

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051315\
 Data File : BM001264.D
 Acq On : 12 May 2015 23:06
 Operator : TP/IZ
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

Quant Time: May 13 04:40:35 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 04:25:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	15836	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	56057	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	29718	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	60203	5.00	ng	0.00
24) Chrysene-d12	21.08	240	51730	5.00	ng	0.00
30) Perylene-d12	23.19	264	47948	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	1563	0.48	ng	0.00
5) Phenol-d6	6.63	99	1727	0.43	ng	0.00
7) Nitrobenzene-d5	8.61	82	1402	0.45	ng	0.01
13) 2,4,6-Tribromophenol	15.63	330	426	0.29	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	4769	0.53	ng	0.00
26) Terphenyl-d14	19.53	244	3586	0.49	ng	0.00

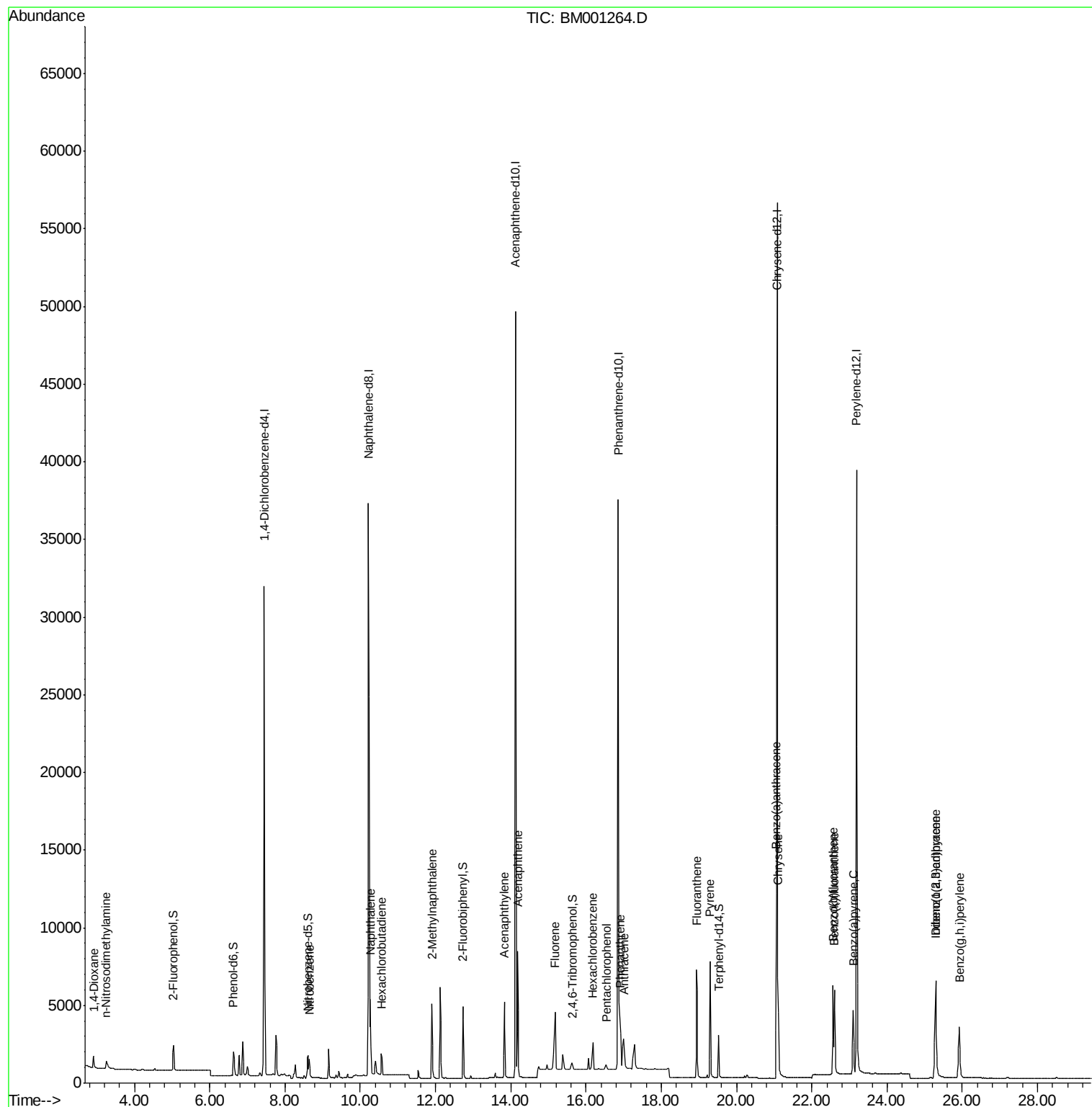
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.92	88	1472	0.86	ng	91
3) n-Nitrosodimethylamine	3.24	42	829	0.44	ng	# 99
8) Nitrobenzene	8.65	77	1443	0.44	ng	99
9) Naphthalene	10.27	128	6168	0.51	ng	99
10) Hexachlorobutadiene	10.56	225	1208	0.52	ng	100
11) 2-Methylnaphthalene	11.91	142	3948	0.47	ng	88
15) Acenaphthylene	13.83	152	5946	0.47	ng	100
16) Acenaphthene	14.18	154	4021	0.51	ng	100
17) Fluorene	15.17	166	3721	0.31	ng	95
19) Hexachlorobenzene	16.18	284	2121	0.61	ng	# 94
20) Pentachlorophenol	16.55	266	290	0.24	ng	# 78
21) Phenanthrene	16.92	178	5153	0.23	ng	# 57
22) Anthracene	17.01	178	4964	0.26	ng	# 58
23) Fluoranthene	18.93	202	7766	0.35	ng	100
25) Pyrene	19.30	202	8264	0.51	ng	100
27) Benzo(a)anthracene	21.06	228	7123	0.49	ng	98
28) Chrysene	21.11	228	7391	0.52	ng	97
29) Indeno(1,2,3-cd)pyrene	25.28	276	7656	0.66	ng	100
31) Benzo(b)fluoranthene	22.56	252	6815	0.45	ng	97
32) Benzo(k)fluoranthene	22.60	252	7082	0.51	ng	99
33) Benzo(a)pyrene	23.10	252	6156	0.50	ng	95
34) Dibenzo(a,h)anthracene	25.29	278	5914	0.57	ng	97
35) Benzo(g,h,i)perylene	25.92	276	6540	0.61	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: BM001264.D

Acq: 12 May 2015 23:06

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

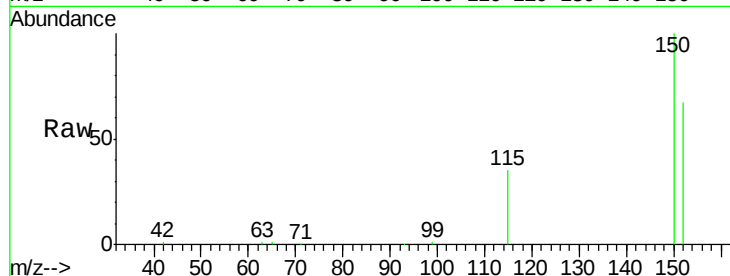
Tgt Ion:152 Resp: 15836

Ion Ratio Lower Upper

152 100

150 149.1 114.6 172.0

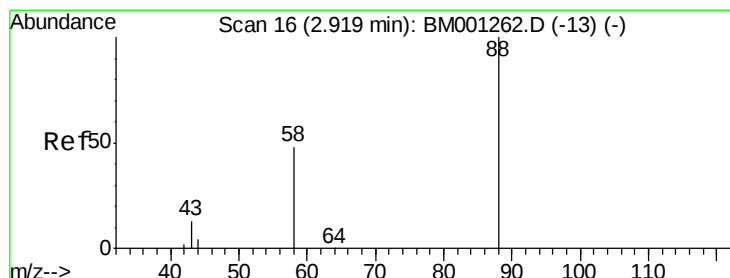
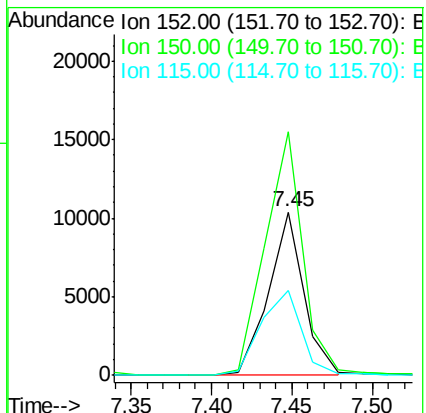
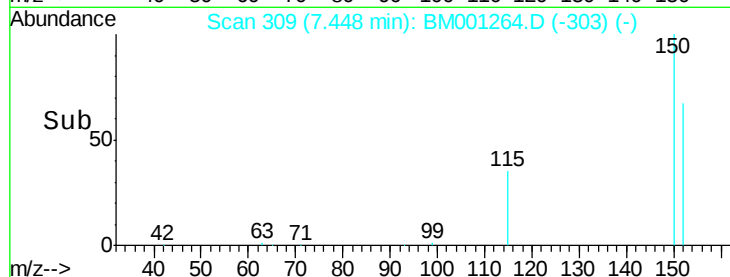
115 52.1 39.3 58.9



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: 0.86 ng

RT: 2.92 min Scan# 16

Delta R.T. -0.00 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

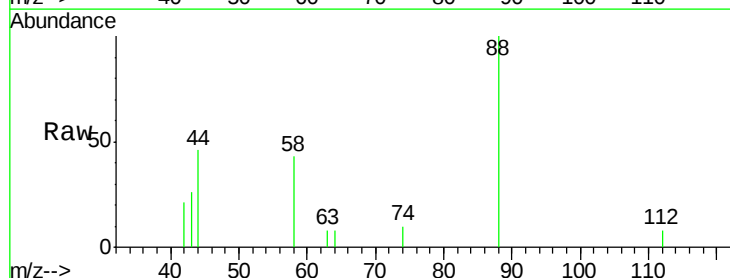
Tgt Ion: 88 Resp: 1472

Ion Ratio Lower Upper

88 100

58 41.8 39.0 58.6

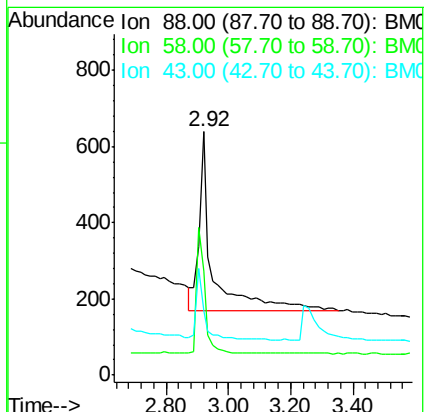
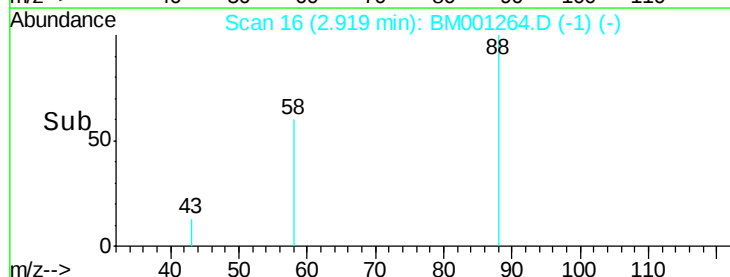
43 21.3 20.2 30.2



