

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121815\
 Data File : BM003611.D
 Acq On : 18 Dec 2015 13:49
 Operator : UM/SJ
 Sample : G4783-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SCVM-INF

Quant Time: Dec 18 16:45:48 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 16:19:00 2015
 Response via : Initial Calibration

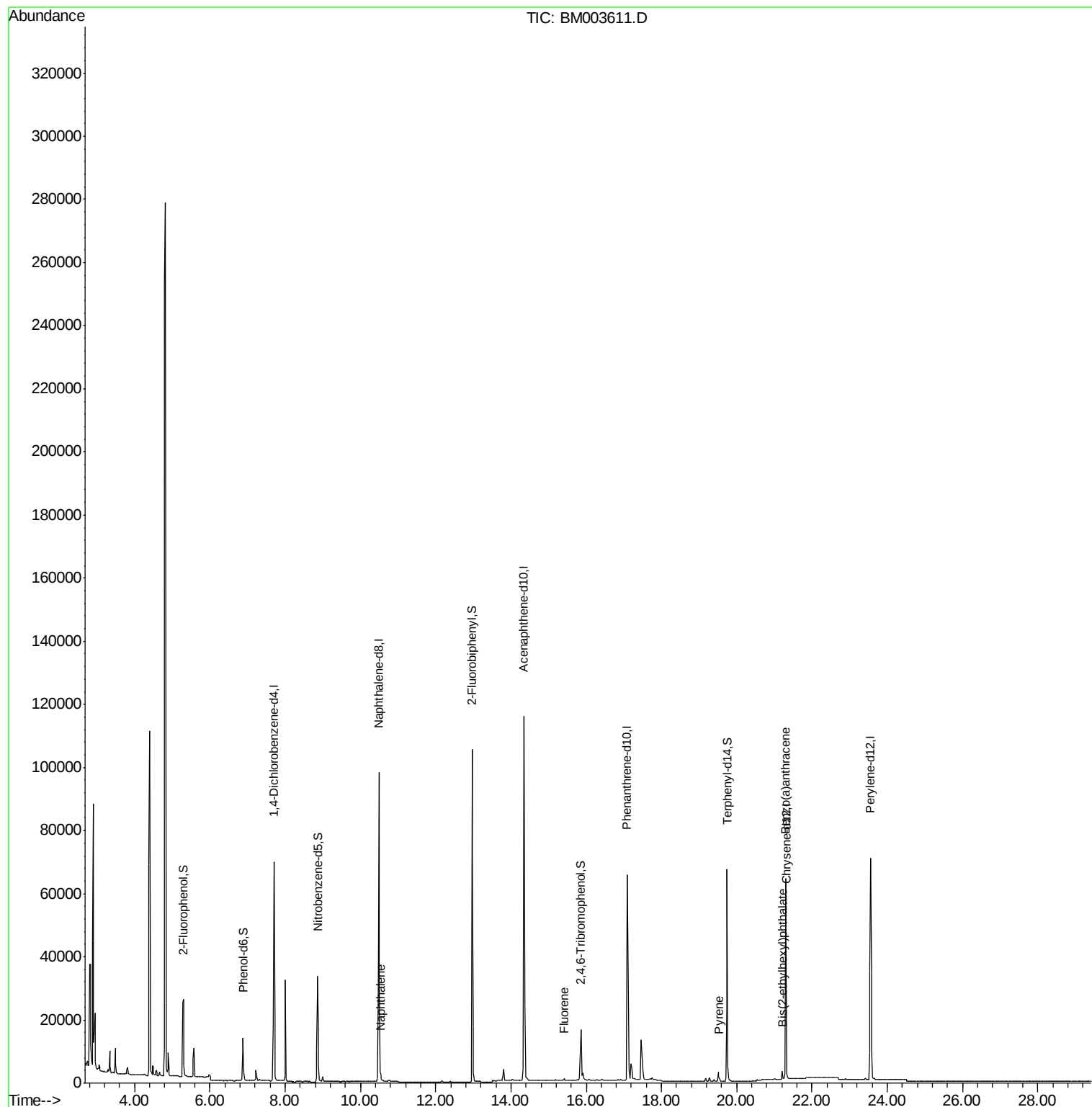
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	34680	5.00	ng	-0.02
7) Naphthalene-d8	10.49	136	136645	5.00	ng	-0.02
13) Acenaphthene-d10	14.35	164	70202	5.00	ng	-0.03
19) Phenanthrene-d10	17.08	188	121787	5.00	ng	-0.03
26) Chrysene-d12	21.31	240	95024	5.00	ng	-0.02
35) Perylene-d12	23.55	264	98832	5.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.30	112	27772	4.01	ng	-0.02
5) Phenol-d6	6.88	99	18699	2.20	ng	0.00
8) Nitrobenzene-d5	8.86	82	31710	4.98	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	12462	6.86	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	102601	4.85	ng	-0.02
29) Terphenyl-d14	19.75	244	74959	4.86	ng	-0.01
Target Compounds						
10) Naphthalene	10.54	128	2040	0.07	ng	# 89
18) Fluorene	15.41	166	614	0.03	ng	# 97
28) Pyrene	19.54	202	925	0.03	ng	# 94
30) Benzo(a)anthracene	21.29	228	669m	0.03	ng	
33) Bis(2-ethylhexyl)phthalate	21.21	149	2682	0.40	ng	# 99

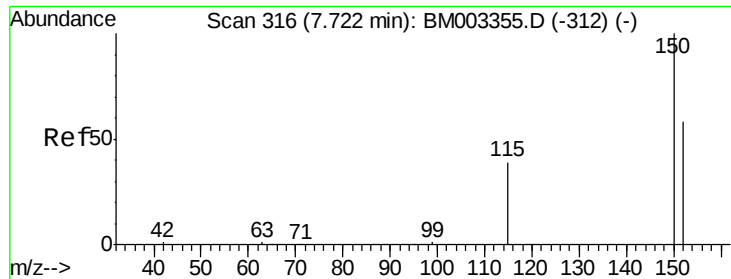
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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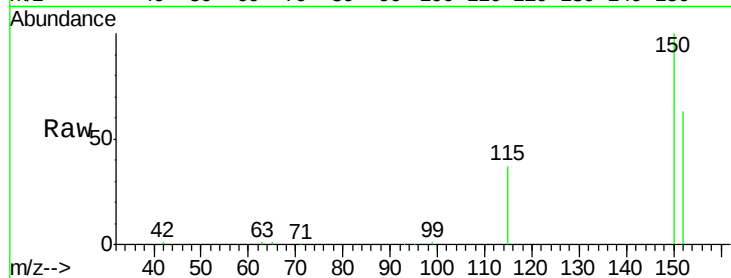


