

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051615\
 Data File : BM001299.D
 Acq On : 14 May 2015 19:35
 Operator : TP/IZ
 Sample : G2210-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 050815-P17-E-D-B

Quant Time: May 15 05:31:56 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 05:14:53 2015
 Response via : Initial Calibration

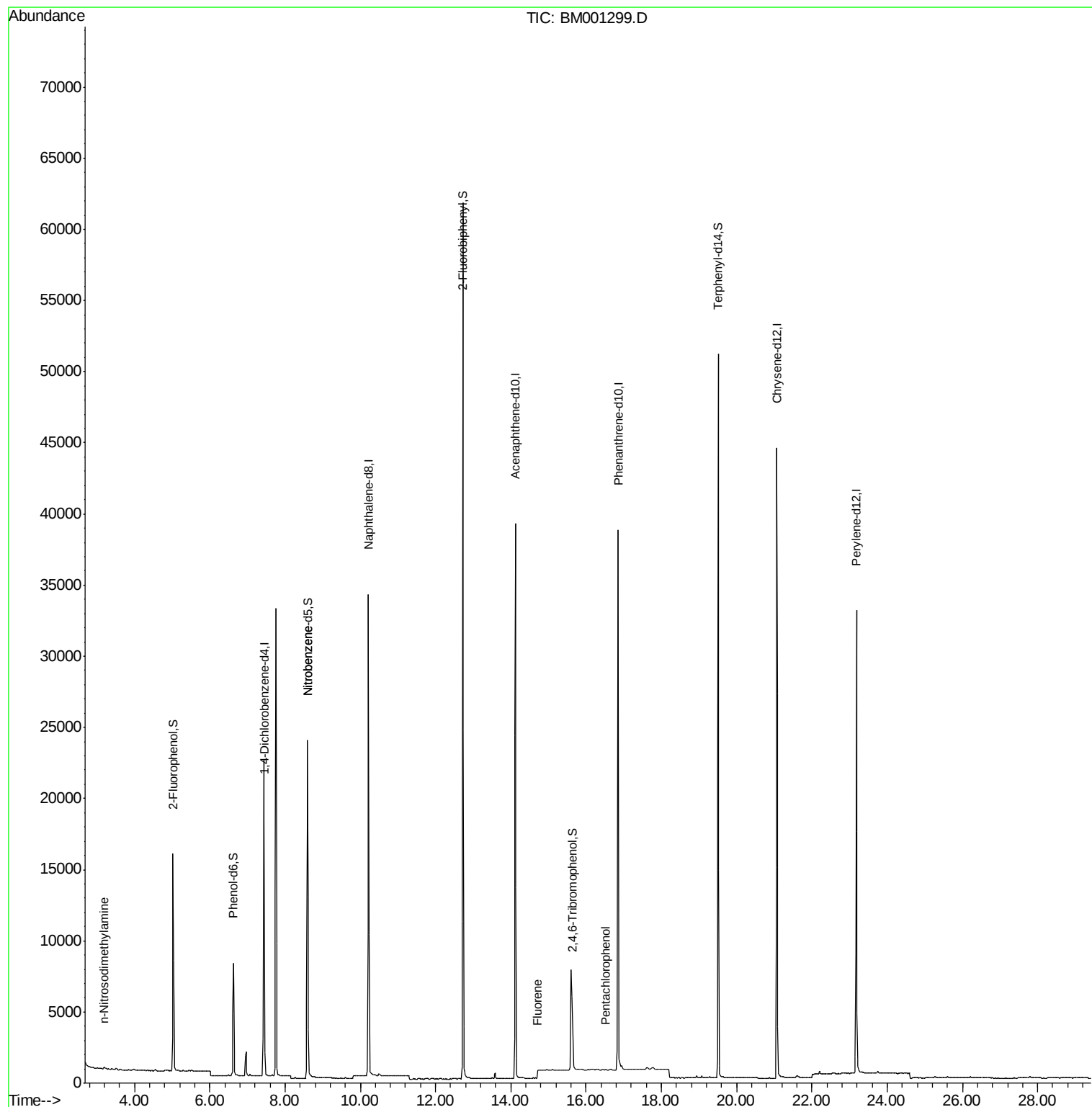
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	12921	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	45041	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	23104	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	67290	5.00	ng	0.00
24) Chrysene-d12	21.07	240	40815	5.00	ng	-0.01
30) Perylene-d12	23.18	264	39160	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	12098	4.81	ng	-0.02
5) Phenol-d6	6.63	99	8744	3.08	ng	0.00
7) Nitrobenzene-d5	8.60	82	20510	7.17	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	7304	9.21	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	59333	8.27	ng	0.00
26) Terphenyl-d14	19.51	244	50481	9.21	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.18	42	75	0.05	ng	# 1
8) Nitrobenzene	8.60	77	76	0.16	ng	# 29
17) Fluorene	14.71	166	574	0.10	ng	# 81
20) Pentachlorophenol	16.52	266	18	0.43	ng	# 71

(#) = 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: BM001299.D

Acq: 14 May 2015 19:35

Instrument :

BNA_M

ClientSampleId :

