

Data Path : Z:\HPCHEM1\BNA_M\Data\BM051615\
 Data File : BM001294.D
 Acq On : 14 May 2015 16:06
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

Quant Time: May 15 05:26:32 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 05:24:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	14192	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	50002	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	26358	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	65885	5.00	ng	0.00
24) Chrysene-d12	21.08	240	46696	5.00	ng	0.00
30) Perylene-d12	23.18	264	43618	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	2609	0.94	ng	0.00
5) Phenol-d6	6.63	99	2934	0.94	ng	0.00
7) Nitrobenzene-d5	8.60	82	2529	0.90	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	650	0.80	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	7767	0.95	ng	0.00
26) Terphenyl-d14	19.51	244	5646	0.90	ng	-0.01

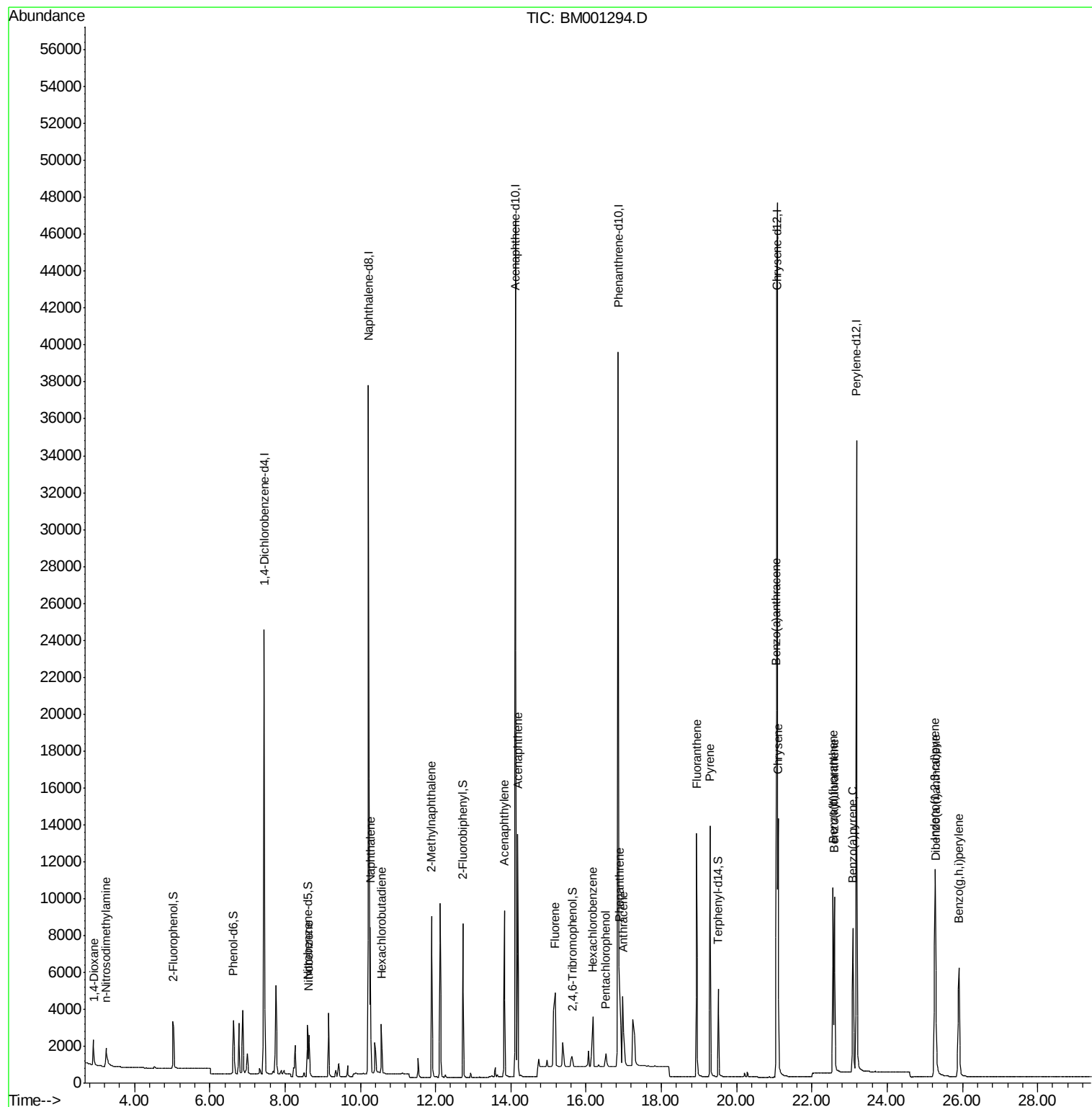
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.92	88	1610	0.83	ng	# 83
3) n-Nitrosodimethylamine	3.24	42	1592	0.99	ng	# 88
8) Nitrobenzene	8.64	77	2583	0.88	ng	98
9) Naphthalene	10.27	128	10413	0.98	ng	99
10) Hexachlorobutadiene	10.56	225	2005	0.96	ng	99
11) 2-Methylnaphthalene	11.90	142	6558	0.95	ng	97
15) Acenaphthylene	13.83	152	10235	0.94	ng	100
16) Acenaphthene	14.18	154	6564	0.95	ng	99
17) Fluorene	15.17	166	5364	0.85	ng	93
19) Hexachlorobenzene	16.18	284	3634	0.86	ng	# 97
20) Pentachlorophenol	16.52	266	566	0.85	ng	99
21) Phenanthrene	16.88	178	8559	0.85	ng	# 98
22) Anthracene	16.98	178	8120	0.83	ng	# 98
23) Fluoranthene	18.93	202	12794	0.81	ng	100
25) Pyrene	19.30	202	13270	0.92	ng	100
27) Benzo(a)anthracene	21.06	228	11470	0.91	ng	100
28) Chrysene	21.11	228	12207	0.95	ng	99
29) Indeno(1,2,3-cd)pyrene	25.27	276	13326	1.02	ng	99
31) Benzo(b)fluoranthene	22.56	252	11860	0.93	ng	99
32) Benzo(k)fluoranthene	22.60	252	11288	0.93	ng	100
33) Benzo(a)pyrene	23.09	252	10383	0.94	ng	100
34) Dibenzo(a,h)anthracene	25.29	278	10333	0.99	ng	99
35) Benzo(g,h,i)perylene	25.90	276	11318	0.99	ng	97

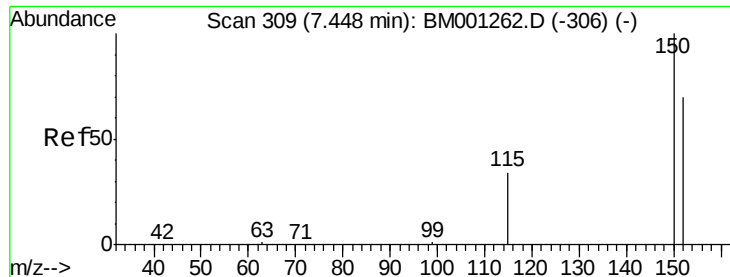
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.45 min Scan# 309

Delta R.T. -0.00 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

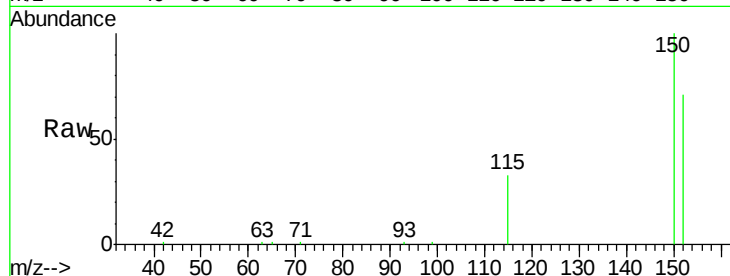
Tgt Ion:152 Resp: 14192

Ion Ratio Lower Upper

152 100

150 140.6 114.6 172.0

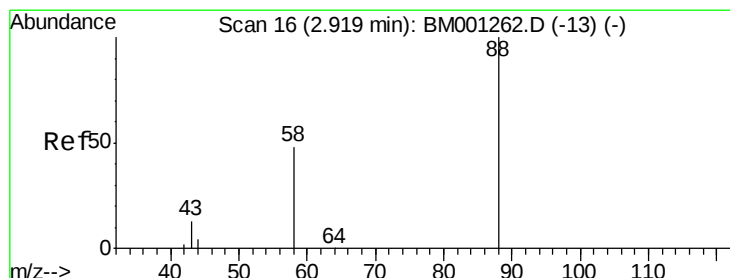
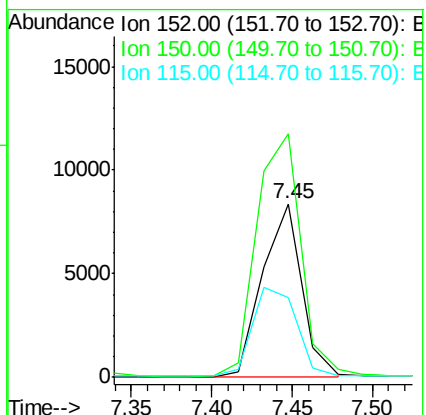
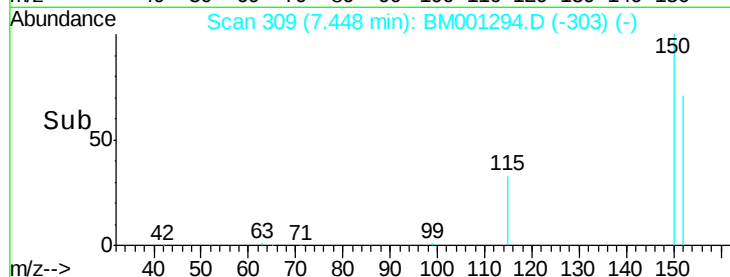
115 46.3 39.3 58.9



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: 0.83 ng

RT: 2.92 min Scan# 16

Delta R.T. 0.00 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

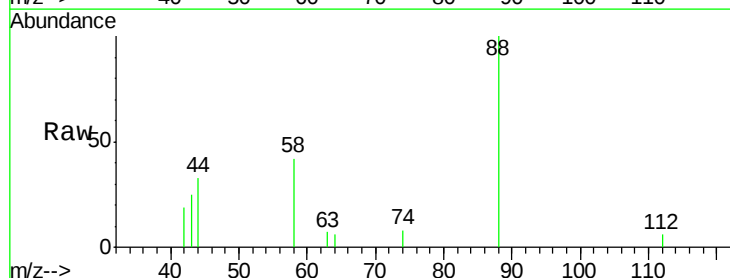
Tgt Ion: 88 Resp: 1610

Ion Ratio Lower Upper

88 100

58 60.1 39.0 58.6#

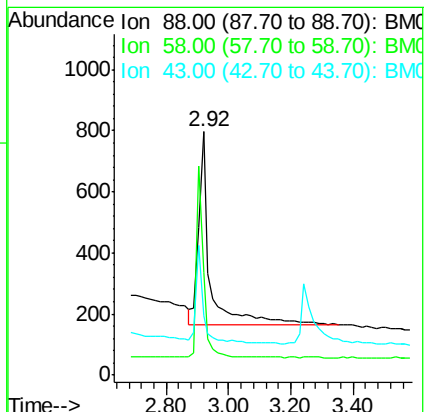
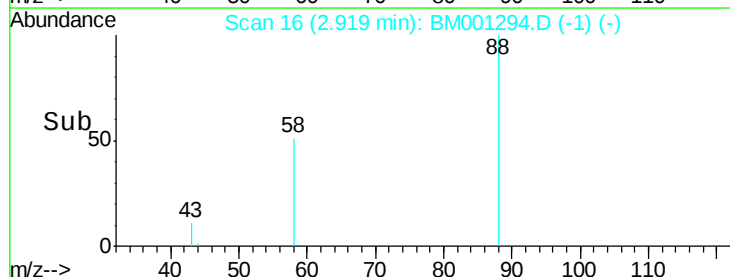
43 33.4 20.2 30.2#