#1

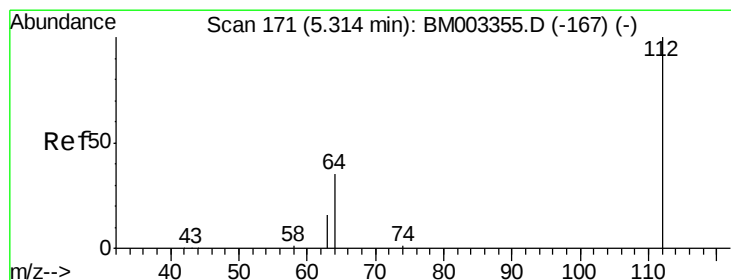
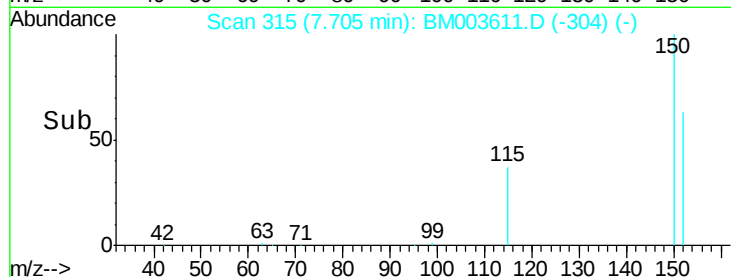
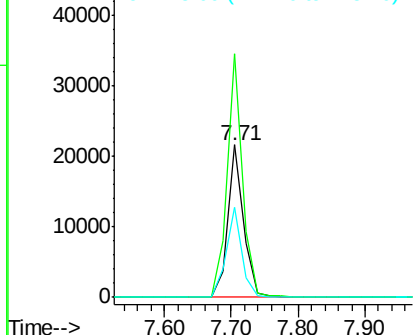
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.71 min Scan# 315
Delta R.T. -0.02 min
Lab File: BM003611.D
Acq: 18 Dec 2015 13:49

Instrument :
BNA_M
ClientSampleId :
SCVM-INF

Tot Ion:152 Resp: 34680
Ion Ratio Lower Upper
152 100
150 159.5 143.6 215.4
115 59.1 58.5 87.7



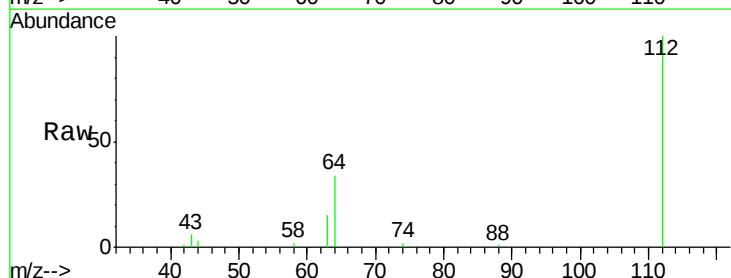
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



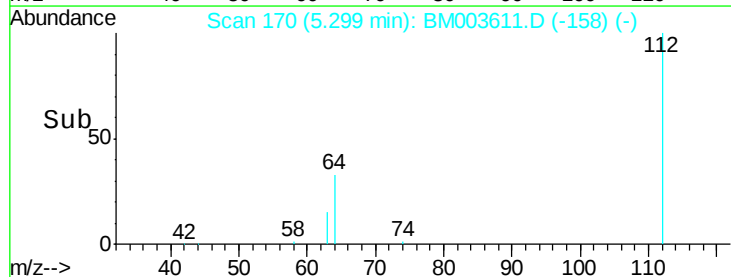
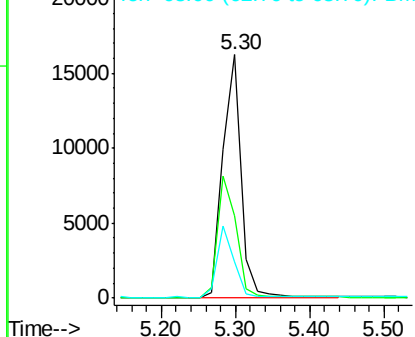
#4

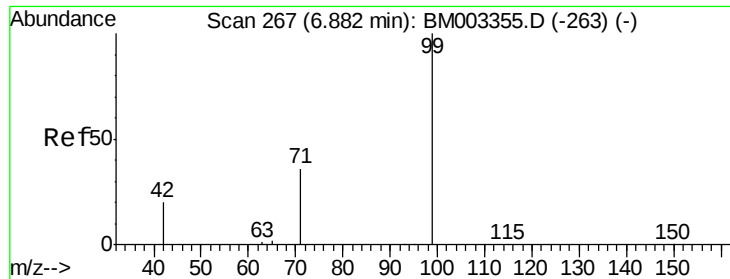
2-Fluorophenol
Concen: 4.01 ng
RT: 5.30 min Scan# 170
Delta R.T. -0.02 min
Lab File: BM003611.D
Acq: 18 Dec 2015 13:49

Tgt Ion:112 Resp: 27772
Ion Ratio Lower Upper
112 100
64 50.9 41.2 61.8
63 27.4 21.2 31.8



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: 2.20 ng

RT: 6.88 min Scan# 267

Delta R.T. 0.00 min

Lab File: BM003611.D

Acq: 18 Dec 2015 13:49

Instrument :

BNA_M

ClientSampleId :

