

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061915\
 Data File : BM001757.D
 Acq On : 19 Jun 2015 12:08
 Operator : TP/IZ
 Sample : G2685-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 061715-P22-E-D-S

Quant Time: Jun 19 12:56:36 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 05:05:14 2015
 Response via : Initial Calibration

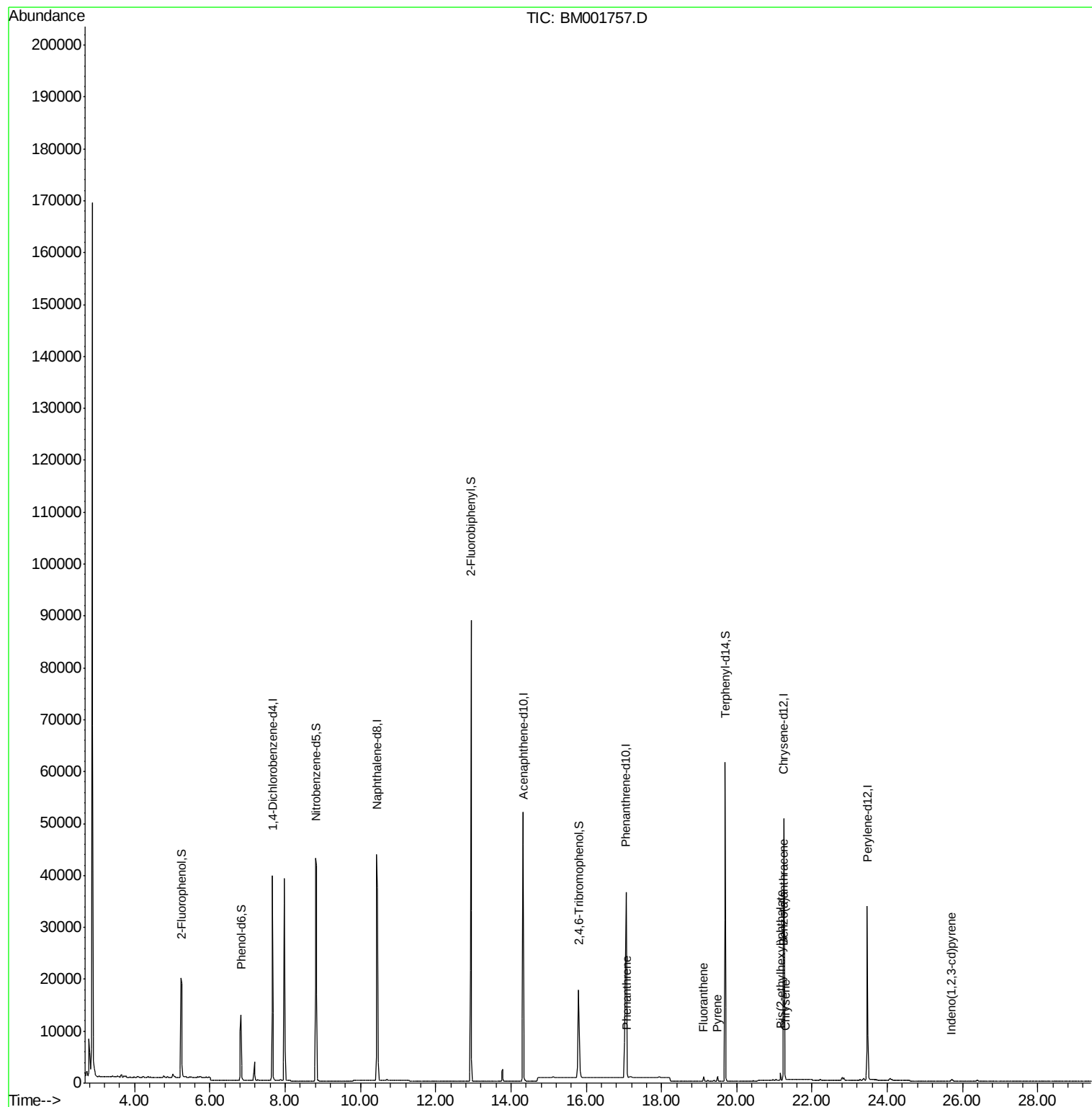
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	18821	5.00	ng	0.00
6) Naphthalene-d8	10.44	136	70308	5.00	ng	-0.02
12) Acenaphthene-d10	14.32	164	33959	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	72640	5.00	ng	0.00
25) Chrysene-d12	21.25	240	46701	5.00	ng	0.00
32) Perylene-d12	23.47	264	40784	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	18155	4.13	ng	0.00
5) Phenol-d6	6.83	99	14487	2.56	ng	0.00
7) Nitrobenzene-d5	8.83	82	39373	7.18	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	15265	14.39	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	89608	7.38	ng	0.00
27) Terphenyl-d14	19.70	244	59541	8.65	ng	0.00
Target Compounds						Qvalue
22) Phenanthrene	17.09	178	872	0.04	ng	# 90
24) Fluoranthene	19.12	202	901	0.06	ng	# 95
26) Pyrene	19.49	202	903	0.06	ng	98
28) Benzo(a)anthracene	21.24	228	936	0.07	ng	# 84
29) Chrysene	21.28	228	584	0.04	ng	# 88
30) Bis(2-ethylhexyl)phthalate	21.16	149	1237	0.15	ng	# 100
31) Indeno(1,2,3-cd)pyrene	25.70	276	484	0.03	ng	97