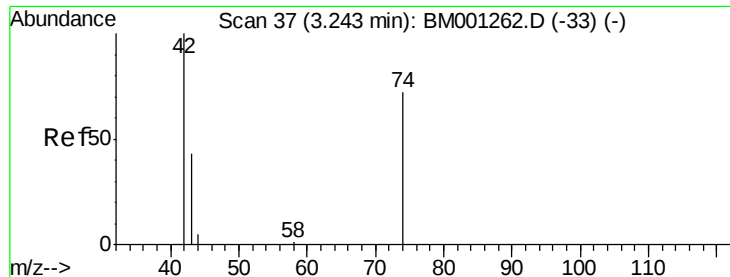


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.99 ng

RT: 3.24 min Scan# 37

Delta R.T. -0.00 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

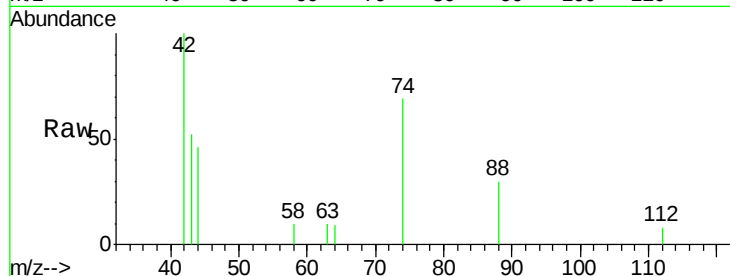
Tgt Ion: 42 Resp: 1592

Ion Ratio Lower Upper

42 100

74 90.3 82.1 123.1

44 7.5 3.0 4.4#

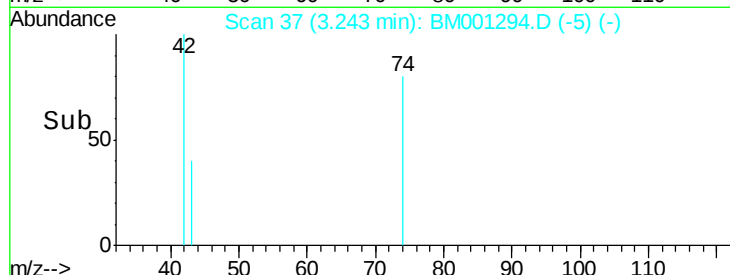


Abundance Ion 42.00 (41.70 to 42.70): BM001262.D (-33) (-)

Ion 74.00 (73.70 to 74.70): BM001262.D (-33) (-)

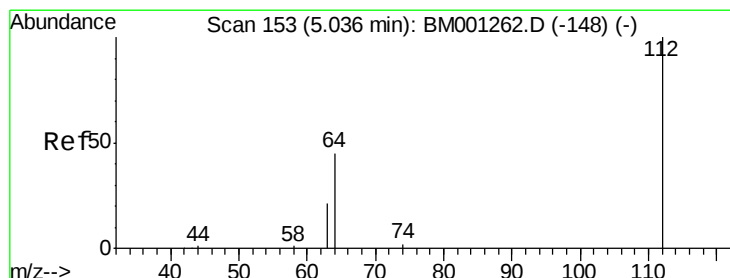
Ion 44.00 (43.70 to 44.70): BM001262.D (-33) (-)

Time-->



3.24

Time-->



#4

2-Fluorophenol

Concen: 0.94 ng

RT: 5.04 min Scan# 153

Delta R.T. -0.00 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

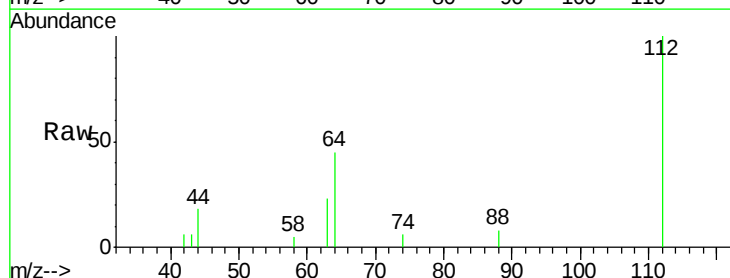
Tgt Ion: 112 Resp: 2609

Ion Ratio Lower Upper

112 100

64 63.9 50.8 76.2

63 36.3 28.2 42.4

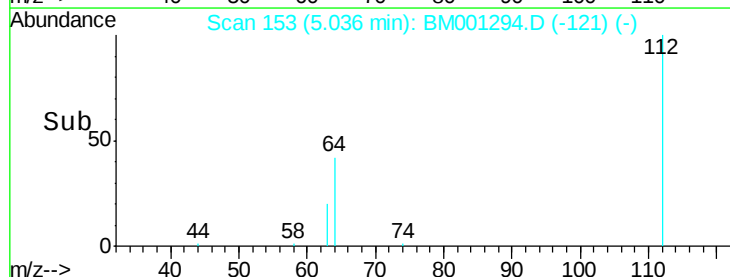


Abundance Ion 112.00 (111.70 to 112.70): BM001262.D (-148) (-)

Ion 64.00 (63.70 to 64.70): BM001262.D (-148) (-)

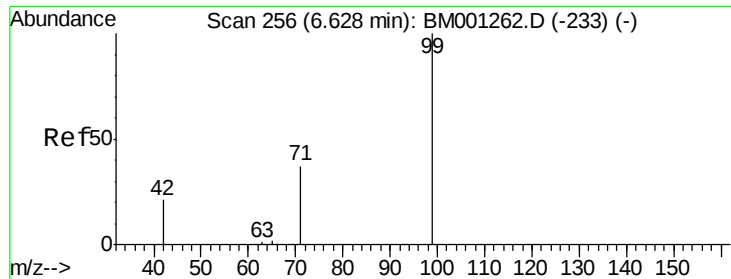
Ion 63.00 (62.70 to 63.70): BM001262.D (-148) (-)

Time-->



5.04

Time-->



#5

Phenol-d6

Concen: 0.94 ng

RT: 6.63 min Scan# 256

Delta R.T. -0.00 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

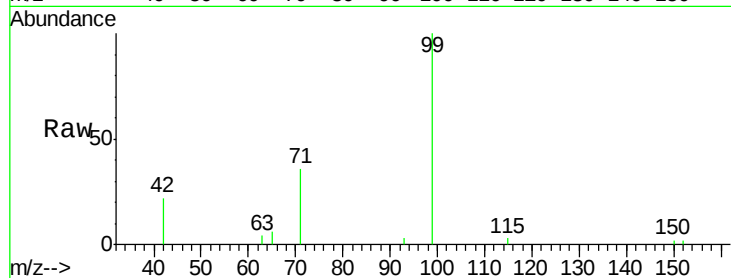
Tgt Ion: 99 Resp: 2934

Ion Ratio Lower Upper

99 100

42 25.1 19.9 29.9

71 34.8 28.0 42.0

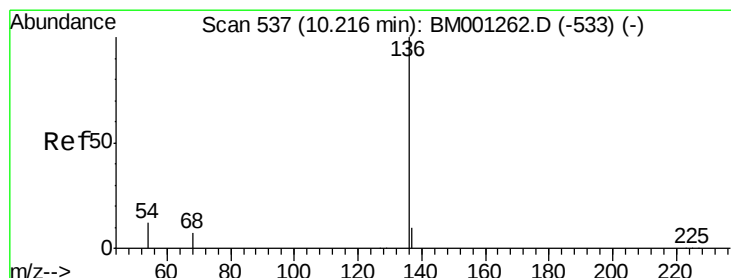
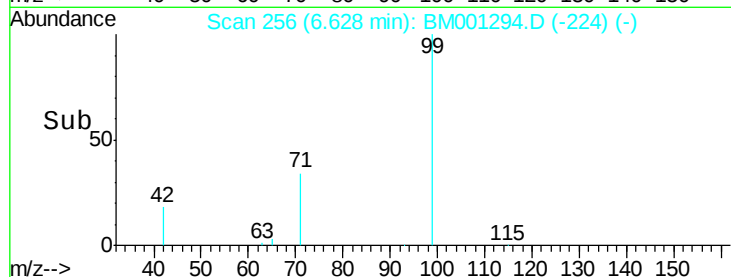


Abundance Ion 99.00 (98.70 to 99.70): BM001262.D (-233) (-)

Ion 42.00 (41.70 to 42.70): BM001262.D (-233) (-)

Ion 71.00 (70.70 to 71.70): BM001262.D (-233) (-)

Time-->



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

Tgt Ion: 136 Resp: 50002

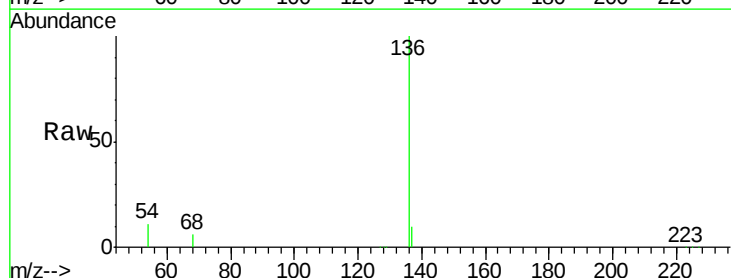
Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.4

54 11.0 9.5 14.3

68 6.5 5.5 8.3



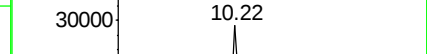
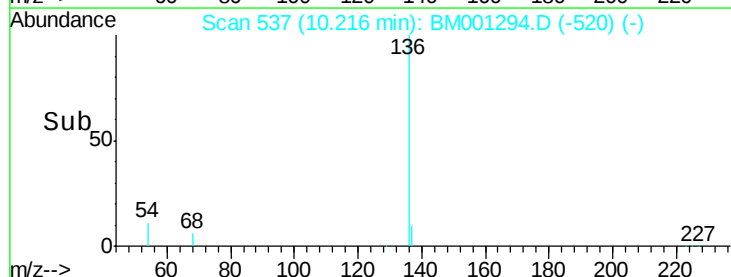
Abundance Ion 136.00 (135.70 to 136.70): BM001262.D (-533) (-)

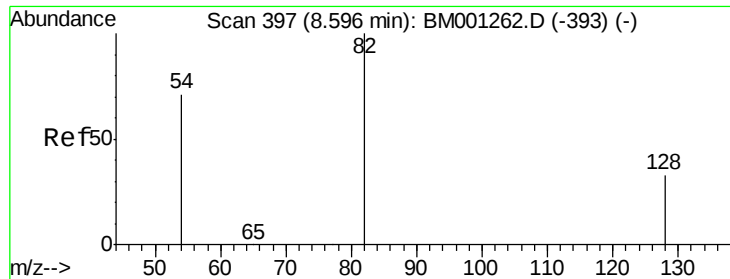
Ion 137.00 (136.70 to 137.70): BM001262.D (-533) (-)

Ion 54.00 (53.70 to 54.70): BM001262.D (-533) (-)

Ion 68.00 (67.70 to 68.70): BM001262.D (-533) (-)

Time-->





#7

Nitrobenzene-d5

Concen: 0.90 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

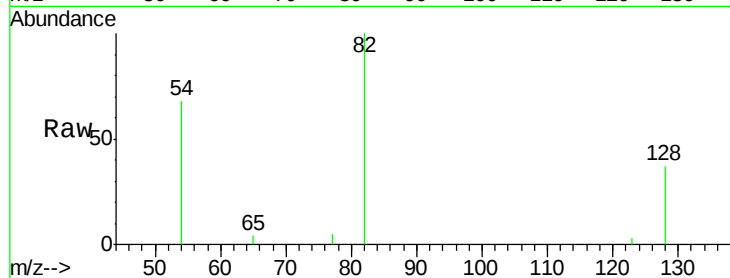
Tgt Ion: 82 Resp: 2529

Ion Ratio Lower Upper

82 100

128 37.2 28.0 42.0

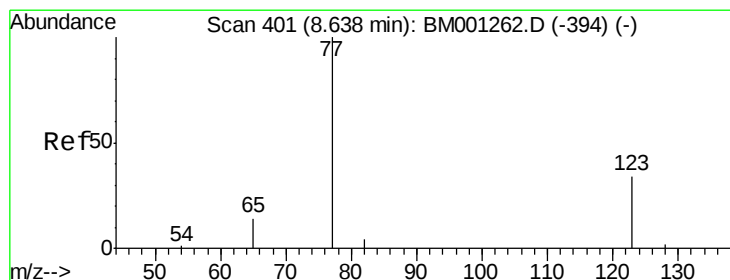
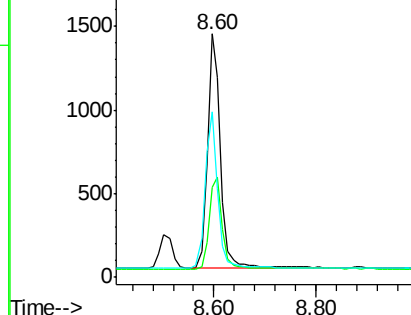
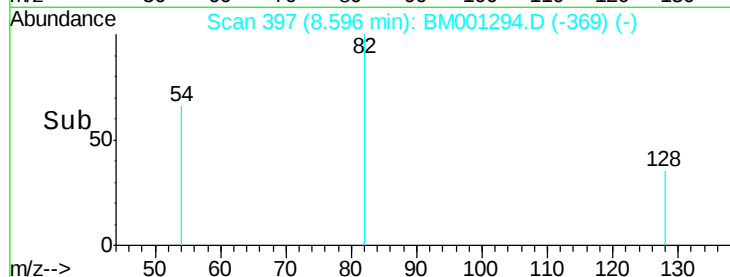
54 67.8 57.3 85.9



Abundance Ion 82.00 (81.70 to 82.70): BM001294.D (-369) (-)