SCVM-INF

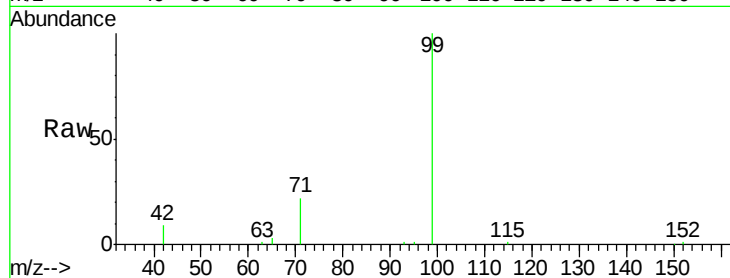
Tot Ion: 99 Resp: 18699

Ion Ratio Lower Upper

99 100

42 17.6 14.6 22.0

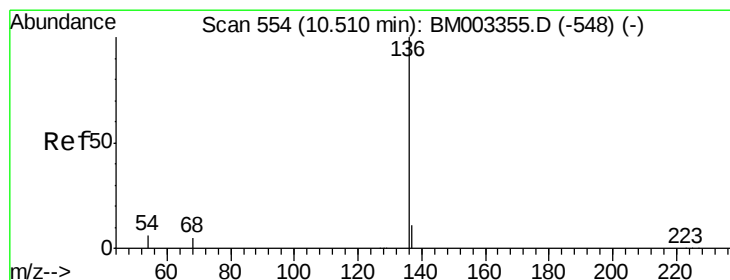
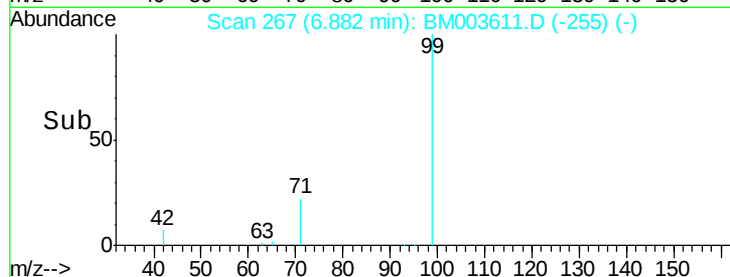
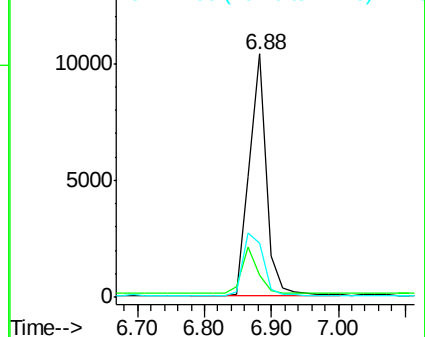
71 30.8 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003611.D (-255) (-)

Ion 42.00 (41.70 to 42.70): BM003611.D (-255) (-)

Ion 71.00 (70.70 to 71.70): BM003611.D (-255) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.49 min Scan# 552

Delta R.T. -0.02 min

Lab File: BM003611.D

Acq: 18 Dec 2015 13:49

Tgt Ion: 136 Resp: 136645

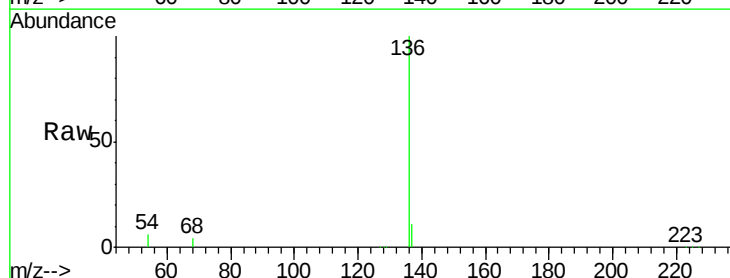
Ion Ratio Lower Upper

136 100

137 10.7 8.0 12.0

54 5.6 7.4 11.0#

68 4.5 5.8 8.6#

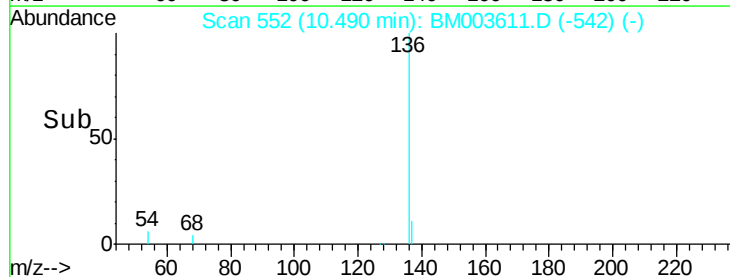
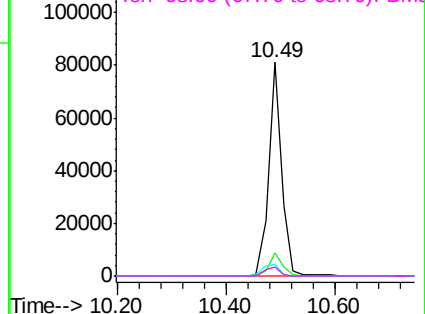


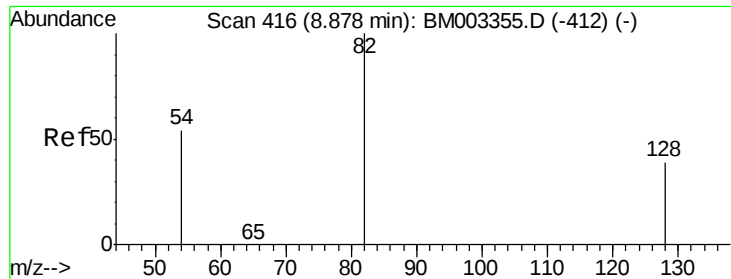
Abundance Ion 136.00 (135.70 to 136.70): BM003611.D (-542) (-)

Ion 137.00 (136.70 to 137.70): BM003611.D (-542) (-)

Ion 54.00 (53.70 to 54.70): BM003611.D (-542) (-)

Ion 68.00 (67.70 to 68.70): BM003611.D (-542) (-)

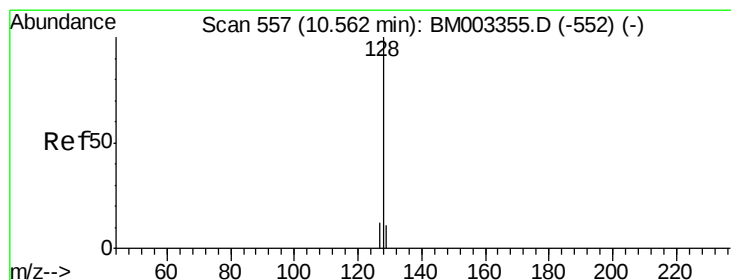
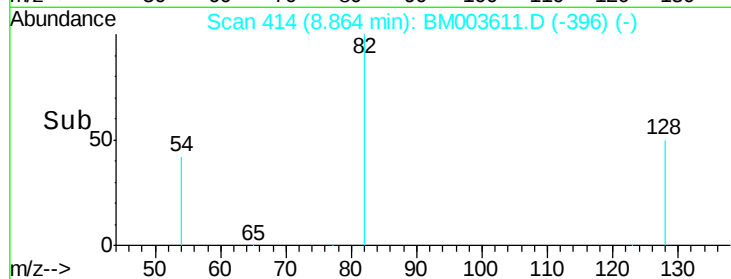
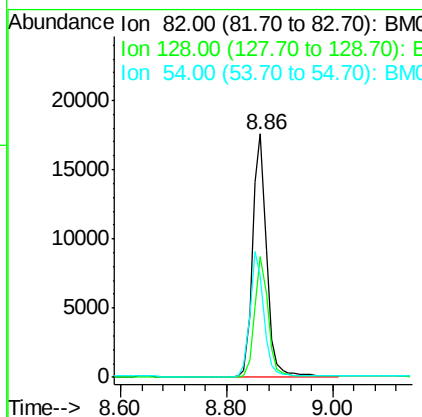
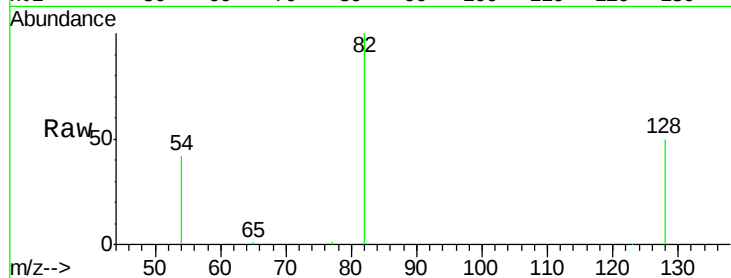




