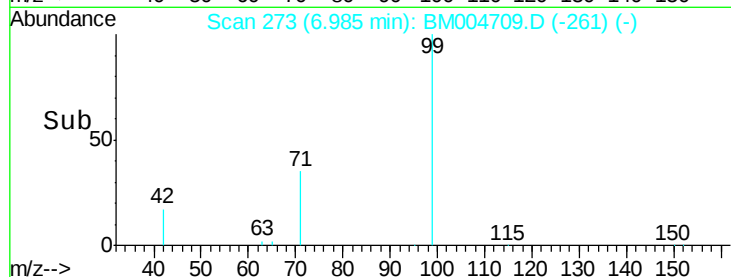
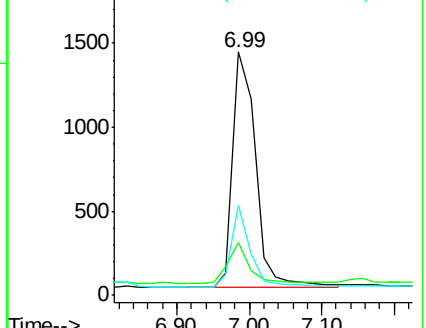
71 28.6 22.9 34.3



Abundance Ion 99.00 (98.70 to 99.70): BM004709.D (-261) (-)

Ion 42.00 (41.70 to 42.70): BM004709.D (-261) (-)

Ion 71.00 (70.70 to 71.70): BM004709.D (-261) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.61 min Scan# 560

Delta R.T. -0.02 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

Tgt Ion: 136 Resp: 127318

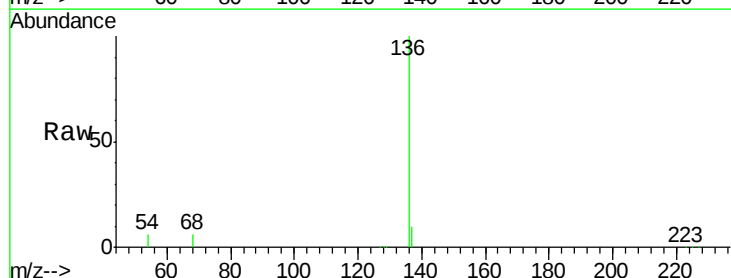
Ion Ratio Lower Upper

136 100

137 10.2 9.4 14.2

54 6.5 2.2 3.4#

68 5.6 2.2 3.4#

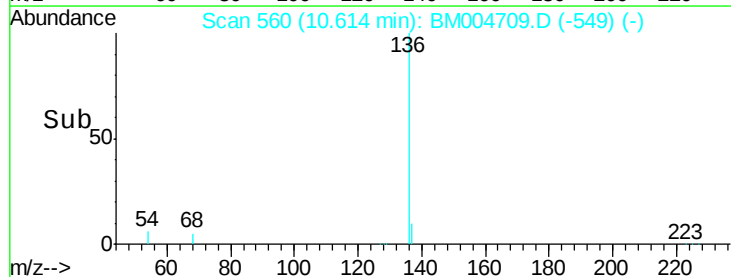
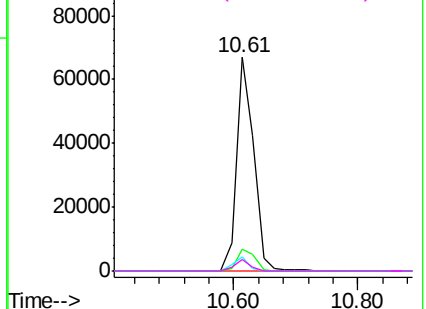


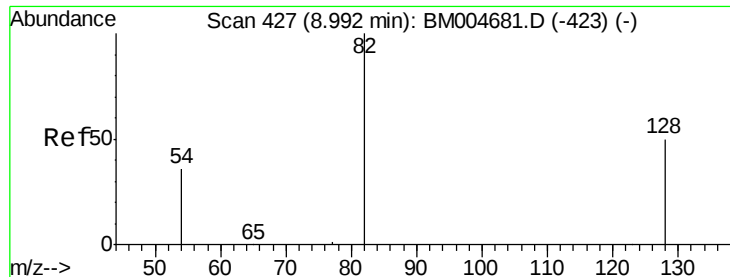
Abundance Ion 136.00 (135.70 to 136.70): BM004709.D (-549) (-)

Ion 137.00 (136.70 to 137.70): BM004709.D (-549) (-)

Ion 54.00 (53.70 to 54.70): BM004709.D (-549) (-)

Ion 68.00 (67.70 to 68.70): BM004709.D (-549) (-)





#7

Nitrobenzene-d5

Concen: 0.33 ng

RT: 8.99 min Scan# 427

Delta R.T. 0.00 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC0.4

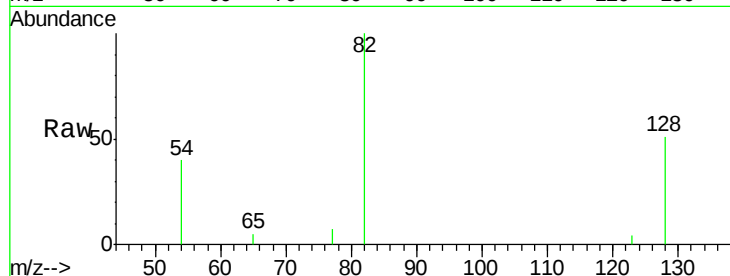
Tgt Ion: 82 Resp: 2052

Ion Ratio Lower Upper

82 100

128 51.5 41.8 62.8

54 40.4 32.9 49.3



Abundance Ion 82.00 (81.70 to 82.70): BM004709.D (-408) (-)

Ion 128.00 (127.70 to 128.70): BM004709.D (-408) (-)

Ion 54.00 (53.70 to 54.70): BM004709.D (-408) (-)

8.99

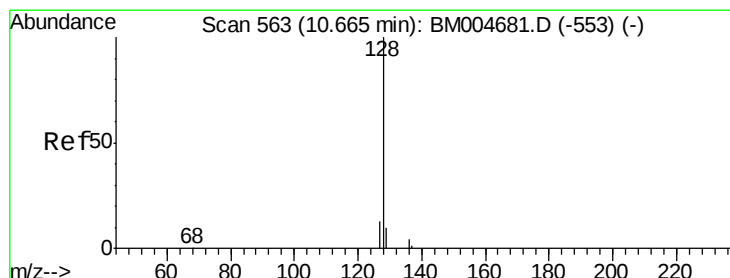
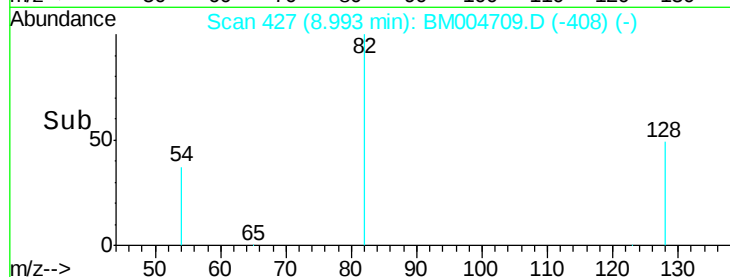
1000

500

0

8.90 9.00 9.10

Time-->



#8

Naphthalene

Concen: 0.45 ng

RT: 10.66 min Scan# 563

Delta R.T. 0.00 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

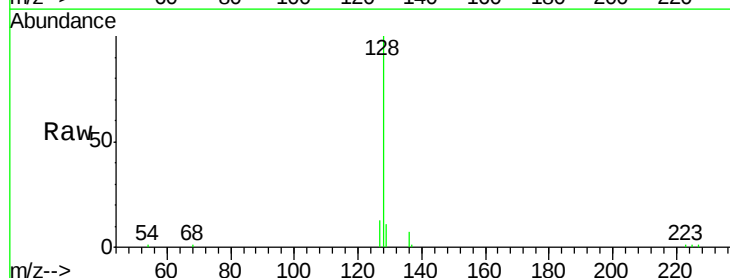
Tgt Ion: 128 Resp: 15683

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.3 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): BM004709.D (-551) (-)

Ion 129.00 (128.70 to 129.70): BM004709.D (-551) (-)

Ion 127.00 (126.70 to 127.70): BM004709.D (-551) (-)