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: 0.44 ng

RT: 3.24 min Scan# 37

Delta R.T. -0.00 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

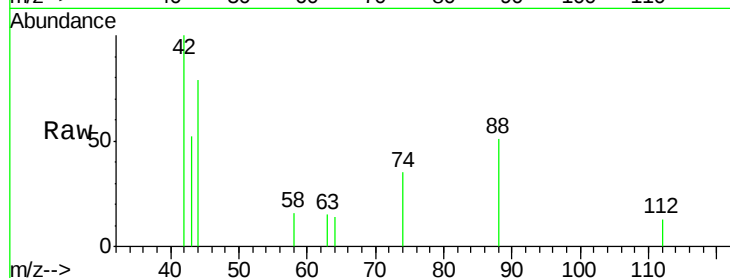
Tgt Ion: 42 Resp: 829

Ion Ratio Lower Upper

42 100

74 101.9 82.1 123.1

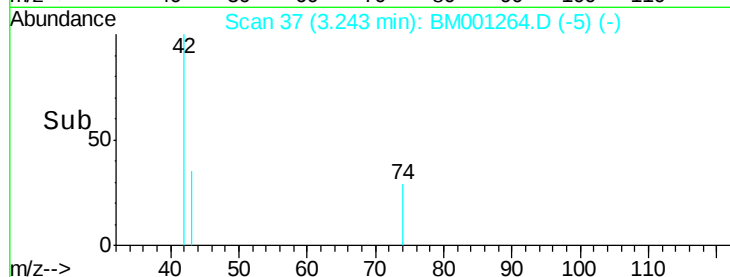
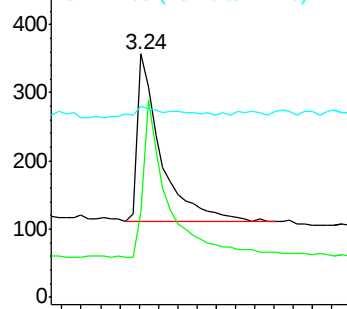
44 7.5 3.0 4.4#



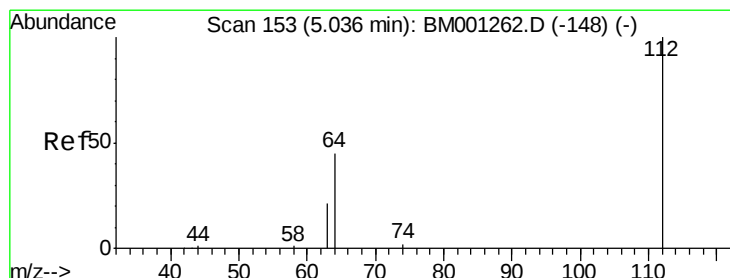
Abundance Ion 42.00 (41.70 to 42.70): BM001262.D (-33) (-)

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

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



Time-->



#4

2-Fluorophenol

Concen: 0.48 ng

RT: 5.04 min Scan# 153

Delta R.T. -0.00 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

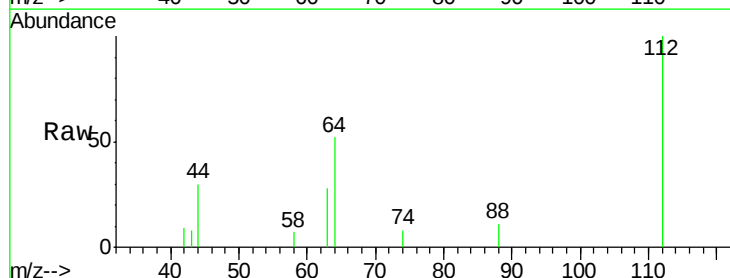
Tgt Ion: 112 Resp: 1563

Ion Ratio Lower Upper

112 100

64 63.2 50.8 76.2

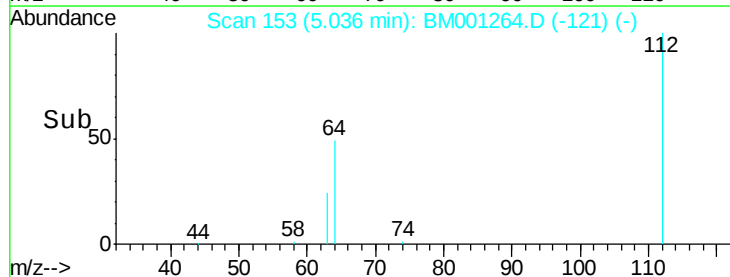
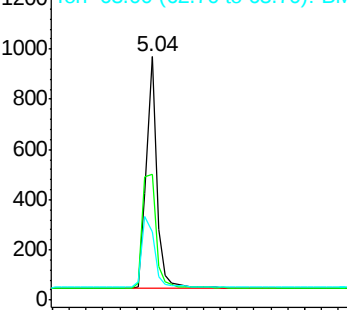
63 37.5 28.2 42.4



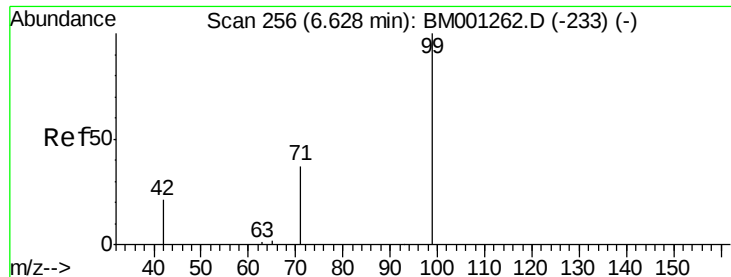
Abundance Ion 112.00 (111.70 to 112.70): BM001262.D (-148) (-)

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

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



Time-->



#5

Phenol-d6

Concen: 0.43 ng

RT: 6.63 min Scan# 256

Delta R.T. 0.00 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

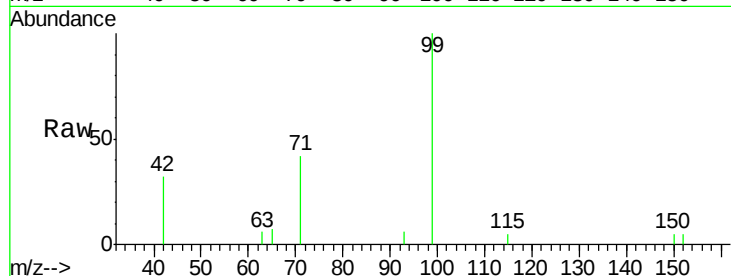
Tgt Ion: 99 Resp: 1727

Ion Ratio Lower Upper

99 100

42 25.1 19.9 29.9

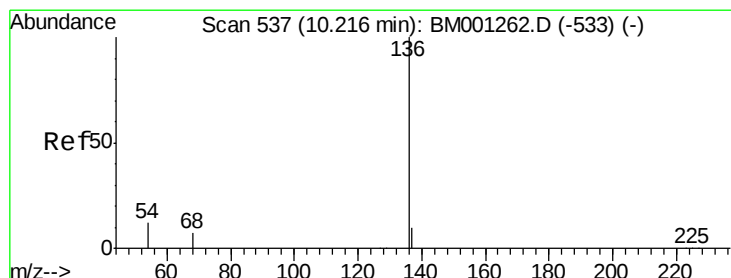
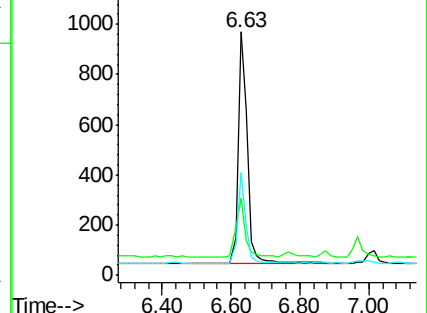
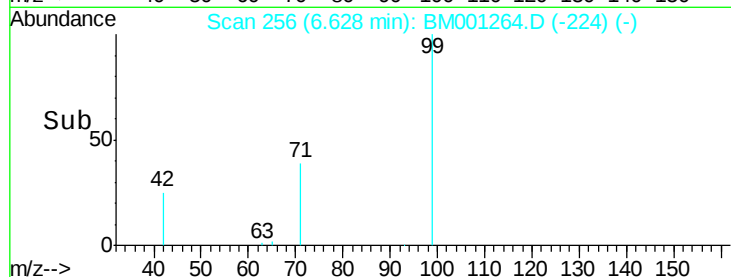
71 34.0 28.0 42.0



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) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

Tgt Ion: 136 Resp: 56057

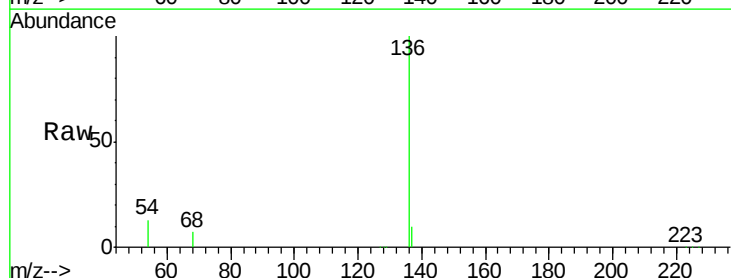
Ion Ratio Lower Upper

136 100

137 10.1 8.2 12.4

54 13.0 9.5 14.3

68 7.3 5.5 8.3

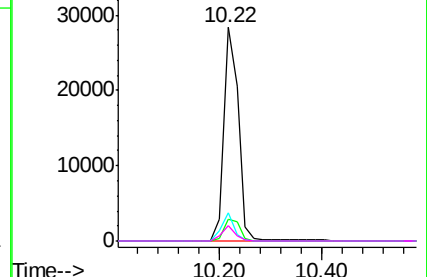
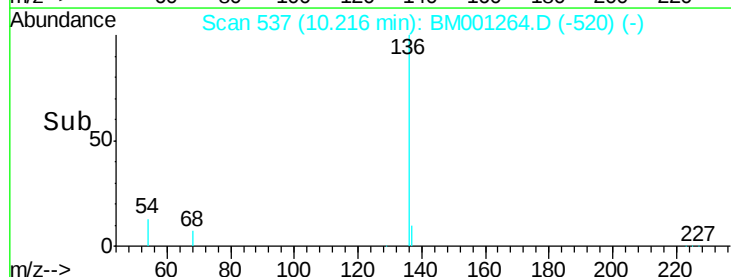


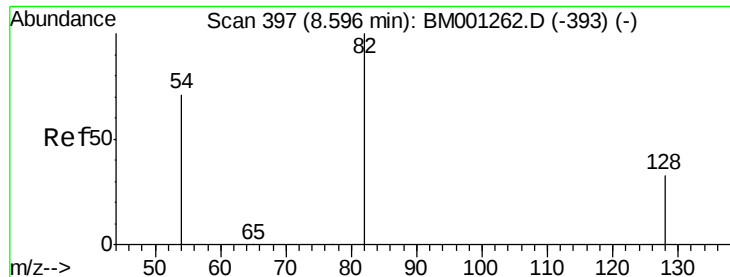
Abundance Ion 136.00 (135.70 to 136.70): BM001262.D (-533) (-)

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) (-)





#7

Nitrobenzene-d5

Concen: 0.45 ng

RT: 8.61 min Scan# 398

Delta R.T. 0.01 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

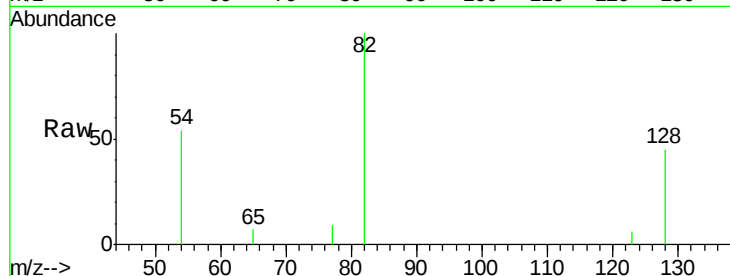
Tgt Ion: 82 Resp: 1402

Ion Ratio Lower Upper

82 100

128 45.2 28.0 42.0#

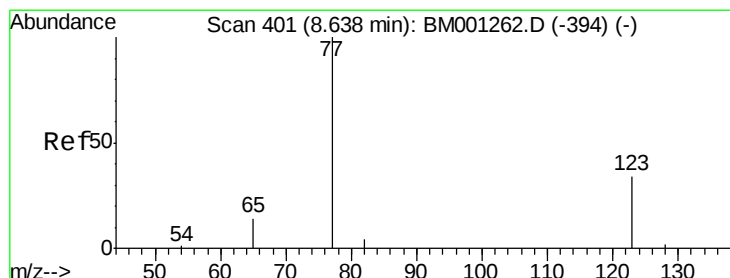
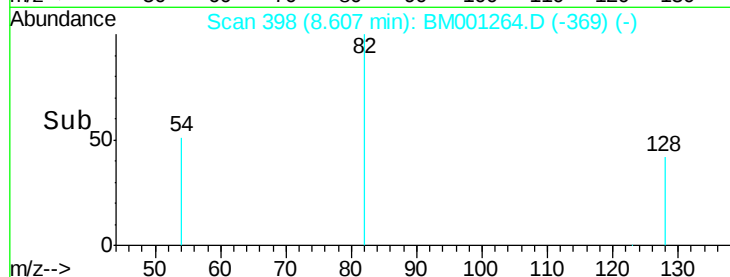
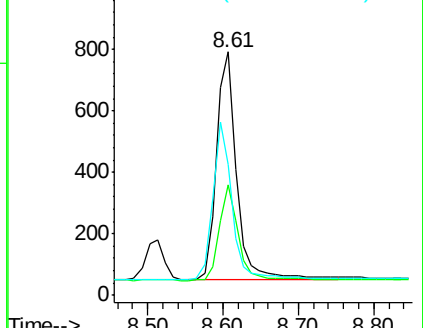
54 54.0 57.3 85.9#