Ion 128.00 (127.70 to 128.70): BM001294.D (-369) (-)

Ion 54.00 (53.70 to 54.70): BM001294.D (-369) (-)



#8

Nitrobenzene

Concen: 0.88 ng

RT: 8.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

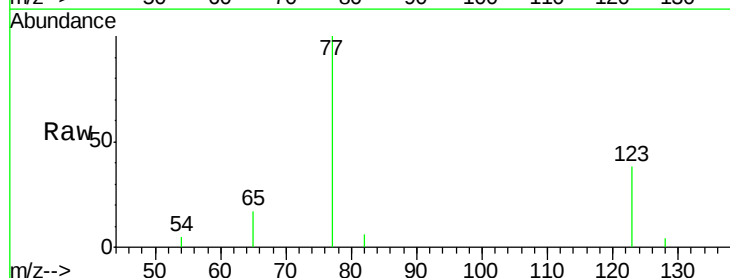
Tgt Ion: 77 Resp: 2583

Ion Ratio Lower Upper

77 100

123 42.9 33.4 50.2

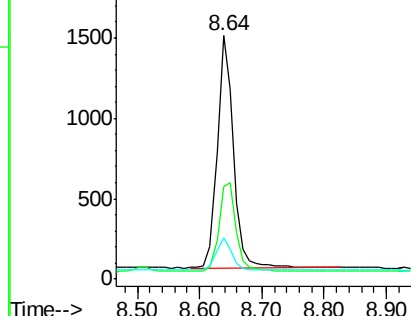
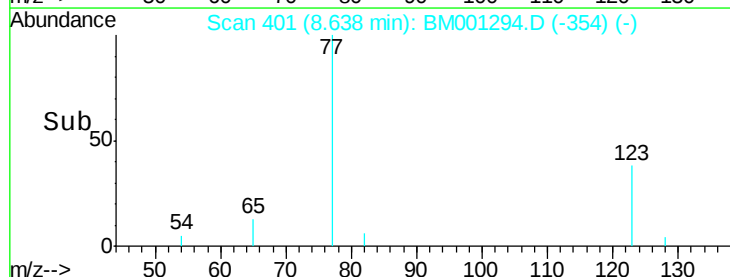
65 13.7 10.6 15.8

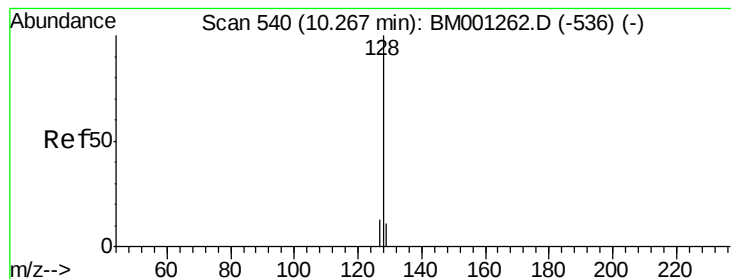


Abundance Ion 77.00 (76.70 to 77.70): BM001294.D (-354) (-)

Ion 123.00 (122.70 to 123.70): BM001294.D (-354) (-)

Ion 65.00 (64.70 to 65.70): BM001294.D (-354) (-)





#9

Naphthalene

Concen: 0.98 ng

RT: 10.27 min Scan# 540

Delta R.T. -0.00 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

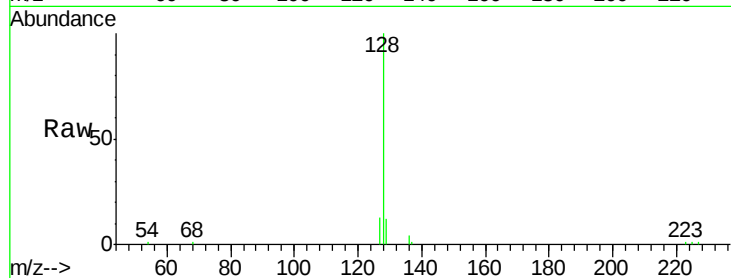
Tgt Ion:128 Resp: 10413

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

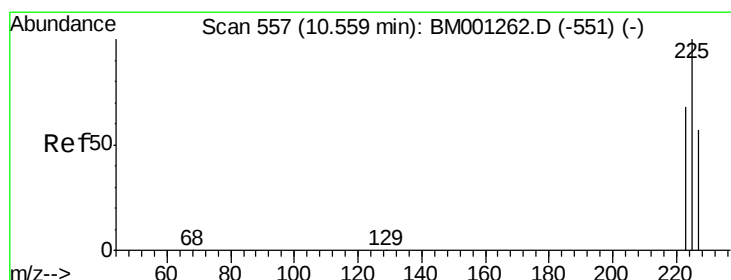
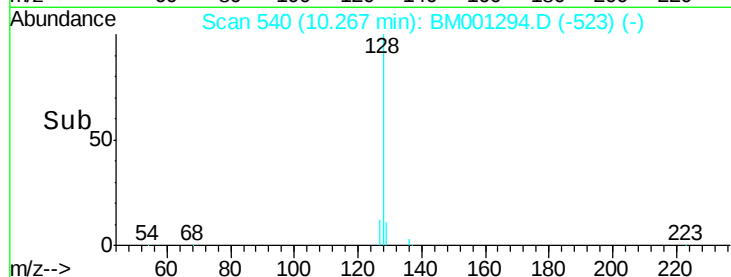
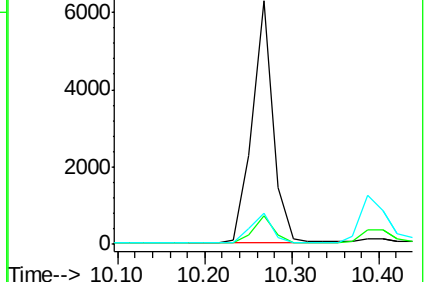
127 12.8 10.6 16.0



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



#10

Hexachlorobutadiene

Concen: 0.96 ng

RT: 10.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

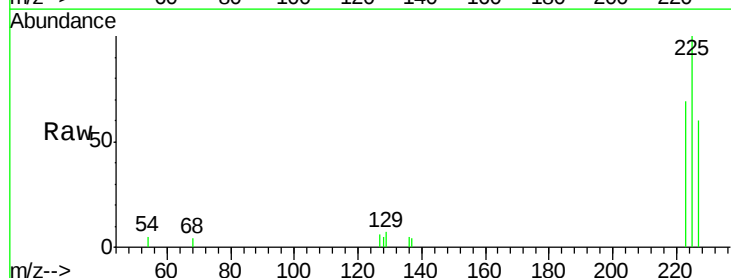
Tgt Ion:225 Resp: 2005

Ion Ratio Lower Upper

225 100

223 63.0 49.6 74.4

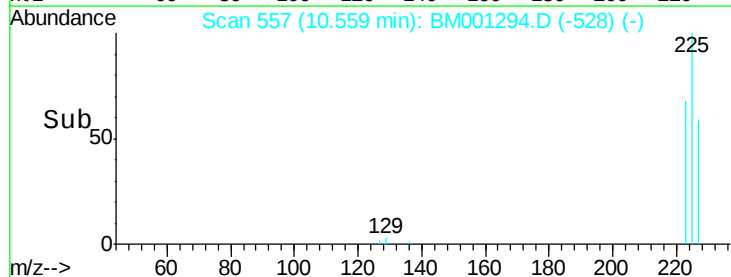
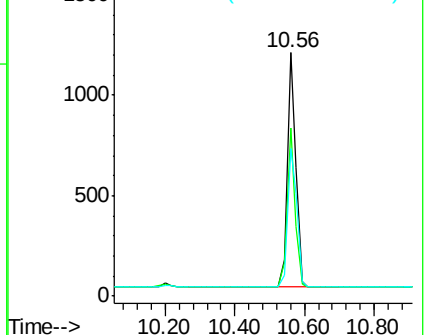
227 63.7 51.4 77.2

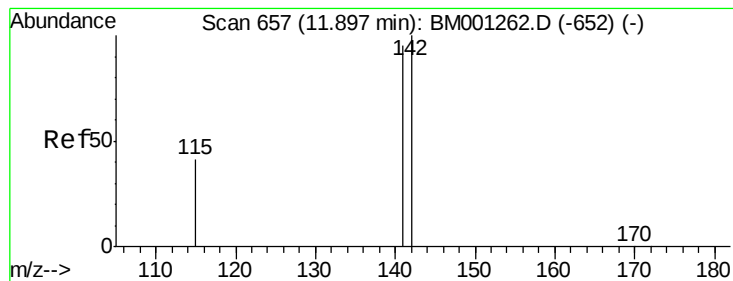


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.95 ng

RT: 11.90 min Scan# 657

Delta R.T. -0.00 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

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SSTDCCC001

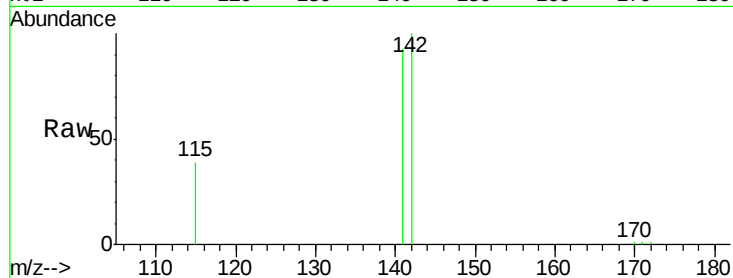
Tgt Ion:142 Resp: 6558

Ion Ratio Lower Upper

142 100

141 92.7 76.1 114.1

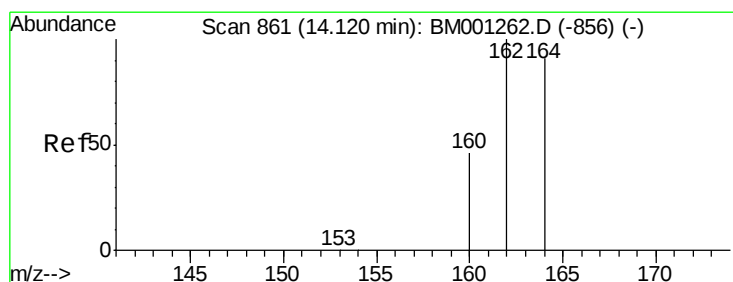
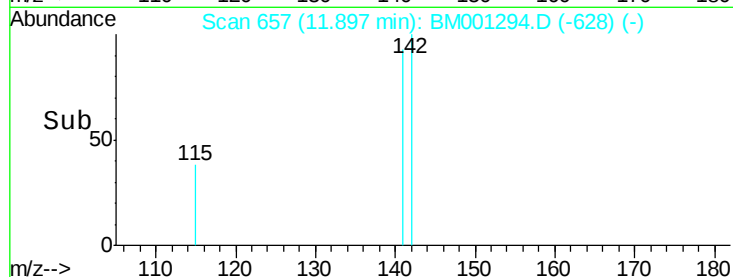
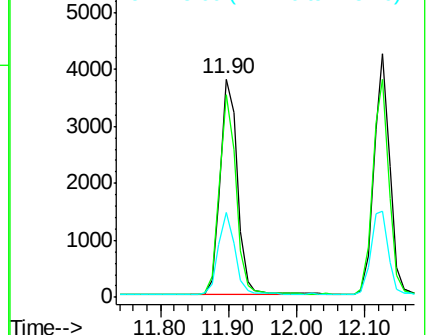
115 39.1 33.1 49.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.12 min Scan# 861

Delta R.T. -0.00 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

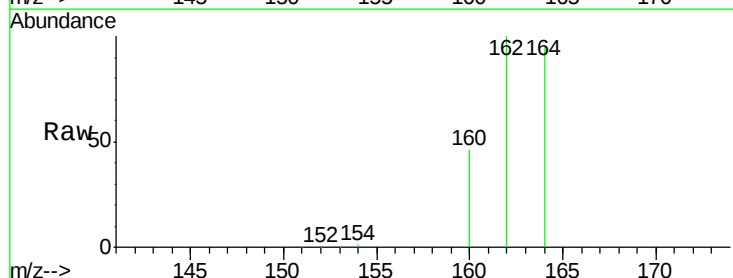
Tgt Ion:164 Resp: 26358

Ion Ratio Lower Upper

164 100

162 105.8 87.9 131.9

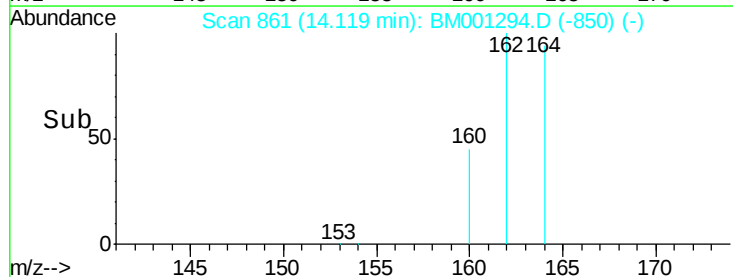
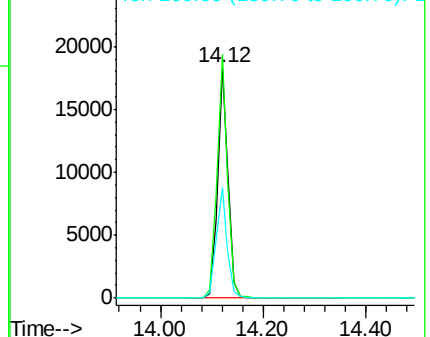
160 48.2 40.9 61.3