10.66

12000

10000

8000

6000

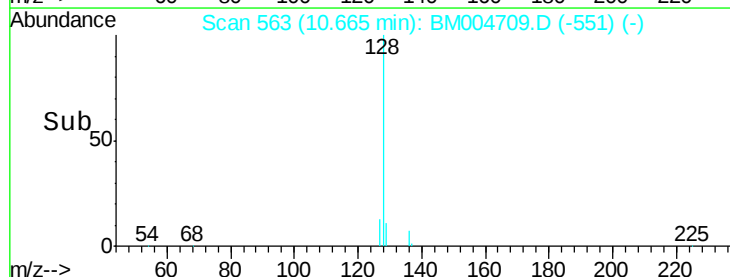
4000

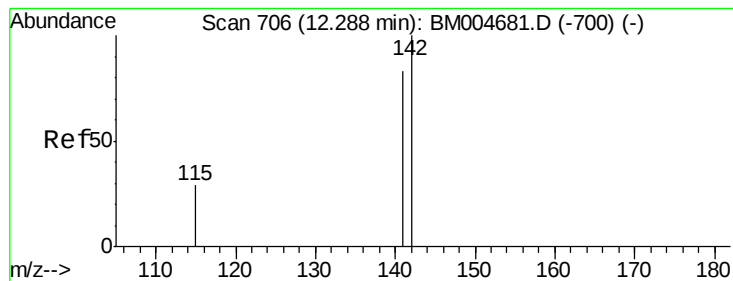
2000

0

10.50 10.60 10.70 10.80

Time-->





#9

2-Methylnaphthalene

Concen: 0.44 ng

RT: 12.28 min Scan# 705

Delta R.T. -0.01 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC0.4

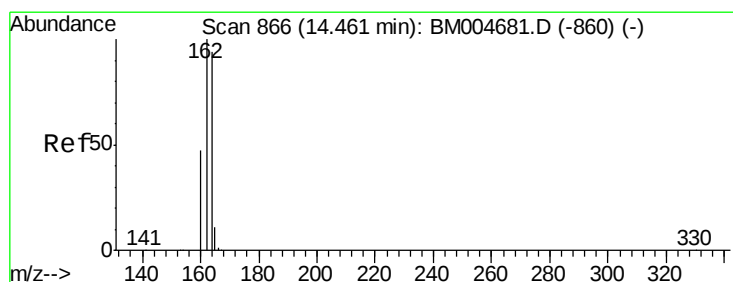
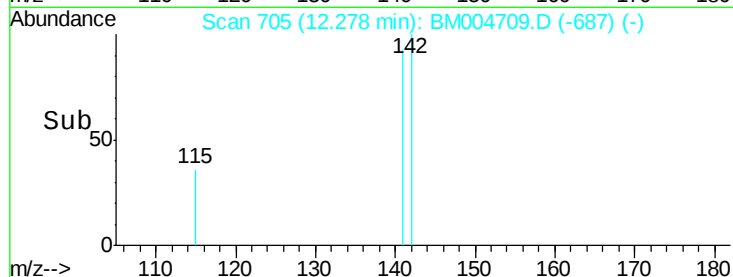
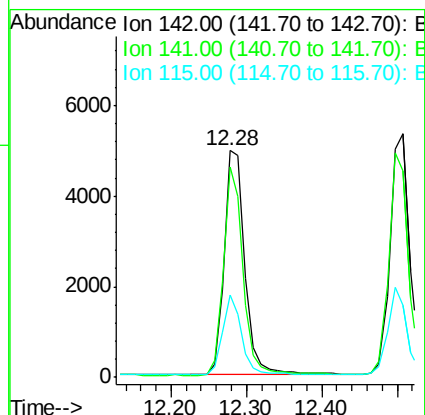
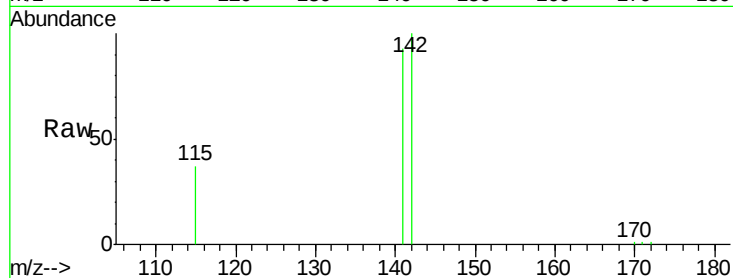
Tgt Ion:142 Resp: 9640

Ion Ratio Lower Upper

142 100

141 92.7 66.2 99.2

115 36.6 23.8 35.8#



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.46 min Scan# 866

Delta R.T. 0.00 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

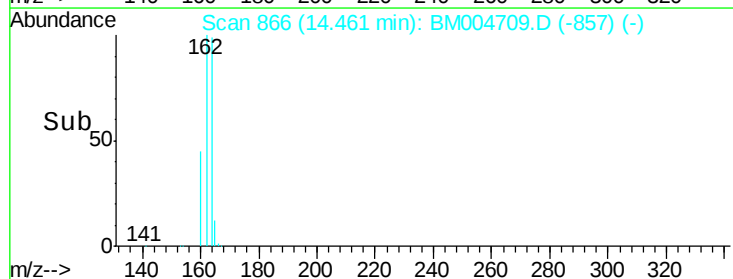
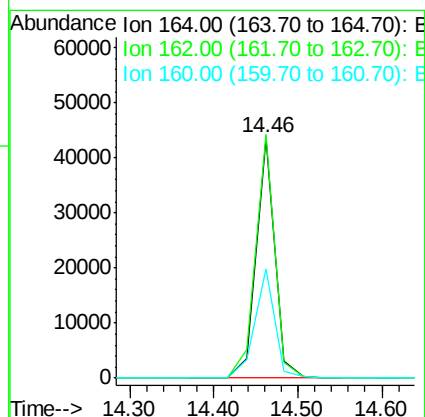
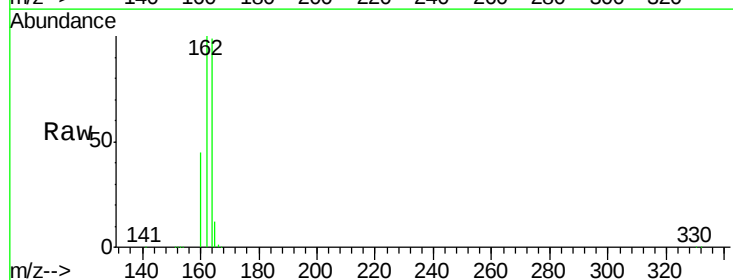
Tgt Ion:164 Resp: 67185

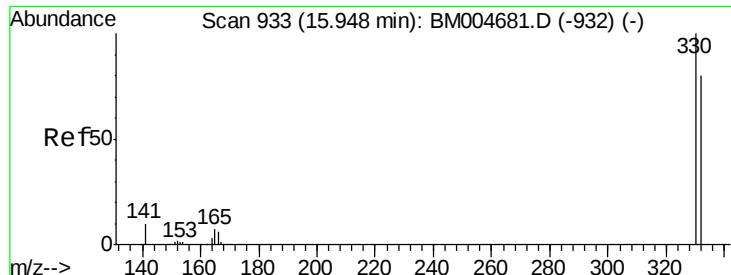
Ion Ratio Lower Upper

164 100

162 101.4 85.4 128.0

160 45.3 40.2 60.2

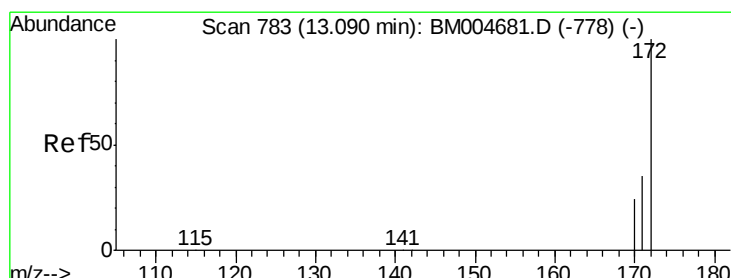
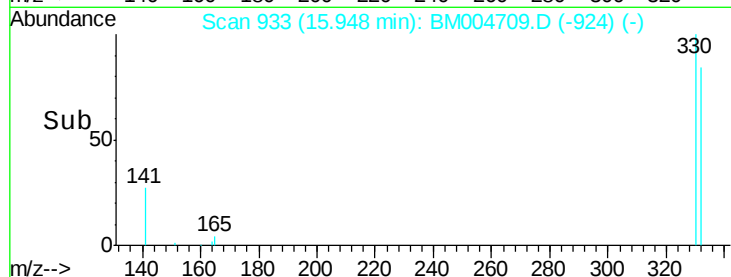
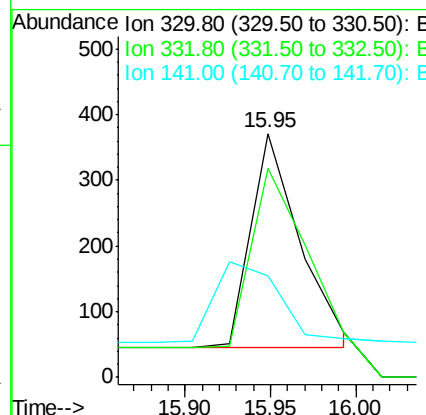
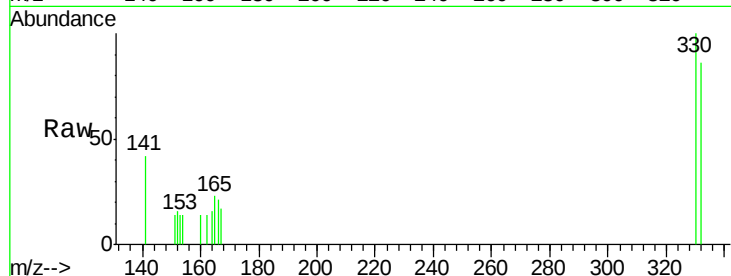




#11
 2,4,6-Tribromophenol
 Concen: 0.29 ng m
 RT: 15.95 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BM004709.D
 Acq: 20 Mar 2016 16:52

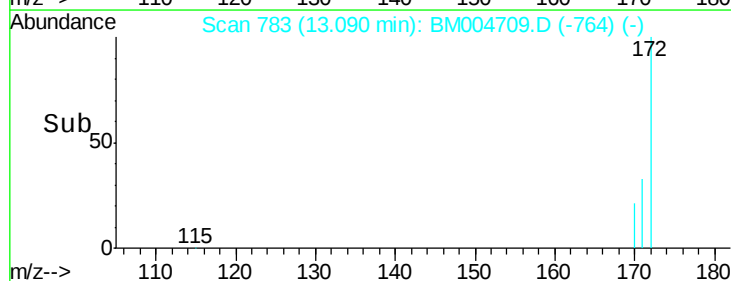
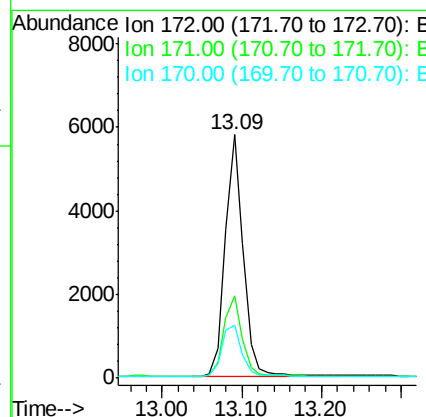
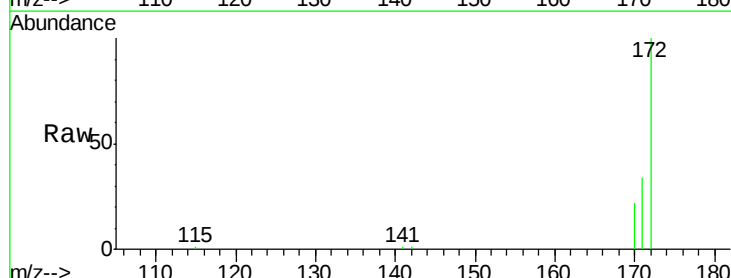
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC0.4