#8
 Nitrobenzene-d5
 Concen: 4.98 ng
 RT: 8.86 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BM003611.D
 Acq: 18 Dec 2015 13:49

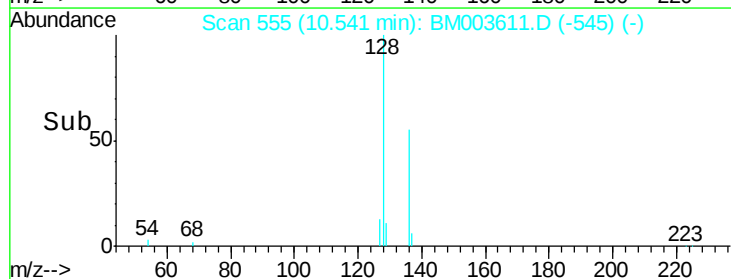
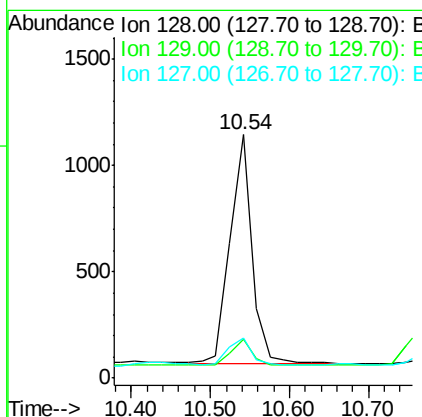
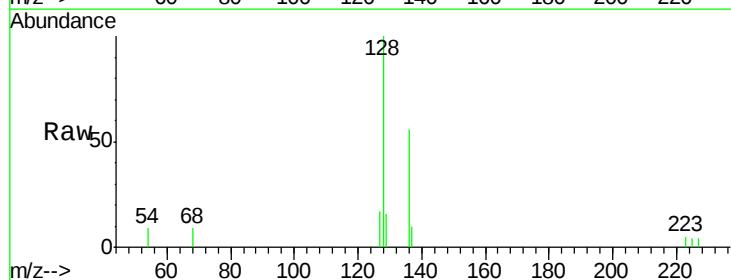
Instrument :
 BNA_M
 ClientSampleId :
 SCVM-INF

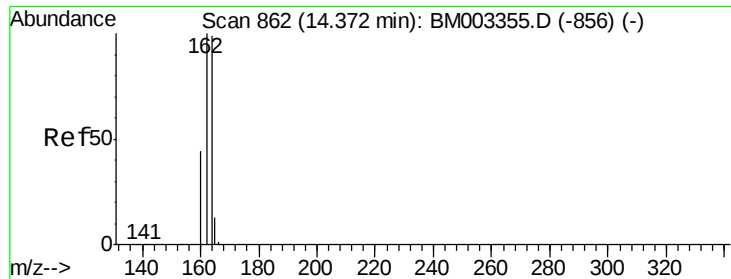
Tot Ion: 82 Resp: 31710
 Ion Ratio Lower Upper
 82 100
 128 49.7 35.2 52.8
 54 42.0 36.4 54.6



#10
 Naphthalene
 Concen: 0.07 ng
 RT: 10.54 min Scan# 555
 Delta R.T. -0.02 min
 Lab File: BM003611.D
 Acq: 18 Dec 2015 13:49

Tgt Ion: 128 Resp: 2040
 Ion Ratio Lower Upper
 128 100
 129 15.8 8.5 12.7#
 127 16.6 10.6 16.0#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.35 min Scan# 860

Delta R.T. -0.03 min

Lab File: BM003611.D

Acq: 18 Dec 2015 13:49

Instrument :

BNA_M

ClientSampleId :

SCVM-INF

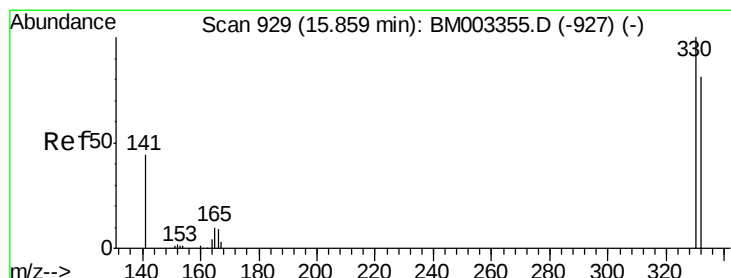
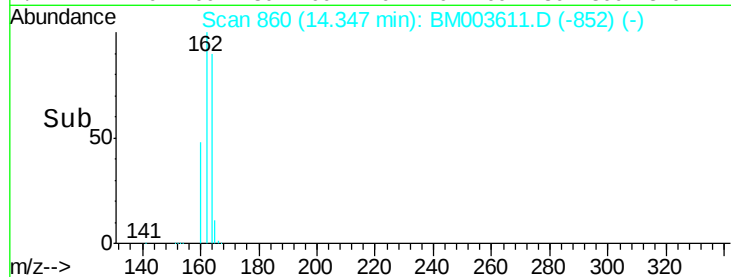
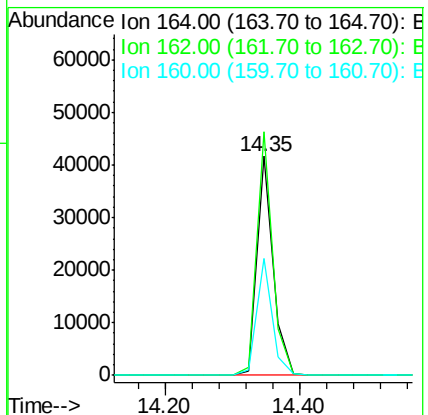
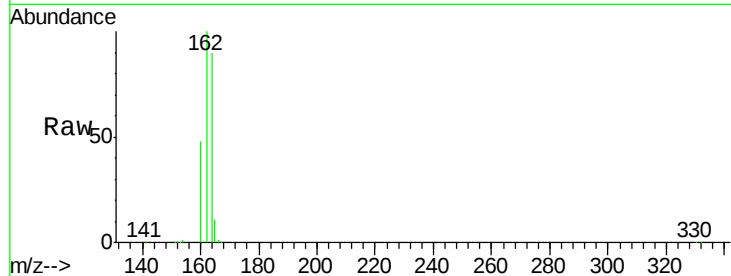
Tot Ion:164 Resp: 70202