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061915\
Data File : BM001757.D
Acq On : 19 Jun 2015 12:08
Operator : TP/IZ
Sample : G2685-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
061715-P22-E-D-S

Quant Time: Jun 19 12:56:36 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 05:05:14 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.66 min Scan# 323

Delta R.T. -0.00 min

Lab File: BM001757.D

Acq: 19 Jun 2015 12:08

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-D-S

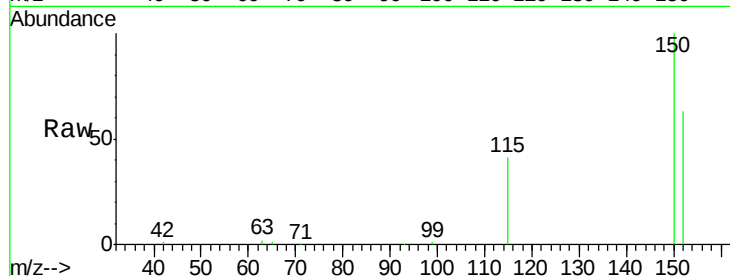
Tgt Ion:152 Resp: 18821

Ion Ratio Lower Upper

152 100

150 159.2 127.5 191.3

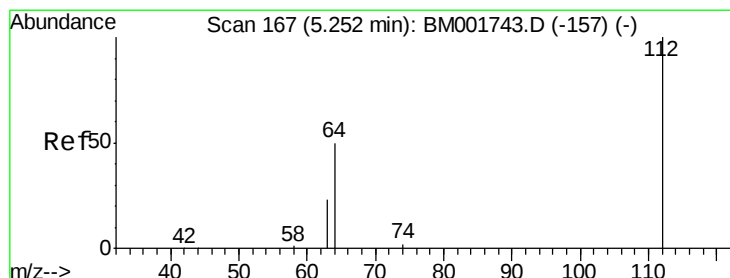
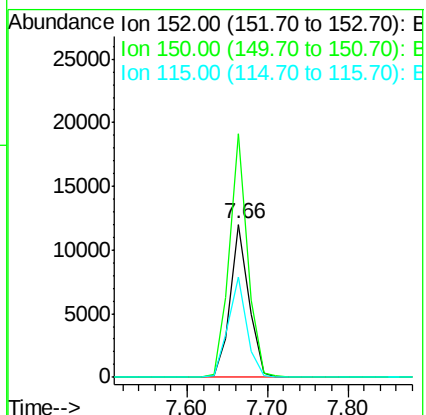
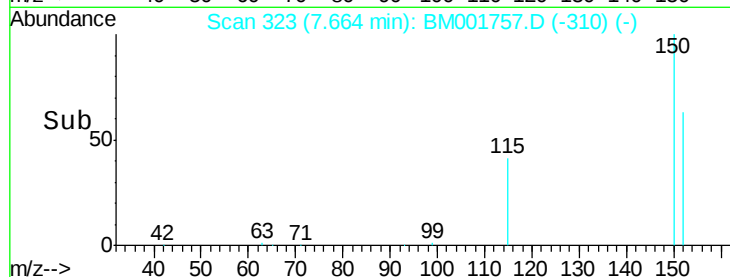
115 65.6 53.2 79.8



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: 4.13 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.00 min