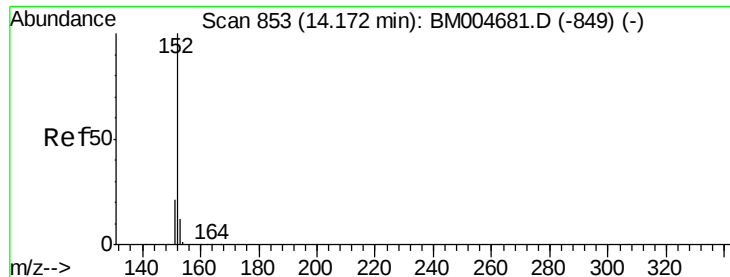
Tgt Ion:330 Resp: 653
 Ion Ratio Lower Upper
 330 100
 332 129.6 93.9 140.9
 141 0.0 42.2 63.2#



#12
 2-Fluorobiphenyl
 Concen: 0.47 ng
 RT: 13.09 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BM004709.D
 Acq: 20 Mar 2016 16:52

Tgt Ion:172 Resp: 9060
 Ion Ratio Lower Upper
 172 100
 171 33.6 28.2 42.2
 170 21.9 19.4 29.2





#13

Acenaphthylene

Concen: 0.39 ng

RT: 14.17 min Scan# 853

Delta R.T. 0.00 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC0.4

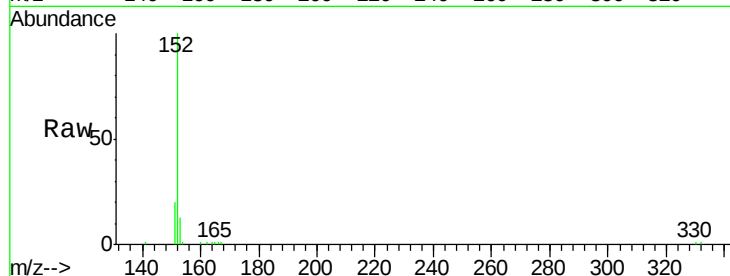
Tgt Ion:152 Resp: 13331

Ion Ratio Lower Upper

152 100

151 19.3 15.8 23.6

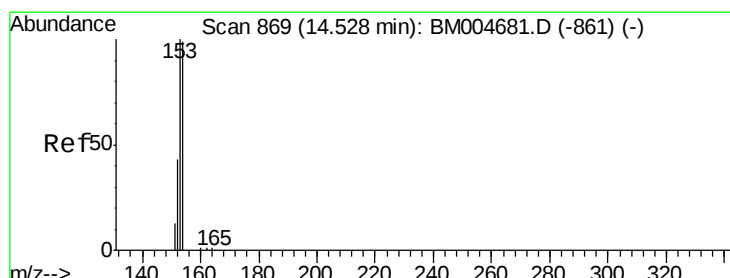
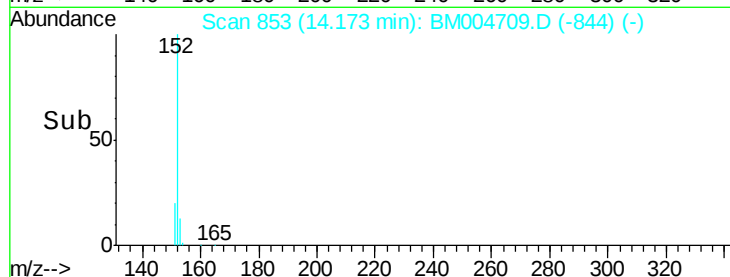
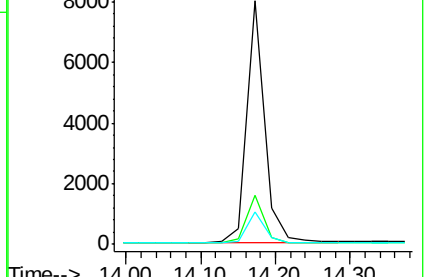
153 12.9 10.2 15.2



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



#14

Acenaphthene

Concen: 0.43 ng

RT: 14.53 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

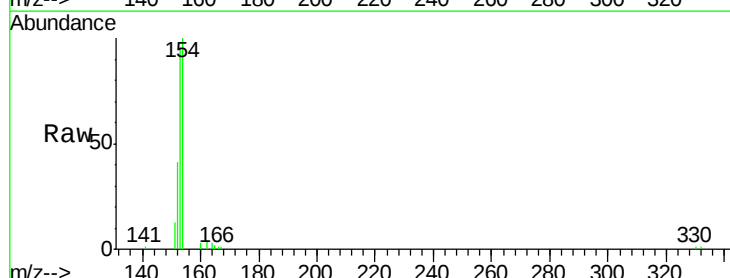
Tgt Ion:154 Resp: 9923

Ion Ratio Lower Upper

154 100

153 107.6 83.8 125.6

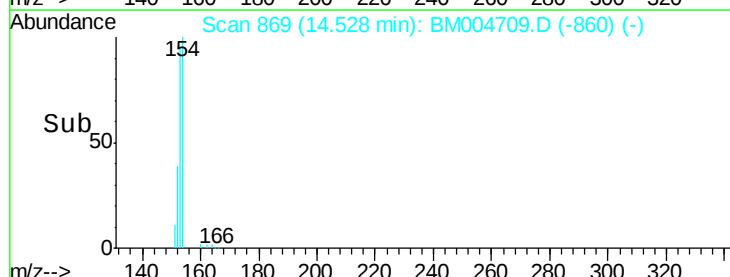
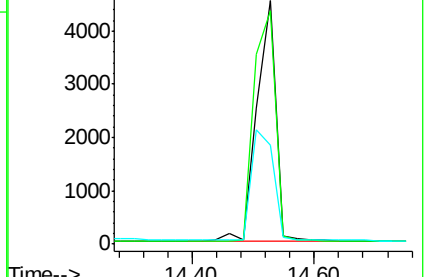
152 0.0 40.3 60.5

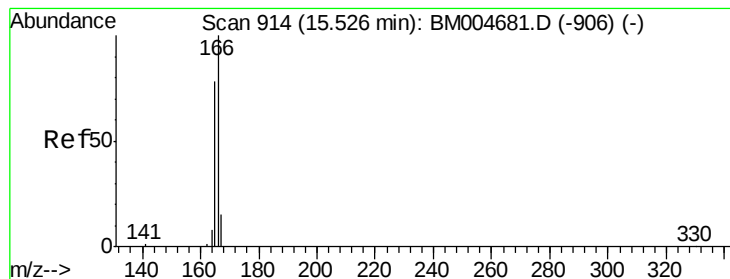


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#15

Fluorene

Concen: 0.43 ng

RT: 15.50 min Scan# 913

Delta R.T. -0.02 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC0.4

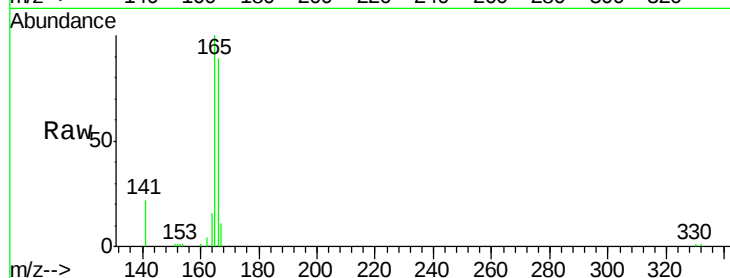
Tgt Ion:166 Resp: 11126

Ion Ratio Lower Upper

166 100

165 100.1 0.0 0.0#

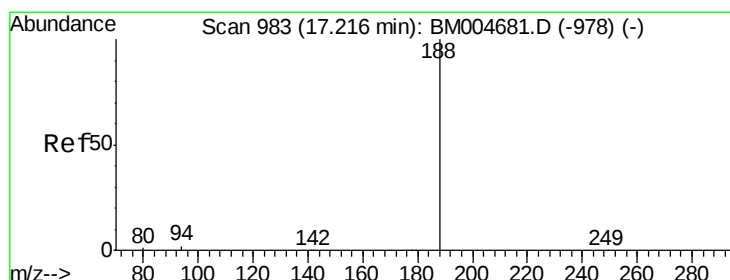
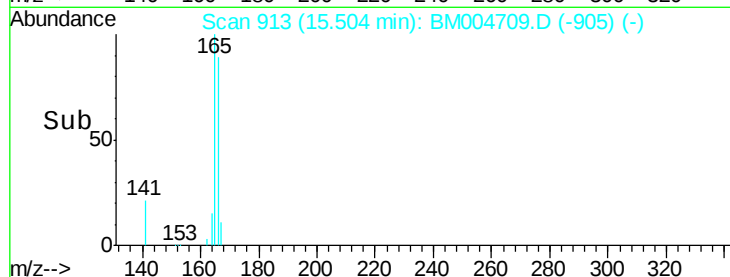
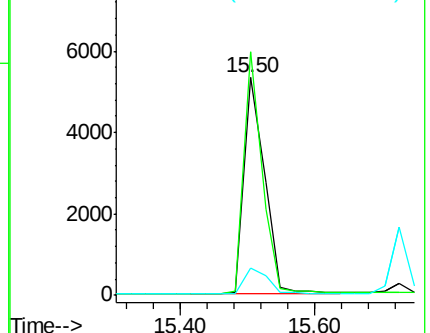
167 13.4 10.6 15.8