Ion Ratio Lower Upper

164 100

162 111.3 78.3 117.5

160 53.3 33.8 50.6#



#14

2,4,6-Tribromophenol

Concen: 6.86 ng

RT: 15.86 min Scan# 928

Delta R.T. -0.00 min

Lab File: BM003611.D

Acq: 18 Dec 2015 13:49

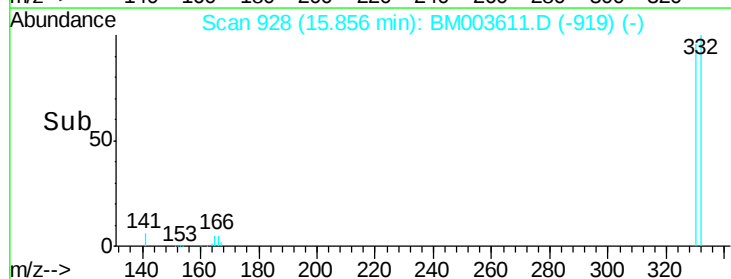
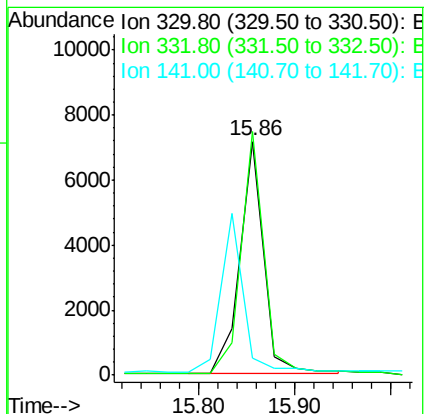
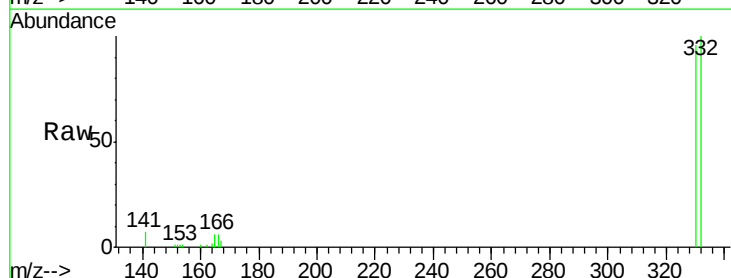
Tgt Ion:330 Resp: 12462

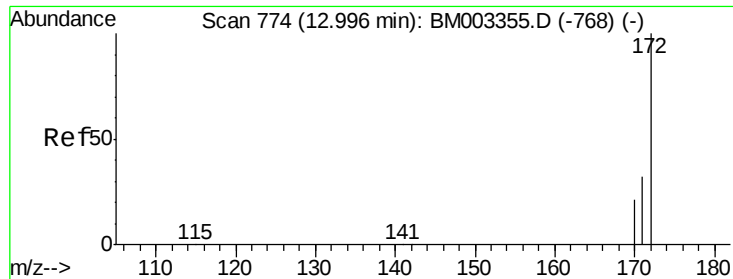
Ion Ratio Lower Upper

330 100

332 99.2 76.0 114.0

141 0.0 0.0 0.0

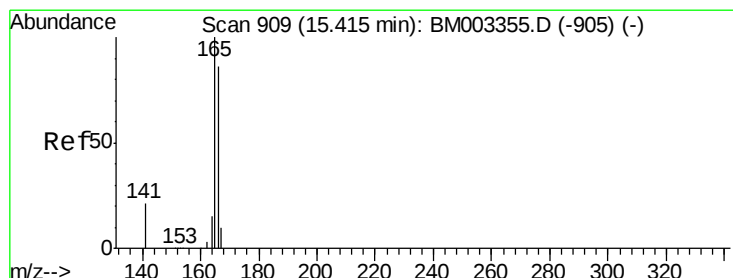
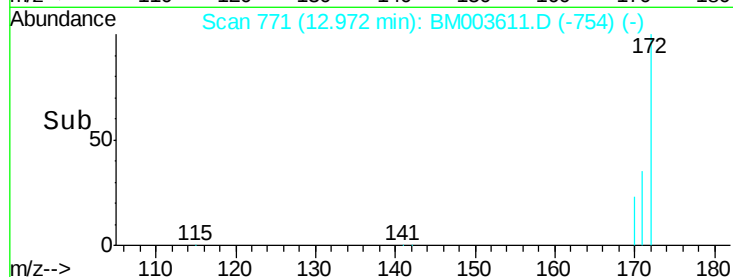
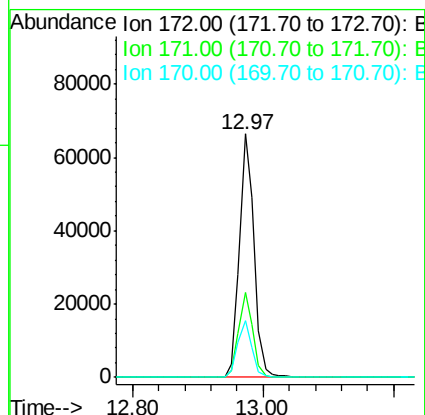
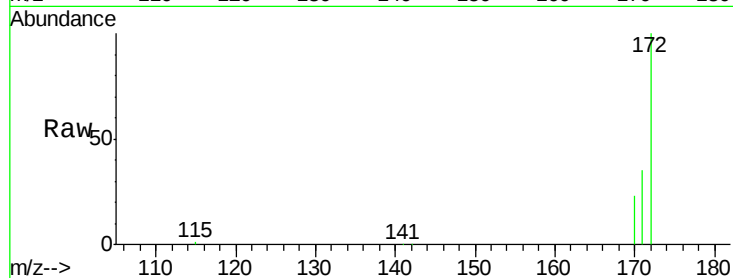




#15
2-Fluorobiphenyl
Concen: 4.85 ng
RT: 12.97 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM003611.D
Acq: 18 Dec 2015 13:49

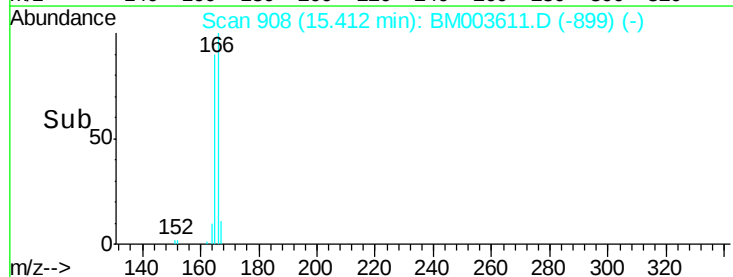
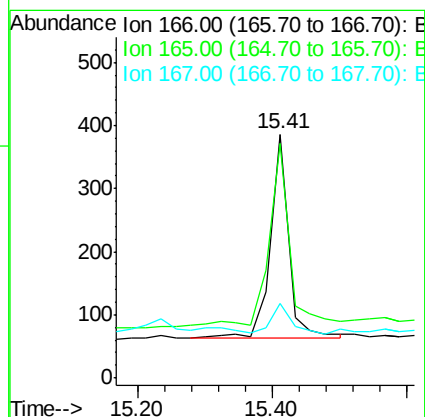
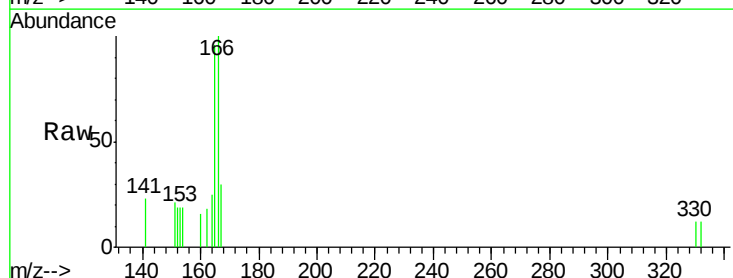
Instrument :
BNA_M
ClientSampleId :
SCVM-INF