Abundance Ion 82.00 (81.70 to 82.70): BM001262.D (-393) (-)

Ion 128.00 (127.70 to 128.70): BM001262.D (-393) (-)

Ion 54.00 (53.70 to 54.70): BM001262.D (-393) (-)



#8

Nitrobenzene

Concen: 0.44 ng

RT: 8.65 min Scan# 402

Delta R.T. 0.01 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

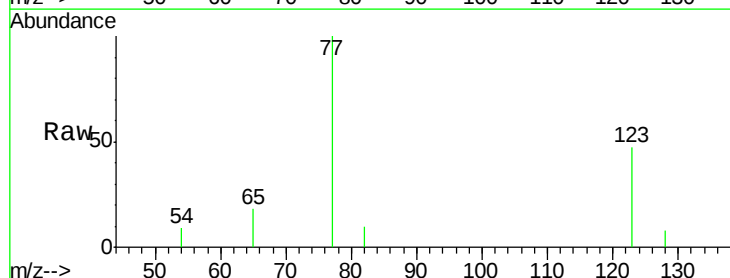
Tgt Ion: 77 Resp: 1443

Ion Ratio Lower Upper

77 100

123 42.4 33.4 50.2

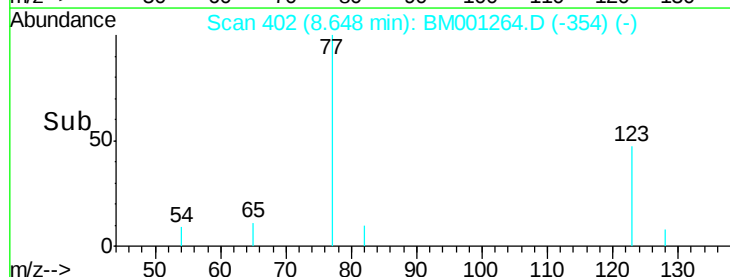
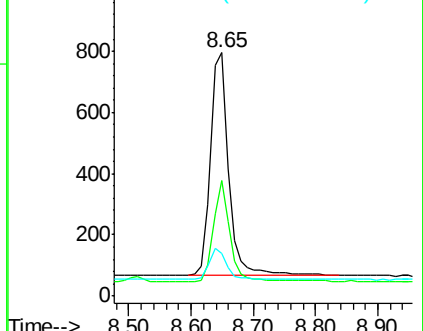
65 13.2 10.6 15.8

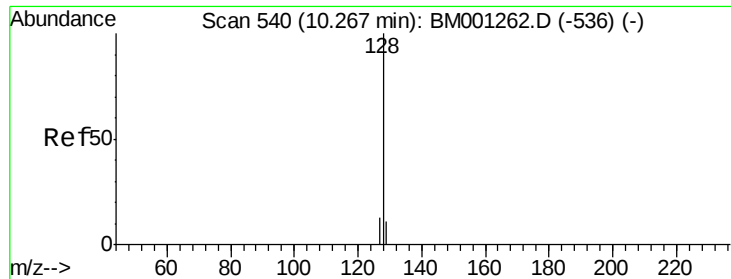


Abundance Ion 77.00 (76.70 to 77.70): BM001262.D (-394) (-)

Ion 123.00 (122.70 to 123.70): BM001262.D (-394) (-)

Ion 65.00 (64.70 to 65.70): BM001262.D (-394) (-)





#9

Naphthalene

Concen: 0.51 ng

RT: 10.27 min Scan# 540

Delta R.T. -0.00 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

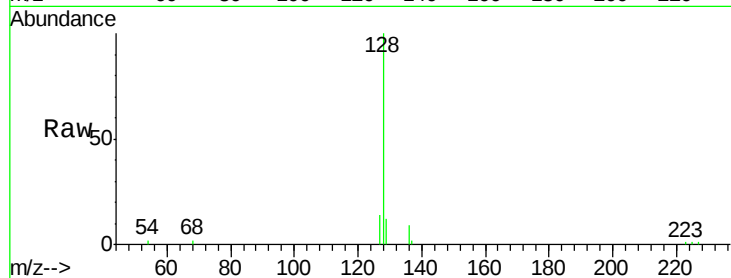
Tgt Ion:128 Resp: 6168

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

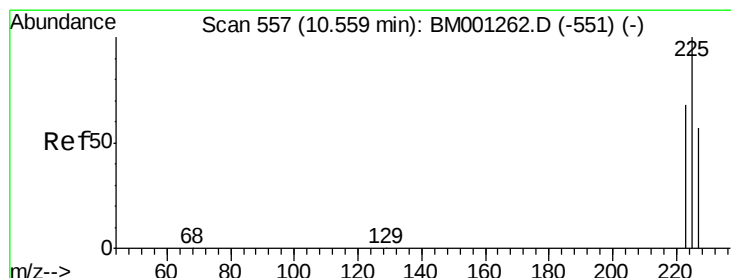
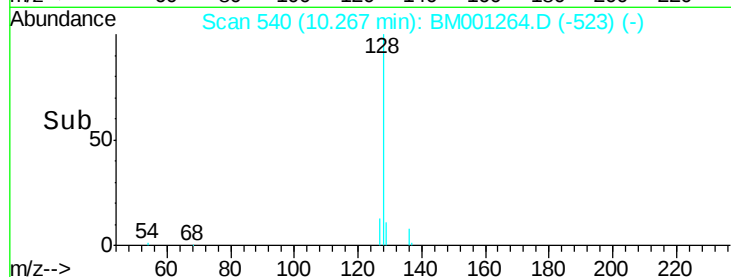
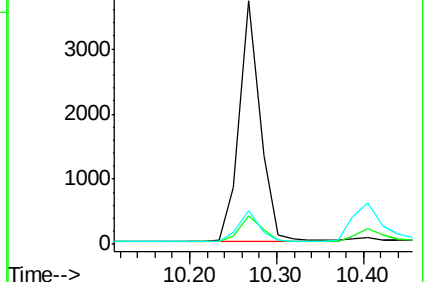
127 13.6 10.6 16.0



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: 0.52 ng

RT: 10.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

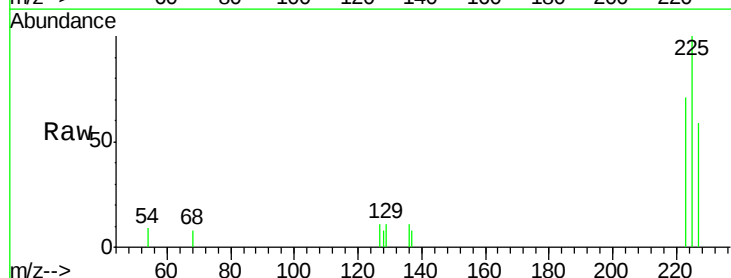
Tgt Ion:225 Resp: 1208

Ion Ratio Lower Upper

225 100

223 62.5 49.6 74.4

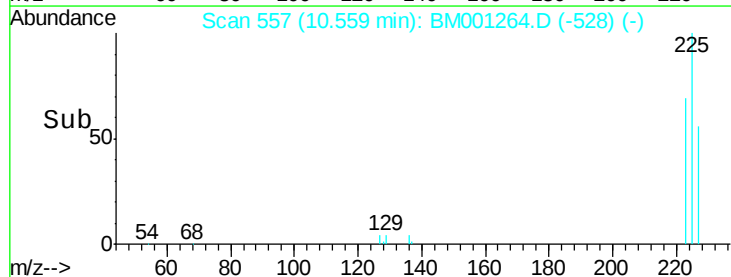
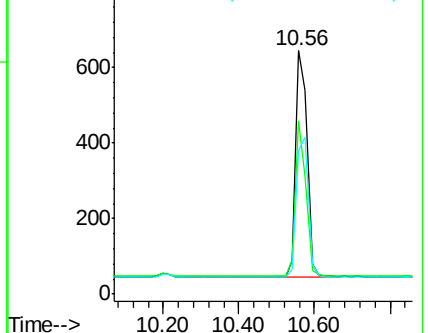
227 64.2 51.4 77.2

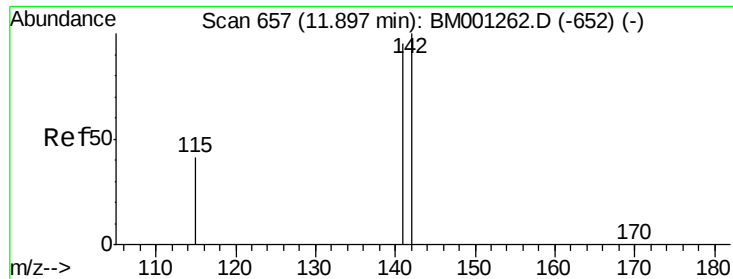


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

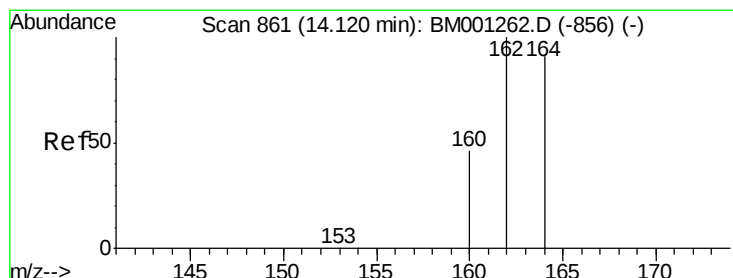
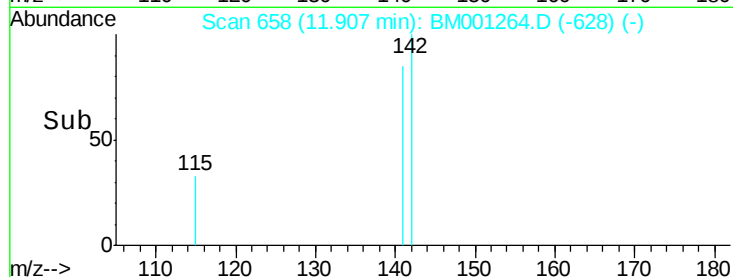
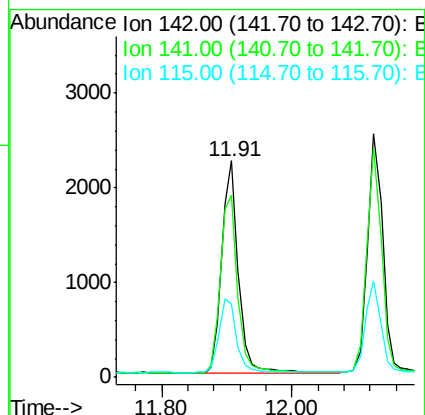
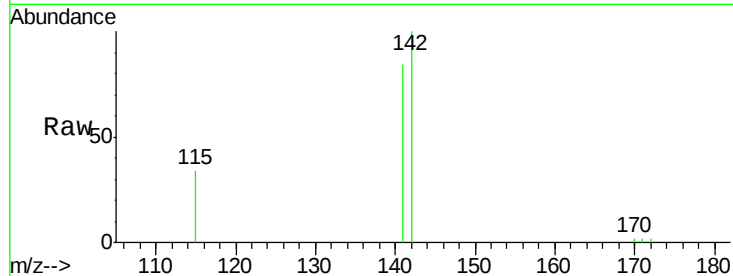




#11
2-Methylnaphthalene
Concen: 0.47 ng
RT: 11.91 min Scan# 658
Delta R.T. 0.01 min
Lab File: BM001264.D
Acq: 12 May 2015 23:06