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



#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.19 min Scan# 982

Delta R.T. -0.03 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

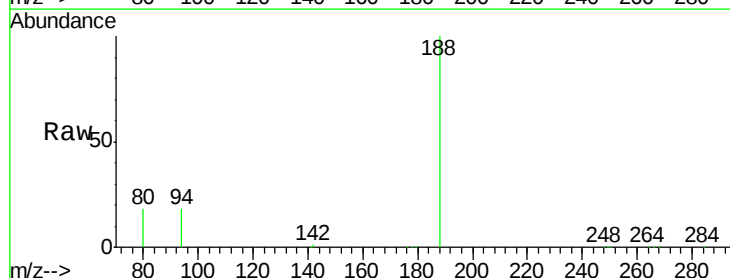
Tgt Ion:188 Resp: 124565

Ion Ratio Lower Upper

188 100

94 18.1 1.4 2.0#

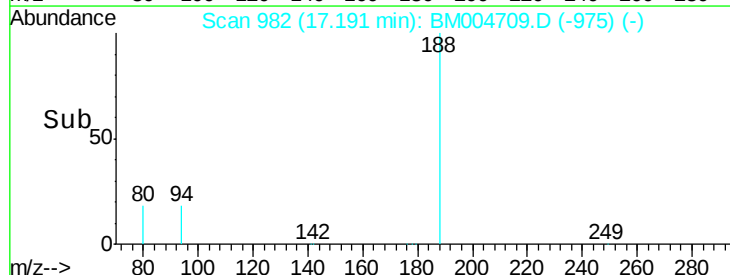
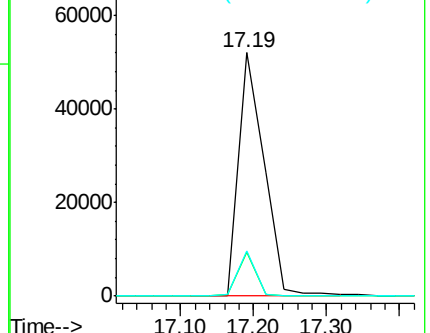
80 18.5 1.0 1.6#

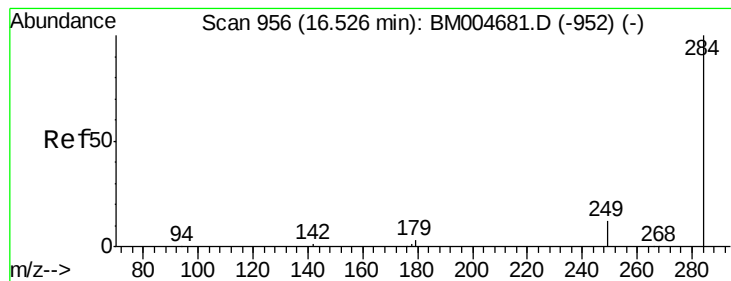


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#17

Hexachlorobenzene

Concen: 0.41 ng

RT: 16.53 min Scan# 956

Delta R.T. 0.00 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC0.4

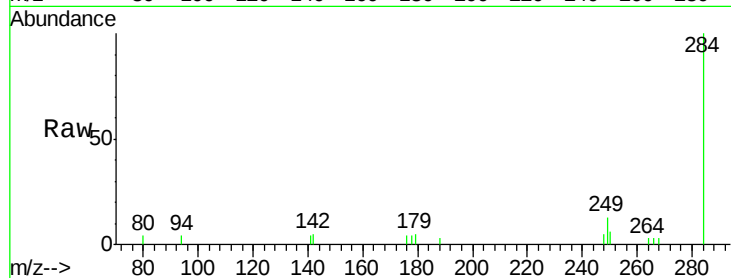
Tgt Ion:284 Resp: 3133

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

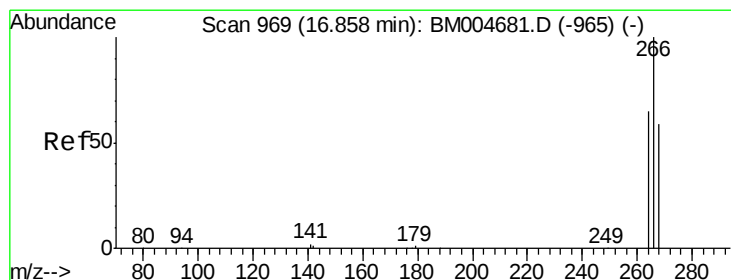
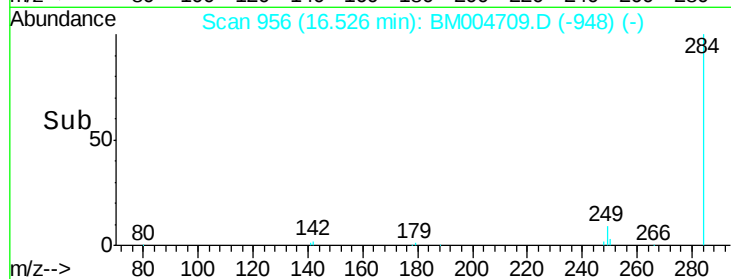
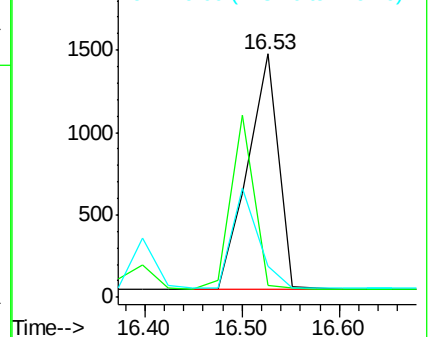
249 0.0 0.0 0.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#18

Pentachlorophenol

Concen: 0.32 ng

RT: 16.86 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

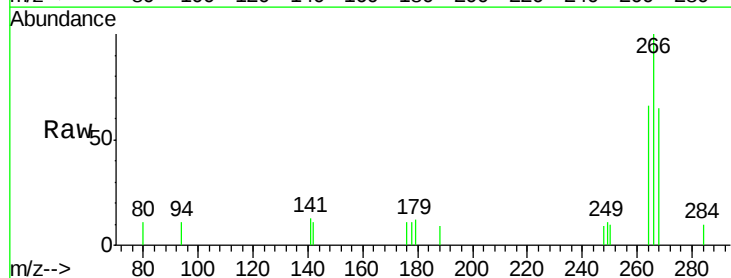
Tgt Ion:266 Resp: 946

Ion Ratio Lower Upper

266 100

268 64.7 49.1 73.7

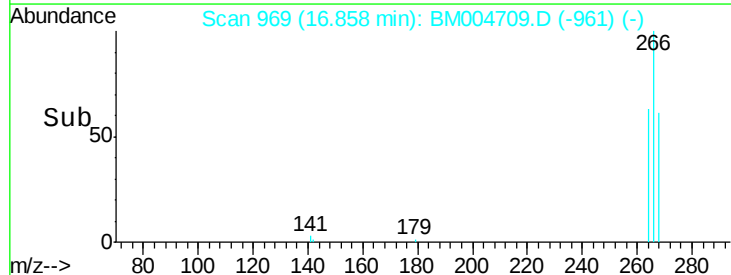
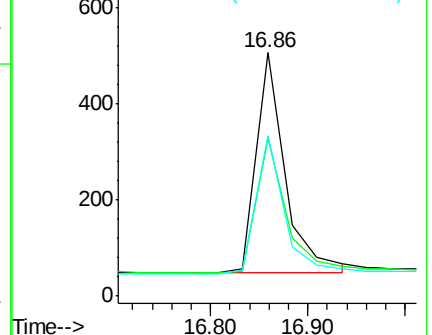
264 65.7 52.9 79.3