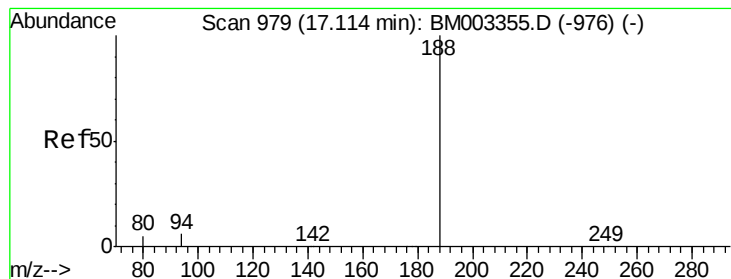
Tot Ion:172 Resp: 102601
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.4 18.9 28.3



#18
Fluorene
Concen: 0.03 ng
RT: 15.41 min Scan# 908
Delta R.T. -0.00 min
Lab File: BM003611.D
Acq: 18 Dec 2015 13:49

Tgt Ion:166 Resp: 614
Ion Ratio Lower Upper
166 100
165 103.9 80.8 121.2
167 16.1 10.5 15.7#





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.08 min Scan# 977

Delta R.T. -0.03 min

Lab File: BM003611.D

Acq: 18 Dec 2015 13:49

Instrument :

BNA_M

ClientSampleId :

SCVM-INF

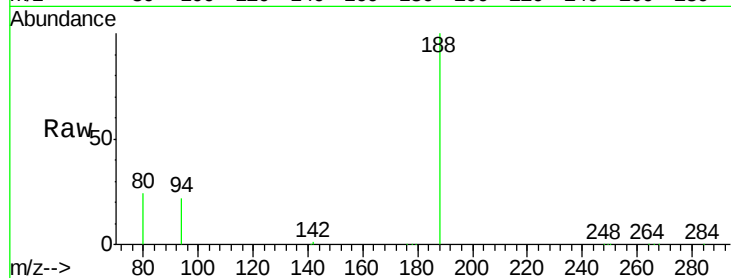
Tot Ion:188 Resp: 121787

Ion Ratio Lower Upper

188 100

94 21.8 1.8 2.6#

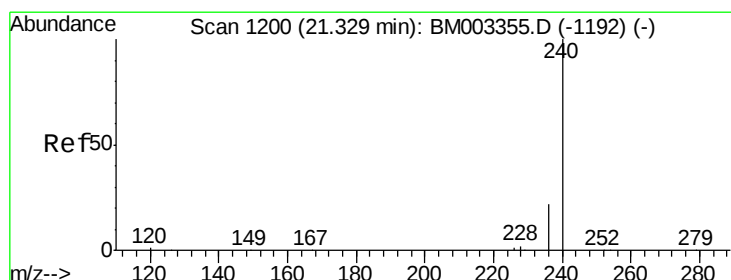
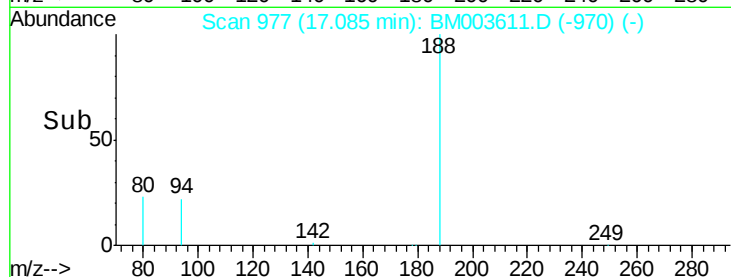
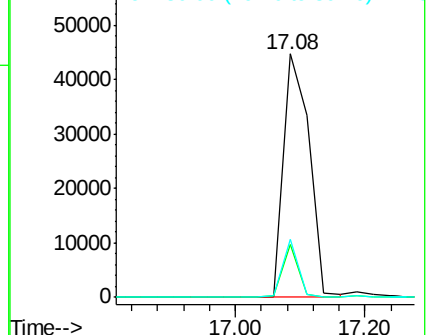
80 23.7 1.4 2.0#



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1198

Delta R.T. -0.02 min

Lab File: BM003611.D

Acq: 18 Dec 2015 13:49

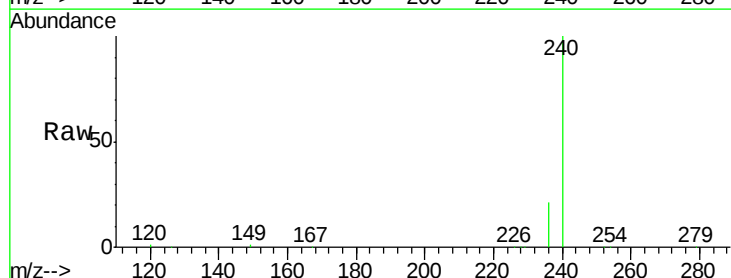
Tgt Ion:240 Resp: 95024

Ion Ratio Lower Upper

240 100

120 1.2 1.0 1.4

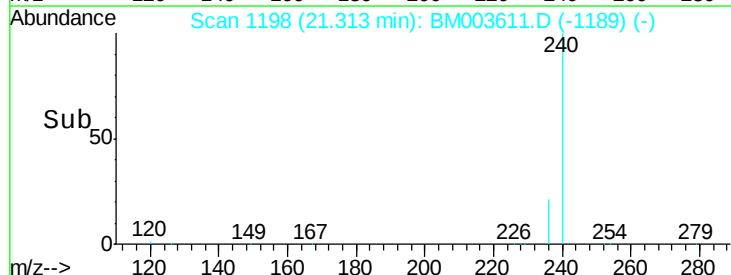
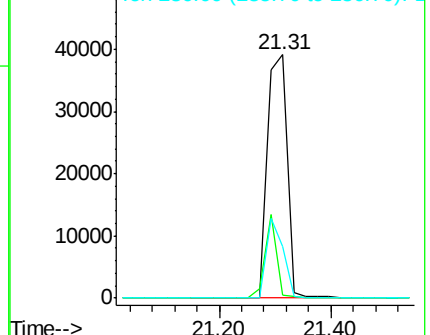
236 21.1 17.9 26.9