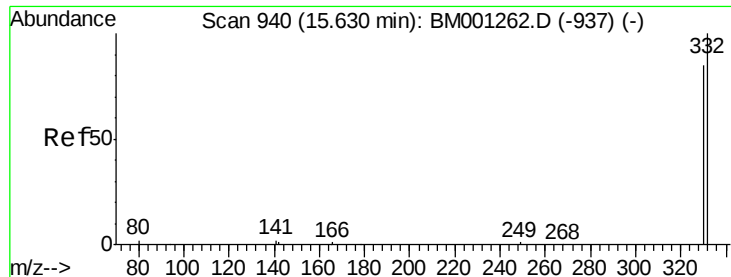


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

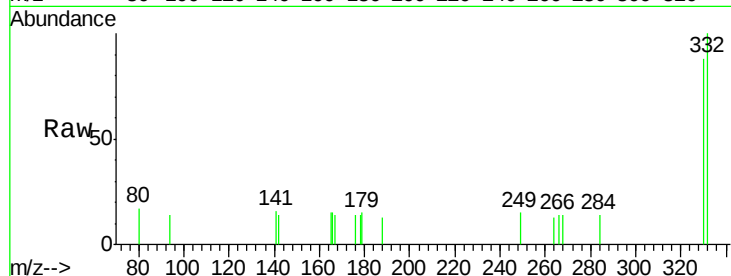




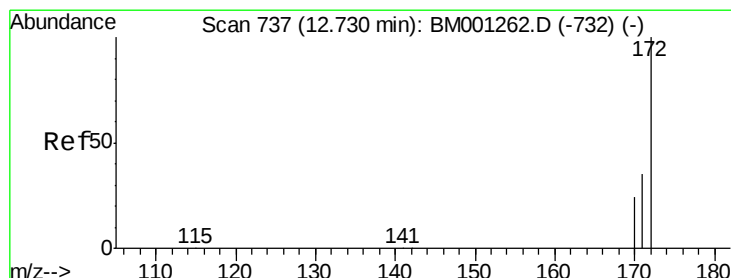
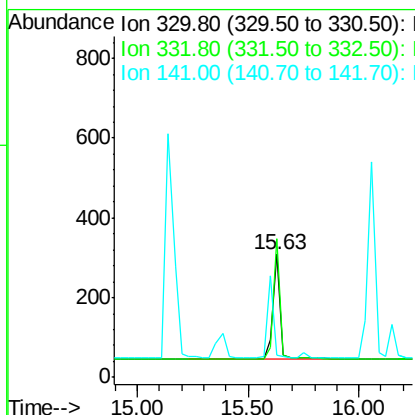
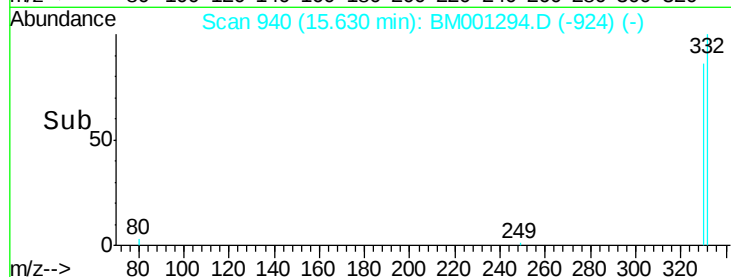
#13
 2,4,6-Tribromophenol
 Concen: 0.80 ng
 RT: 15.63 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BM001294.D
 Acq: 14 May 2015 16:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

Tgt Ion:330 Resp: 650
 Ion Ratio Lower Upper
 330 100
 332 101.7 89.0 133.4
 141 0.0 0.0 0.0

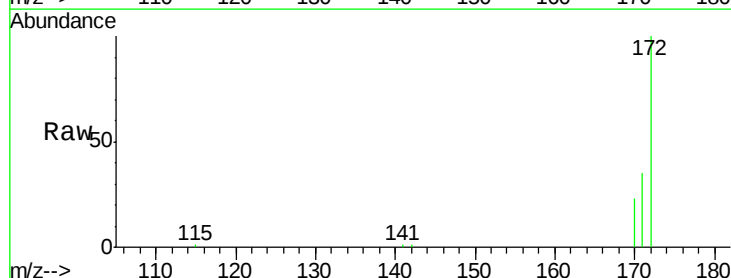


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

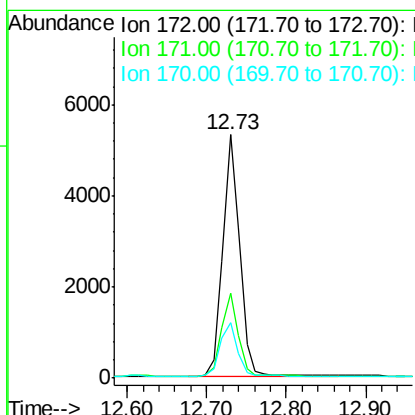
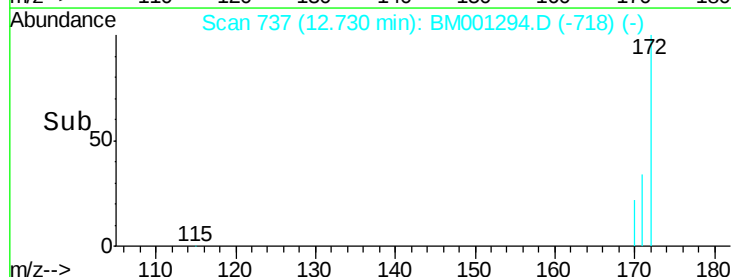


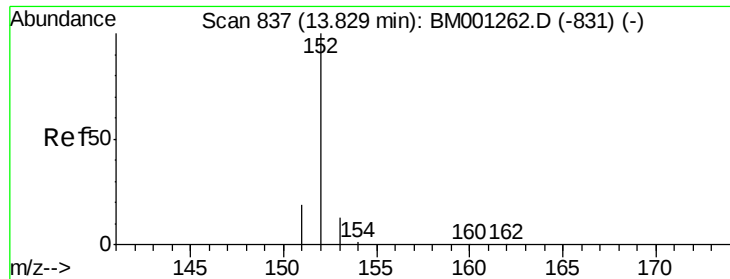
#14
 2-Fluorobiphenyl
 Concen: 0.95 ng
 RT: 12.73 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BM001294.D
 Acq: 14 May 2015 16:06

Tgt Ion:172 Resp: 7767
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.7 43.1
 170 23.0 19.5 29.3



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

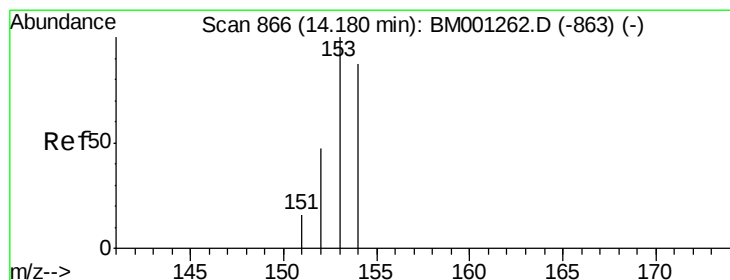
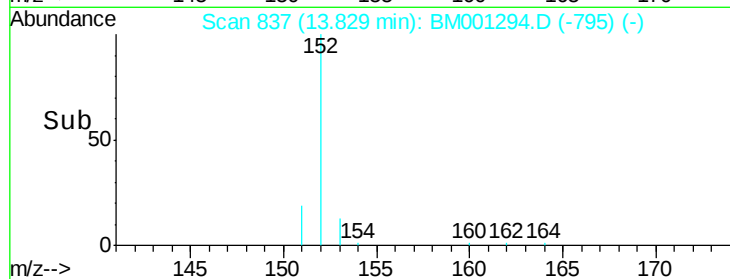
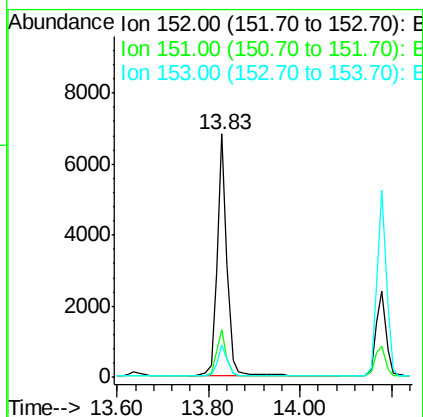
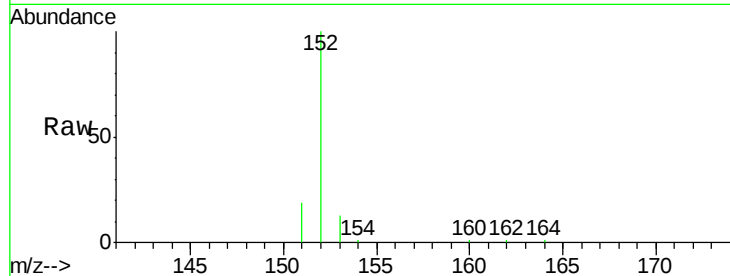




#15
Acenaphthylene
Concen: 0.94 ng
RT: 13.83 min Scan# 837
Delta R.T. -0.00 min
Lab File: BM001294.D
Acq: 14 May 2015 16:06

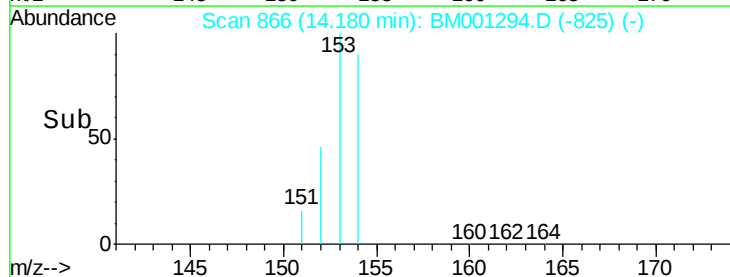
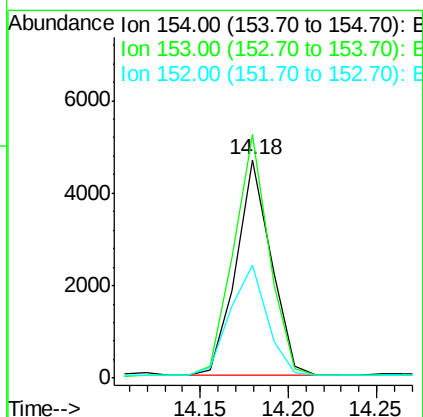
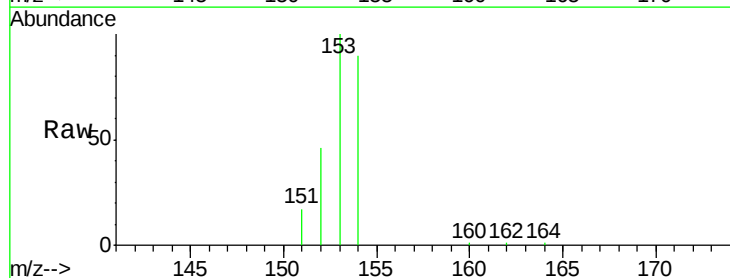
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

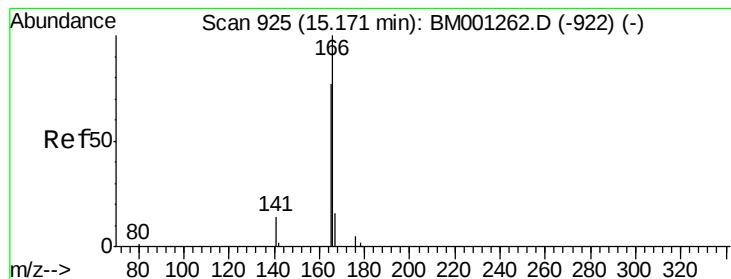
Tgt Ion:152 Resp: 10235
Ion Ratio Lower Upper
152 100
151 18.7 15.0 22.4
153 13.0 10.1 15.1



#16
Acenaphthene
Concen: 0.95 ng
RT: 14.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BM001294.D
Acq: 14 May 2015 16:06

Tgt Ion:154 Resp: 6564
Ion Ratio Lower Upper
154 100
153 112.7 91.4 137.2
152 54.6 44.3 66.5