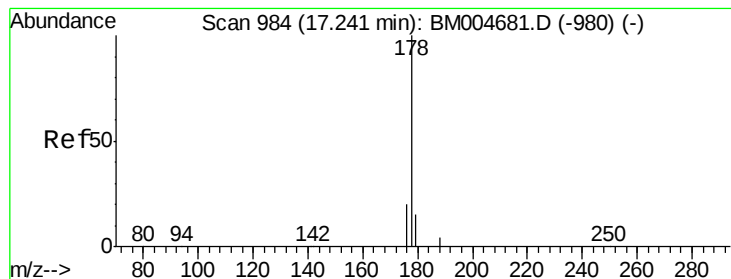


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#19

Phenanthrene

Concen: 0.46 ng

RT: 17.24 min Scan# 984

Delta R.T. 0.00 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC0.4

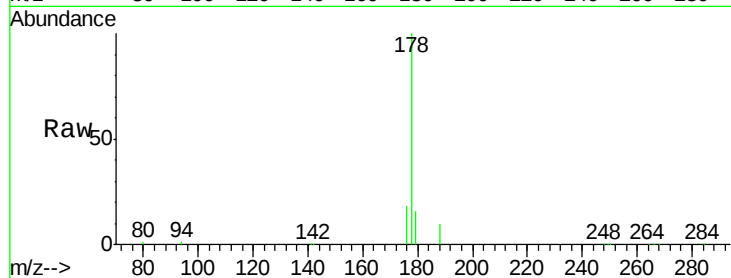
Tgt Ion:178 Resp: 23108

Ion Ratio Lower Upper

178 100

176 18.6 15.5 23.3

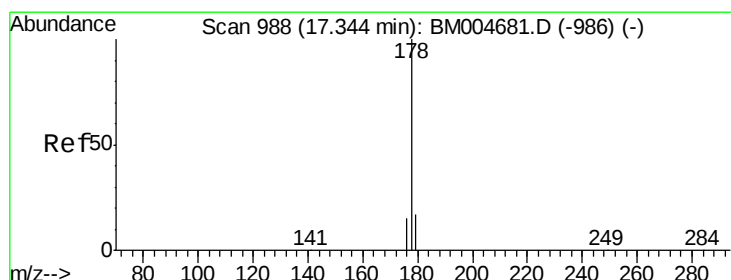
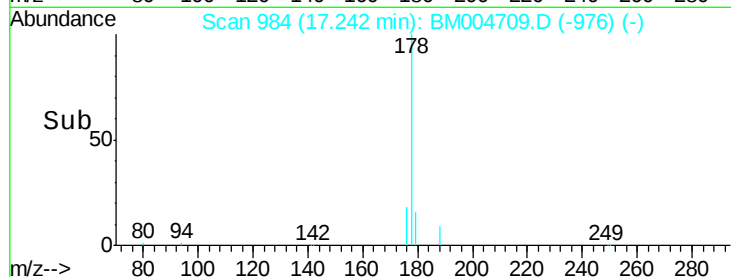
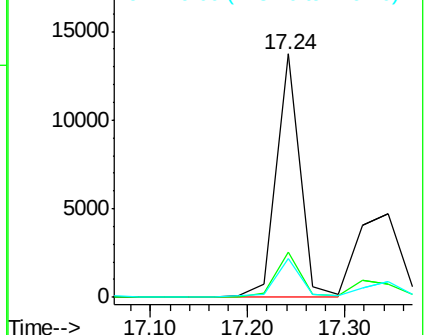
179 15.8 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#20

Anthracene

Concen: 0.39 ng m

RT: 17.34 min Scan# 988

Delta R.T. 0.00 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

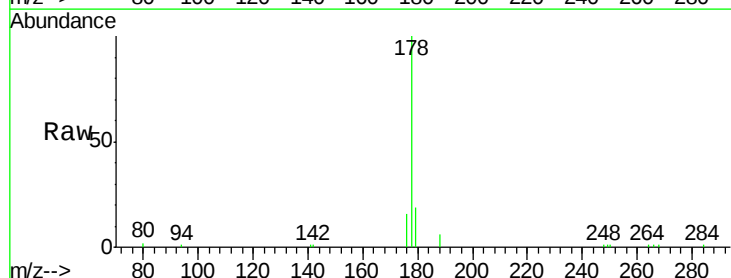
Tgt Ion:178 Resp: 13880

Ion Ratio Lower Upper

178 100

176 30.9 14.5 21.7#

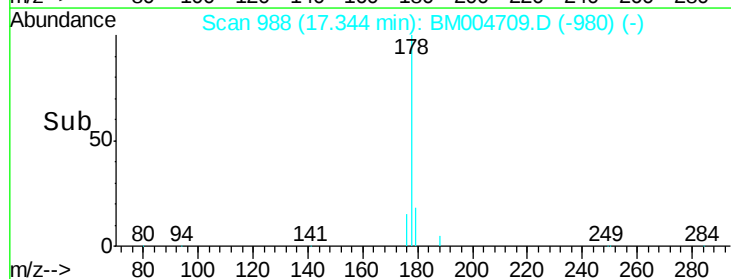
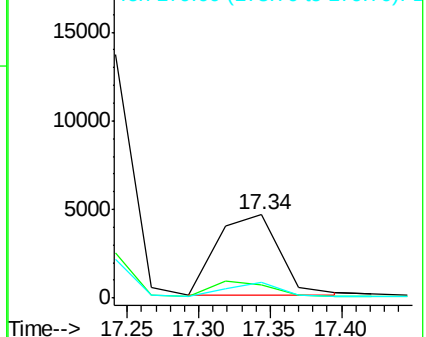
179 26.2 12.6 18.8#

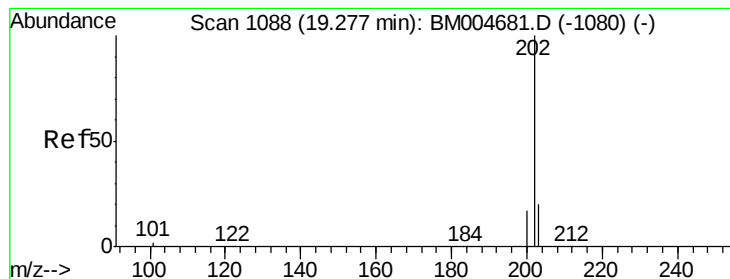


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#21

Fluoranthene

Concen: 0.41 ng

RT: 19.26 min Scan# 1087

Delta R.T. -0.02 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC0.4

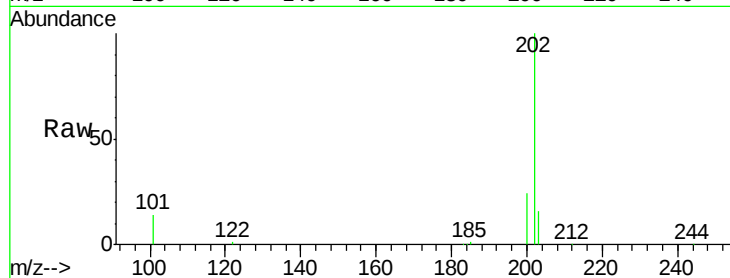
Tgt Ion:202 Resp: 19408

Ion Ratio Lower Upper

202 100

101 11.1 8.7 13.1

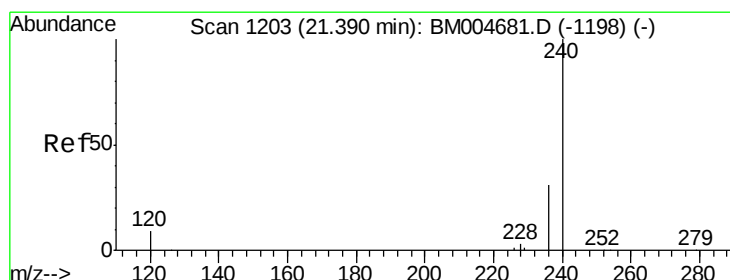
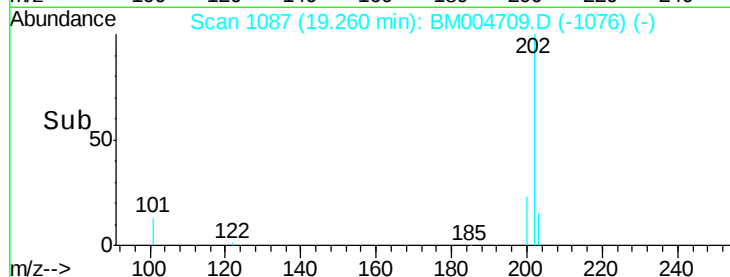
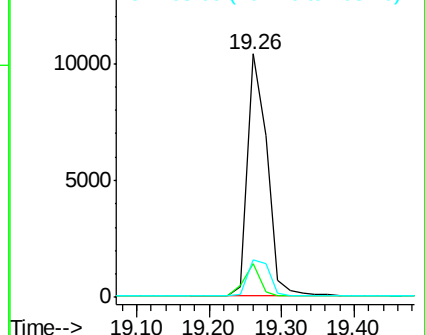
203 17.5 14.1 21.1



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



#22

Chrysene-d12

Concen: 5.00 ng

RT: 21.39 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

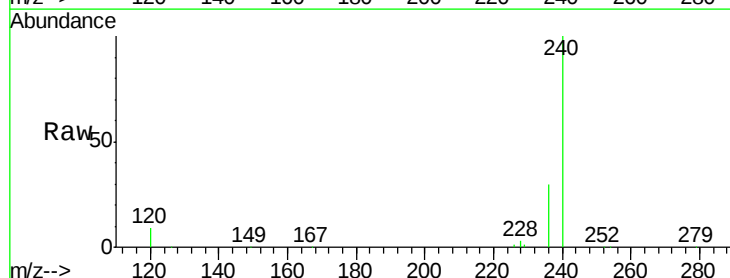
Tgt Ion:240 Resp: 140905

Ion Ratio Lower Upper

240 100

120 8.9 7.4 11.2

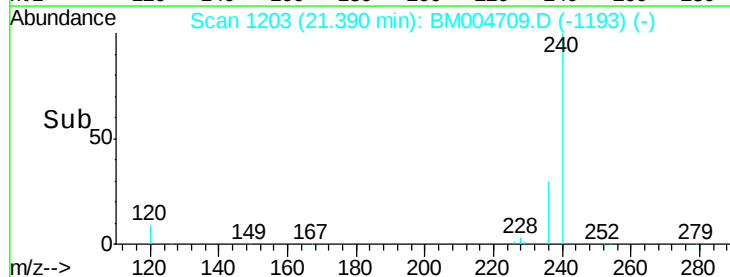
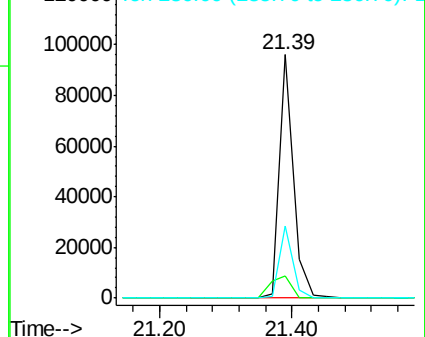
236 29.8 24.5 36.7