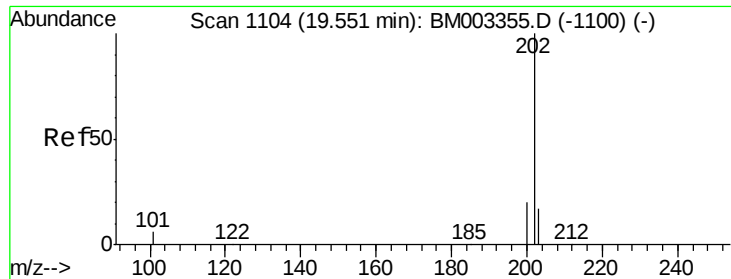


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pvrene

Concen: 0.03 ng

RT: 19.54 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BM003611.D

Acq: 18 Dec 2015 13:49

Instrument :

BNA_M

ClientSampleId :

SCVM-INF

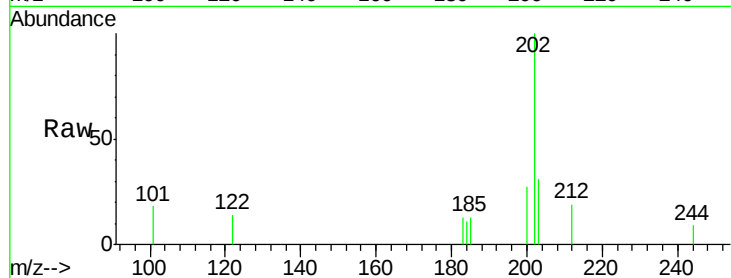
Tot Ion:202 Resp: 925

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

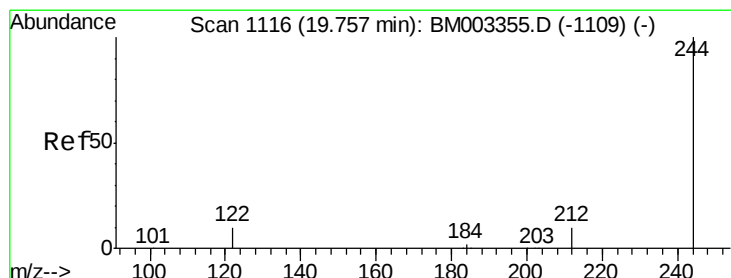
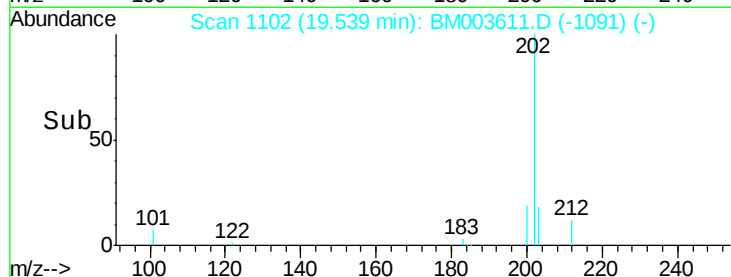
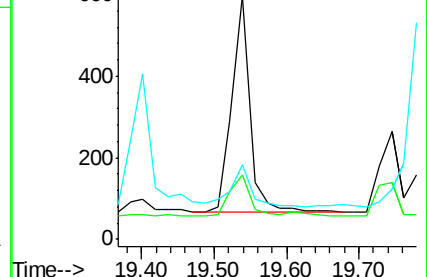
203 22.6 13.8 20.6#



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



#29

Terphenyl-d14

Concen: 4.86 ng

RT: 19.75 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BM003611.D

Acq: 18 Dec 2015 13:49

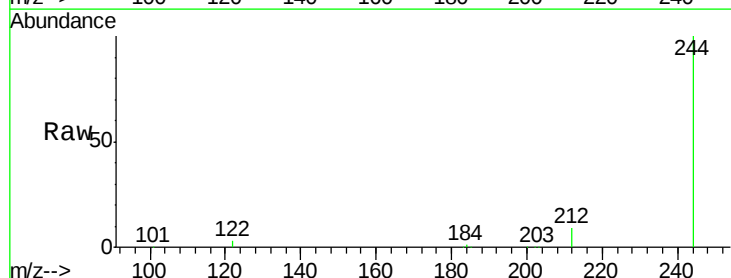
Tgt Ion:244 Resp: 74959

Ion Ratio Lower Upper

244 100

212 9.3 6.5 9.7

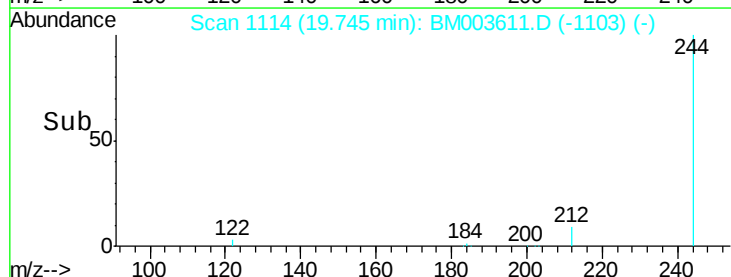
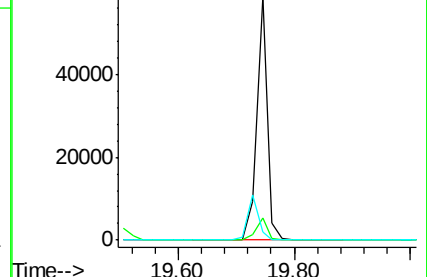
122 3.3 2.0 3.0#

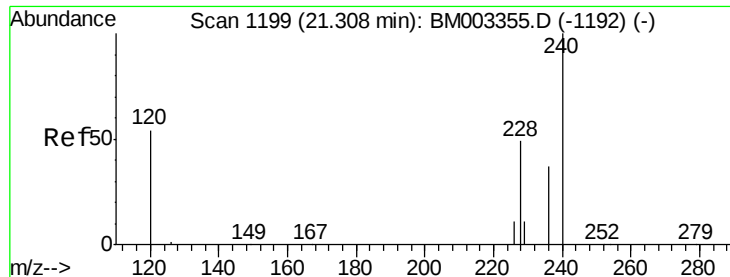


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.03 ng/mL

RT: 21.29 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BM003611.D

Acq: 18 Dec 2015 13:49

Instrument:

BNA_M

ClientSampled:

