

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051315\
 Data File : BM001273.D
 Acq On : 13 May 2015 04:28
 Operator : TP/IZ
 Sample : G2183-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-2(7-8)

Quant Time: May 13 06:14:19 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

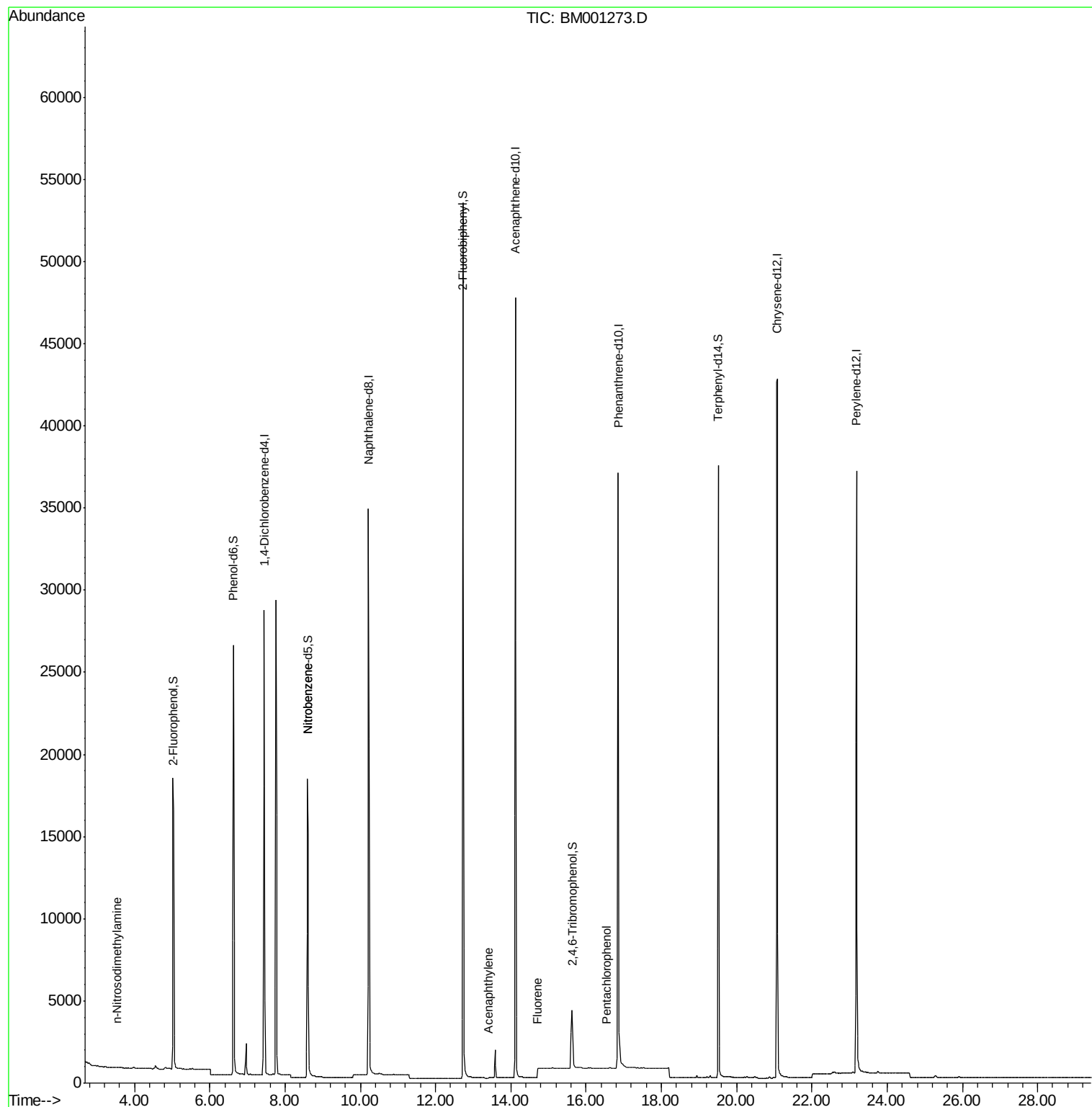
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	14950	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	51410	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	27245	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	61586	5.00	ng	0.00
24) Chrysene-d12	21.08	240	47075	5.00	ng	0.00
30) Perylene-d12	23.18	264	43871	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	17214	5.91	ng	0.00
5) Phenol-d6	6.63	99	26220	7.98	ng	0.00
7) Nitrobenzene-d5	8.60	82	16729	5.16	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	3651	3.96	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	51007	6.03	ng	0.00
26) Terphenyl-d14	19.51	244	39178	6.19	ng	-0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.52	42	40	0.02	ng	# 16
8) Nitrobenzene	8.60	77	60	0.15	ng	# 26
15) Acenaphthylene	13.41	152	239	0.02	ng	# 36
17) Fluorene	14.71	166	298	0.05	ng	# 83
20) Pentachlorophenol	16.55	266	2	0.41	ng	# 71

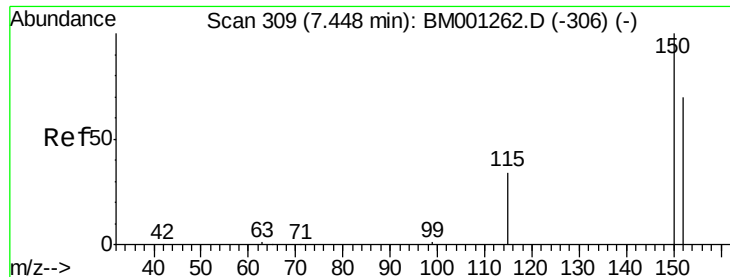
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM001273.D

Acq: 13 May 2015 04:28

Instrument :

BNA_M

ClientSampleId :

SB-2(7-8)