050815-P17-E-D-B

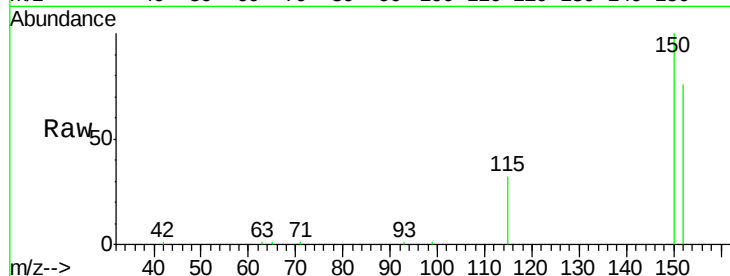
Tgt Ion:152 Resp: 12921

Ion Ratio Lower Upper

152 100

150 131.2 114.6 172.0

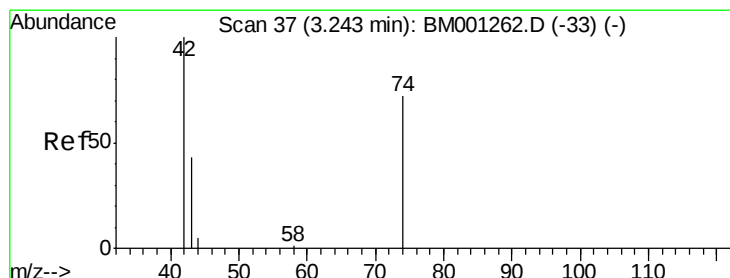
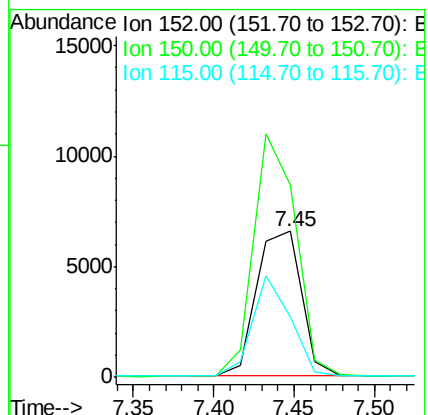
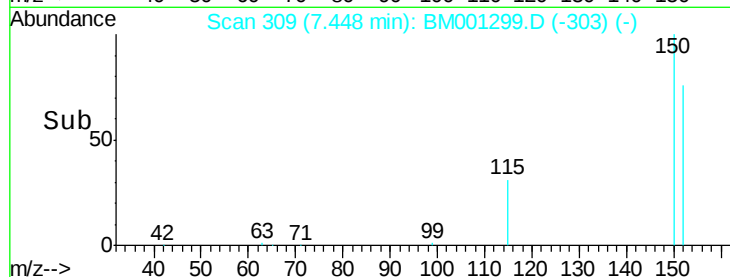
115 41.7 39.3 58.9



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



#3

n-Nitrosodimethylamine

Concen: 0.05 ng

RT: 3.18 min Scan# 33

Delta R.T. -0.06 min

Lab File: BM001299.D

Acq: 14 May 2015 19:35

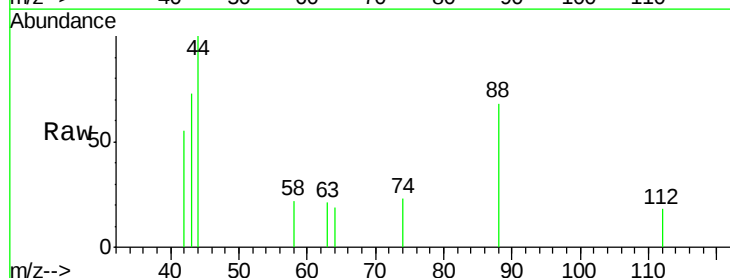
Tgt Ion: 42 Resp: 75

Ion Ratio Lower Upper

42 100

74 6.7 82.1 123.1#

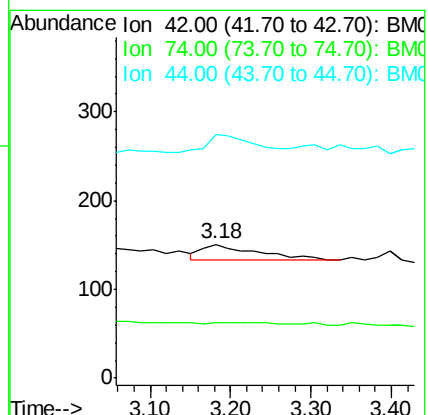
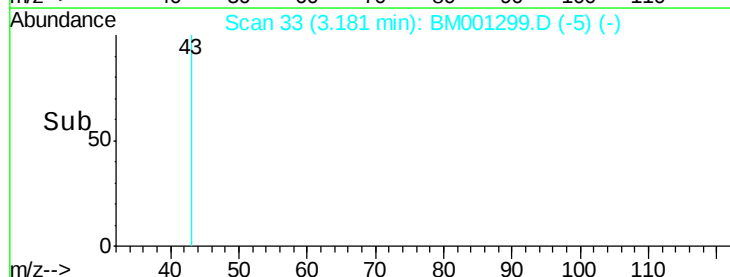
44 101.3 3.0 4.4#

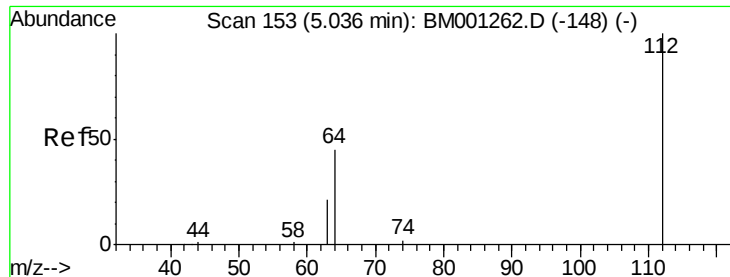


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#4

2-Fluorophenol

Concen: 4.81 ng

RT: 5.02 min Scan# 152

Delta R.T. -0.02 min

Lab File: BM001299.D

Acq: 14 May 2015 19:35

Instrument :

BNA_M

ClientSampleId :