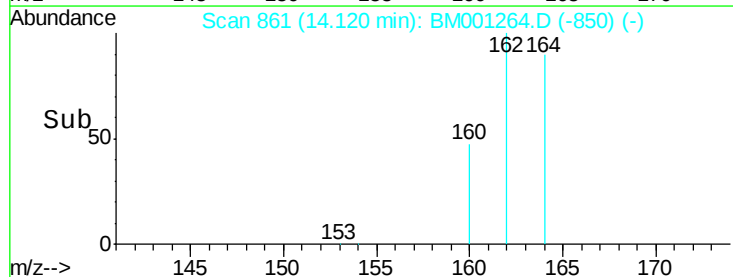
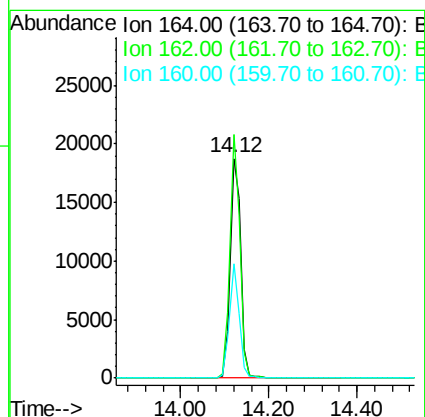
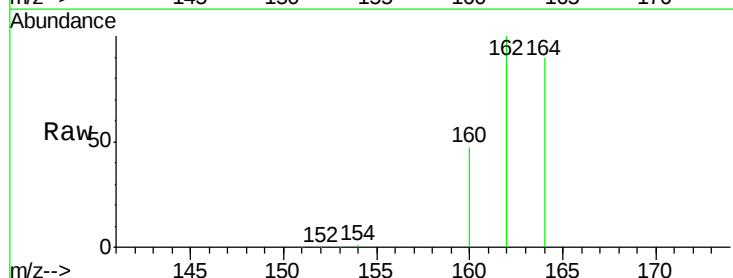
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

Tgt Ion:142 Resp: 3948
Ion Ratio Lower Upper
142 100
141 84.1 76.1 114.1
115 33.6 33.1 49.7



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.12 min Scan# 861
Delta R.T. -0.00 min
Lab File: BM001264.D
Acq: 12 May 2015 23:06

Tgt Ion:164 Resp: 29718
Ion Ratio Lower Upper
164 100
162 110.8 87.9 131.9
160 52.3 40.9 61.3

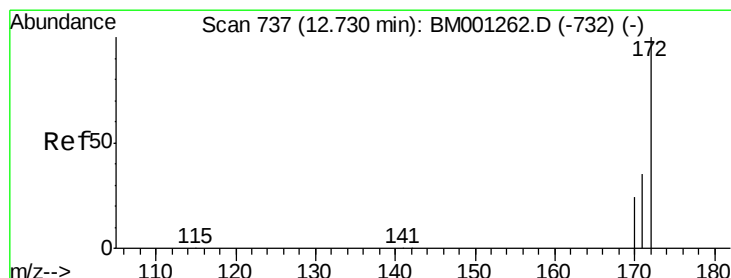
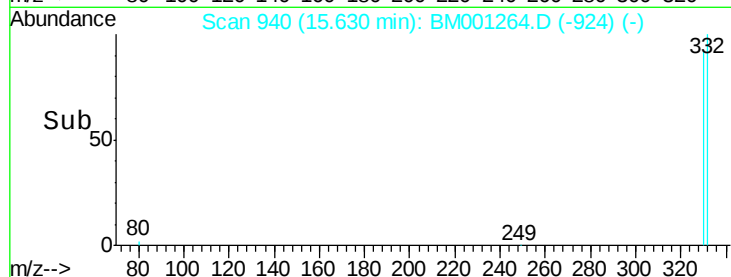
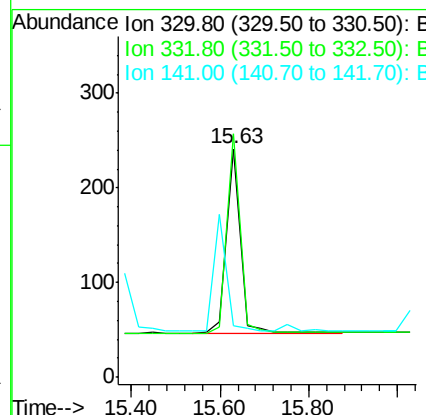
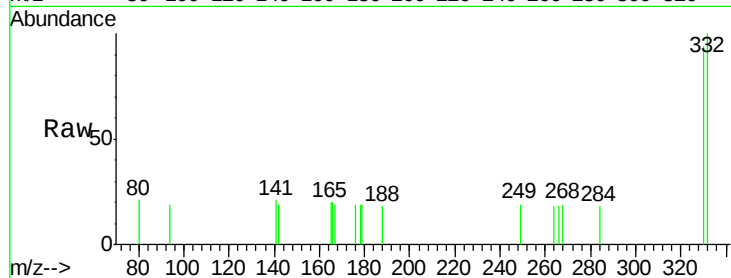




#13
 2,4,6-Tribromophenol
 Concen: 0.29 ng
 RT: 15.63 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BM001264.D
 Acq: 12 May 2015 23:06

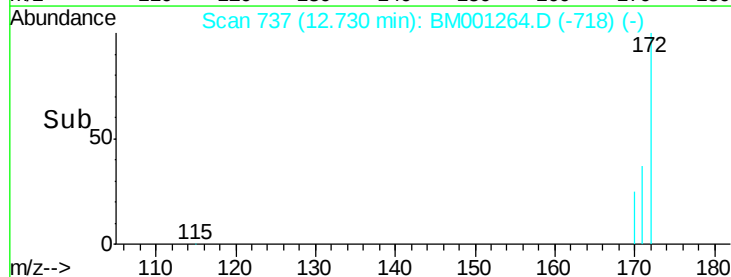
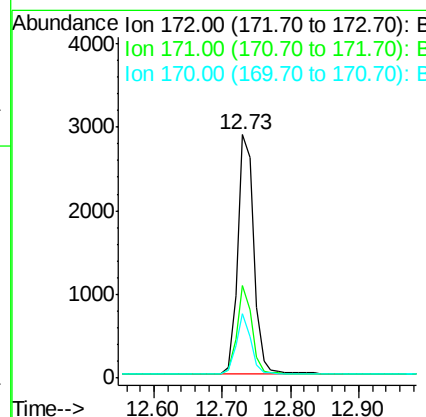
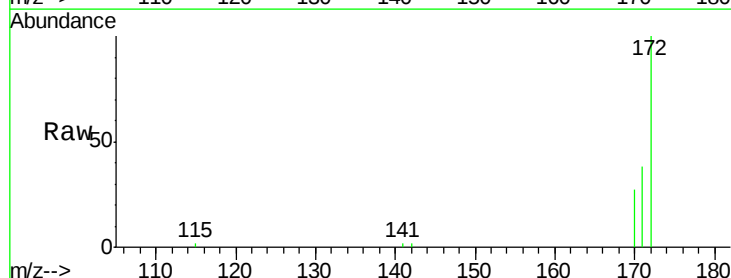
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

Tgt Ion:330 Resp: 426
 Ion Ratio Lower Upper
 330 100
 332 103.1 89.0 133.4
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 0.53 ng
 RT: 12.73 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BM001264.D
 Acq: 12 May 2015 23:06

Tgt Ion:172 Resp: 4769
 Ion Ratio Lower Upper
 172 100
 171 37.9 28.7 43.1
 170 26.6 19.5 29.3





#15

Acenaphthylene

Concen: 0.47 ng

RT: 13.83 min Scan# 837

Delta R.T. -0.00 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

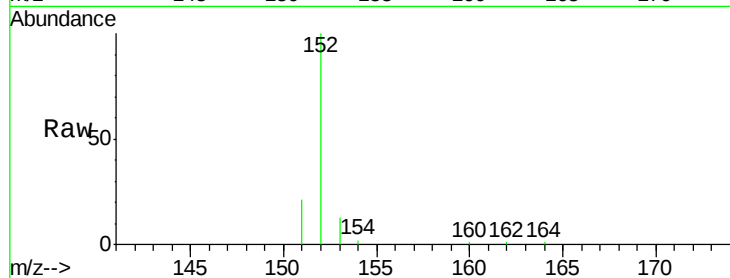
Tgt Ion:152 Resp: 5946

Ion Ratio Lower Upper

152 100

151 18.8 15.0 22.4

153 12.7 10.1 15.1



Abundance Ion 152.00 (151.70 to 152.70): E

5000

Ion 151.00 (150.70 to 151.70): E

4000

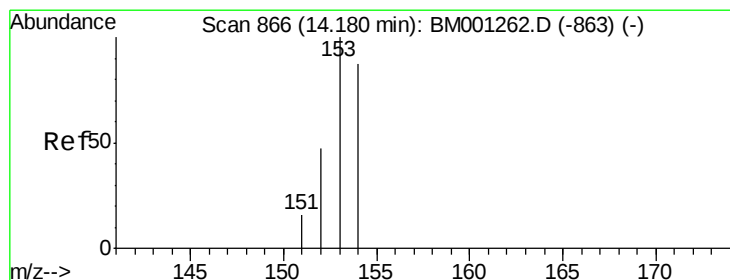
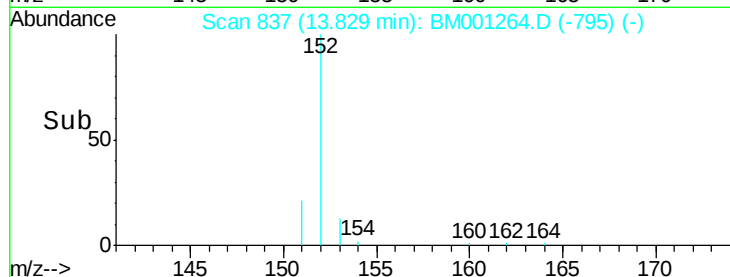
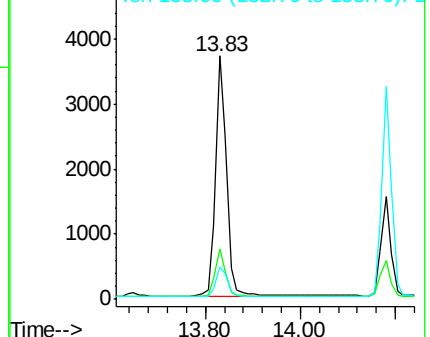
Ion 153.00 (152.70 to 153.70): E

3000

2000

1000

0



#16

Acenaphthene

Concen: 0.51 ng

RT: 14.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

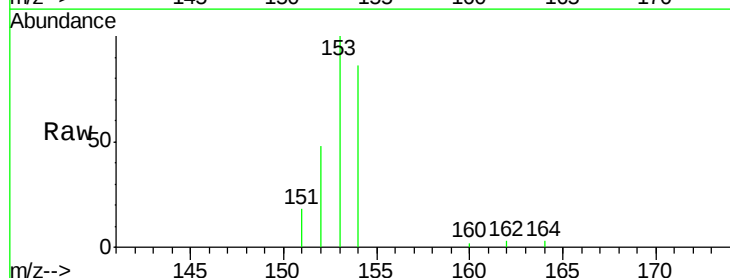
Tgt Ion:154 Resp: 4021

Ion Ratio Lower Upper

154 100

153 114.1 91.4 137.2

152 54.8 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

4000

Ion 153.00 (152.70 to 153.70): E

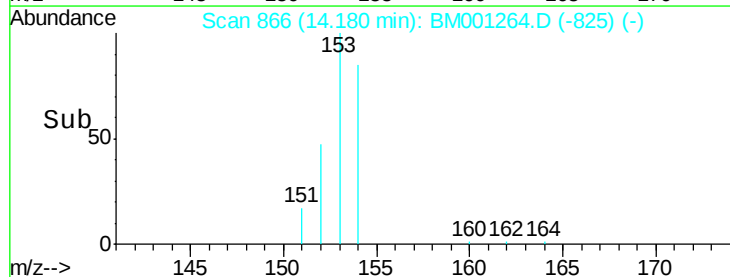
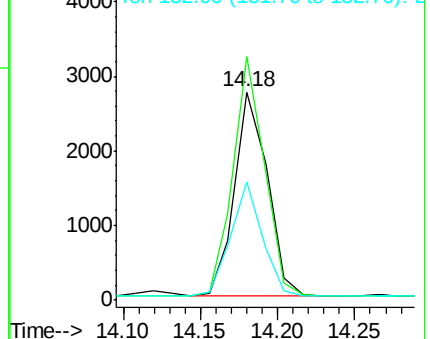
3000