#17

Fluorene

Concen: 0.85 ng

RT: 15.17 min Scan# 925

Delta R.T. -0.00 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

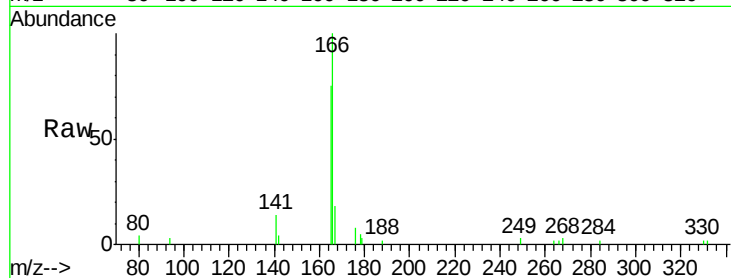
Tgt Ion:166 Resp: 5364

Ion Ratio Lower Upper

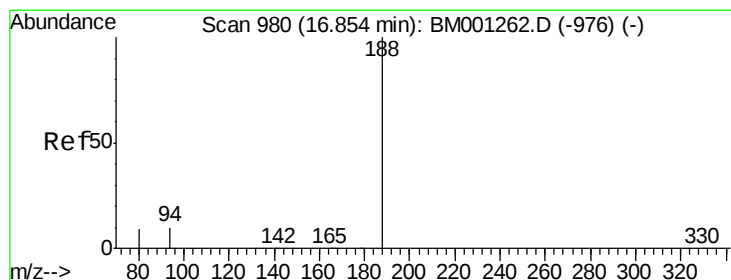
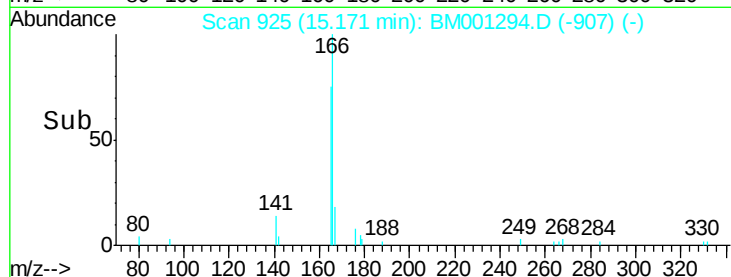
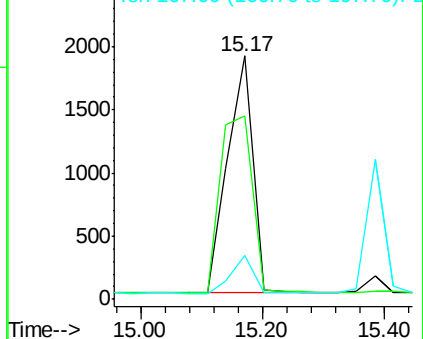
166 100

165 95.9 70.6 106.0

167 13.9 11.3 16.9



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

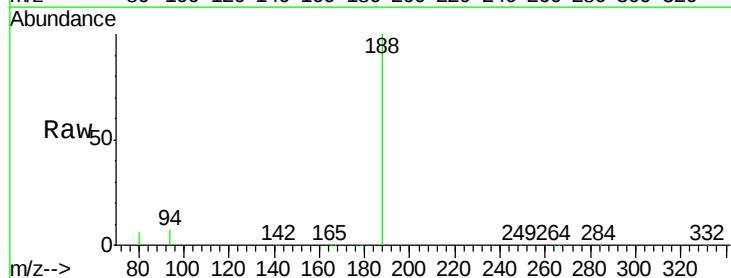
Tgt Ion:188 Resp: 65885

Ion Ratio Lower Upper

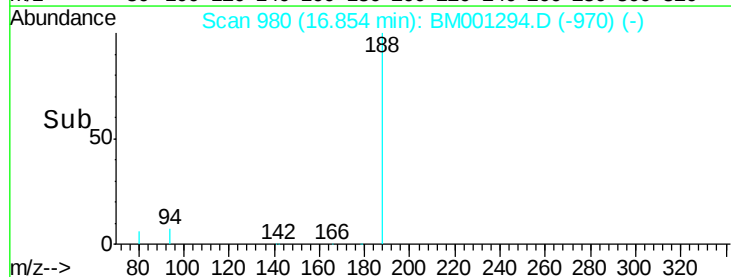
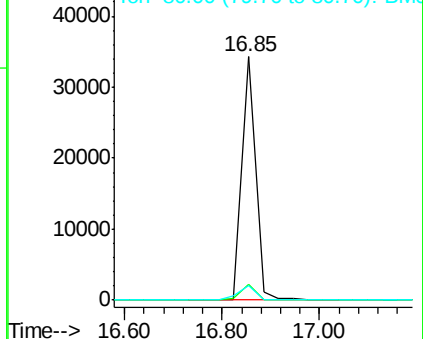
188 100

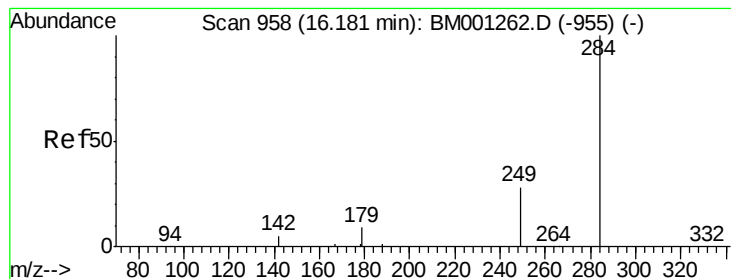
94 6.7 7.8 11.8#

80 6.1 7.5 11.3#



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

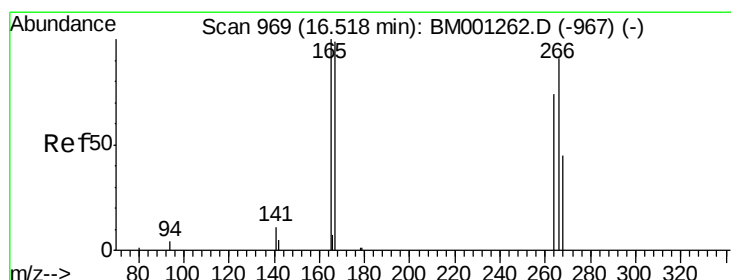
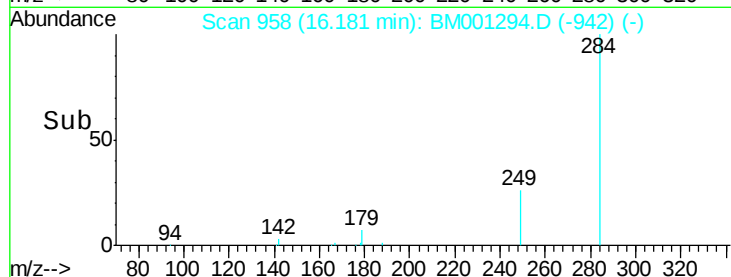
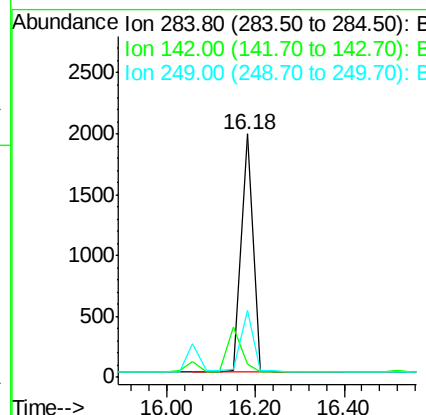
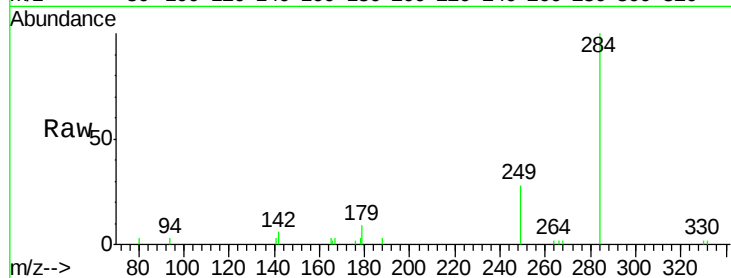




#19
Hexachlorobenzene
Concen: 0.86 ng
RT: 16.18 min Scan# 958
Delta R.T. -0.00 min
Lab File: BM001294.D
Acq: 14 May 2015 16:06

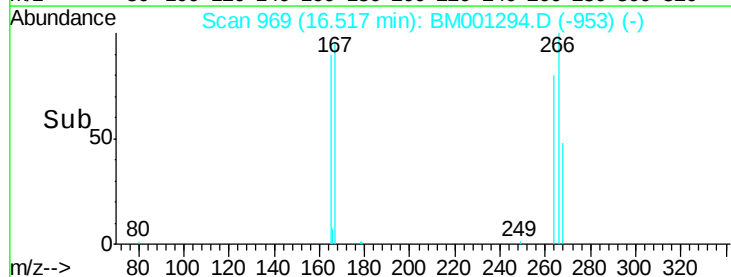
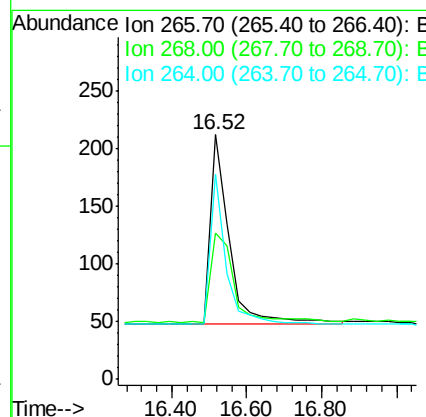
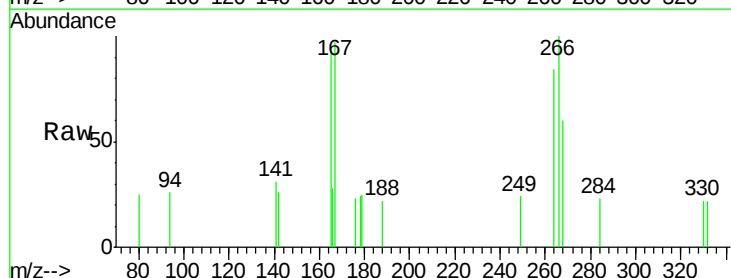
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

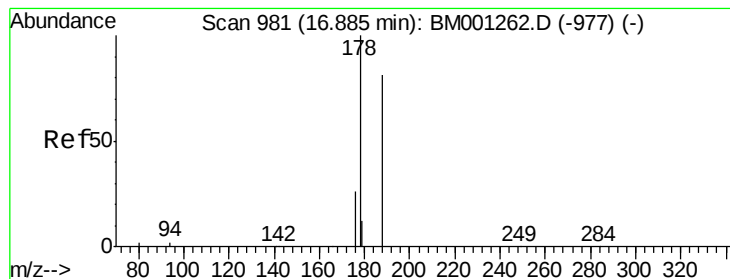
Tgt Ion:284 Resp: 3634
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 26.8 22.7 34.1



#20
Pentachlorophenol
Concen: 0.85 ng
RT: 16.52 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001294.D
Acq: 14 May 2015 16:06

Tgt Ion:266 Resp: 566
Ion Ratio Lower Upper
266 100
268 59.9 49.4 74.0
264 84.0 67.8 101.6





#21

Phenanthrene

Concen: 0.85 ng

RT: 16.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

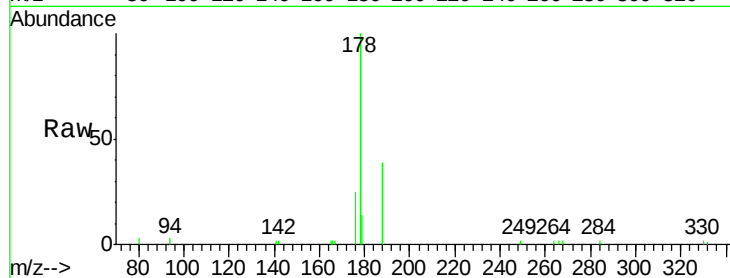
Tgt Ion:178 Resp: 8559

Ion Ratio Lower Upper

178 100

176 20.8 15.9 23.9

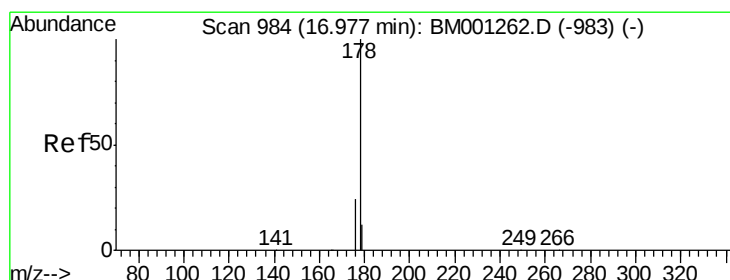
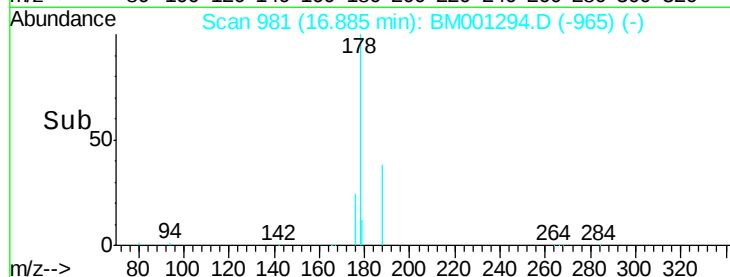
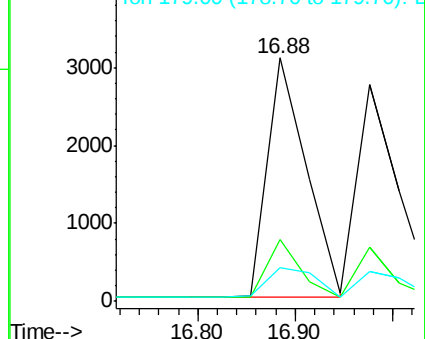
179 15.2 0.0 0.0#