050815-P17-E-D-B

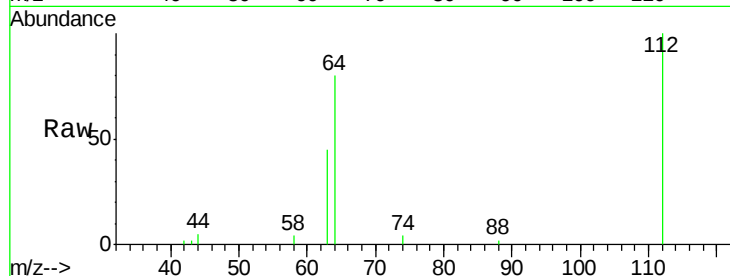
Tgt Ion: 112 Resp: 12098

Ion Ratio Lower Upper

112 100

64 64.3 50.8 76.2

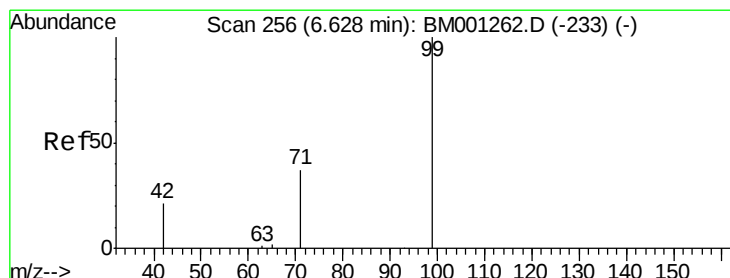
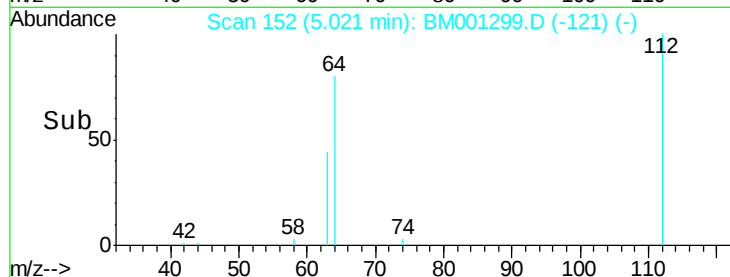
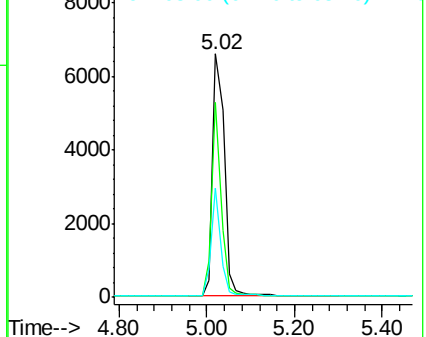
63 35.7 28.2 42.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#5

Phenol-d6

Concen: 3.08 ng

RT: 6.63 min Scan# 256

Delta R.T. 0.00 min

Lab File: BM001299.D

Acq: 14 May 2015 19:35

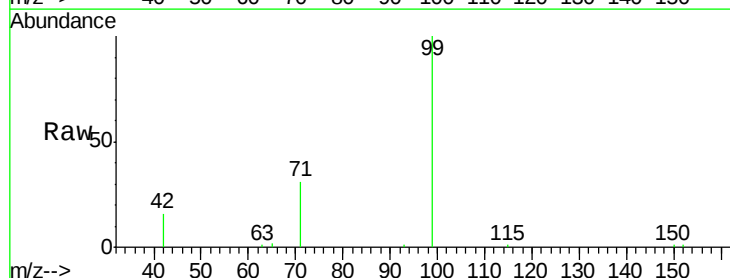
Tgt Ion: 99 Resp: 8744

Ion Ratio Lower Upper

99 100

42 23.7 19.9 29.9

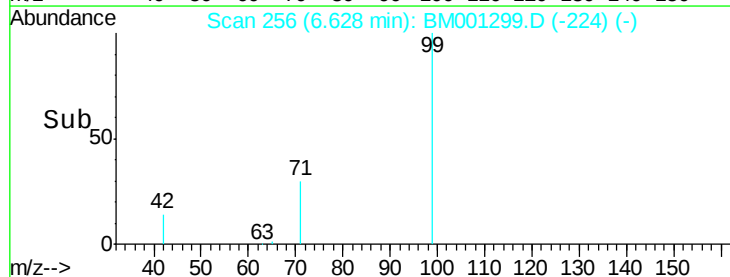
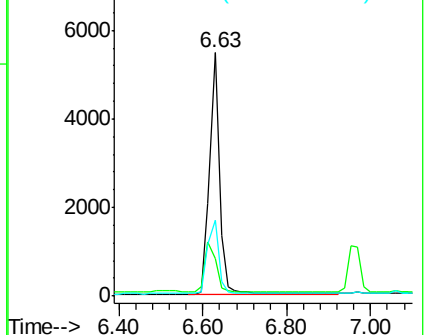
71 34.2 28.0 42.0

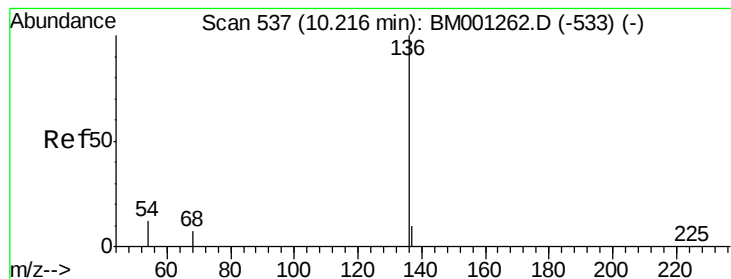


Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM001299.D

Acq: 14 May 2015 19:35

Instrument :

BNA_M

ClientSampleId :

050815-P17-E-D-B

Tgt Ion:136 Resp: 45041

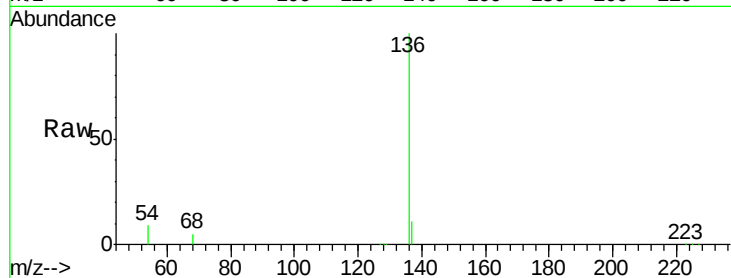
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 8.8 9.5 14.3#