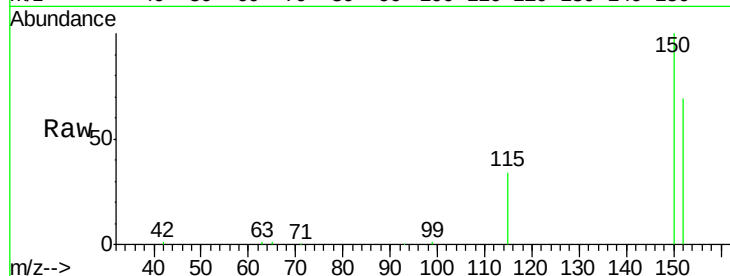
Tgt Ion:152 Resp: 14950

Ion Ratio Lower Upper

152 100

150 144.0 114.6 172.0

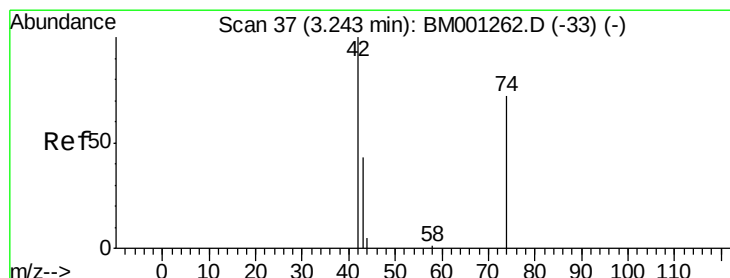
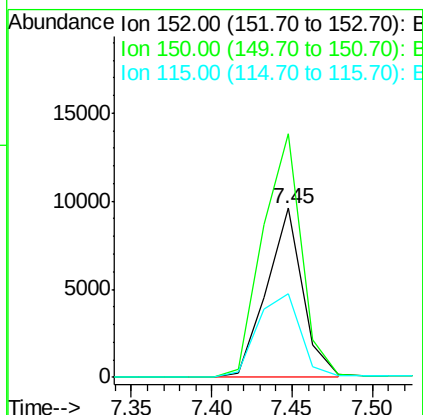
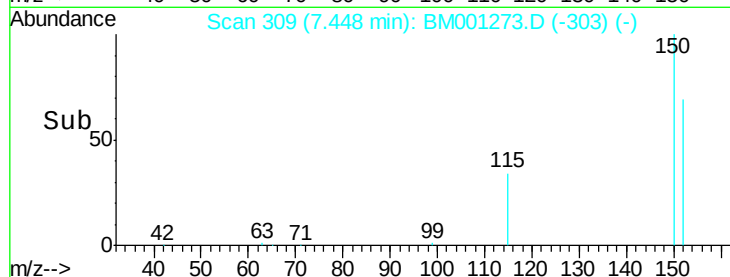
115 49.2 39.3 58.9



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: 0.02 ng

RT: 3.52 min Scan# 55

Delta R.T. 0.28 min

Lab File: BM001273.D

Acq: 13 May 2015 04:28

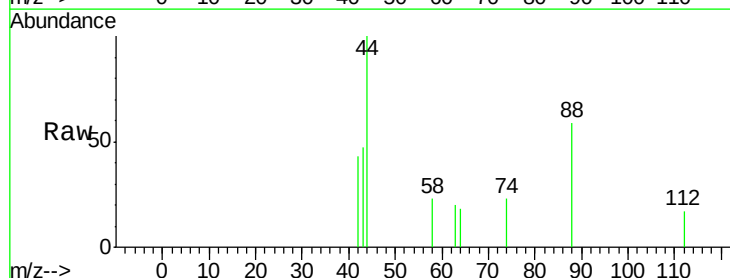
Tgt Ion: 42 Resp: 40

Ion Ratio Lower Upper

42 100

74 15.0 82.1 123.1#

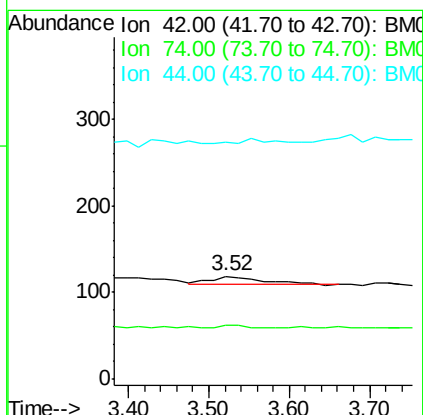
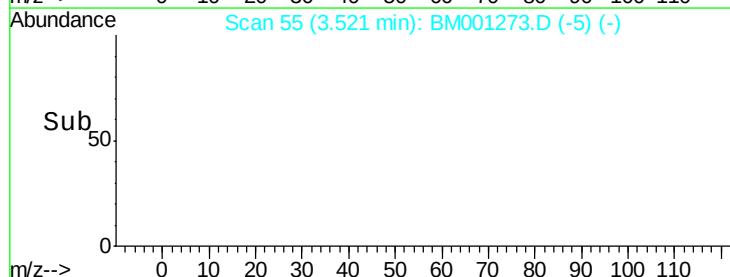
44 0.0 3.0 4.4#

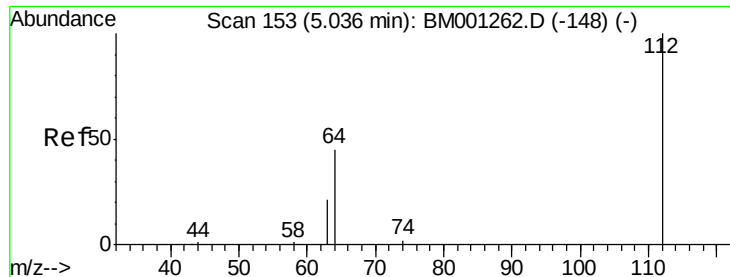


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#4

2-Fluorophenol

Concen: 5.91 ng

RT: 5.04 min Scan# 153

Delta R.T. -0.00 min

Lab File: BM001273.D

Acq: 13 May 2015 04:28

Instrument :

BNA_M

ClientSampleId :

SB-2(7-8)