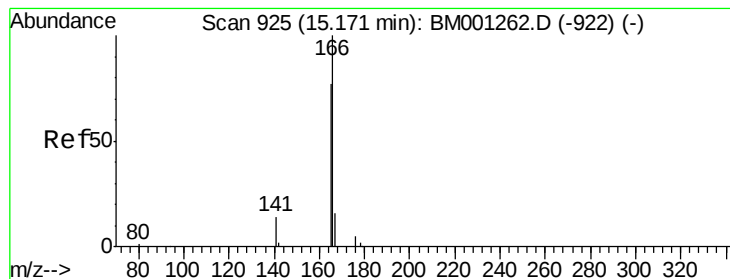
Ion 152.00 (151.70 to 152.70): E

2000

1000

0





#17

Fluorene

Concen: 0.31 ng

RT: 15.17 min Scan# 925

Delta R.T. 0.00 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

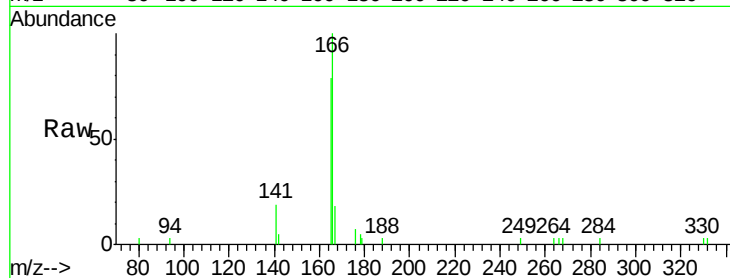
Tgt Ion:166 Resp: 3721

Ion Ratio Lower Upper

166 100

165 93.7 70.6 106.0

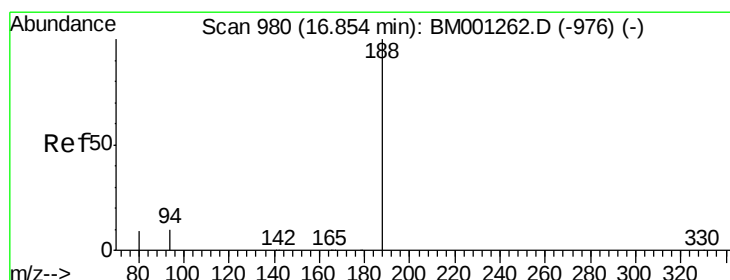
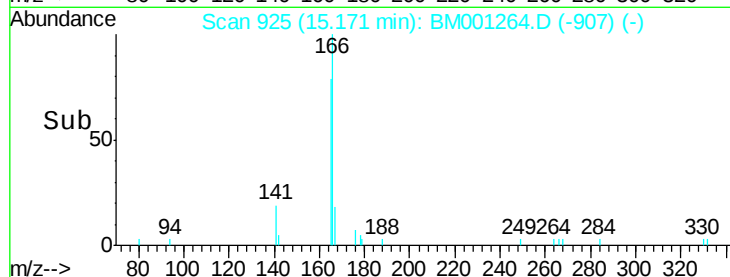
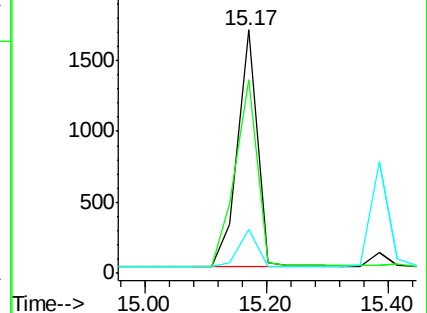
167 14.4 11.3 16.9



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: BM001264.D

Acq: 12 May 2015 23:06

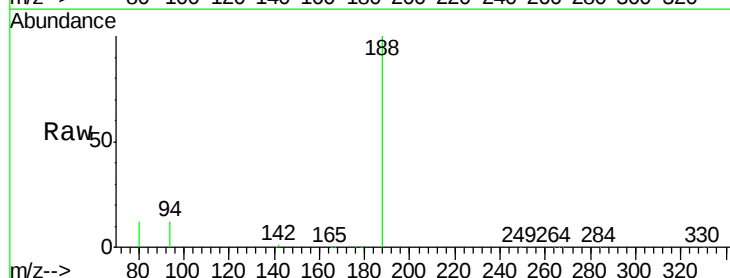
Tgt Ion:188 Resp: 60203

Ion Ratio Lower Upper

188 100

94 11.9 7.8 11.8#

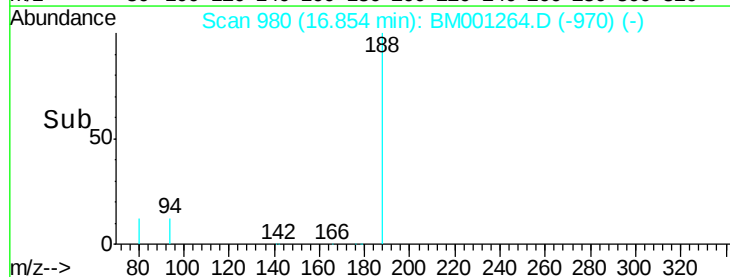
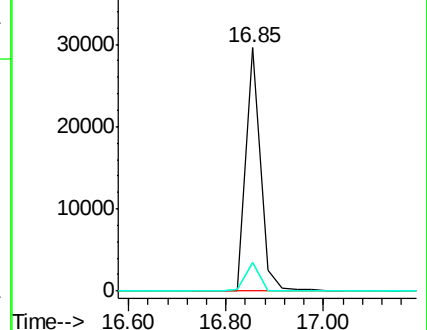
80 11.9 7.5 11.3#



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: 0.61 ng

RT: 16.18 min Scan# 958

Delta R.T. -0.00 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

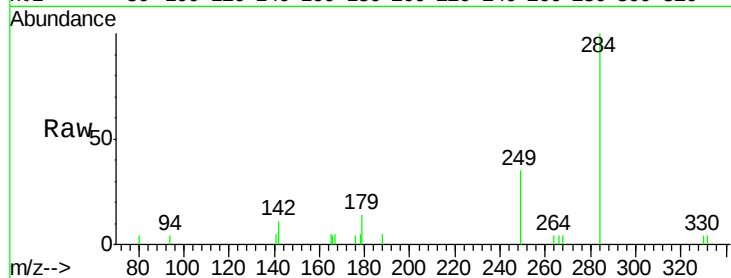
Tgt Ion:284 Resp: 2121

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

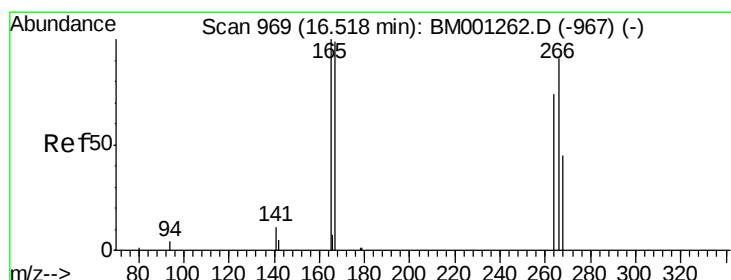
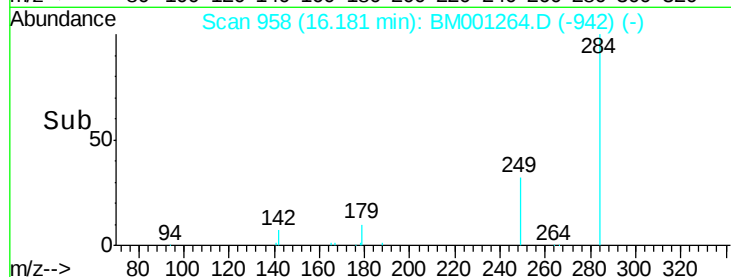
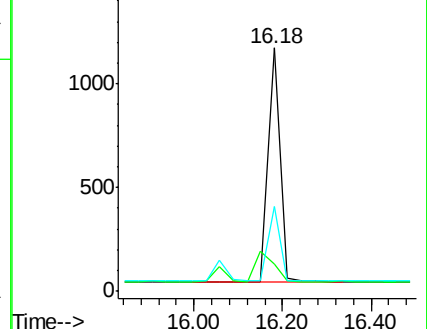
249 31.6 22.7 34.1



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



#20

Pentachlorophenol

Concen: 0.24 ng

RT: 16.55 min Scan# 970

Delta R.T. 0.03 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

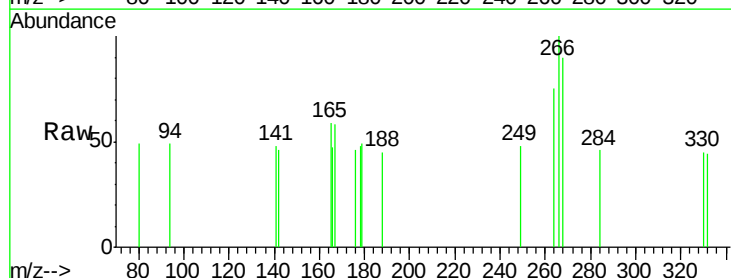
Tgt Ion:266 Resp: 290

Ion Ratio Lower Upper

266 100

268 90.4 49.4 74.0#

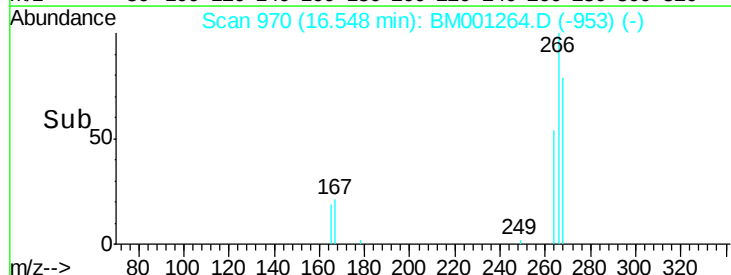
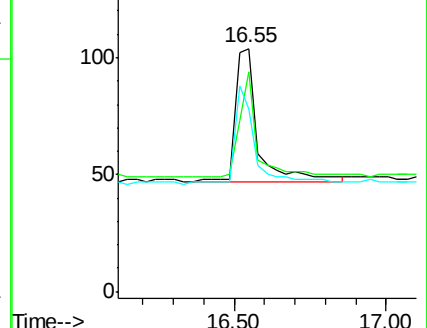
264 75.0 67.8 101.6