68 5.3 5.5 8.3#

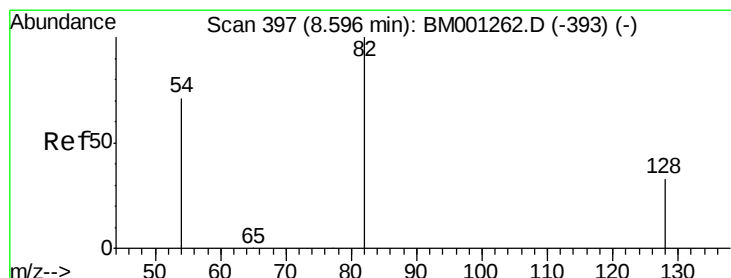
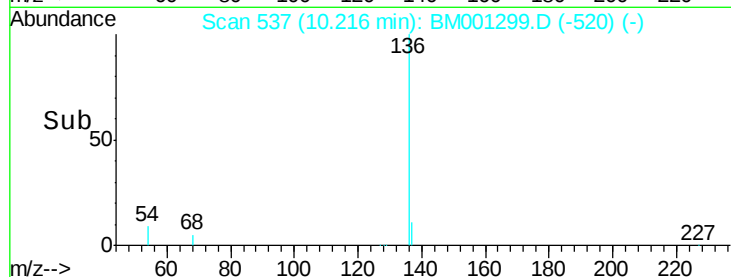
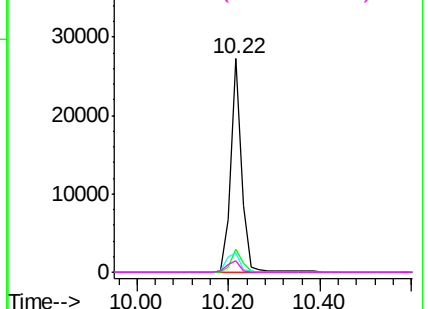


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#7

Nitrobenzene-d5

Concen: 7.17 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001299.D

Acq: 14 May 2015 19:35

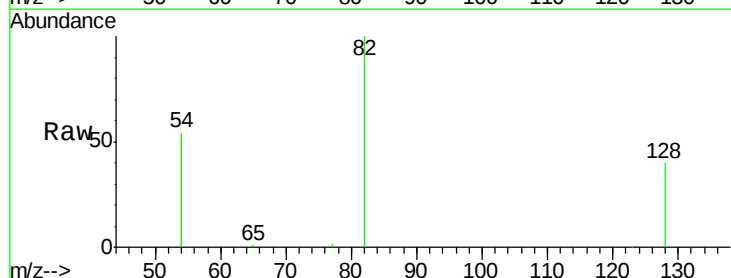
Tgt Ion: 82 Resp: 20510

Ion Ratio Lower Upper

82 100

128 40.4 28.0 42.0

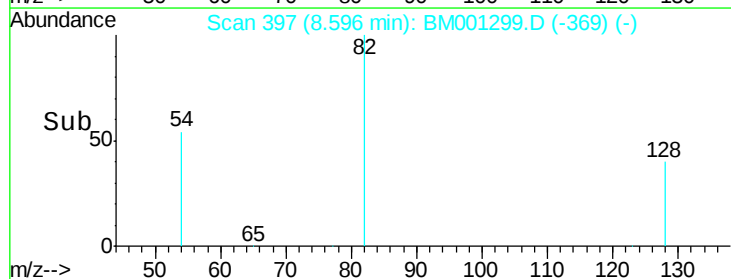
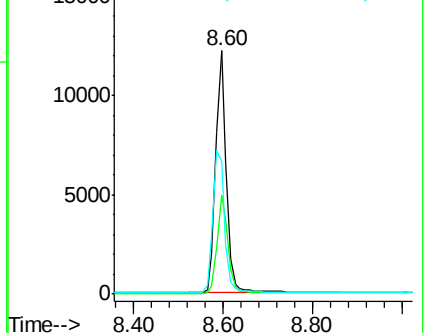
54 54.3 57.3 85.9#

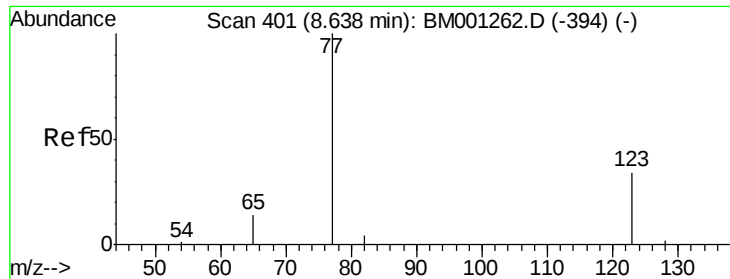


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#8

Nitrobenzene

Concen: 0.16 ng

RT: 8.60 min Scan# 397

Delta R.T. -0.04 min

Lab File: BM001299.D

Acq: 14 May 2015 19:35

Instrument :

BNA_M

ClientSampleId :

050815-P17-E-D-B

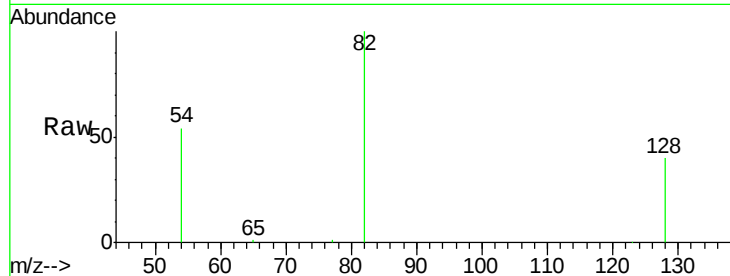
Tgt Ion: 77 Resp: 76

Ion Ratio Lower Upper

77 100

123 0.0 33.4 50.2#

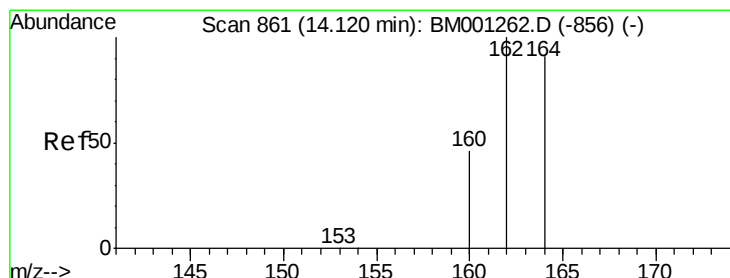
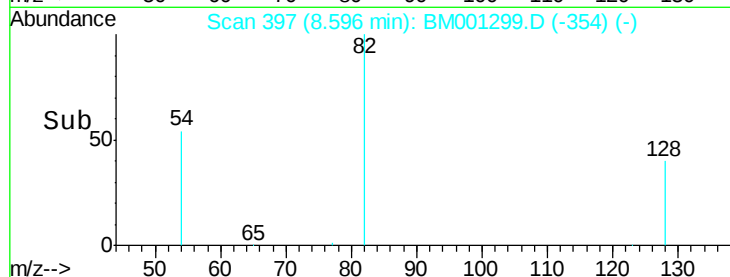
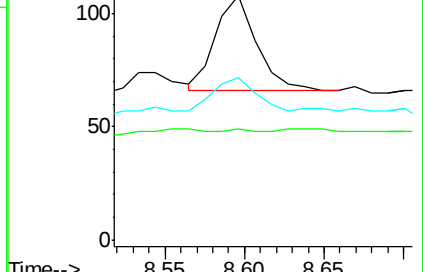
65 47.4 10.6 15.8#