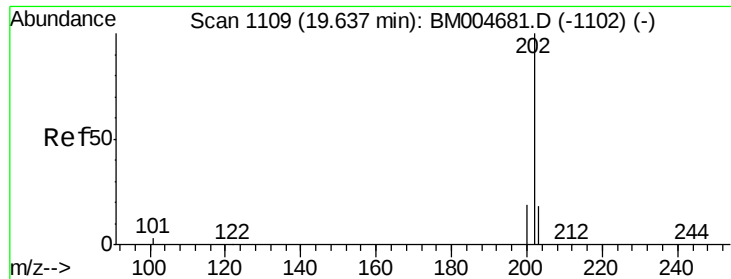


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

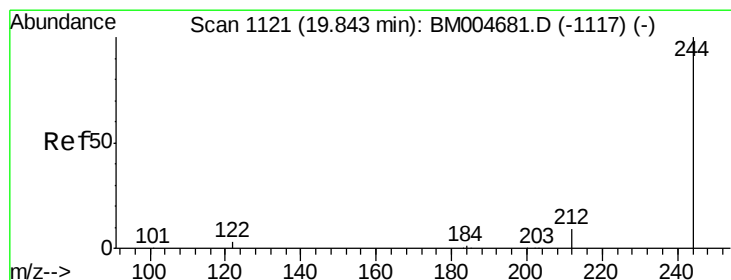
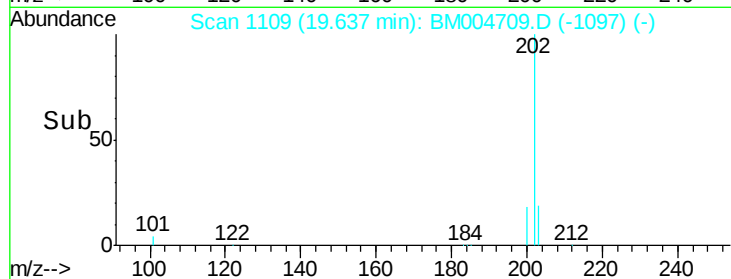
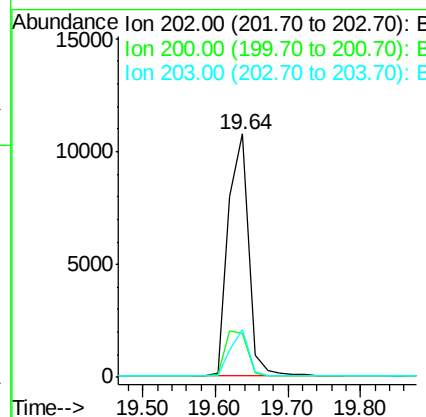
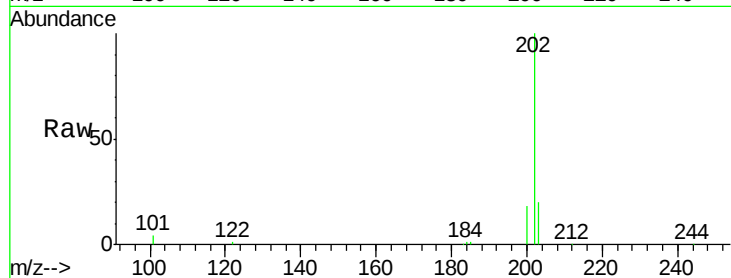




#23
Pyrene
Concen: 0.40 ng
RT: 19.64 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BM004709.D
Acq: 20 Mar 2016 16:52

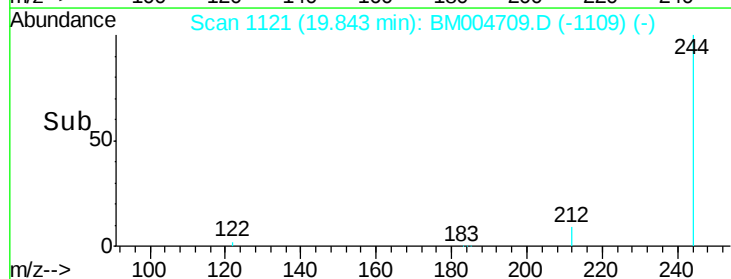
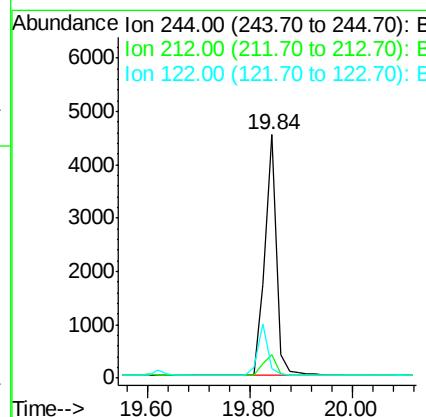
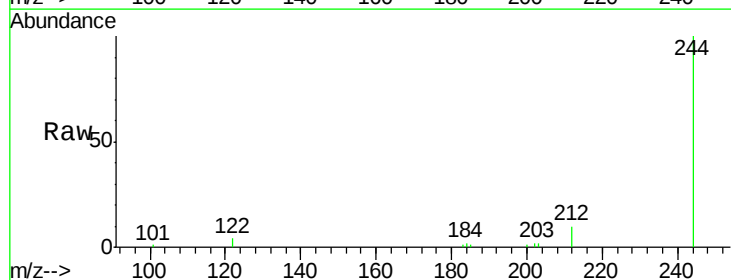
Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4

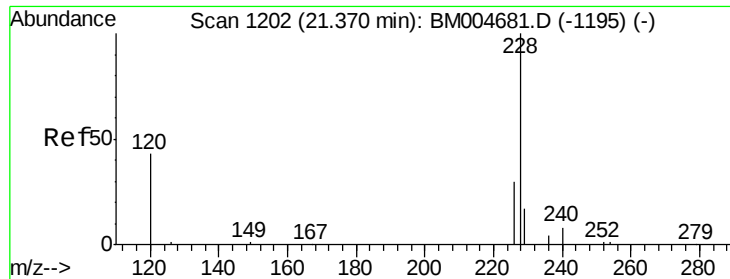
Tgt Ion: 202 Resp: 20940
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.4 13.9 20.9



#24
Terphenyl-d14
Concen: 0.40 ng
RT: 19.84 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BM004709.D
Acq: 20 Mar 2016 16:52

Tgt Ion: 244 Resp: 7094
Ion Ratio Lower Upper
244 100
212 9.7 7.7 11.5
122 4.0 3.4 5.0





#25

Benzo(a)anthracene

Concen: 0.33 ng

RT: 21.37 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC0.4

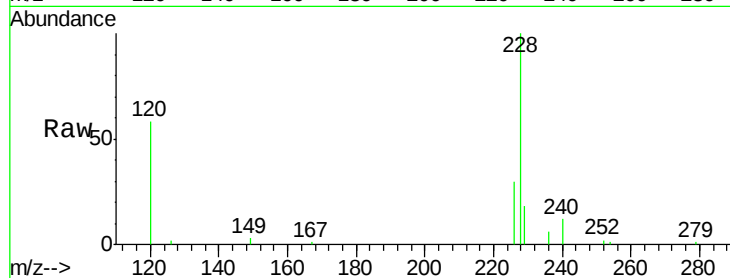
Tgt Ion:228 Resp: 18764

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.2

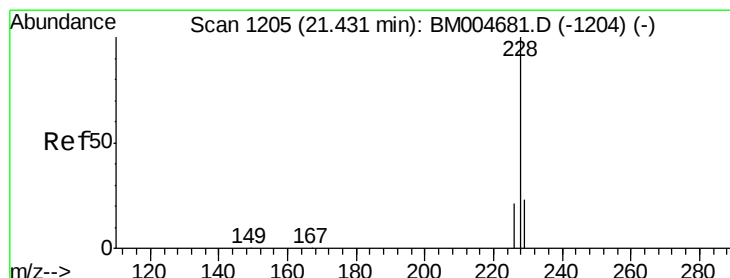
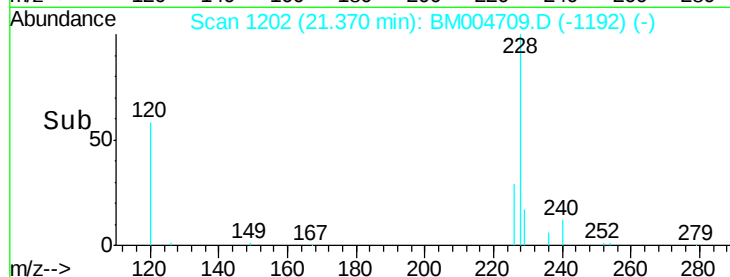
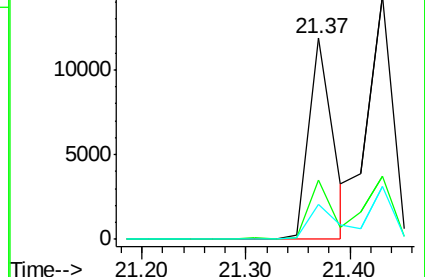
229 17.6 14.2 21.2