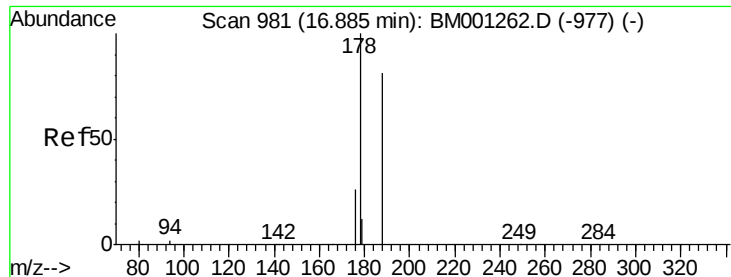


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

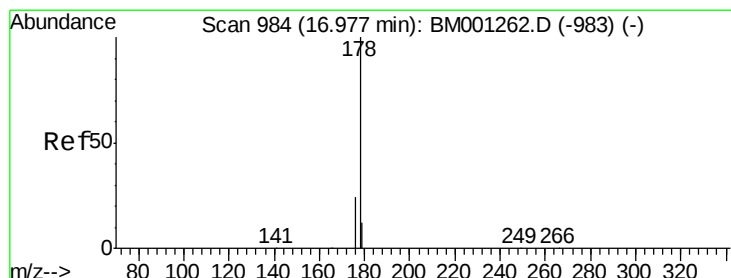
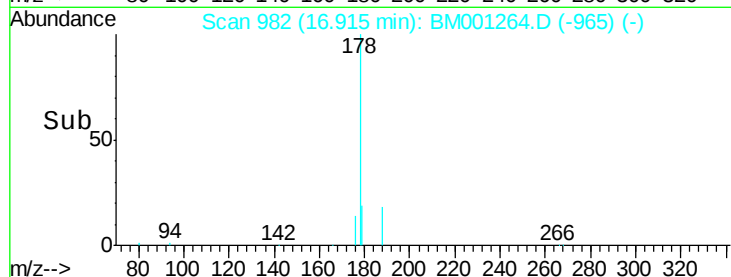
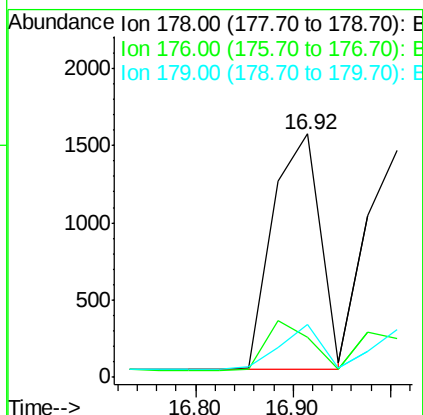
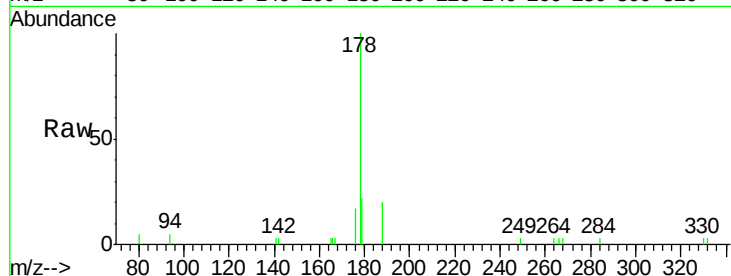




#21
Phenanthrene
Concen: 0.23 ng
RT: 16.92 min Scan# 982
Delta R.T. 0.03 min
Lab File: BM001264.D
Acq: 12 May 2015 23:06

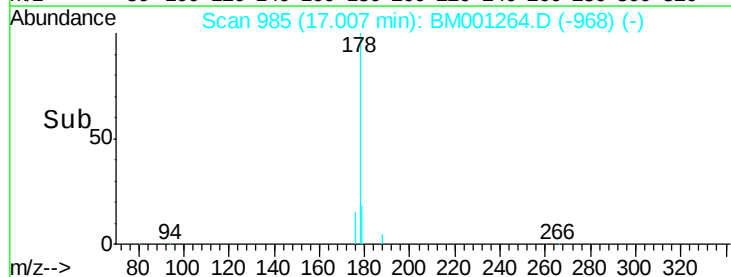
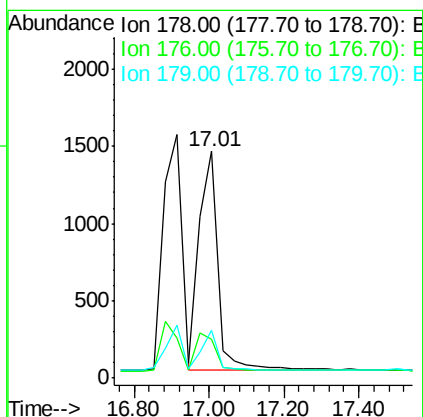
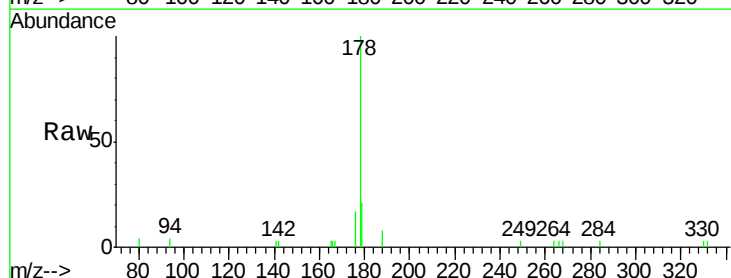
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

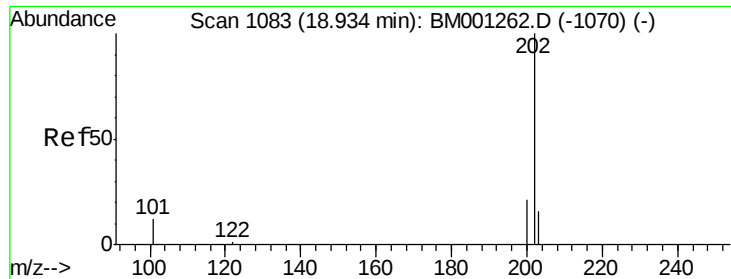
Tgt Ion:178 Resp: 5153
Ion Ratio Lower Upper
178 100
176 0.0 15.9 23.9#
179 16.3 0.0 0.0#



#22
Anthracene
Concen: 0.26 ng
RT: 17.01 min Scan# 985
Delta R.T. 0.03 min
Lab File: BM001264.D
Acq: 12 May 2015 23:06

Tgt Ion:178 Resp: 4964
Ion Ratio Lower Upper
178 100
176 0.0 15.3 22.9#
179 0.0 0.0 0.0





#23

Fluoranthene

Concen: 0.35 ng

RT: 18.93 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

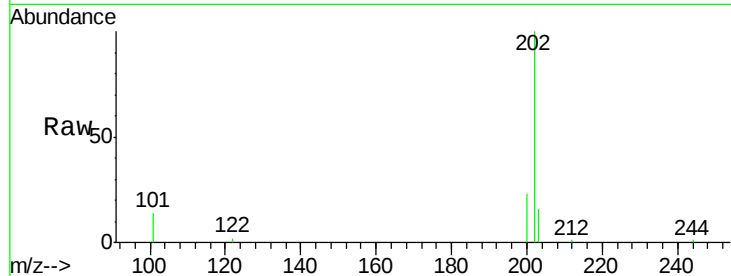
Tgt Ion:202 Resp: 7766

Ion Ratio Lower Upper

202 100

101 11.5 9.1 13.7

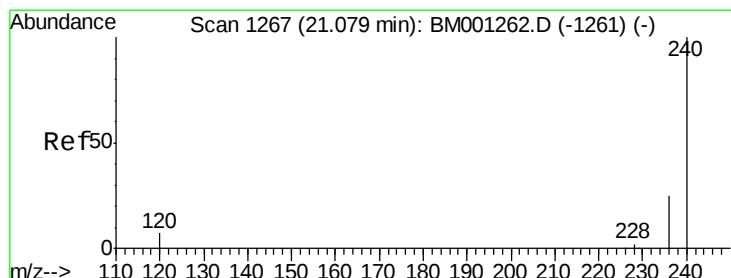
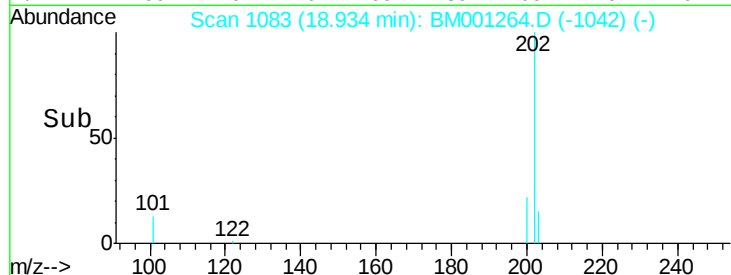
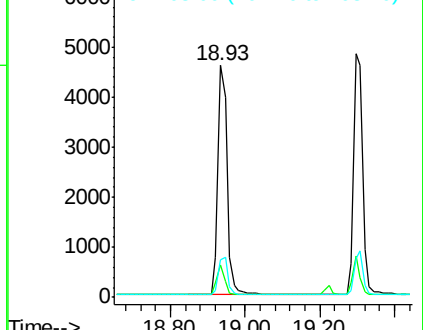
203 17.0 13.8 20.6



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: BM001264.D

Acq: 12 May 2015 23:06

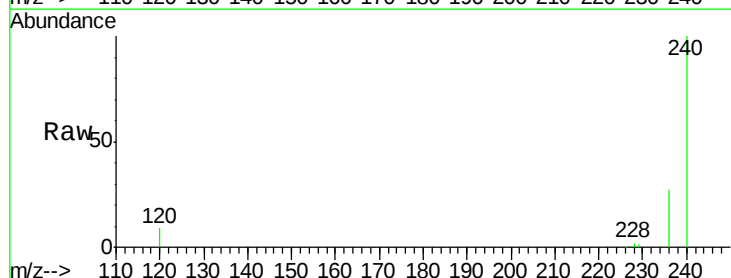
Tgt Ion:240 Resp: 51730

Ion Ratio Lower Upper

240 100

120 9.1 5.5 8.3#

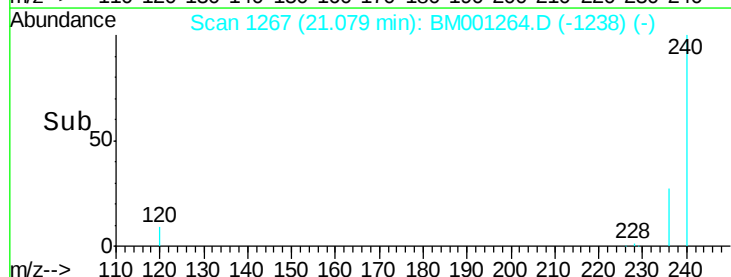
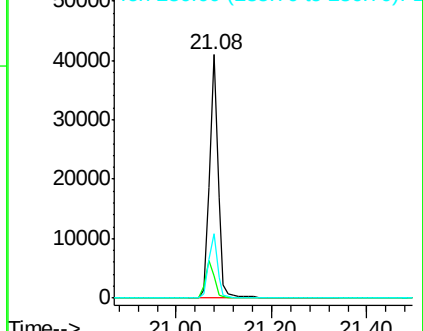
236 26.7 20.4 30.6

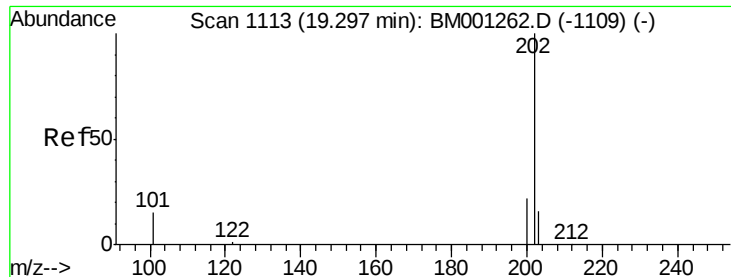


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pyrene

Concen: 0.51 ng

RT: 19.30 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

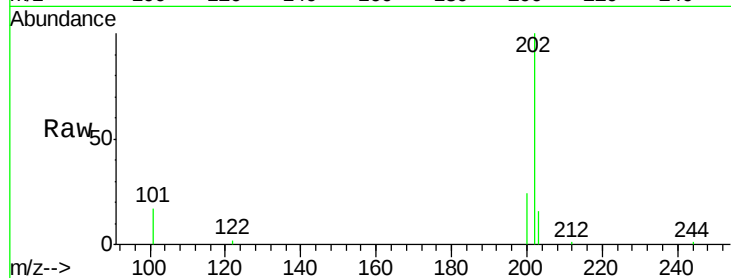
Tgt Ion:202 Resp: 8264

Ion Ratio Lower Upper

202 100

200 20.3 16.4 24.6

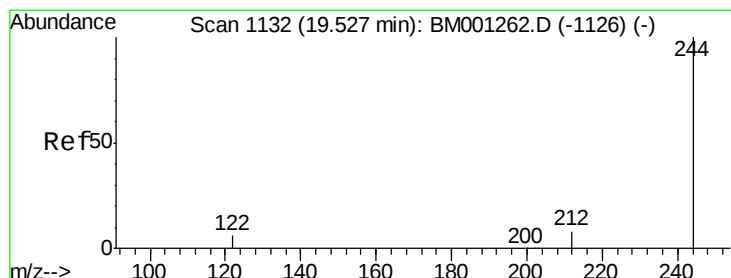
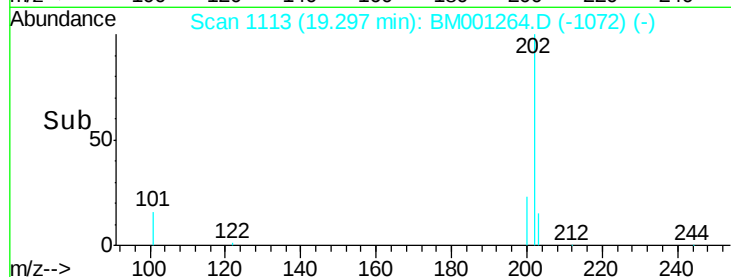
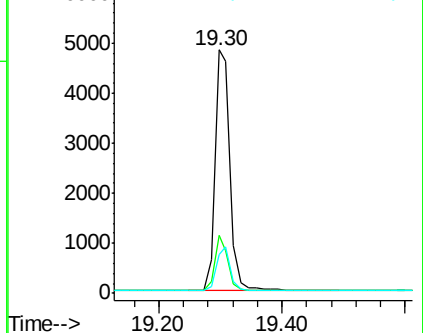
203 17.4 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Terphenyl-d14