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) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.12 min Scan# 861

Delta R.T. 0.00 min

Lab File: BM001299.D

Acq: 14 May 2015 19:35

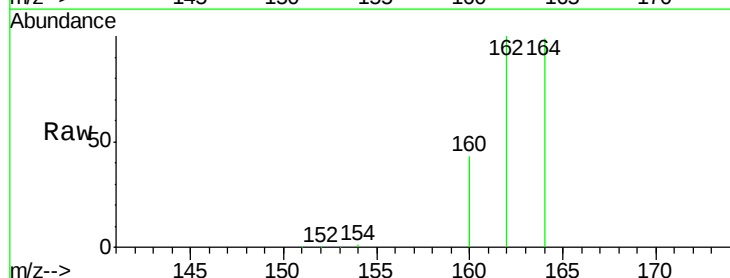
Tgt Ion: 164 Resp: 23104

Ion Ratio Lower Upper

164 100

162 101.3 87.9 131.9

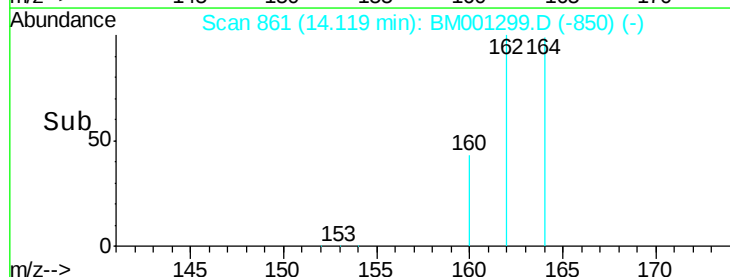
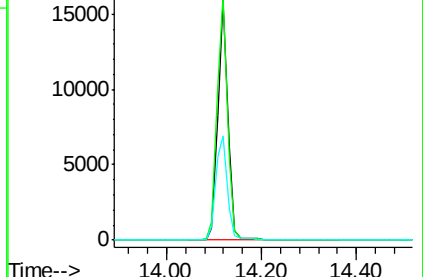
160 43.4 40.9 61.3

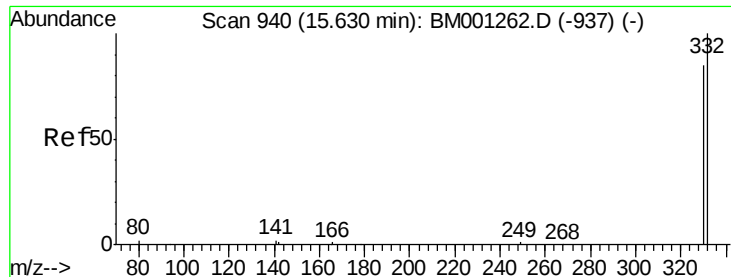


Abundance Ion 164.00 (163.70 to 164.70): BM001262.D (-856) (-)

Ion 162.00 (161.70 to 162.70): BM001262.D (-856) (-)

Ion 160.00 (159.70 to 160.70): BM001262.D (-856) (-)

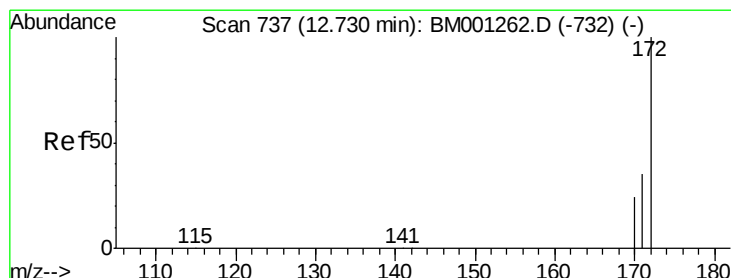
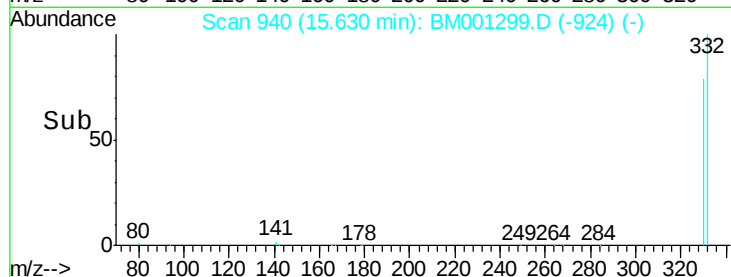
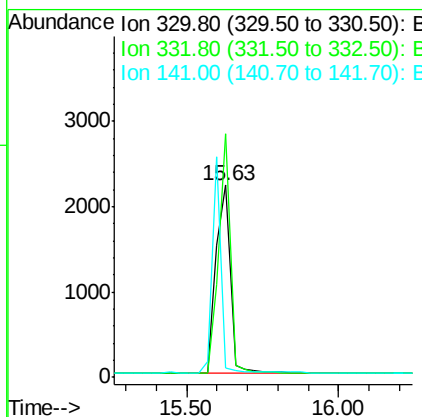
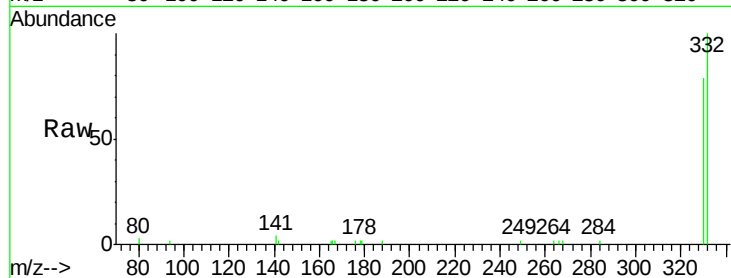