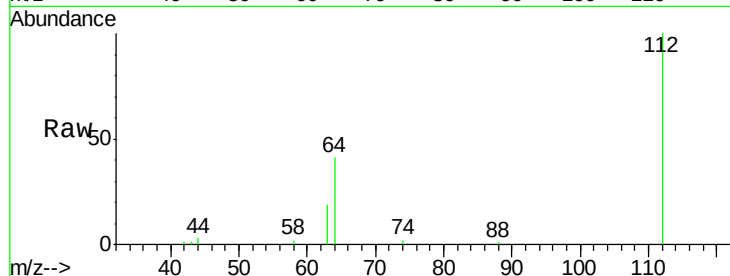
Tgt Ion: 112 Resp: 17214

Ion Ratio Lower Upper

112 100

64 63.9 50.8 76.2

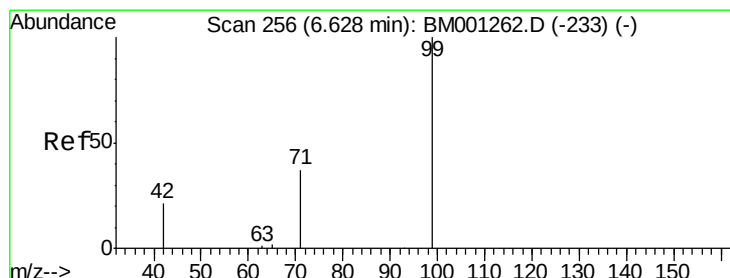
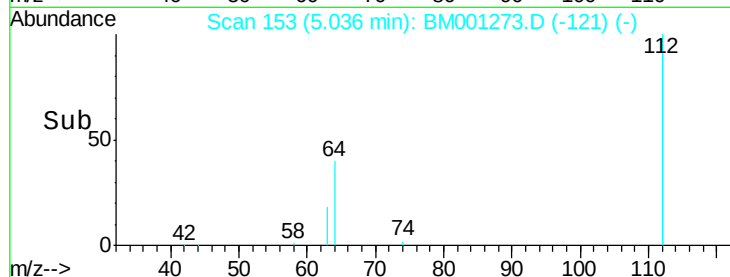
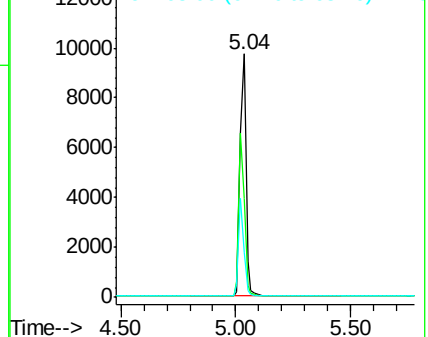
63 35.4 28.2 42.4



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: 7.98 ng

RT: 6.63 min Scan# 256

Delta R.T. -0.00 min

Lab File: BM001273.D

Acq: 13 May 2015 04:28

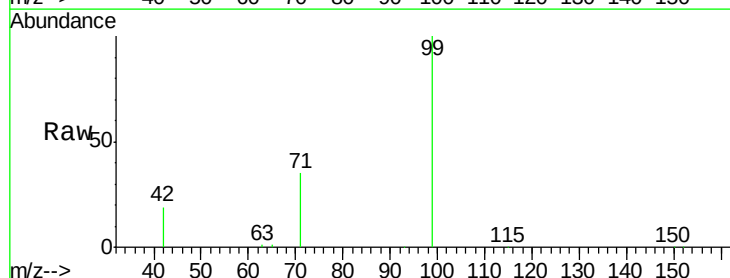
Tgt Ion: 99 Resp: 26220

Ion Ratio Lower Upper

99 100

42 23.7 19.9 29.9

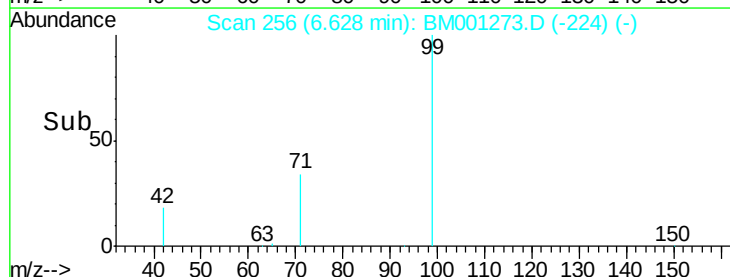
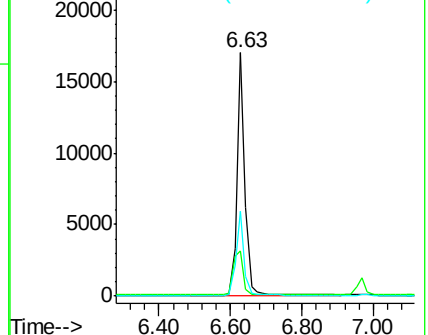
71 34.9 28.0 42.0

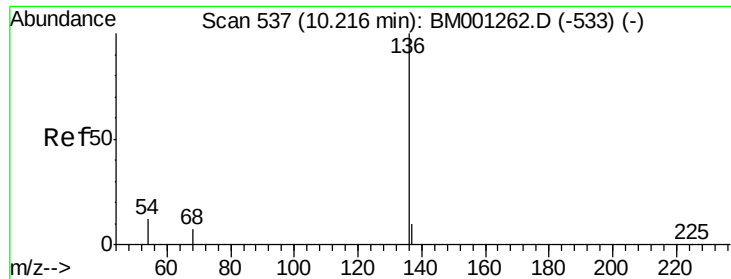


Abundance Ion 99.00 (98.70 to 99.70): BM0

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: BM001273.D

Acq: 13 May 2015 04:28

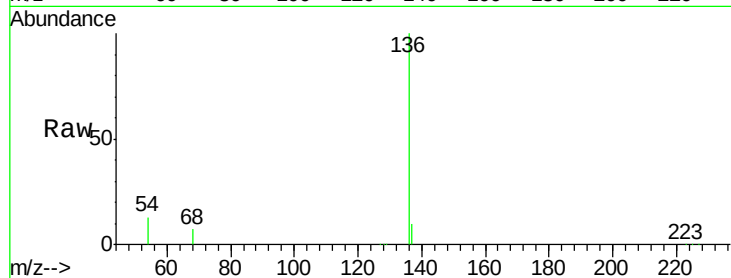
Instrument :

BNA_M

ClientSampleId :

SB-2(7-8)

Tgt Ion:	136	Resp:	51410
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.2	12.4
54	12.7	9.5	14.3
68	7.4	5.5	8.3

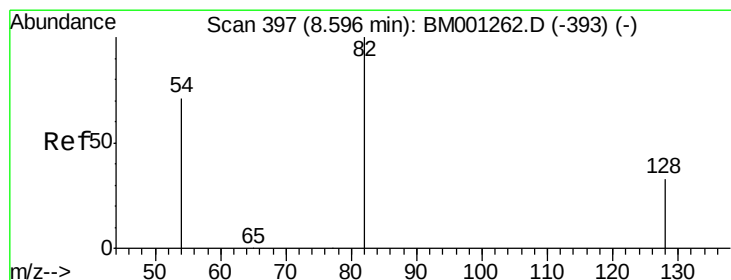
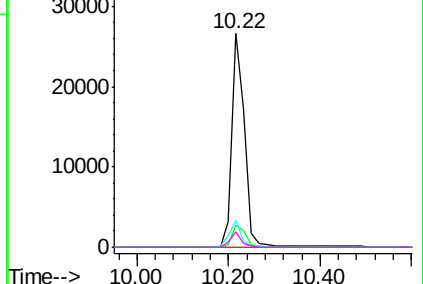
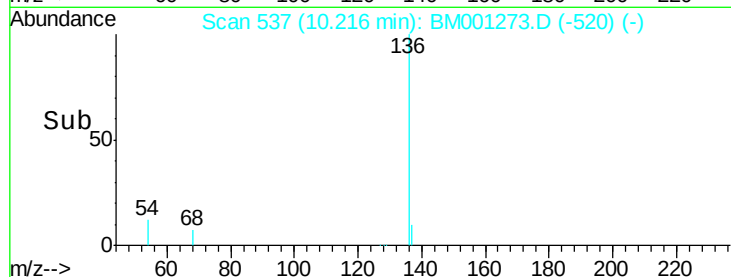