Concen: 0.49 ng

RT: 19.53 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

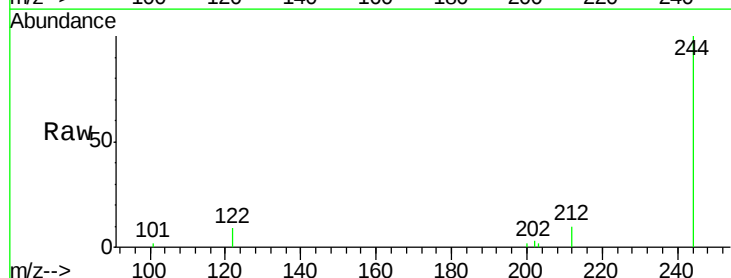
Tgt Ion:244 Resp: 3586

Ion Ratio Lower Upper

244 100

212 10.0 7.2 10.8

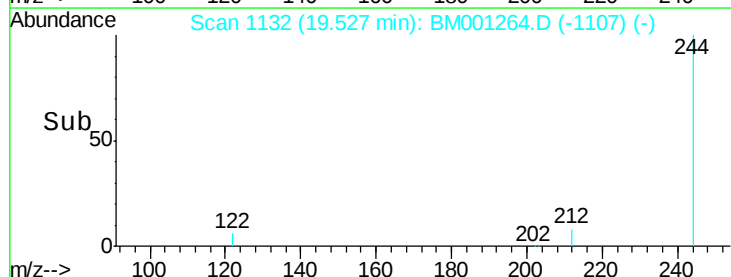
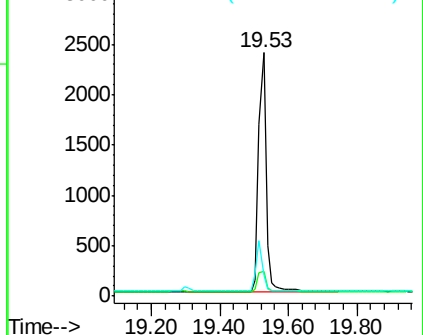
122 8.6 5.6 8.4#



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





#27

Benzo(a)anthracene

Concen: 0.49 ng

RT: 21.06 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

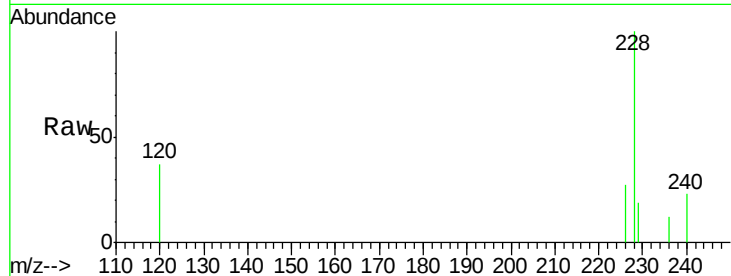
Tgt Ion:228 Resp: 7123

Ion Ratio Lower Upper

228 100

226 26.7 20.5 30.7

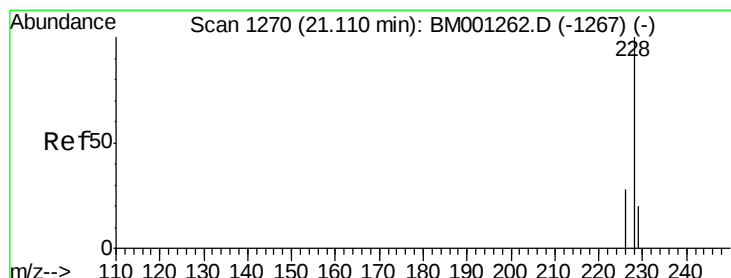
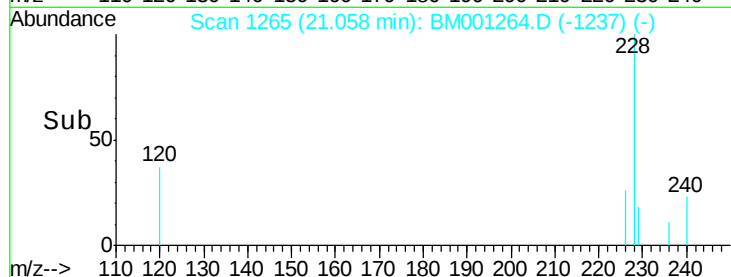
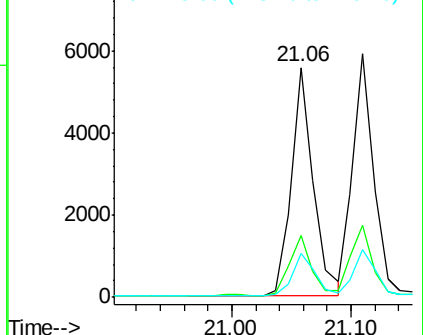
229 19.2 16.2 24.4



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



#28

Chrysene

Concen: 0.52 ng

RT: 21.11 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

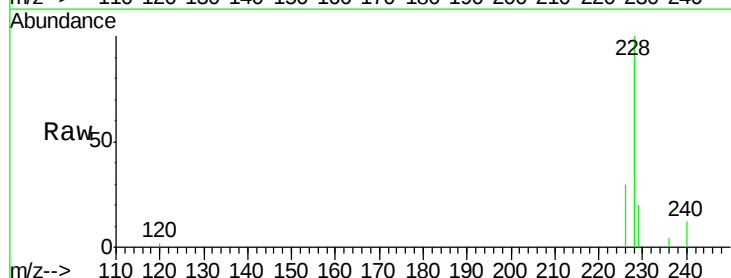
Tgt Ion:228 Resp: 7391

Ion Ratio Lower Upper

228 100

226 29.6 22.2 33.2

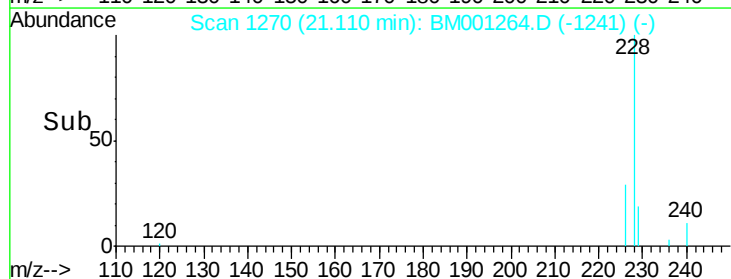
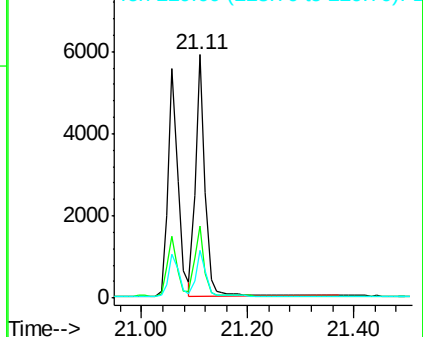
229 19.6 16.5 24.7

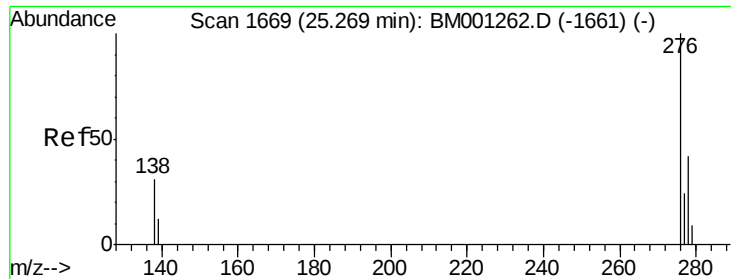


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Indeno(1,2,3-cd)pyrene

Concen: 0.66 ng

RT: 25.28 min Scan# 1670

Delta R.T. 0.01 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

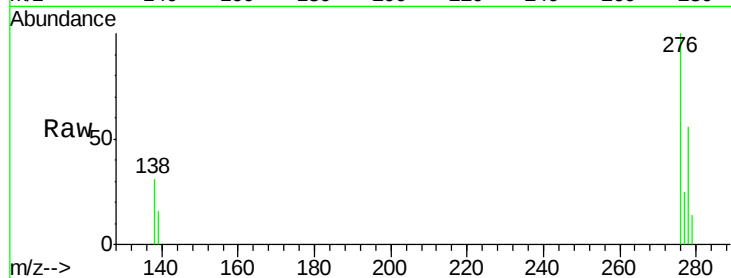
Tgt Ion:276 Resp: 7656

Ion Ratio Lower Upper

276 100

138 30.7 24.9 37.3

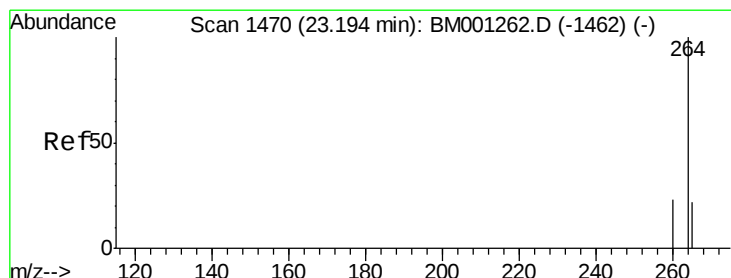
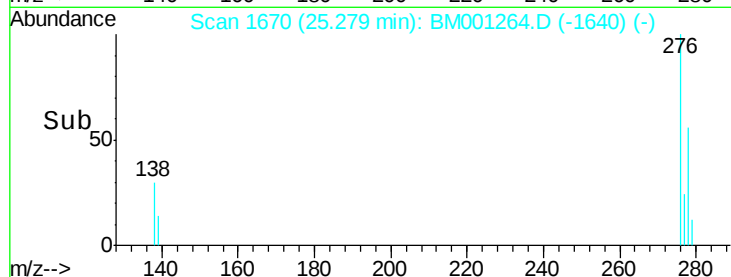
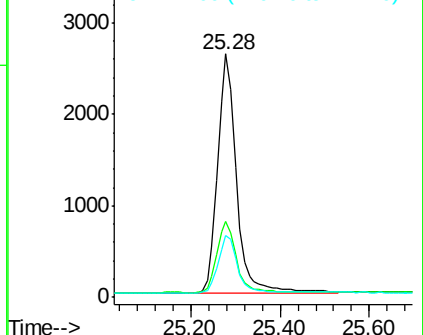
277 24.4 19.5 29.3