#13
 2,4,6-Tribromophenol
 Concen: 9.21 ng
 RT: 15.63 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BM001299.D
 Acq: 14 May 2015 19:35

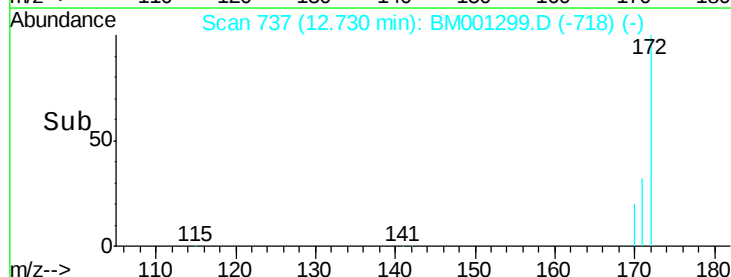
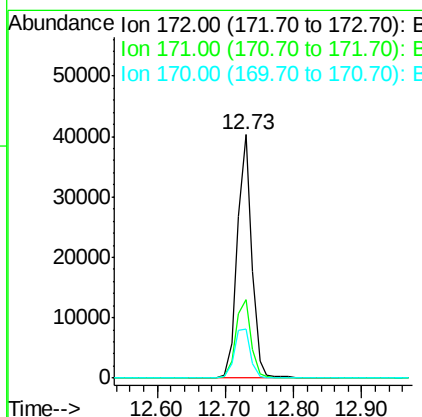
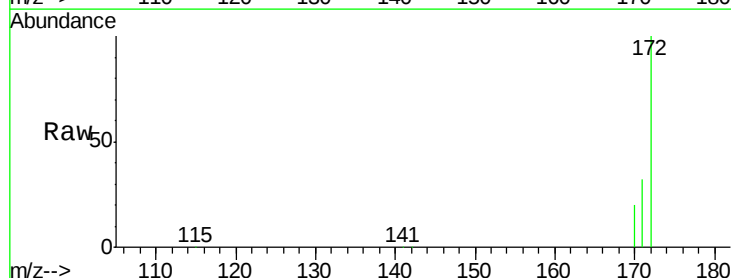
Instrument :
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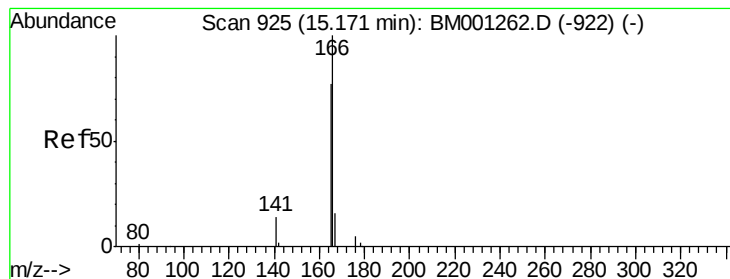
Tgt Ion:330 Resp: 7304
 Ion Ratio Lower Upper
 330 100
 332 102.7 89.0 133.4
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 8.27 ng
 RT: 12.73 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BM001299.D
 Acq: 14 May 2015 19:35

Tgt Ion:172 Resp: 59333
 Ion Ratio Lower Upper
 172 100
 171 32.5 28.7 43.1
 170 20.3 19.5 29.3





#17

Fluorene

Concen: 0.10 ng

RT: 14.71 min Scan# 910

Delta R.T. -0.46 min

Lab File: BM001299.D

Acq: 14 May 2015 19:35

Instrument :

BNA_M

ClientSampleId :

050815-P17-E-D-B

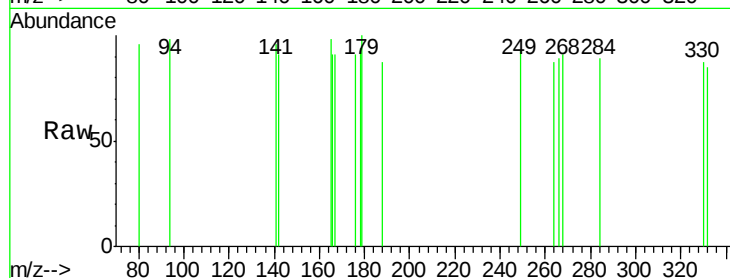
Tgt Ion:166 Resp: 574

Ion Ratio Lower Upper

166 100

165 73.3 70.6 106.0

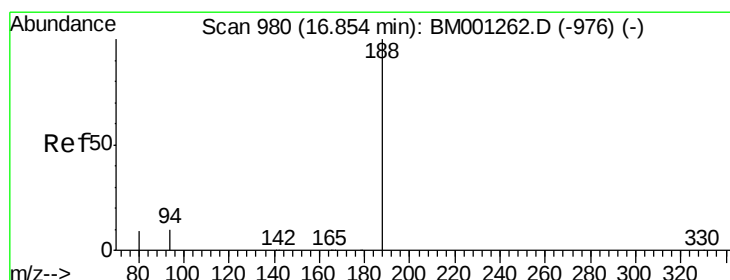
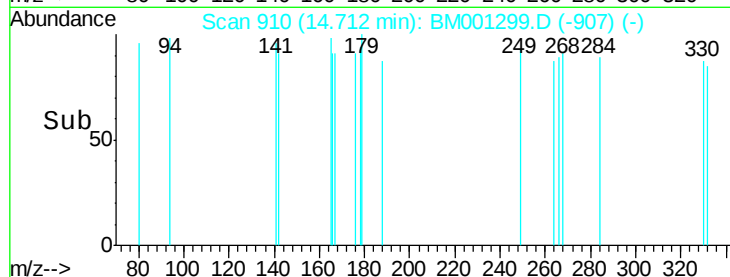
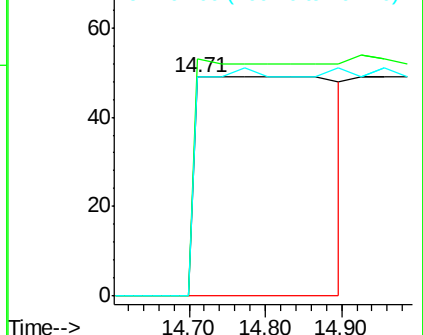
167 0.0 11.3 16.9#