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



#22

Anthracene

Concen: 0.83 ng

RT: 16.98 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

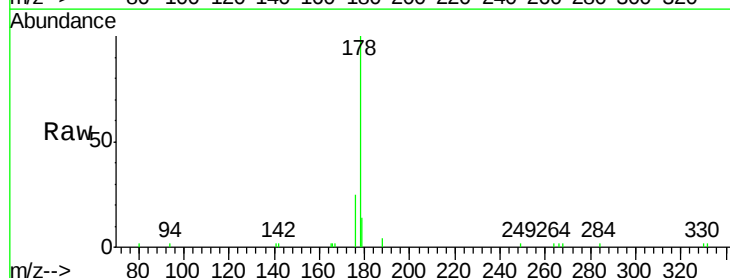
Tgt Ion:178 Resp: 8120

Ion Ratio Lower Upper

178 100

176 20.1 15.3 22.9

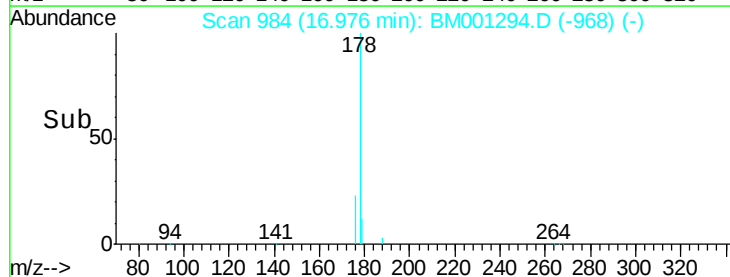
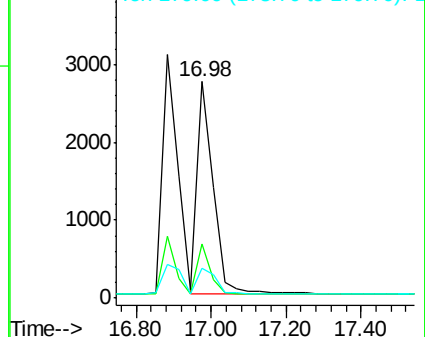
179 14.4 0.0 0.0#

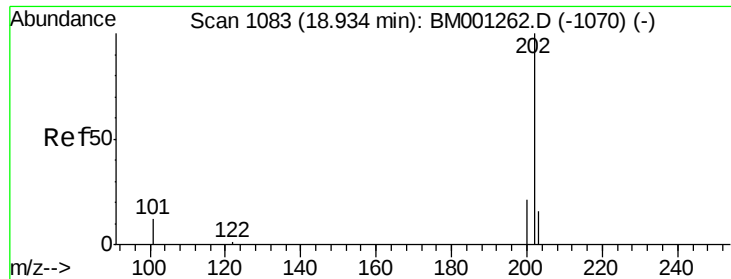


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.81 ng

RT: 18.93 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

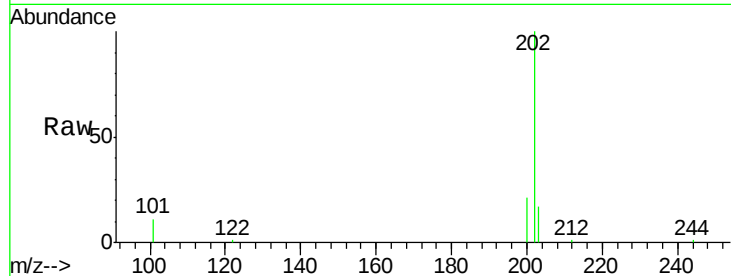
Tgt Ion:202 Resp: 12794

Ion Ratio Lower Upper

202 100

101 11.2 9.1 13.7

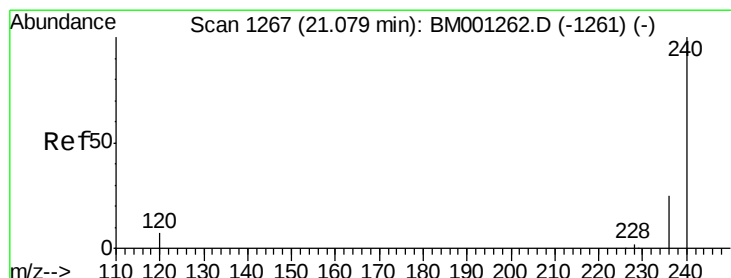
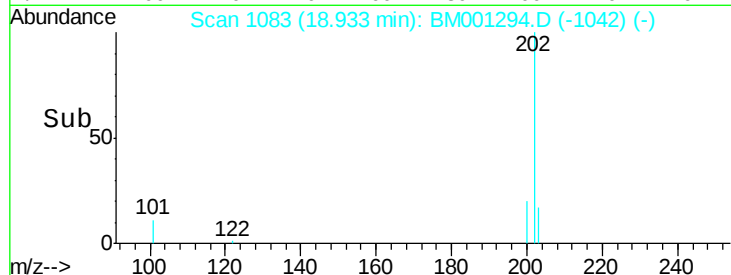
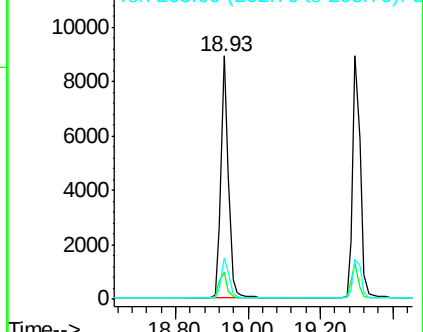
203 17.4 13.8 20.6



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.08 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

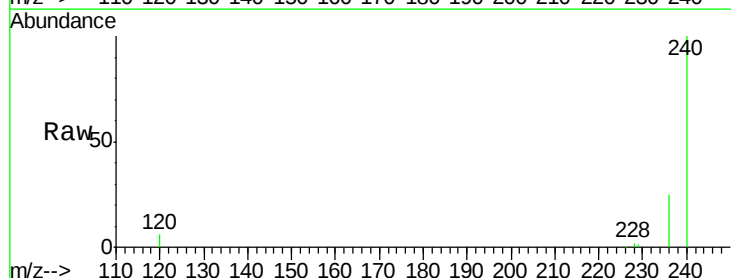
Tgt Ion:240 Resp: 46696

Ion Ratio Lower Upper

240 100

120 6.4 5.5 8.3

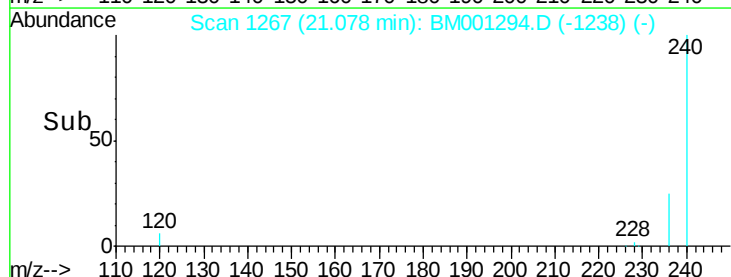
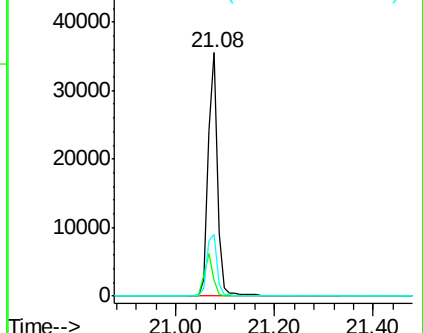
236 25.2 20.4 30.6

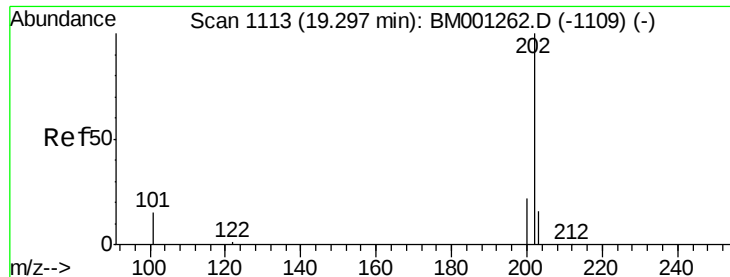


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

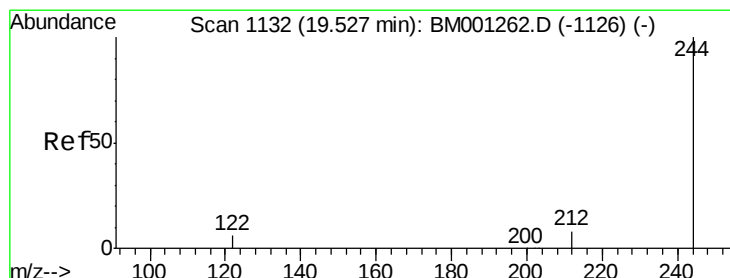
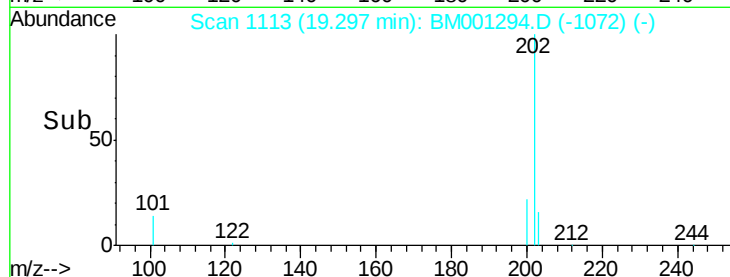
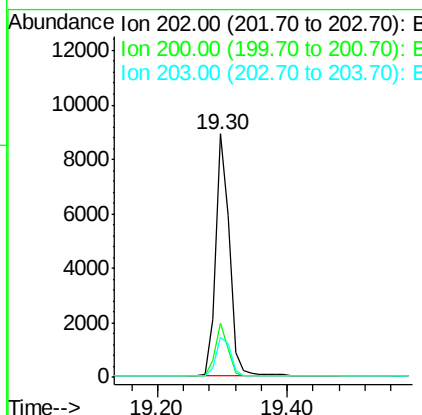
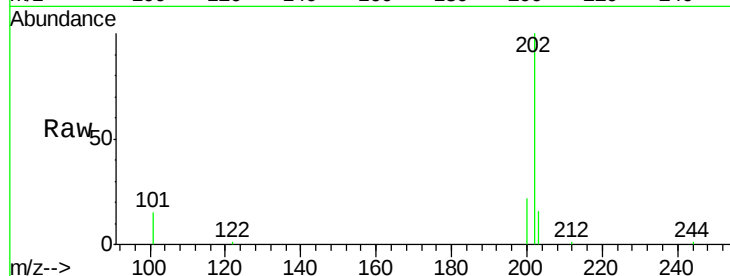




#25
 Pyrene
 Concen: 0.92 ng
 RT: 19.30 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BM001294.D
 Acq: 14 May 2015 16:06