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.16 ng

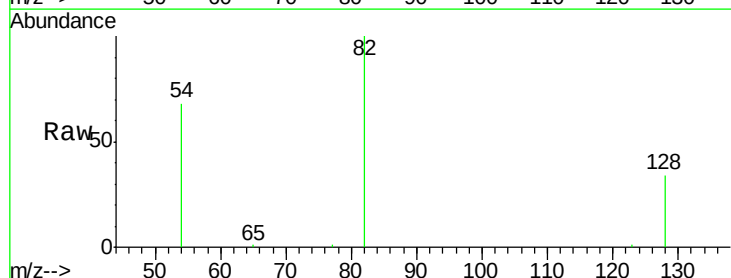
RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001273.D

Acq: 13 May 2015 04:28

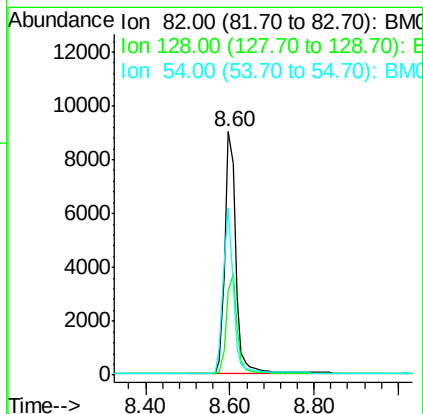
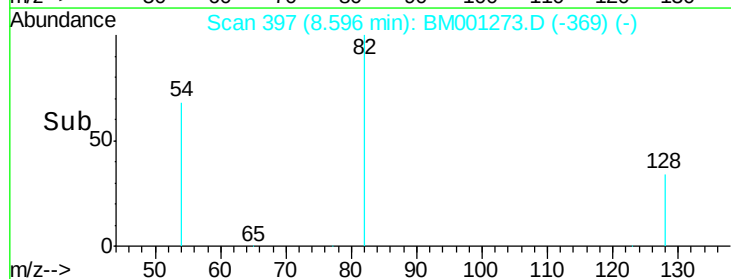
Tgt Ion:	82	Resp:	16729
Ion	Ratio	Lower	Upper
82	100		
128	34.3	28.0	42.0
54	68.3	57.3	85.9

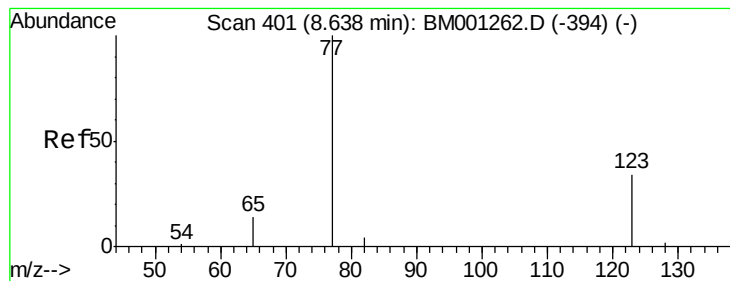


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#8

Nitrobenzene

Concen: 0.15 ng

RT: 8.60 min Scan# 397

Delta R.T. -0.04 min

Lab File: BM001273.D

Acq: 13 May 2015 04:28

Instrument :

BNA_M

ClientSampleId :

SB-2(7-8)

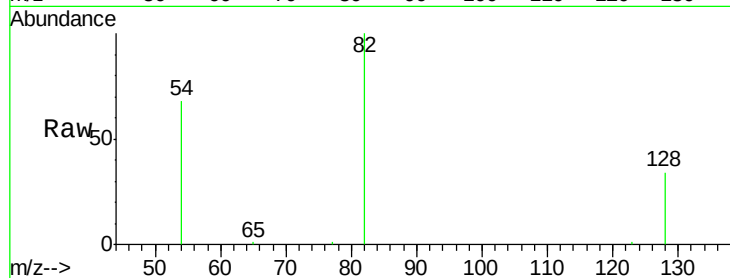
Tgt Ion: 77 Resp: 60

Ion Ratio Lower Upper

77 100

123 0.0 33.4 50.2#

65 53.3 10.6 15.8#

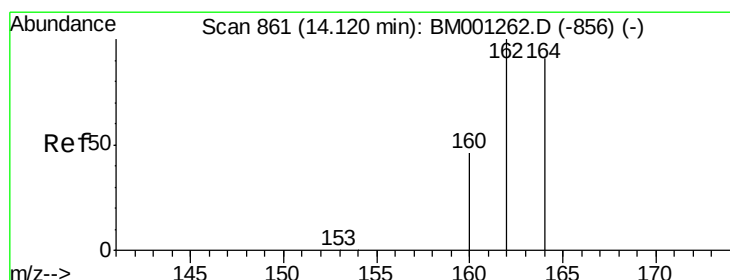
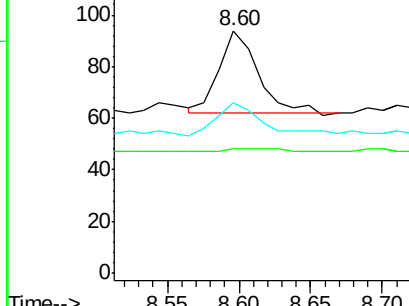
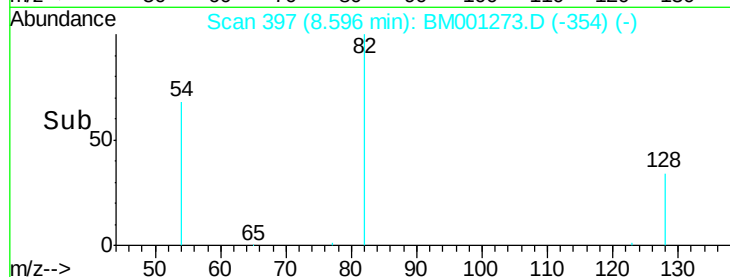


Abundance Ion 77.00 (76.70 to 77.70): BM001262.D (-394) (-)