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: BM001299.D

Acq: 14 May 2015 19:35

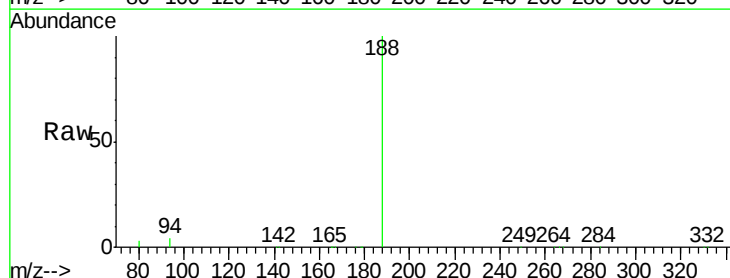
Tgt Ion:188 Resp: 67290

Ion Ratio Lower Upper

188 100

94 3.7 7.8 11.8#

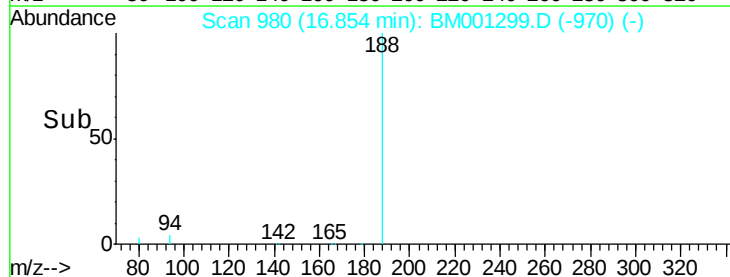
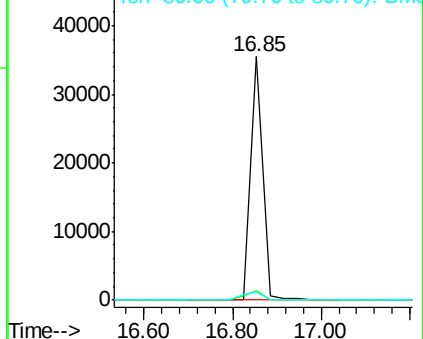
80 3.3 7.5 11.3#

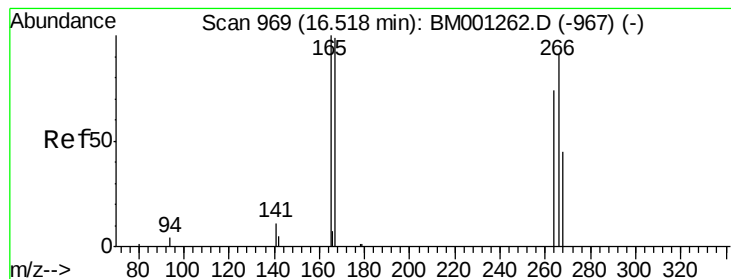


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#20

Pentachlorophenol

Concen: 0.43 ng

RT: 16.52 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001299.D

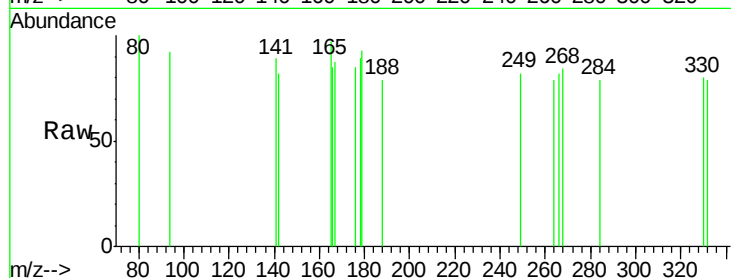
Acq: 14 May 2015 19:35

Instrument :

BNA_M

ClientSampleId :

050815-P17-E-D-B



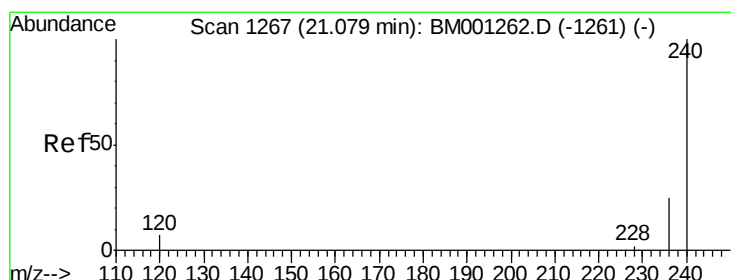
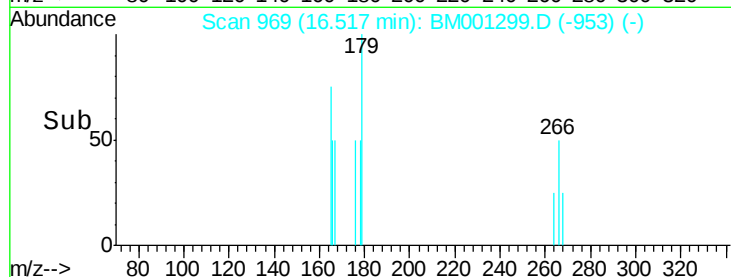
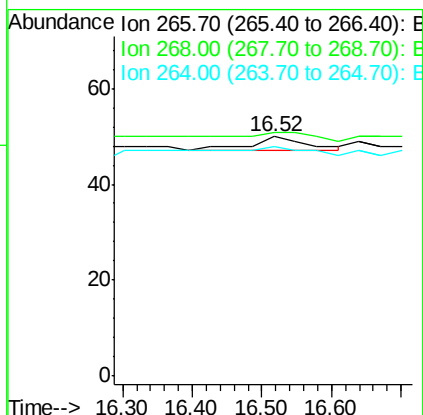
Tgt Ion:266 Resp: 18