Lab File: BM001757.D

Acq: 19 Jun 2015 12:08

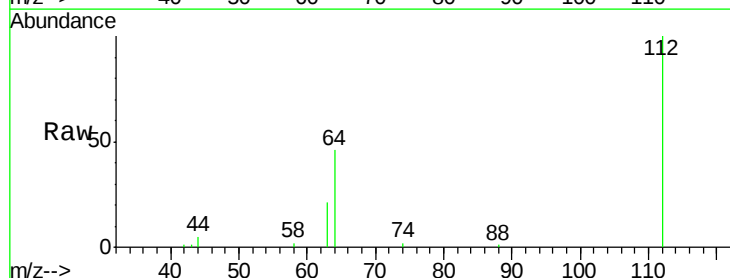
Tgt Ion:112 Resp: 18155

Ion Ratio Lower Upper

112 100

64 69.7 55.6 83.4

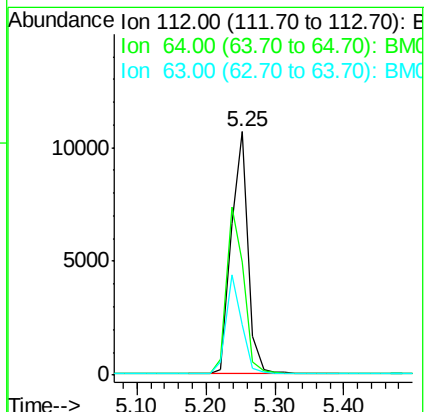
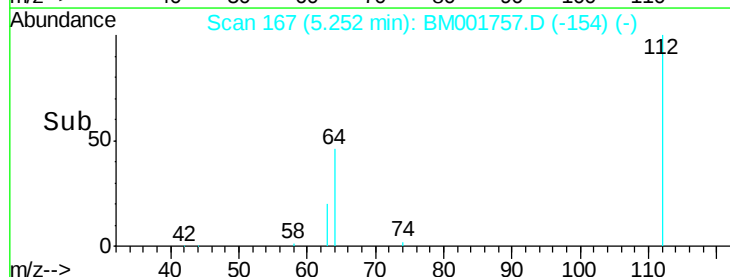
63 38.1 30.2 45.2