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

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

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.12 min Scan# 861

Delta R.T. -0.00 min

Lab File: BM001273.D

Acq: 13 May 2015 04:28

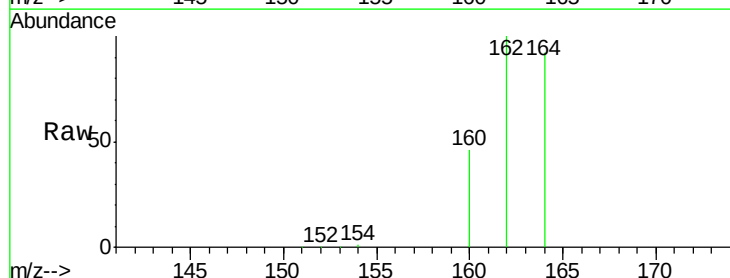
Tgt Ion: 164 Resp: 27245

Ion Ratio Lower Upper

164 100

162 109.3 87.9 131.9

160 50.3 40.9 61.3

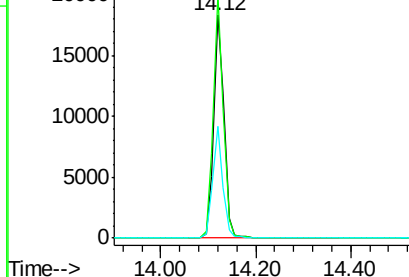
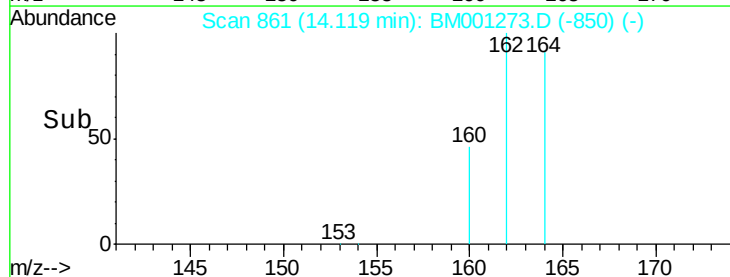


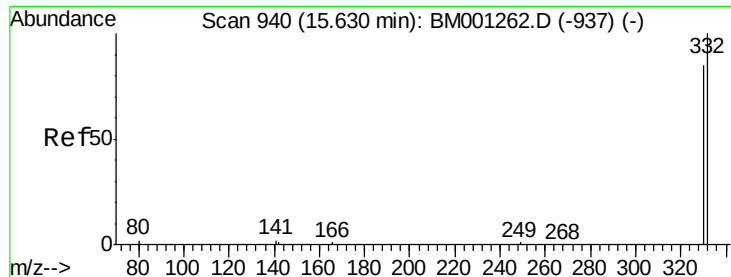
Abundance Ion 164.00 (163.70 to 164.70): BM001262.D (-856) (-)

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

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

Time-->

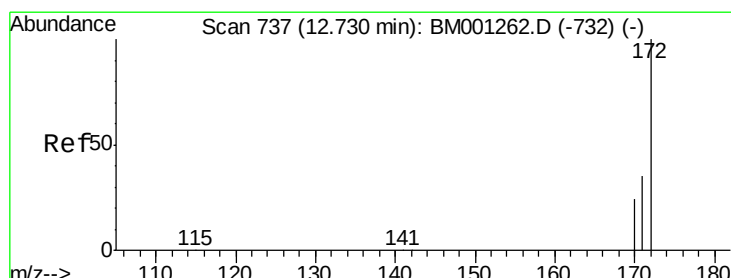
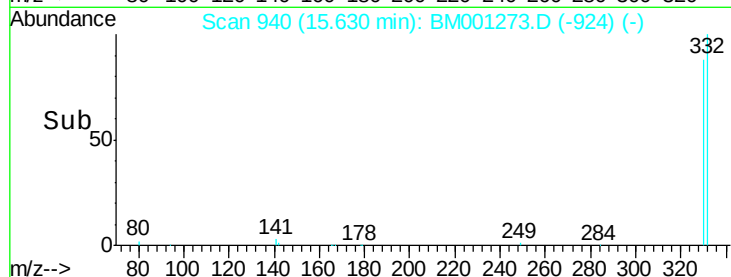
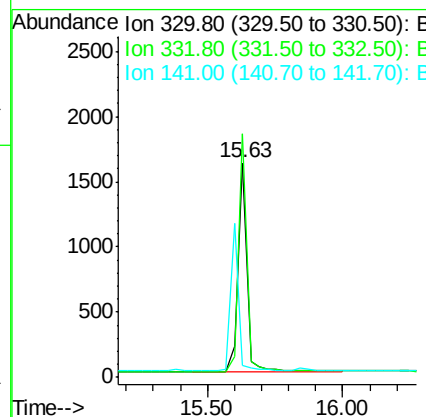
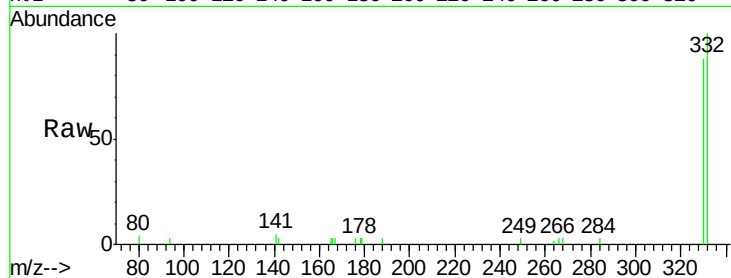




#13
 2,4,6-Tribromophenol
 Concen: 3.96 ng
 RT: 15.63 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BM001273.D
 Acq: 13 May 2015 04:28

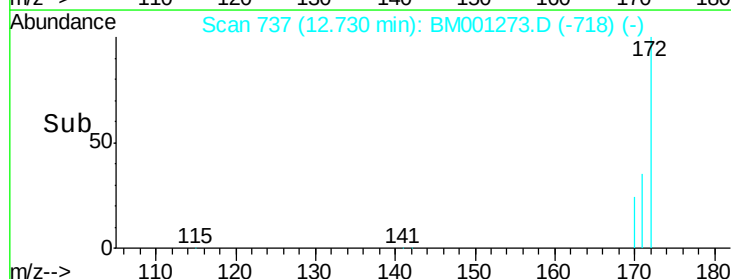
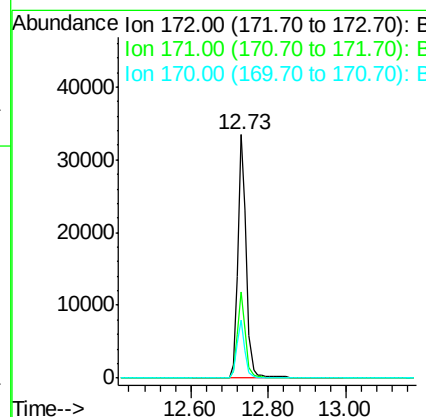
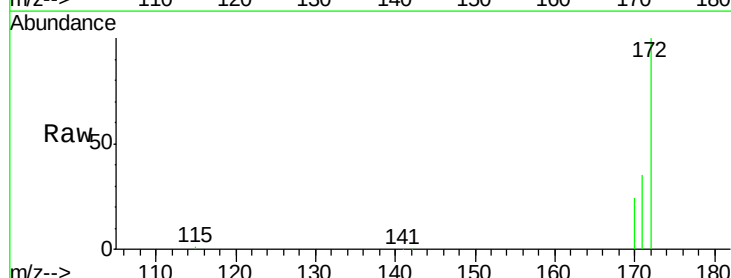
Instrument :
 BNA_M
 ClientSampleId :
 SB-2(7-8)