Ion Ratio Lower Upper

266 100

268 102.0 49.4 74.0#

264 96.0 67.8 101.6



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BM001299.D

Acq: 14 May 2015 19:35

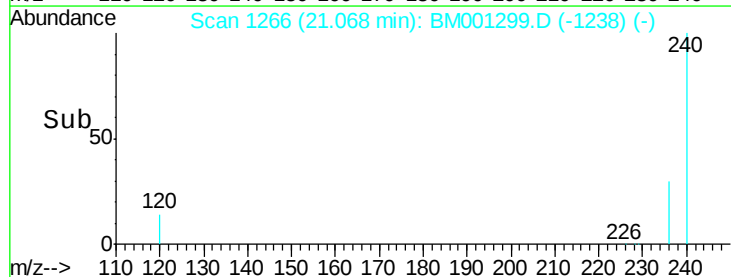
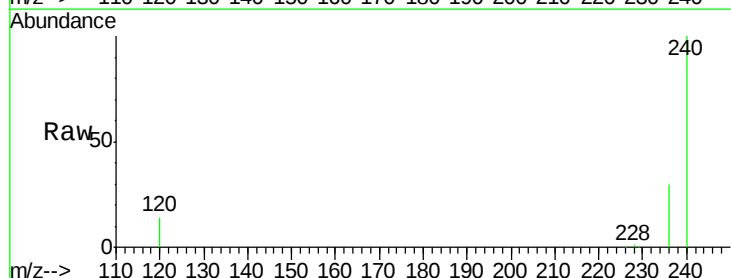
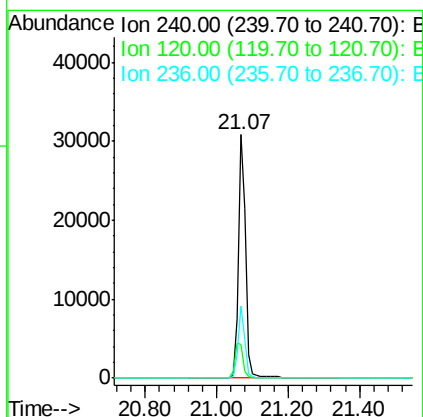
Tgt Ion:240 Resp: 40815

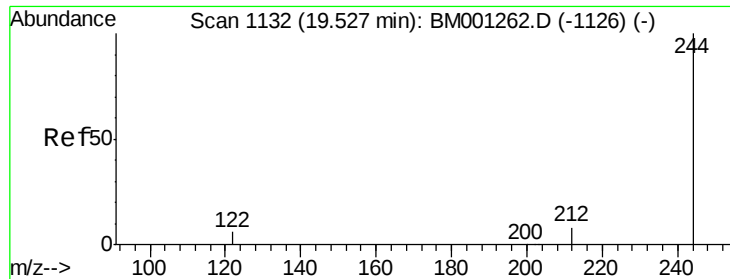
Ion Ratio Lower Upper

240 100

120 13.9 5.5 8.3#

236 29.7 20.4 30.6





#26

Terphenyl-d14

Concen: 9.21 ng

RT: 19.51 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BM001299.D

Acq: 14 May 2015 19:35

Instrument :

BNA_M

ClientSampleId :

050815-P17-E-D-B

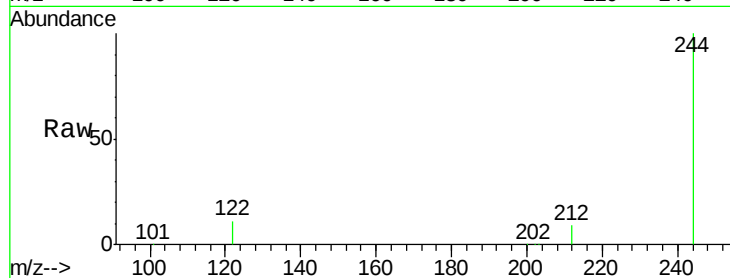
Tgt Ion:244 Resp: 50481

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

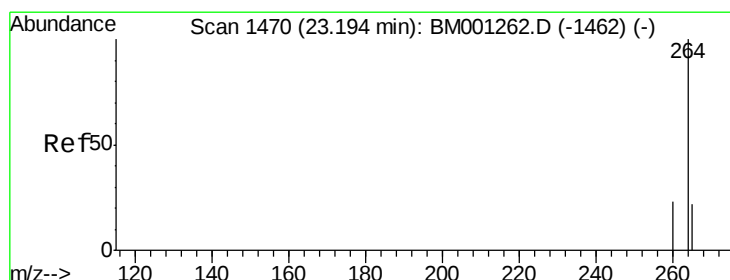
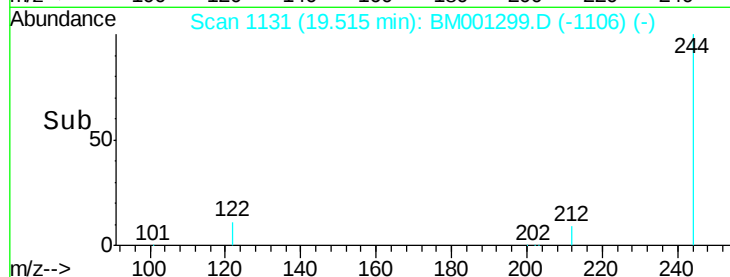
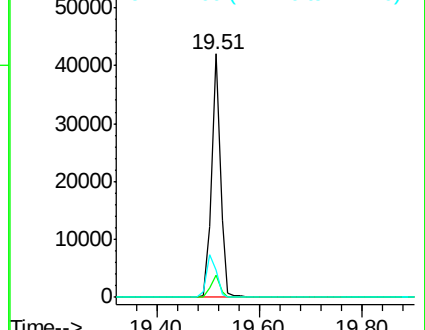
122 11.4 5.6 8.4#



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



#30

Perylene-d12

Concen: 5.00 ng

RT: 23.18 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BM001299.D

Acq: 14 May 2015 19:35

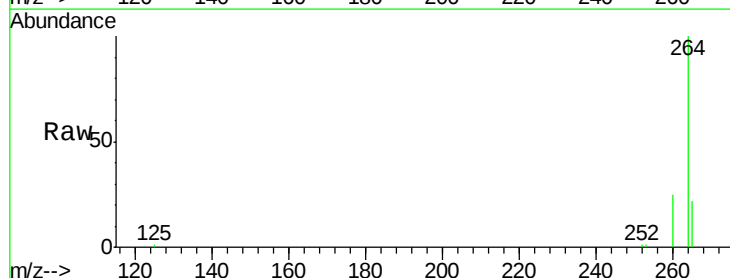
Tgt Ion:264 Resp: 39160

Ion Ratio Lower Upper

264 100

260 24.8 18.9 28.3

265 22.2 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