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: 23.19 min Scan# 1470

Delta R.T. -0.00 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

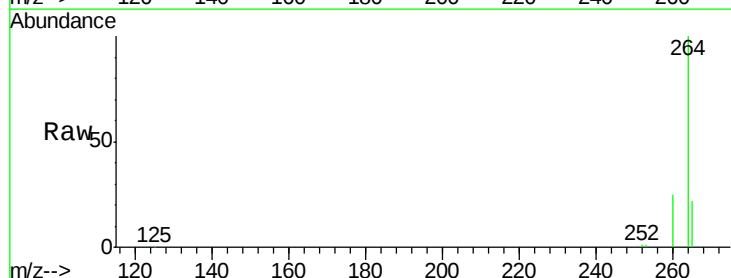
Tgt Ion:264 Resp: 47948

Ion Ratio Lower Upper

264 100

260 24.8 18.9 28.3

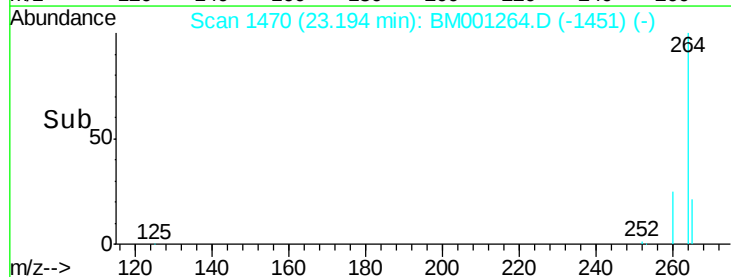
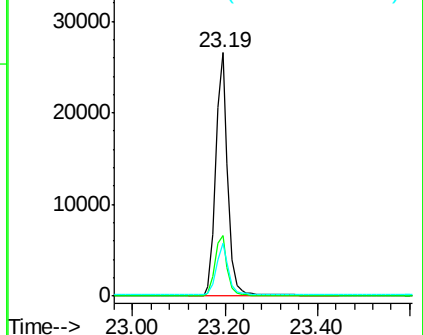
265 21.8 18.1 27.1

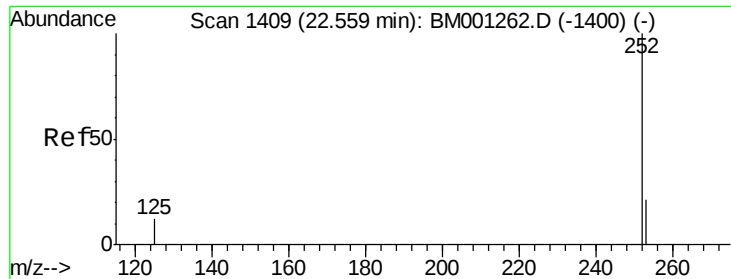


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#31

Benzo(b)fluoranthene

Concen: 0.45 ng

RT: 22.56 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

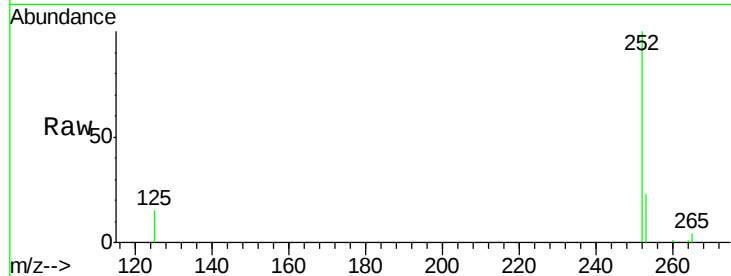
Tgt Ion:252 Resp: 6815

Ion Ratio Lower Upper

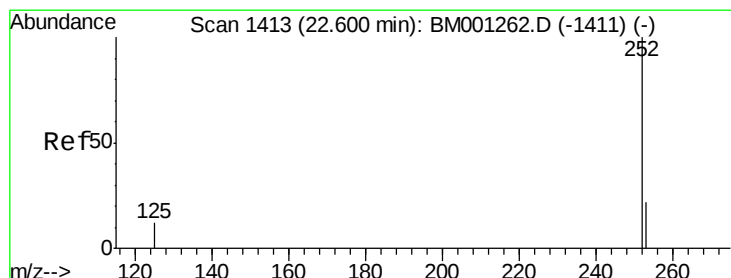
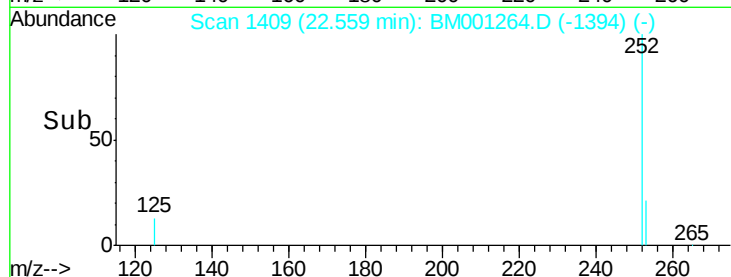
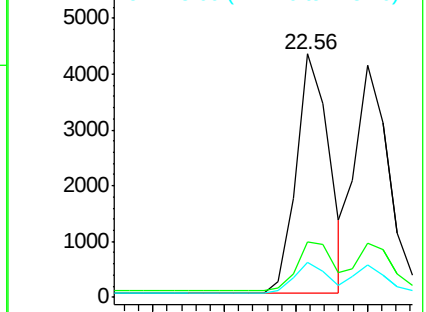
252 100

253 23.0 17.8 26.6

125 14.6 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: 0.51 ng

RT: 22.60 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

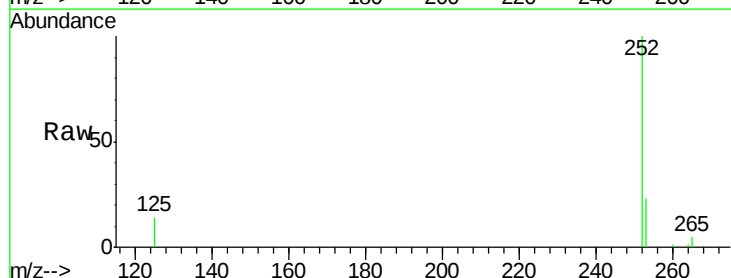
Tgt Ion:252 Resp: 7082

Ion Ratio Lower Upper

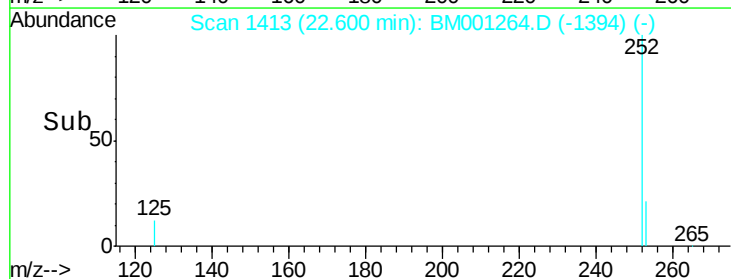
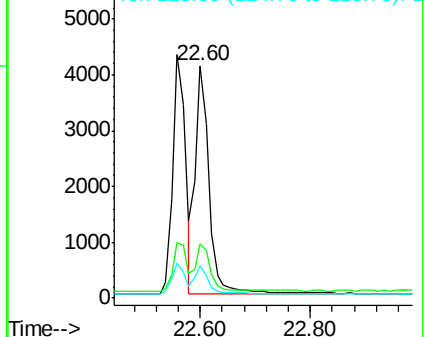
252 100

253 23.4 18.6 27.8

125 13.9 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: 0.50 ng

RT: 23.10 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

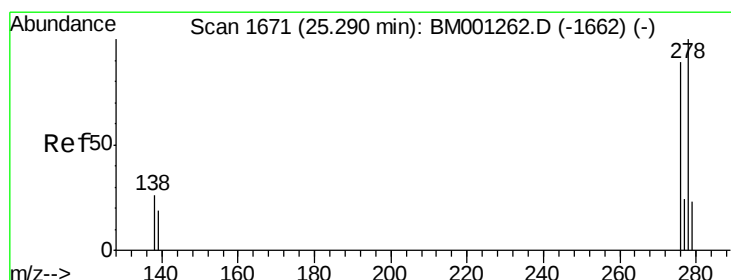
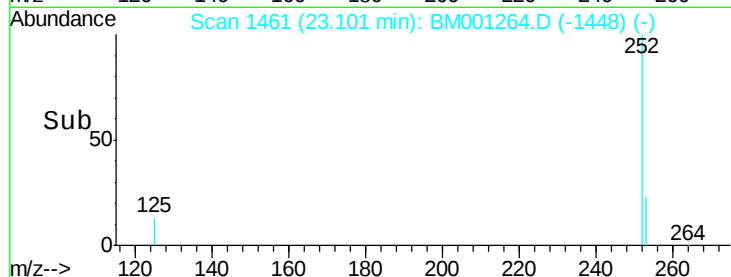
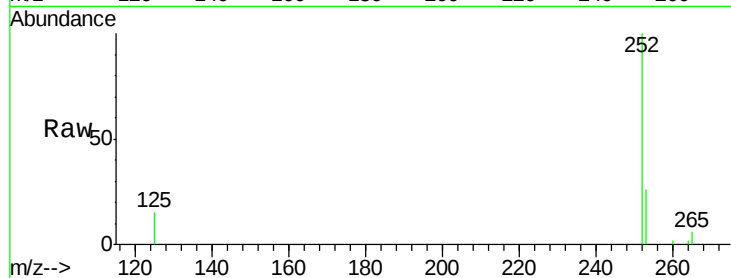
Tgt Ion:252 Resp: 6156

Ion Ratio Lower Upper

252 100

253 26.3 18.3 27.5

125 14.9 12.2 18.2



#34

Dibenzo(a,h)anthracene

Concen: 0.57 ng

RT: 25.29 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BM001264.D

Acq: 12 May 2015 23:06

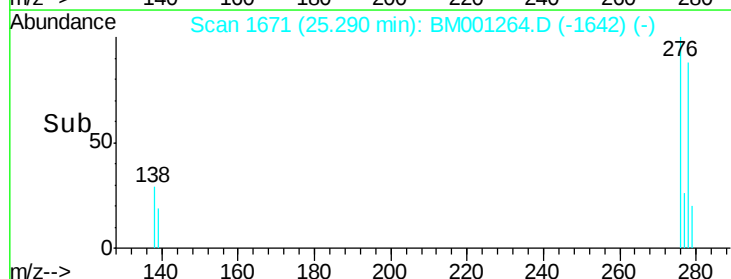
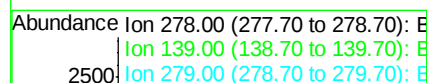
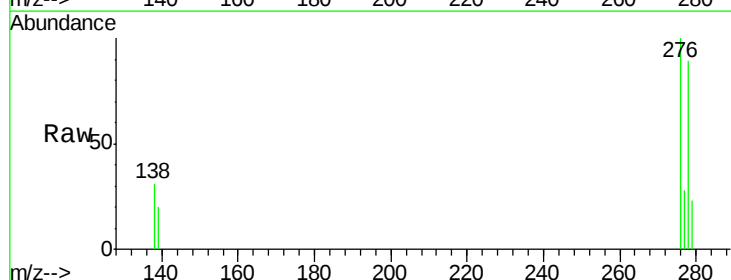
Tgt Ion:278 Resp: 5914

Ion Ratio Lower Upper

278 100

139 23.1 16.6 24.8

279 25.7 20.0 30.0





#35

Benzo(g,h,i)perylene

Concen: 0.61 ng

RT: 25.92 min Scan# 1731

Delta R.T. -0.00 min

Lab File: BM001264.D

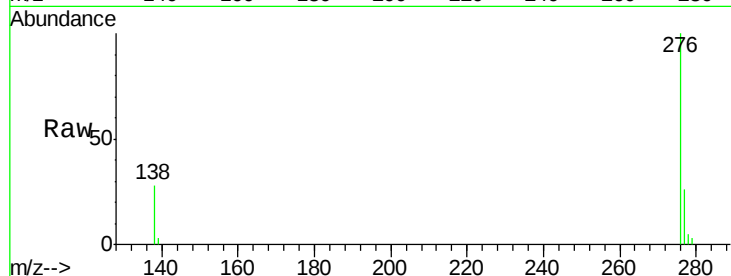
Acq: 12 May 2015 23:06

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5



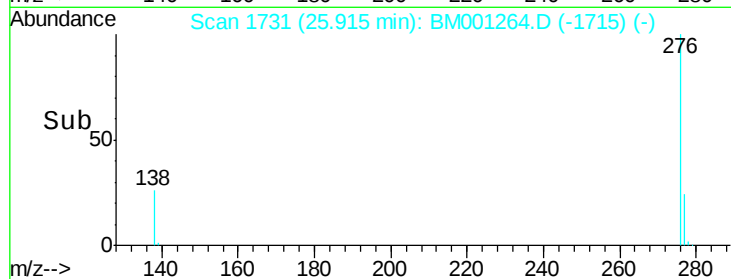
Tgt Ion: 276 Resp: 6540

Ion Ratio Lower Upper

276 100

277 25.6 19.9 29.9

138 28.3 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