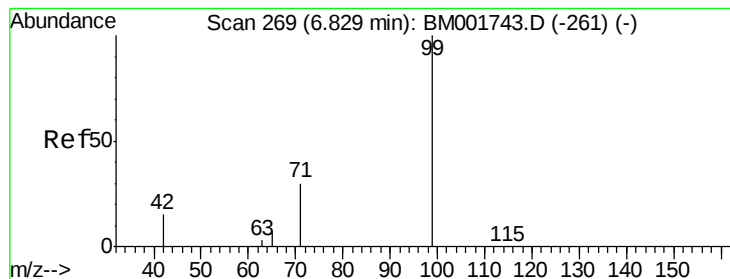


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 2.56 ng

RT: 6.83 min Scan# 269

Delta R.T. -0.00 min

Lab File: BM001757.D

Acq: 19 Jun 2015 12:08

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-D-S

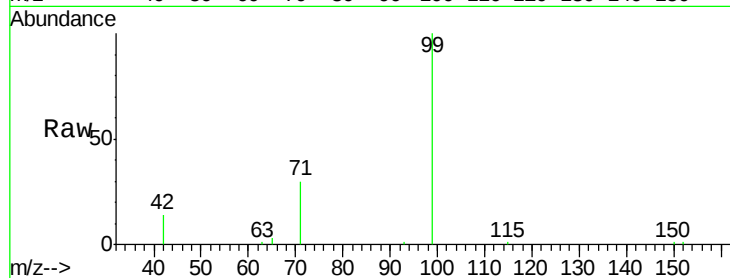
Tgt Ion: 99 Resp: 14487

Ion Ratio Lower Upper

99 100

42 25.6 21.4 32.0

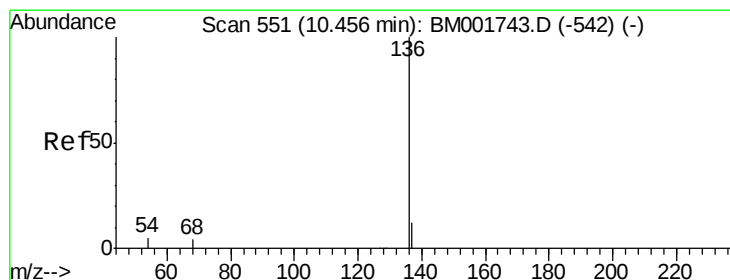
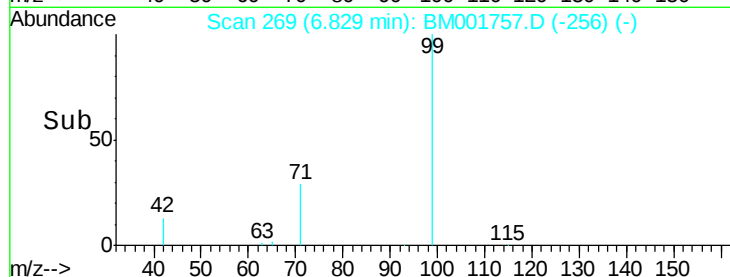
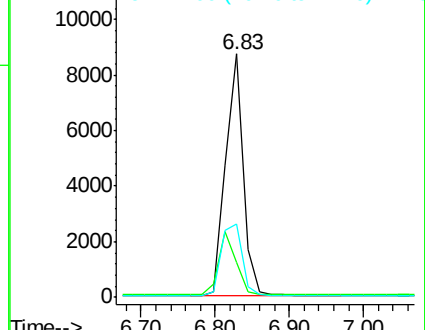
71 35.6 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BM001743.D (-261) (-)

Ion 42.00 (41.70 to 42.70): BM001743.D (-261) (-)

Ion 71.00 (70.70 to 71.70): BM001743.D (-261) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.02 min

Lab File: BM001757.D

Acq: 19 Jun 2015 12:08

Tgt Ion: 136 Resp: 70308

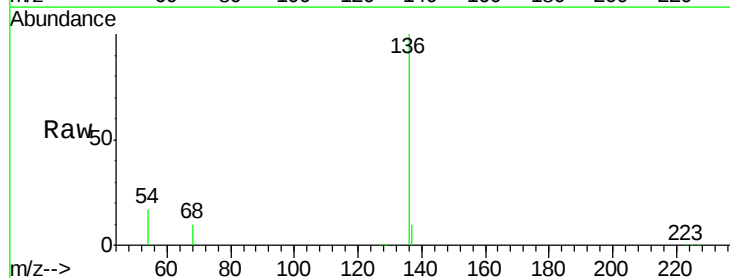
Ion Ratio Lower Upper

136 100

137 9.9 9.4 14.0

54 17.1 4.4 6.6#

68 9.8 3.1 4.7#

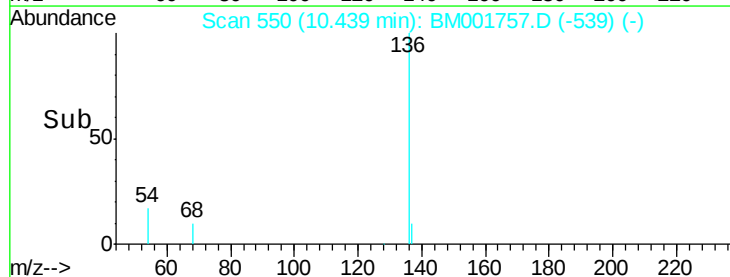
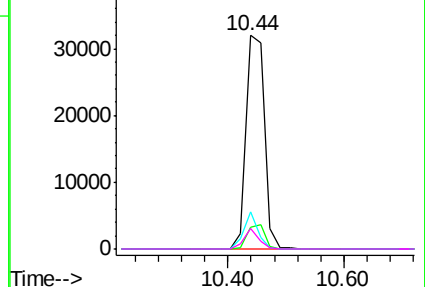


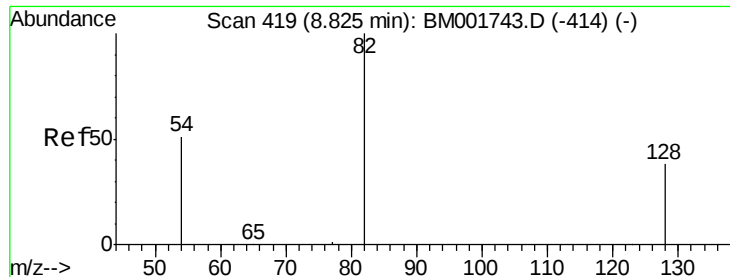
Abundance Ion 136.00 (135.70 to 136.70): BM001743.D (-542) (-)