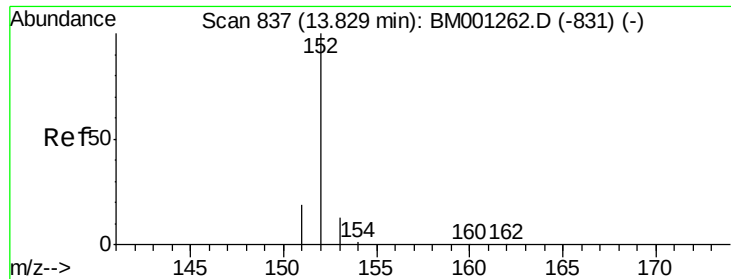
Tgt Ion:330 Resp: 3651
 Ion Ratio Lower Upper
 330 100
 332 107.0 89.0 133.4
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 6.03 ng
 RT: 12.73 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BM001273.D
 Acq: 13 May 2015 04:28

Tgt Ion:172 Resp: 51007
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.7 43.1
 170 23.7 19.5 29.3





#15

Acenaphthylene

Concen: 0.02 ng

RT: 13.41 min Scan# 802

Delta R.T. -0.42 min

Lab File: BM001273.D

Acq: 13 May 2015 04:28

Instrument :

BNA_M

ClientSampleId :

SB-2(7-8)

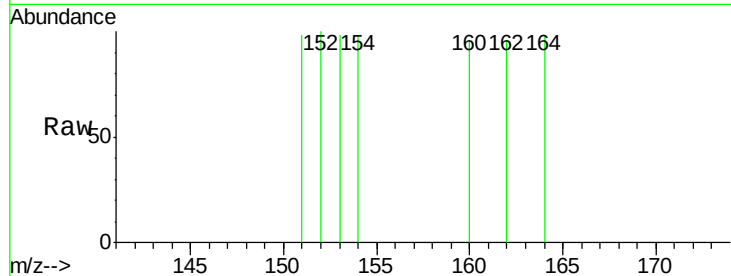
Tgt Ion:152 Resp: 239

Ion Ratio Lower Upper

152 100

151 55.2 15.0 22.4#

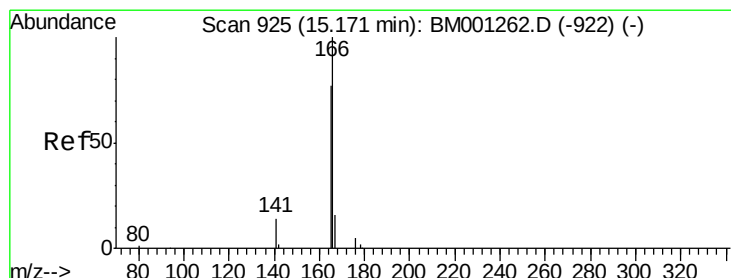
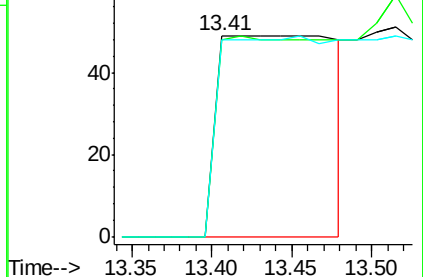
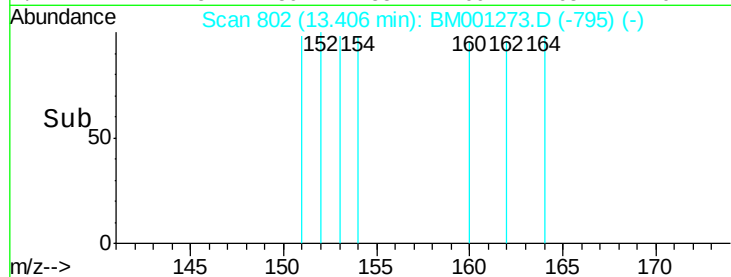
153 28.0 10.1 15.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Fluorene

Concen: 0.05 ng

RT: 14.71 min Scan# 910

Delta R.T. -0.46 min

Lab File: BM001273.D

Acq: 13 May 2015 04:28

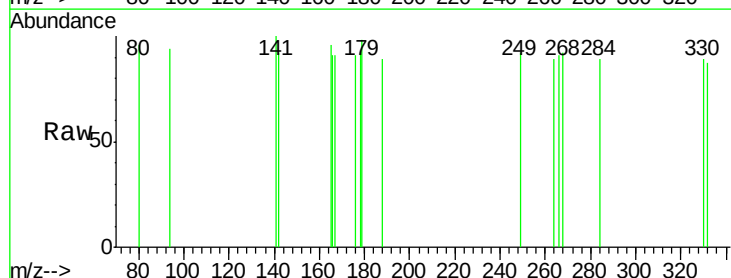
Tgt Ion:166 Resp: 298

Ion Ratio Lower Upper

166 100

165 74.8 70.6 106.0

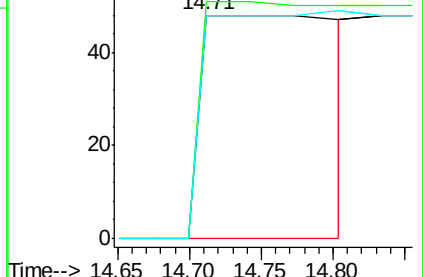
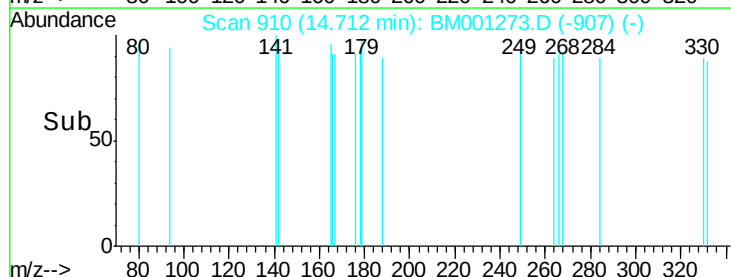
167 0.0 11.3 16.9#