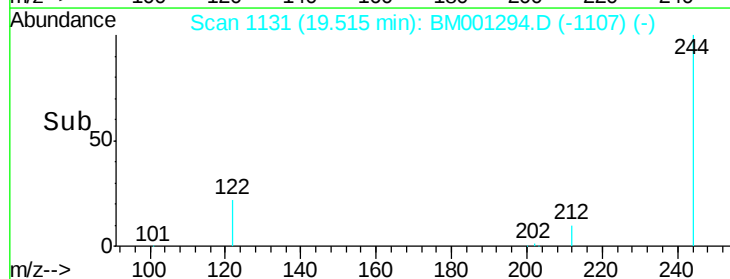
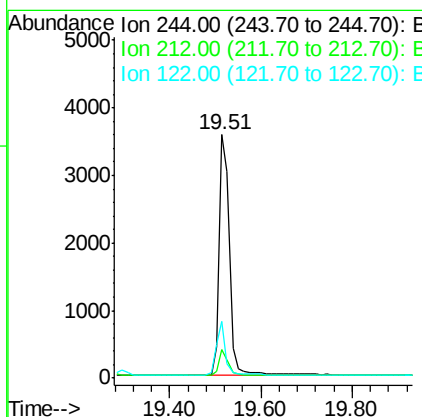
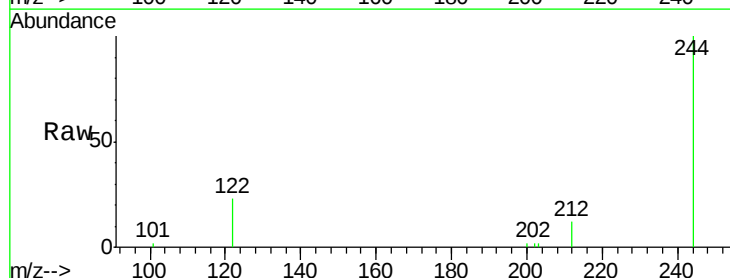
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

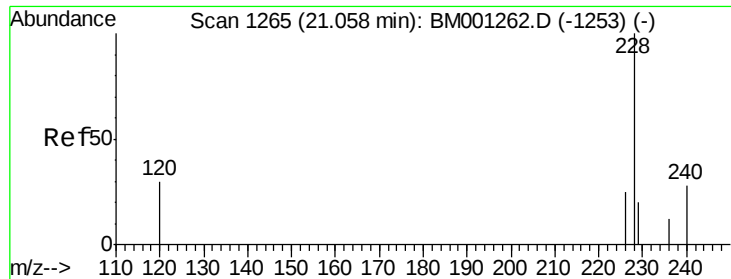
Tgt Ion: 202 Resp: 13270
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.4 24.6
 203 17.4 13.9 20.9



#26
 Terphenyl-d14
 Concen: 0.90 ng
 RT: 19.51 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BM001294.D
 Acq: 14 May 2015 16:06

Tgt Ion: 244 Resp: 5646
 Ion Ratio Lower Upper
 244 100
 212 11.6 7.2 10.8#
 122 23.2 5.6 8.4#

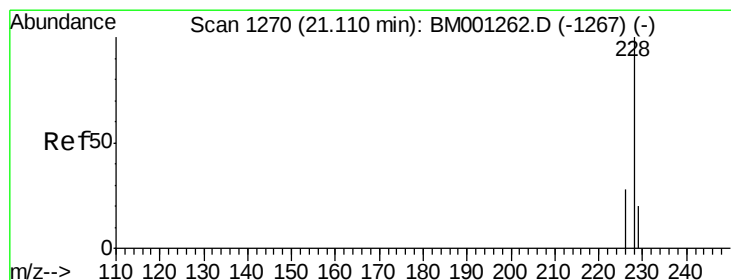
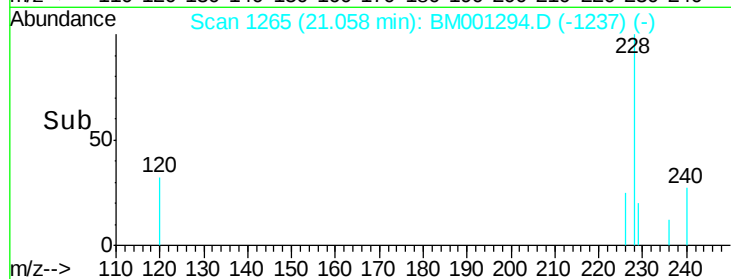
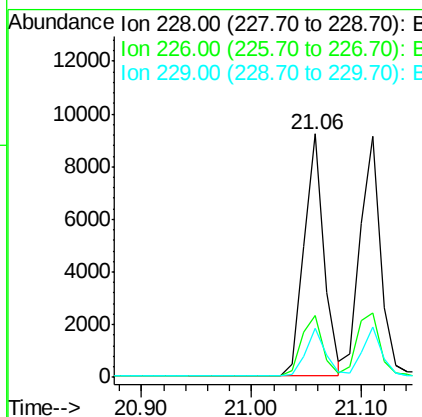
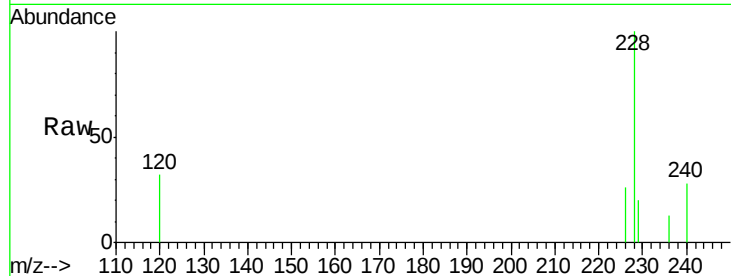




#27
Benzo(a)anthracene
Concen: 0.91 ng
RT: 21.06 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BM001294.D
Acq: 14 May 2015 16:06

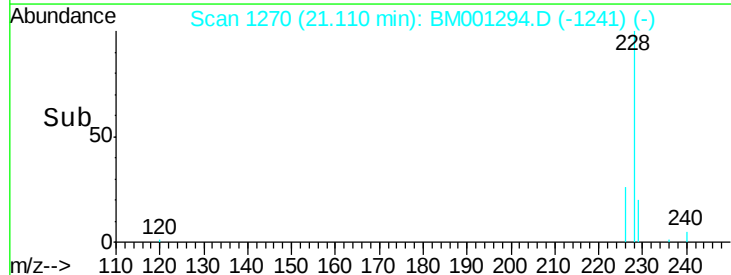
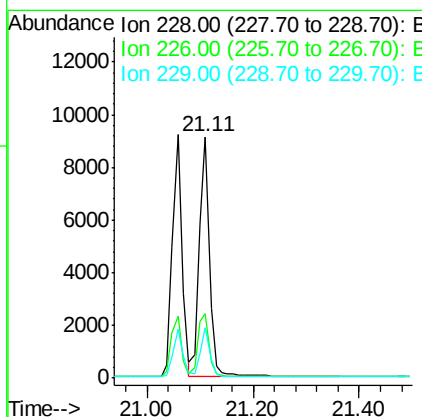
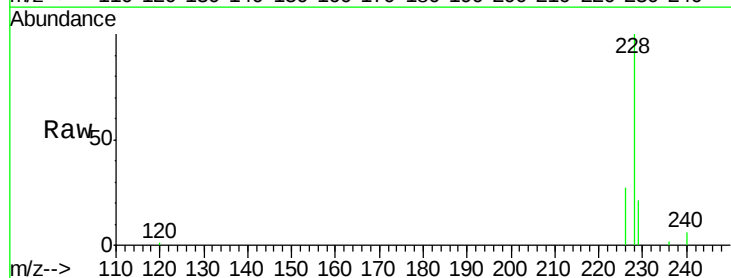
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

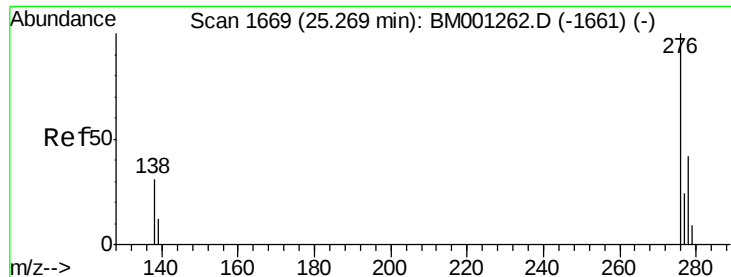
Tgt Ion:228 Resp: 11470
Ion Ratio Lower Upper
228 100
226 25.6 20.5 30.7
229 20.4 16.2 24.4



#28
Chrysene
Concen: 0.95 ng
RT: 21.11 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BM001294.D
Acq: 14 May 2015 16:06

Tgt Ion:228 Resp: 12207
Ion Ratio Lower Upper
228 100
226 26.8 22.2 33.2
229 20.9 16.5 24.7





#29

Indeno(1,2,3-cd)pyrene

Concen: 1.02 ng

RT: 25.27 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

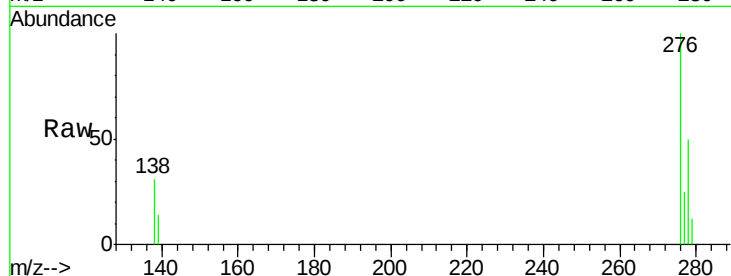
Tgt Ion:276 Resp: 13326

Ion Ratio Lower Upper

276 100

138 31.5 24.9 37.3

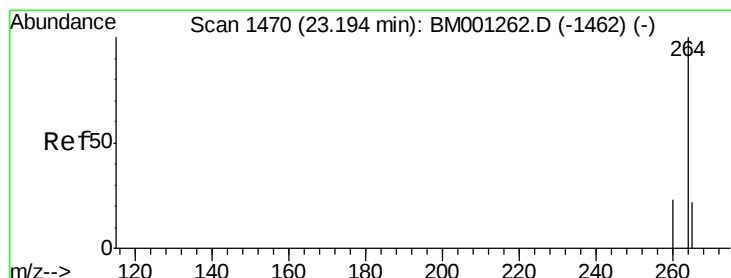
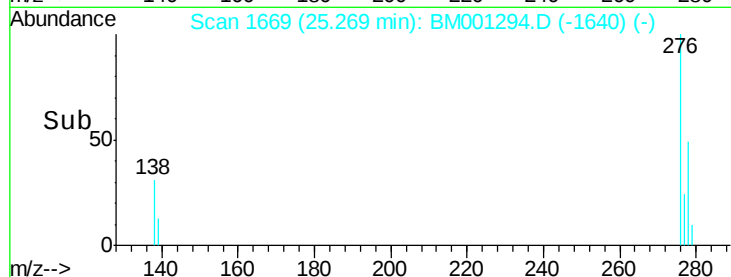
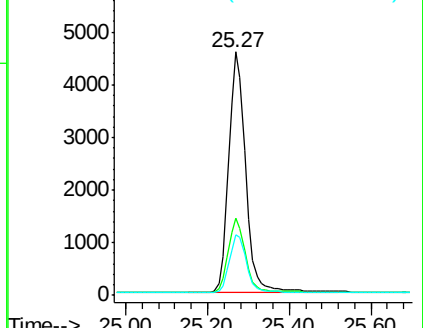
277 24.7 19.5 29.3



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



#30

Perylene-d12

Concen: 5.00 ng

RT: 23.18 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

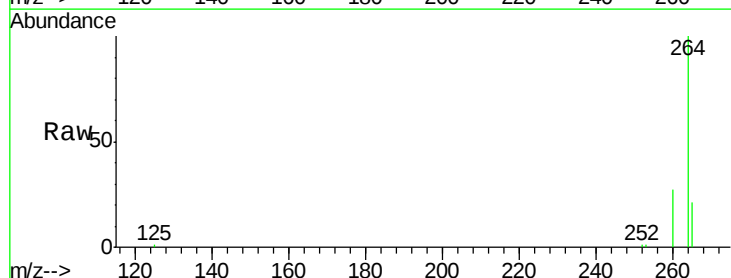
Tgt Ion:264 Resp: 43618

Ion Ratio Lower Upper

264 100

260 26.9 18.9 28.3

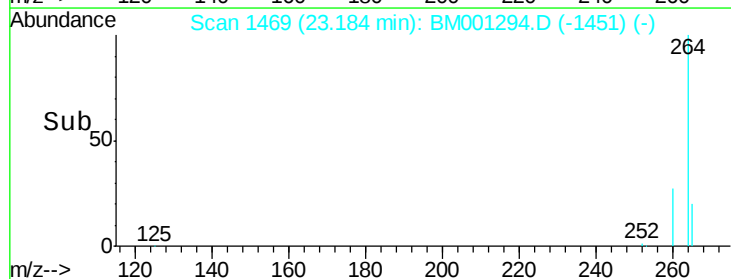
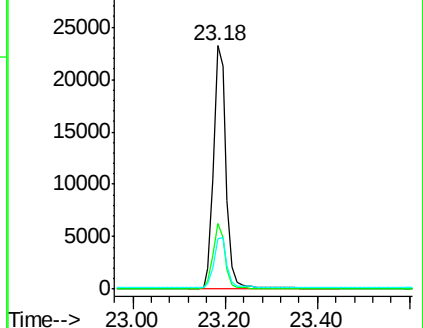
265 20.5 18.1 27.1