Ion 137.00 (136.70 to 137.70): BM001743.D (-542) (-)

Ion 54.00 (53.70 to 54.70): BM001743.D (-542) (-)

Ion 68.00 (67.70 to 68.70): BM001743.D (-542) (-)





#7

Nitrobenzene-d5

Concen: 7.18 ng

RT: 8.83 min Scan# 419

Delta R.T. -0.00 min

Lab File: BM001757.D

Acq: 19 Jun 2015 12:08

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-D-S

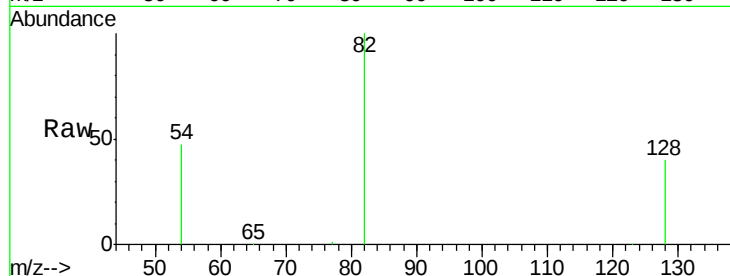
Tgt Ion: 82 Resp: 39373

Ion Ratio Lower Upper

82 100

128 40.4 31.3 46.9

54 46.5 41.9 62.9

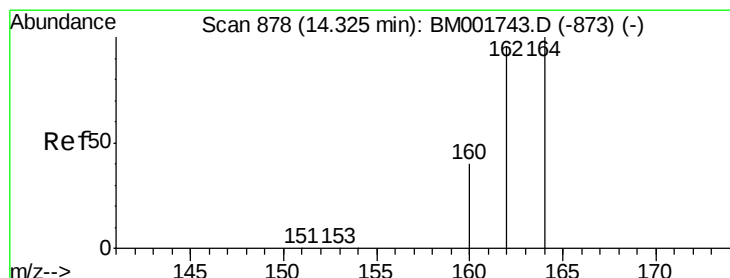
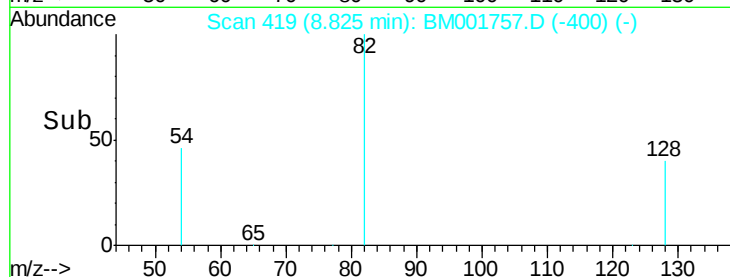


Abundance Ion 82.00 (81.70 to 82.70): BM001743.D (-414) (-)

Ion 128.00 (127.70 to 128.70): BM001743.D (-414) (-)

Ion 54.00 (53.70 to 54.70): BM001743.D (-414) (-)

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.32 min Scan# 878

Delta R.T. -0.00 min

Lab File: BM001757.D

Acq: 19 Jun 2015 12:08

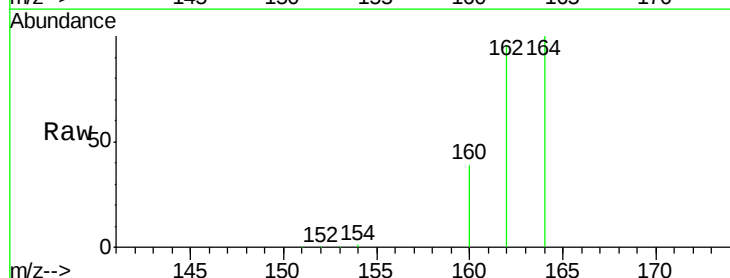
Tgt Ion: 164 Resp: 33959

Ion Ratio Lower Upper

164 100

162 95.7 76.6 114.8

160 39.4 31.8 47.8

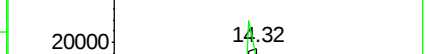
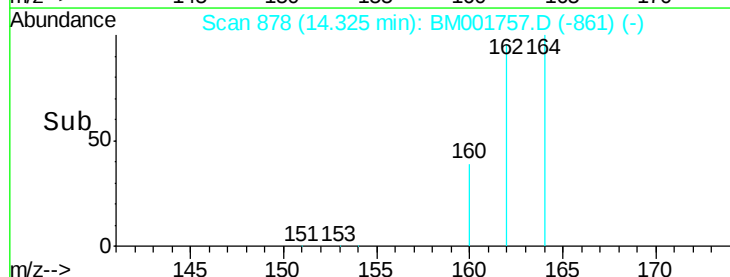