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



#26

Chrysene

Concen: 0.55 ng m

RT: 21.43 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

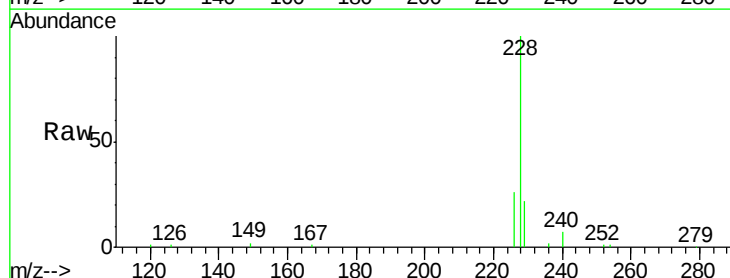
Tgt Ion:228 Resp: 22899

Ion Ratio Lower Upper

228 100

226 26.0 20.9 31.3

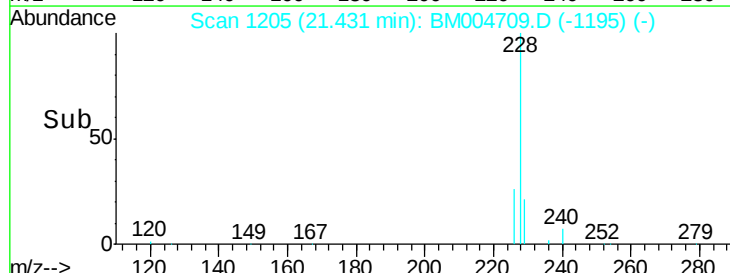
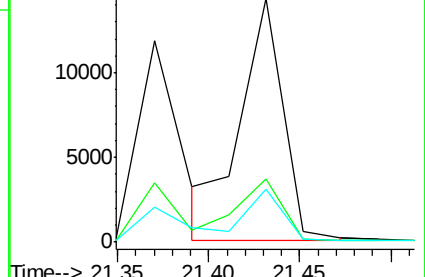
229 21.5 17.4 26.2

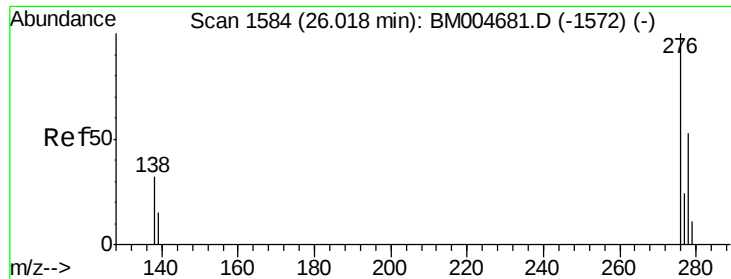


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.39 ng

RT: 26.02 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC0.4

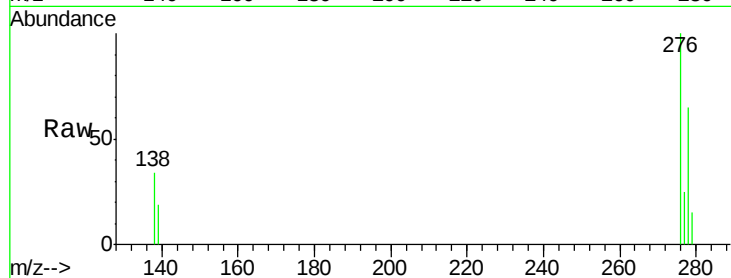
Tgt Ion:276 Resp: 18467

Ion Ratio Lower Upper

276 100

138 33.9 25.9 38.9

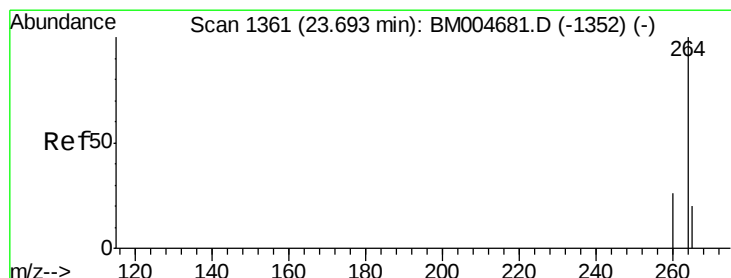
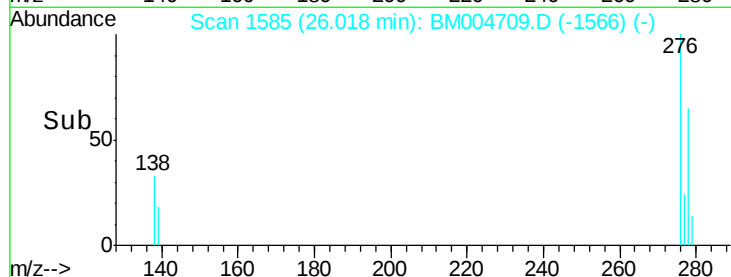
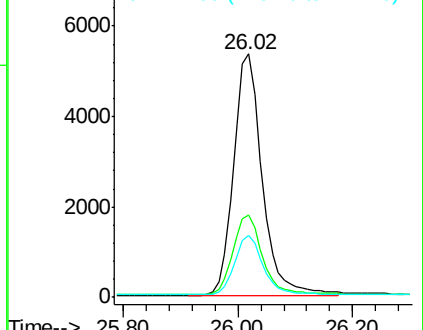
277 24.5 19.8 29.6



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



#28

Perylene-d12

Concen: 5.00 ng

RT: 23.69 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

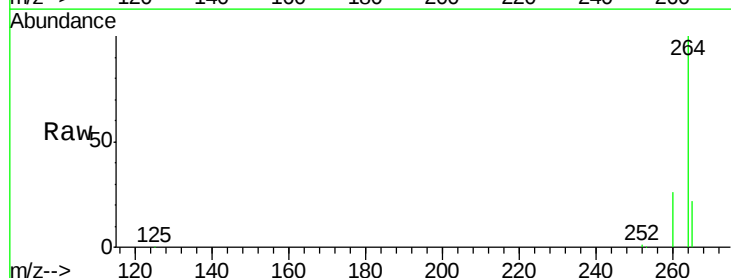
Tgt Ion:264 Resp: 120118

Ion Ratio Lower Upper

264 100

260 25.9 21.0 31.4

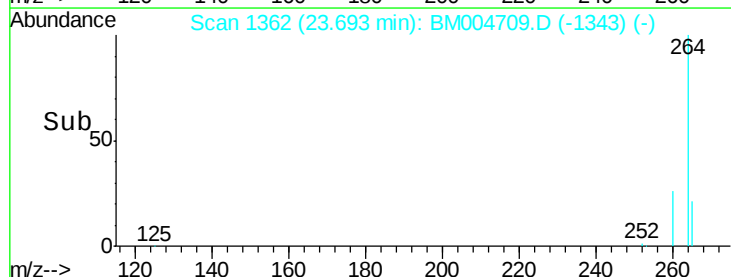
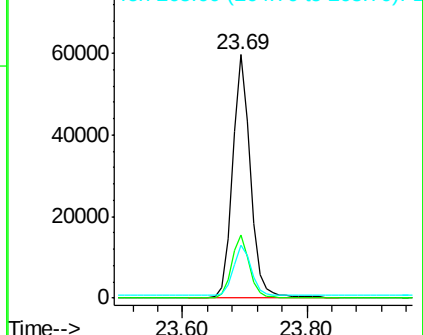
265 21.9 17.5 26.3

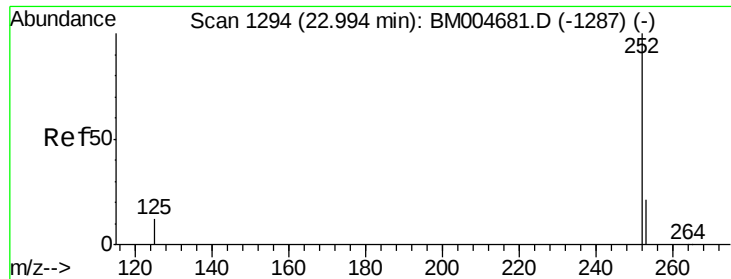


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#29

Benzo(b)fluoranthene

Concen: 0.42 ng

RT: 23.00 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC0.4

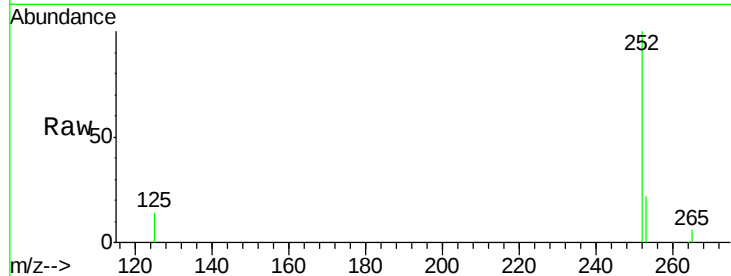
Tgt Ion:252 Resp: 18441

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

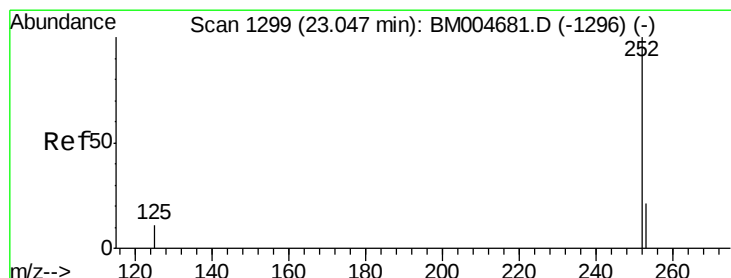
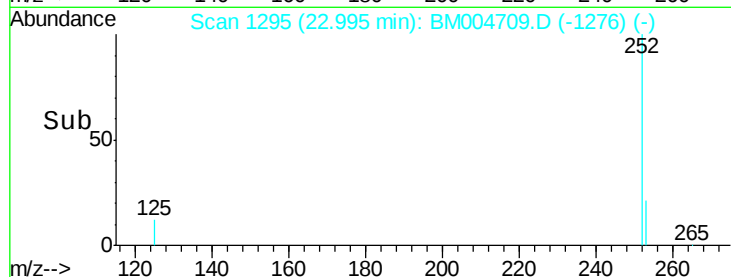
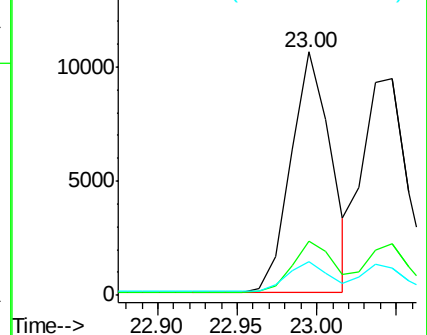
125 13.6 11.4 17.0