SCVM-INF

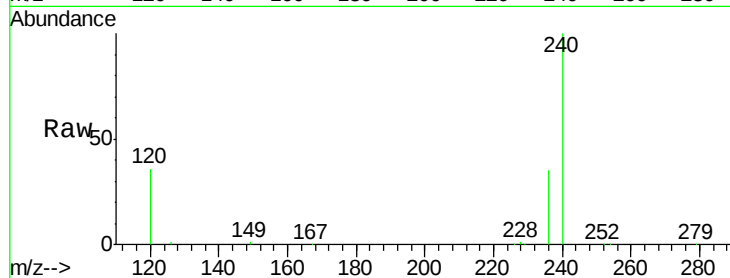
Tot Ion: 228 Resp: 669

Ion Ratio Lower Upper

228 100

226 30.4 17.8 26.6#

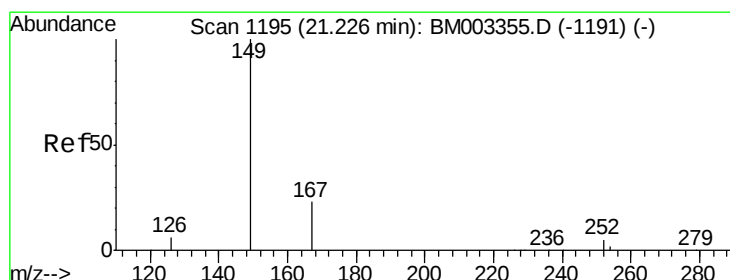
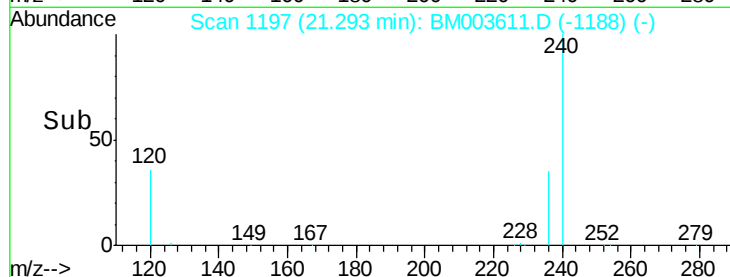
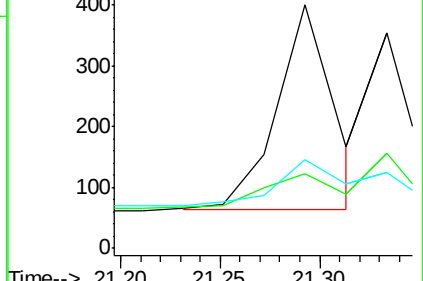
229 36.4 18.0 27.0#



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



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.40 ng/mL

RT: 21.21 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BM003611.D

Acq: 18 Dec 2015 13:49

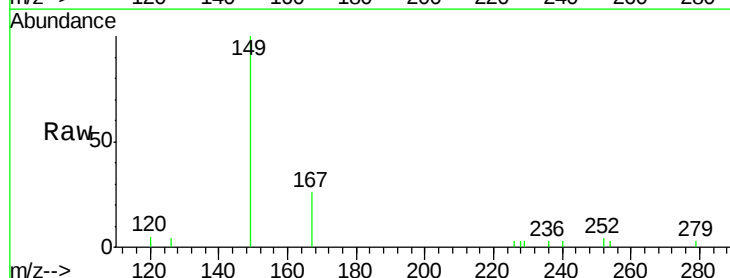
Tgt Ion: 149 Resp: 2682

Ion Ratio Lower Upper

149 100

167 24.9 19.6 29.4

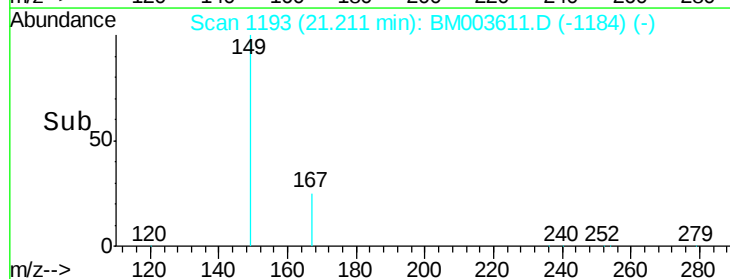
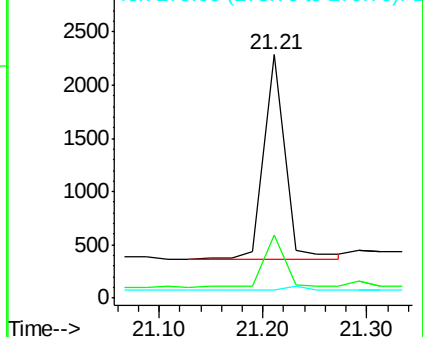
279 0.0 0.0 0.0

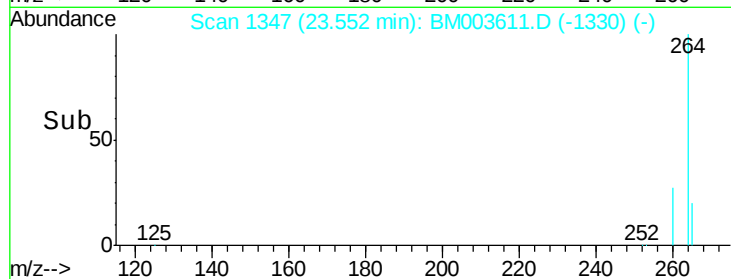
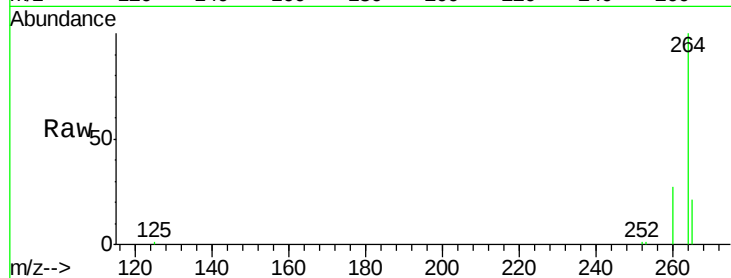
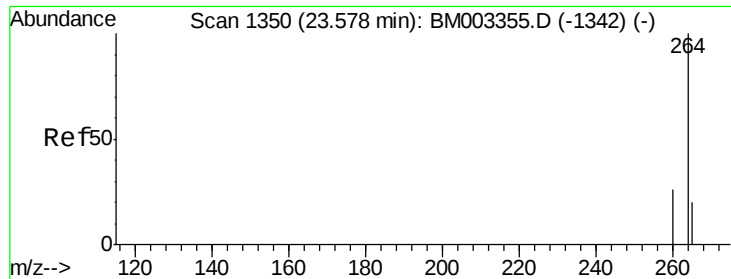


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Pervlene-d12

Concen: 5.00 ng

RT: 23.55 min Scan# 1347

Delta R.T. -0.03 min

Lab File: BM003611.D

Acq: 18 Dec 2015 13:49

Instrument :

BNA_M

ClientSampleId :

SCVM-INF

Tot Ion: 264 Resp: 98832

Ion Ratio Lower Upper

264 100

260 26.7 19.6 29.4

265 21.1 18.4 27.6