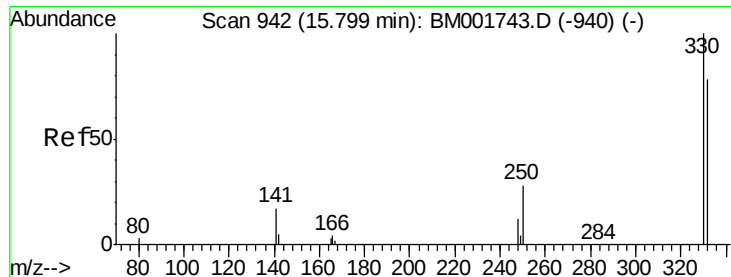
Abundance Ion 164.00 (163.70 to 164.70): BM001743.D (-873) (-)

Ion 162.00 (161.70 to 162.70): BM001743.D (-873) (-)

Ion 160.00 (159.70 to 160.70): BM001743.D (-873) (-)

Time-->

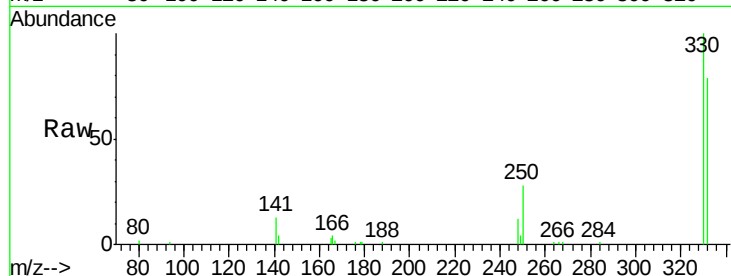




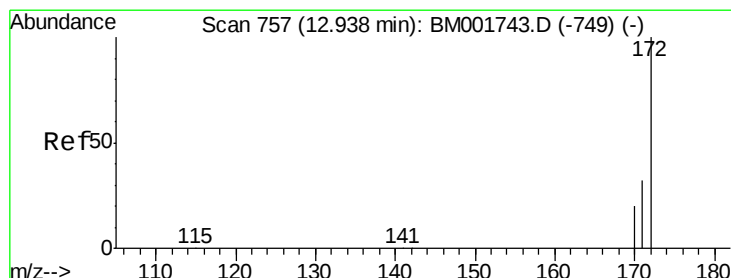
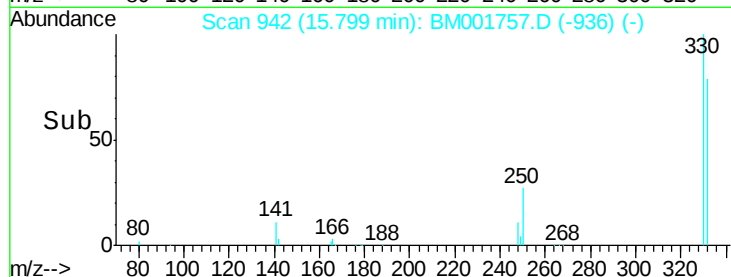
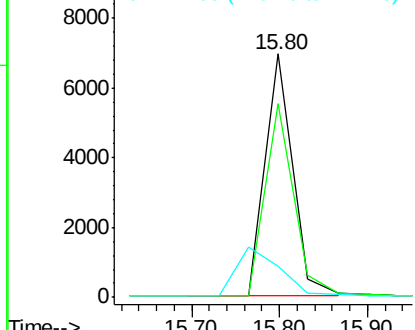
#13
 2,4,6-Tribromophenol
 Concen: 14.39 ng
 RT: 15.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001757.D
 Acq: 19 Jun 2015 12:08

Instrument :
 BNA_M
 ClientSampleId :
 061715-P22-E-D-S

Tgt Ion:330 Resp: 15265
 Ion Ratio Lower Upper
 330 100
 332 82.3 65.8 98.8
 141 0.0 0.0 0.0