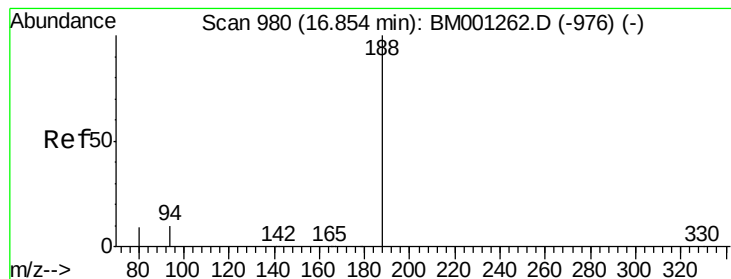


Abundance Ion 166.00 (165.70 to 166.70): E

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: BM001273.D

Acq: 13 May 2015 04:28

Instrument :

BNA_M

ClientSampleId :

SB-2(7-8)

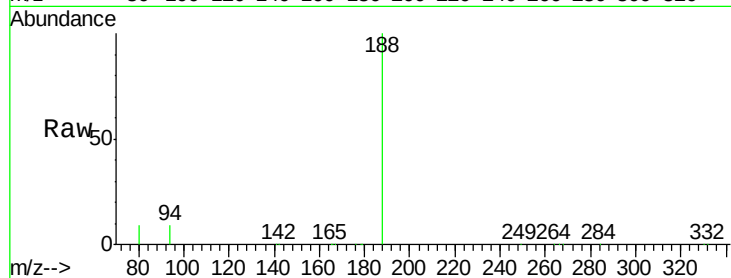
Tgt Ion:188 Resp: 61586

Ion Ratio Lower Upper

188 100

94 9.1 7.8 11.8

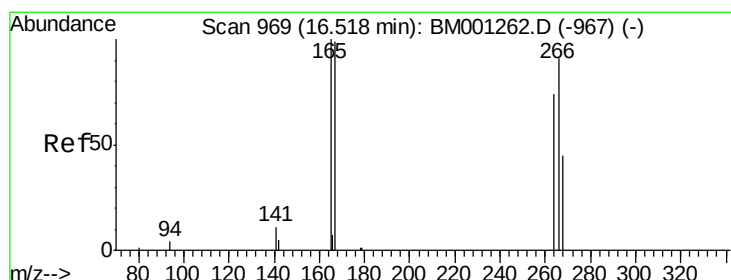
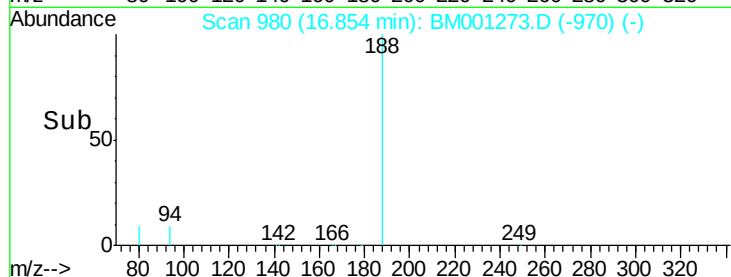
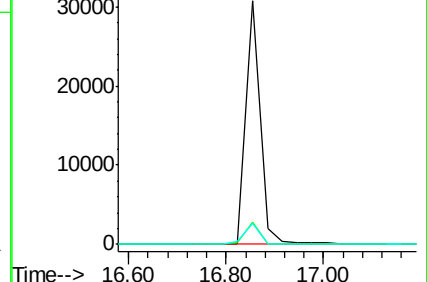
80 8.8 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#20

Pentachlorophenol

Concen: 0.41 ng

RT: 16.55 min Scan# 970

Delta R.T. 0.03 min

Lab File: BM001273.D

Acq: 13 May 2015 04:28

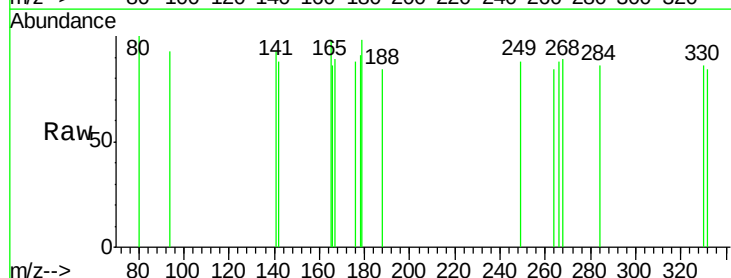
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

268 102.0 49.4 74.0#

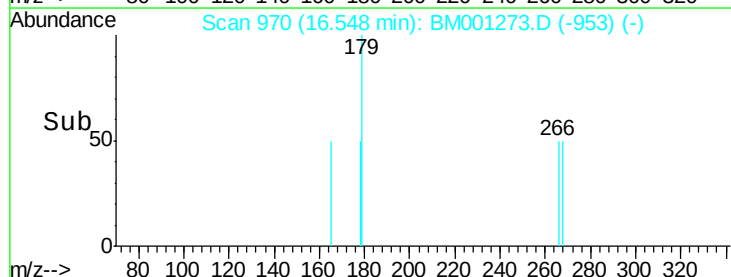
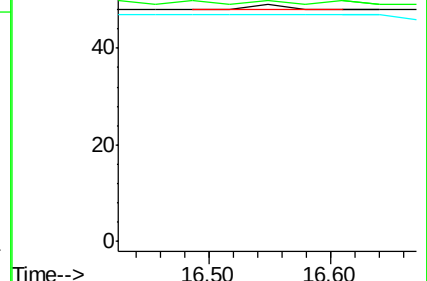
264 95.9 67.8 101.6

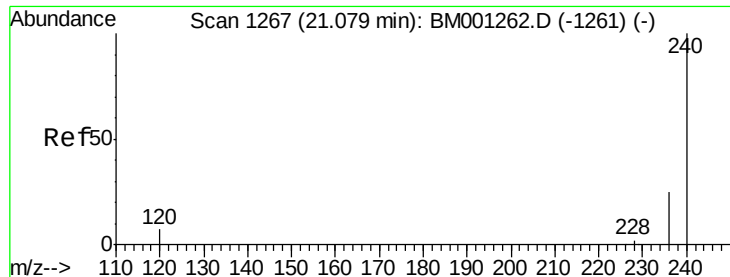


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.08 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BM001273.D

Acq: 13 May 2015 04:28

Instrument :

BNA_M

ClientSampleId :

SB-2(7-8)