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



#30

Benzo(k)fluoranthene

Concen: 0.44 ng

RT: 23.05 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

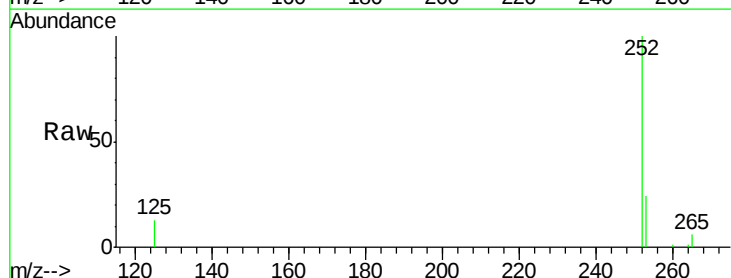
Tgt Ion:252 Resp: 18984

Ion Ratio Lower Upper

252 100

253 23.9 19.3 28.9

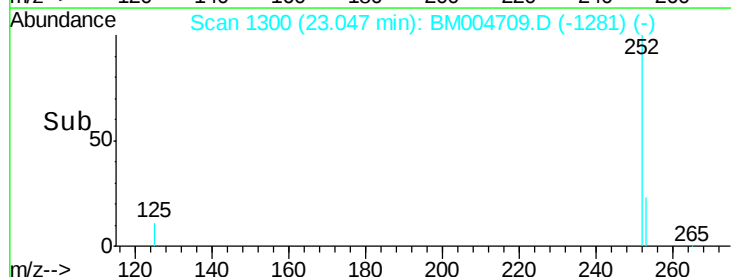
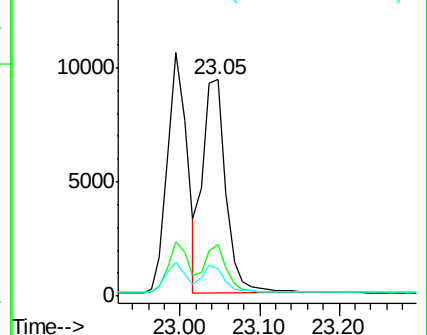
125 12.9 10.6 15.8

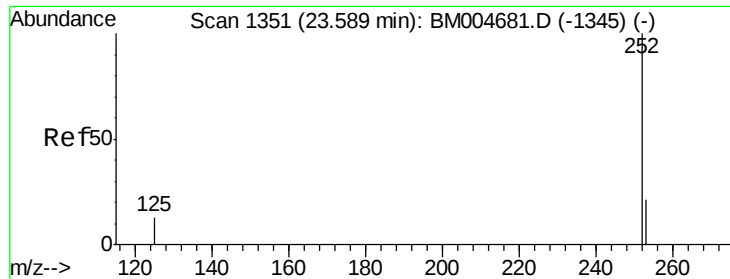


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#31

Benzo(a)pyrene

Concen: 0.38 ng

RT: 23.59 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC0.4

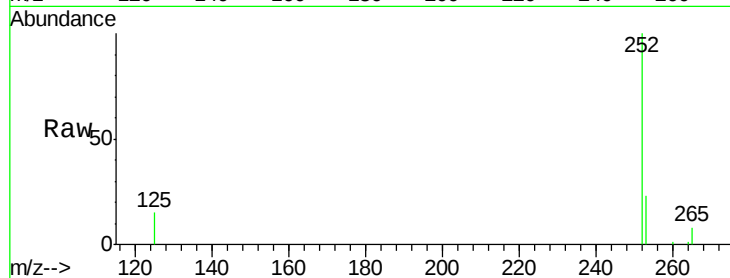
Tgt Ion:252 Resp: 15771

Ion Ratio Lower Upper

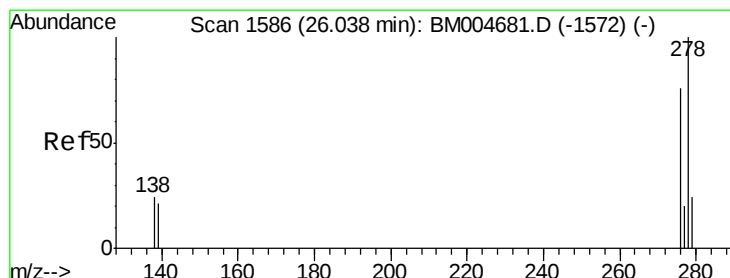
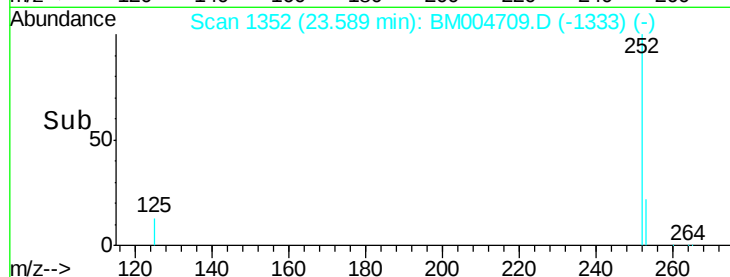
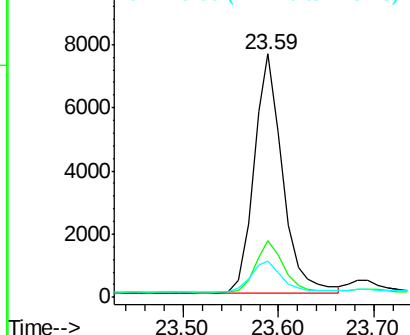
252 100

253 23.2 18.6 28.0

125 15.1 12.3 18.5



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



#32

Dibenzo(a,h)anthracene

Concen: 0.40 ng

RT: 26.03 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BM004709.D

Acq: 20 Mar 2016 16:52

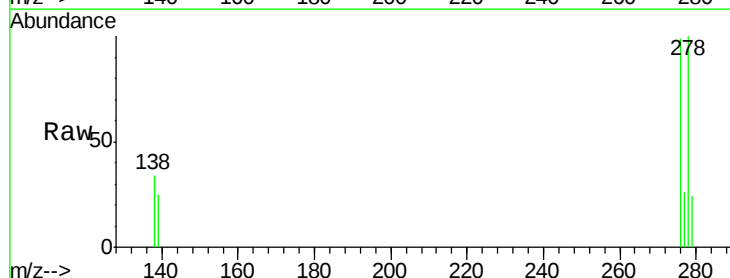
Tgt Ion:278 Resp: 14692

Ion Ratio Lower Upper

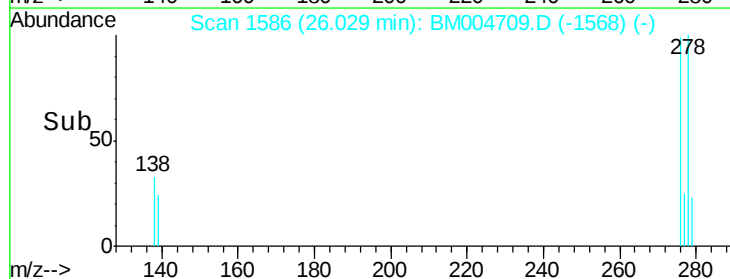
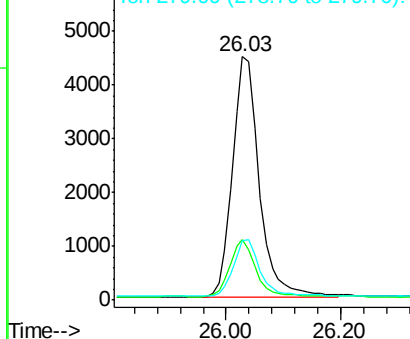
278 100

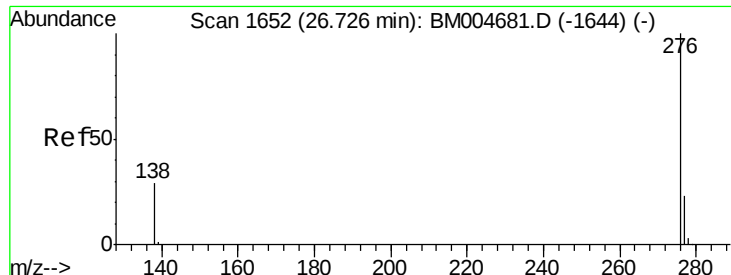
139 24.7 17.6 26.4

279 24.2 19.9 29.9



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





#33

Benzo(g,h,i)perylene

Concen: 0.42 ng

RT: 26.73 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BM004709.D

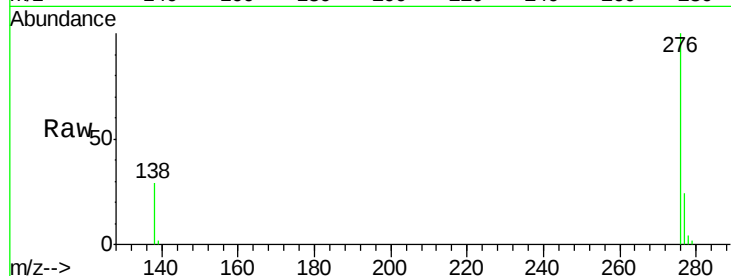
Acq: 20 Mar 2016 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 16205

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 29.2 24.5 36.7

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