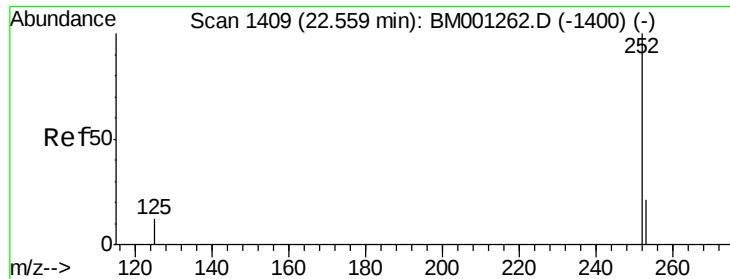


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#31

Benzo(b)fluoranthene

Concen: 0.93 ng

RT: 22.56 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

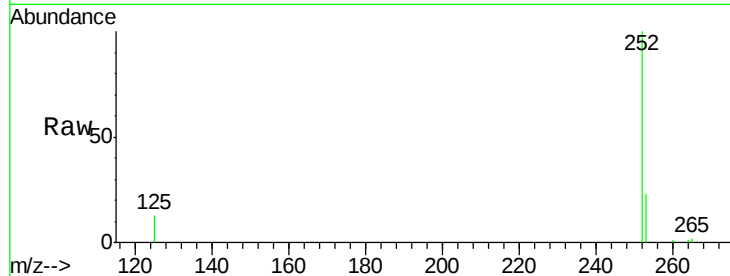
Tgt Ion:252 Resp: 11860

Ion Ratio Lower Upper

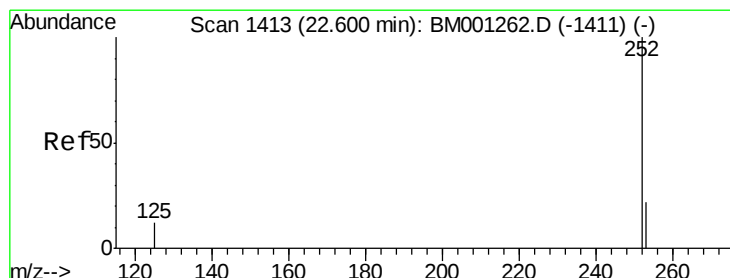
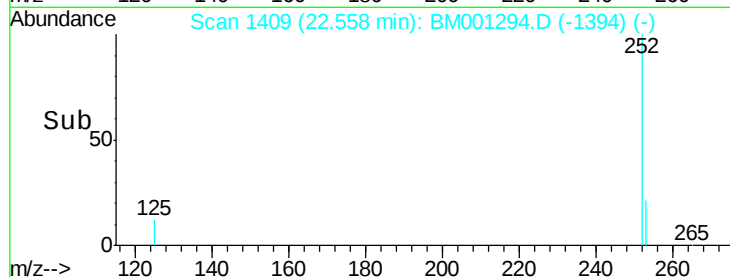
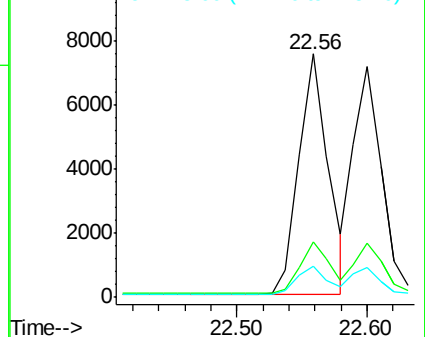
252 100

253 22.9 17.8 26.6

125 12.8 10.4 15.6



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

Benzo(k)fluoranthene

Concen: 0.93 ng

RT: 22.60 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

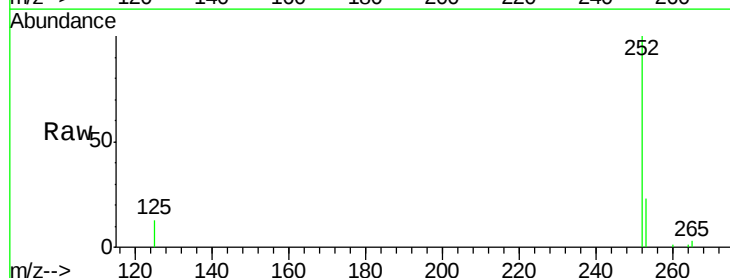
Tgt Ion:252 Resp: 11288

Ion Ratio Lower Upper

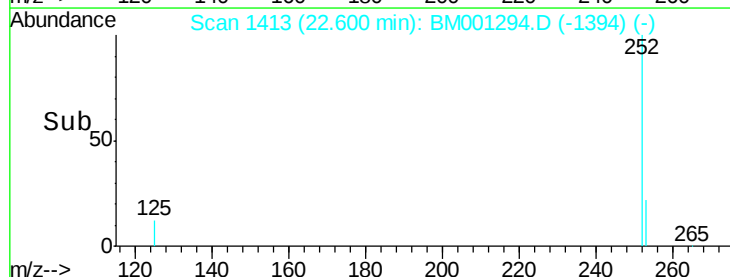
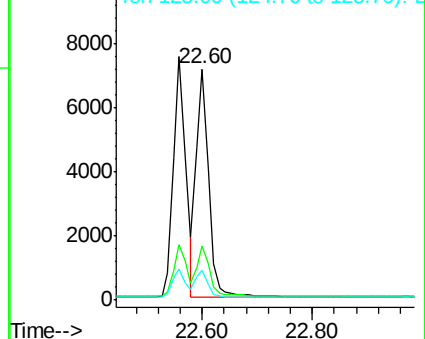
252 100

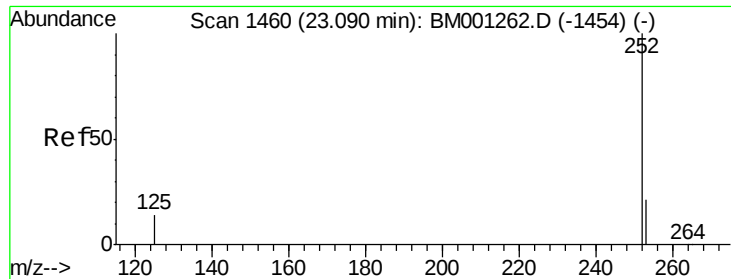
253 23.3 18.6 27.8

125 12.9 10.2 15.4



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





#33

Benzo(a)pyrene

Concen: 0.94 ng

RT: 23.09 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

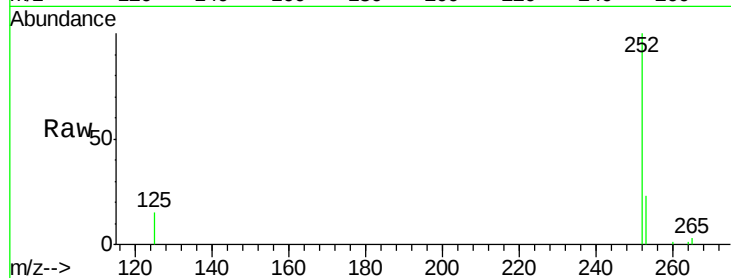
Tgt Ion:252 Resp: 10383

Ion Ratio Lower Upper

252 100

253 23.0 18.3 27.5

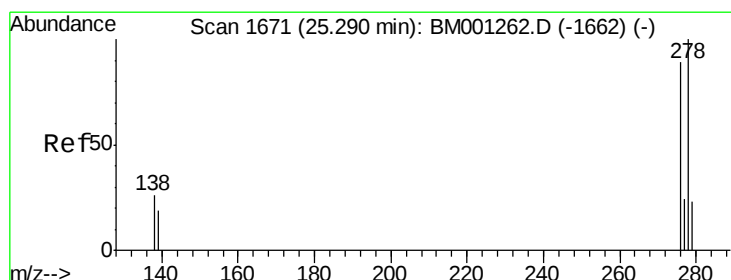
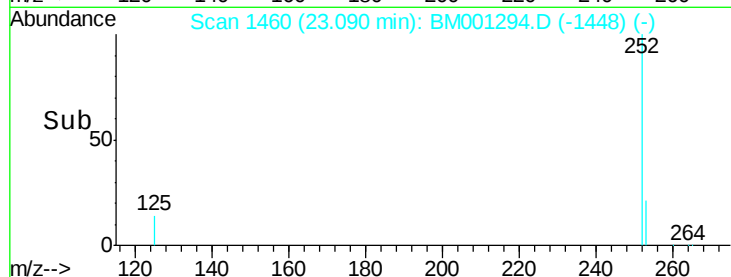
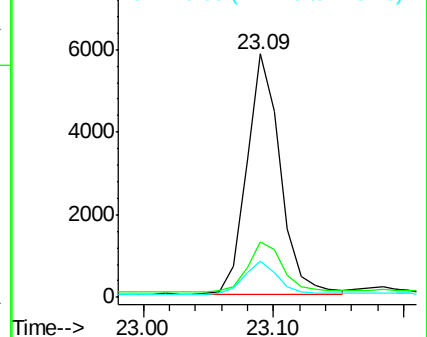
125 14.9 12.2 18.2



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



#34

Dibenzo(a,h)anthracene

Concen: 0.99 ng

RT: 25.29 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BM001294.D

Acq: 14 May 2015 16:06

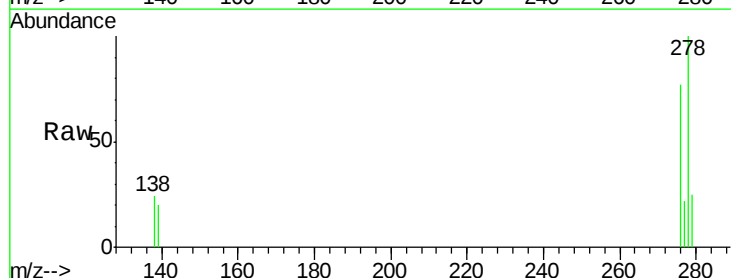
Tgt Ion:278 Resp: 10333

Ion Ratio Lower Upper

278 100

139 20.0 16.6 24.8

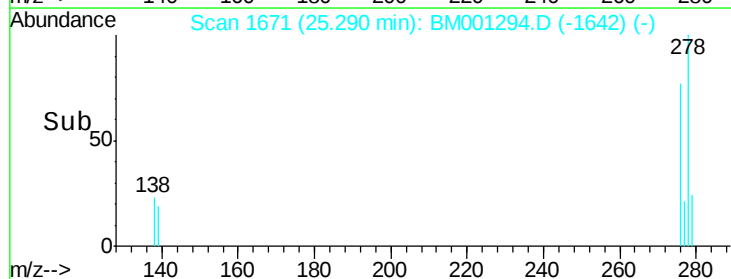
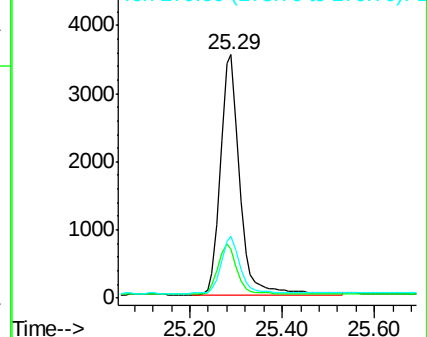
279 25.2 20.0 30.0

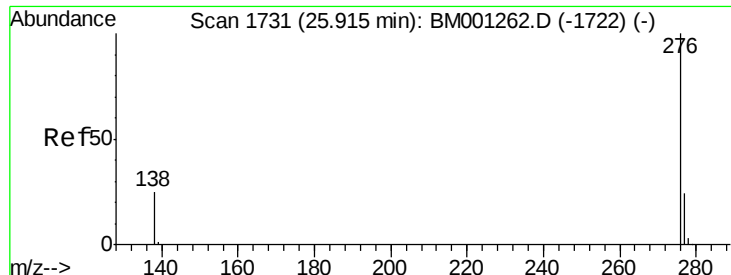


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Benzo(g,h,i)perylene

Concen: 0.99 ng

RT: 25.90 min Scan# 1730

Delta R.T. -0.01 min

Lab File: BM001294.D

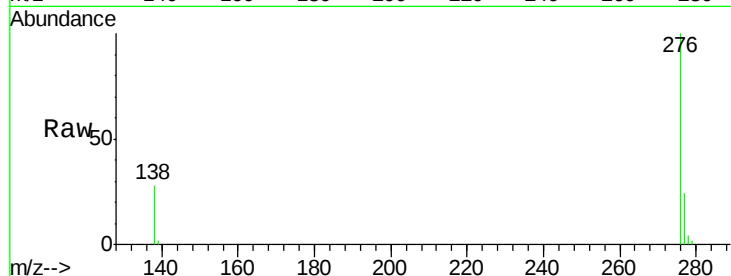
Acq: 14 May 2015 16:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001



Tgt Ion: 276 Resp: 11318

Ion Ratio Lower Upper

276 100

277 23.8 19.9 29.9

138 27.7 21.0 31.4

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