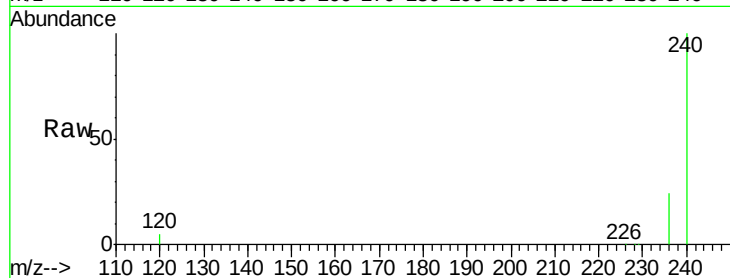
Tgt Ion:240 Resp: 47075

Ion Ratio Lower Upper

240 100

120 5.4 5.5 8.3#

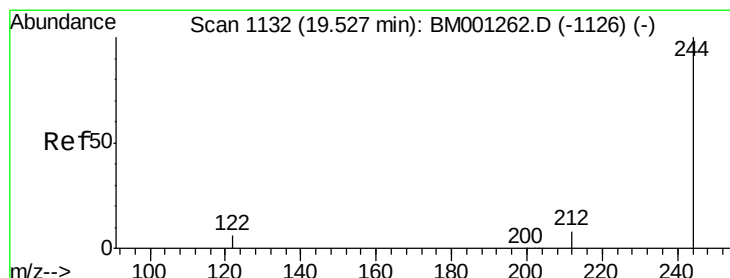
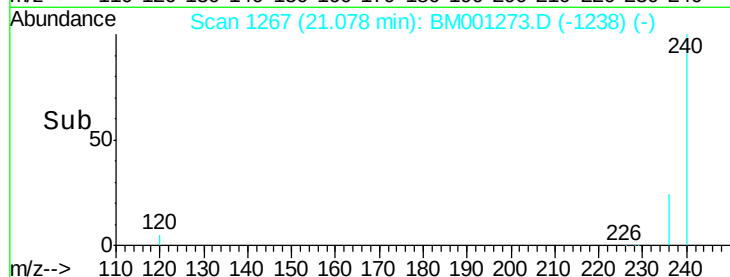
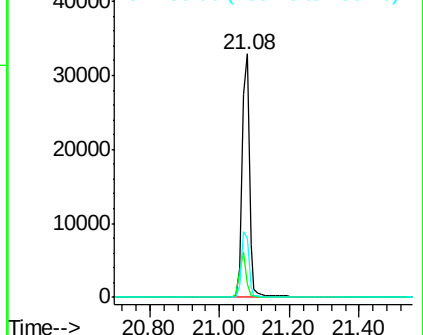
236 24.1 20.4 30.6



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



#26

Terphenyl-d14

Concen: 6.19 ng

RT: 19.51 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BM001273.D

Acq: 13 May 2015 04:28

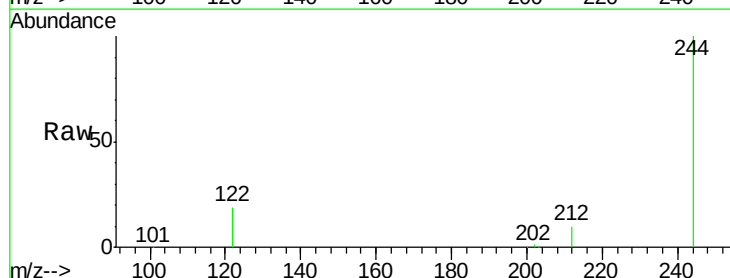
Tgt Ion:244 Resp: 39178

Ion Ratio Lower Upper

244 100

212 10.4 7.2 10.8

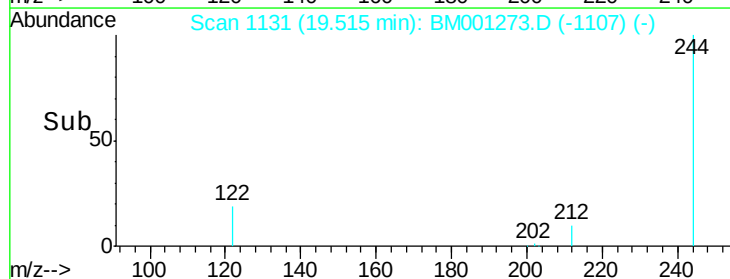
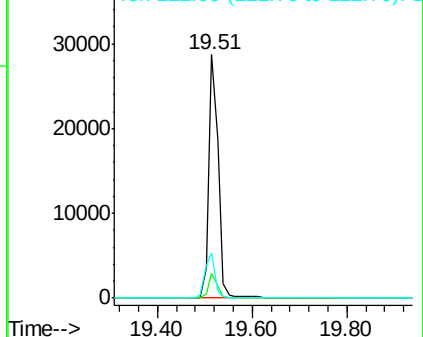
122 18.8 5.6 8.4#

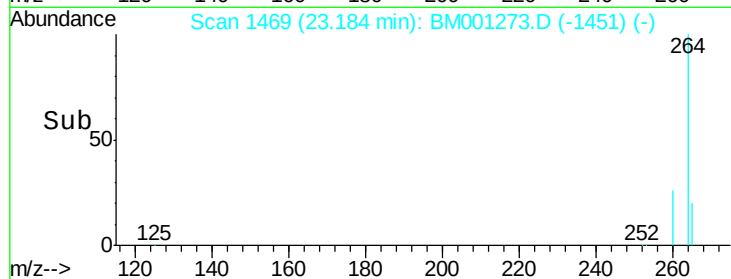
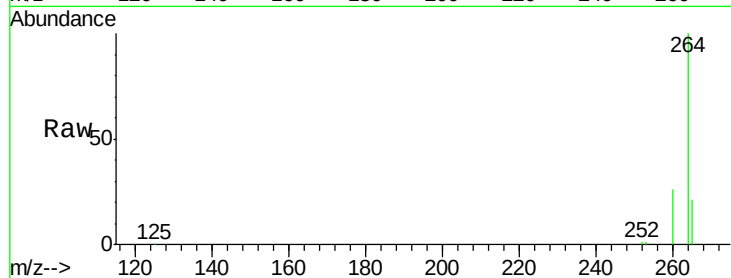
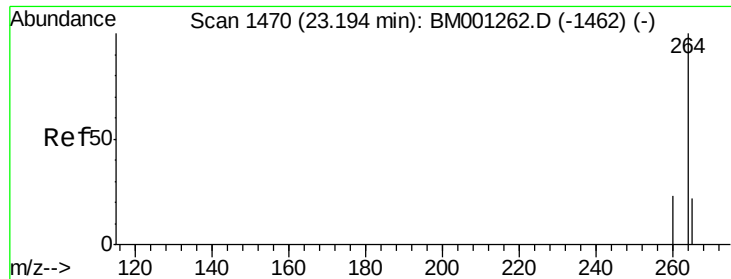


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.01 min

Lab File: BM001273.D

Acq: 13 May 2015 04:28

Instrument :

BNA_M

ClientSampleId :

SB-2(7-8)

Tgt Ion:264 Resp: 43871

Ion Ratio Lower Upper

264 100

260 25.7 18.9 28.3

265 21.1 18.1 27.1