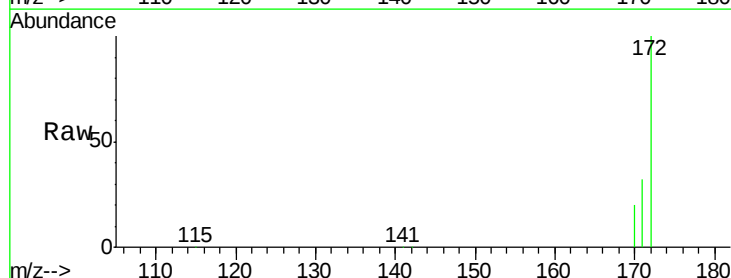


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

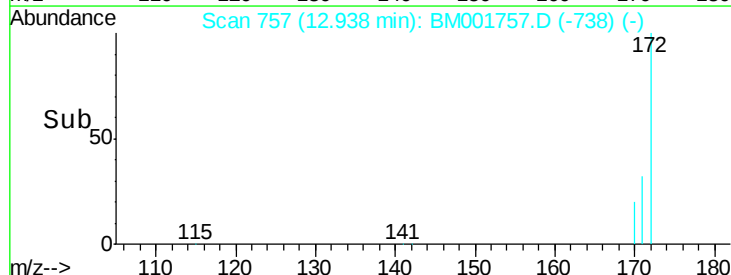
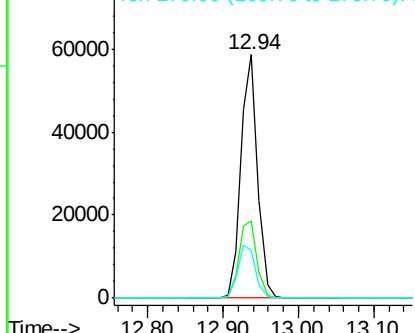


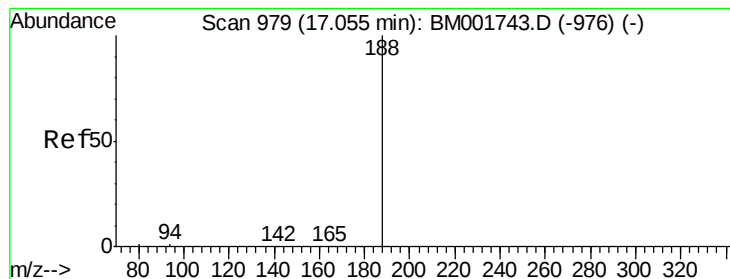
#14
 2-Fluorobiphenyl
 Concen: 7.38 ng
 RT: 12.94 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BM001757.D
 Acq: 19 Jun 2015 12:08

Tgt Ion:172 Resp: 89608
 Ion Ratio Lower Upper
 172 100
 171 31.8 26.2 39.2
 170 19.6 16.6 24.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 979

Delta R.T. -0.00 min

Lab File: BM001757.D

Acq: 19 Jun 2015 12:08

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-D-S

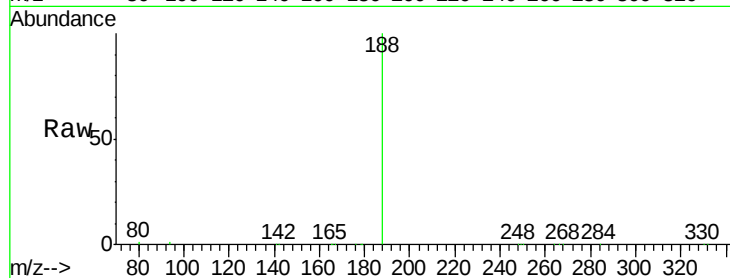
Tgt Ion:188 Resp: 72640

Ion Ratio Lower Upper

188 100

94 1.3 1.3 1.9

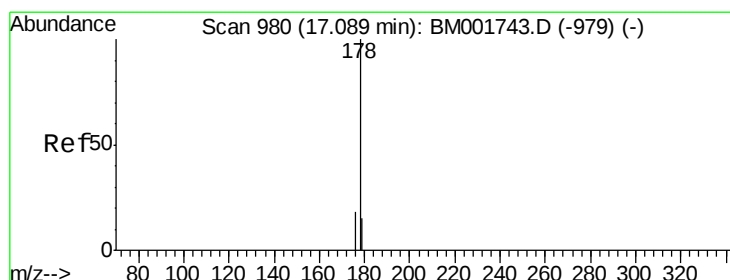
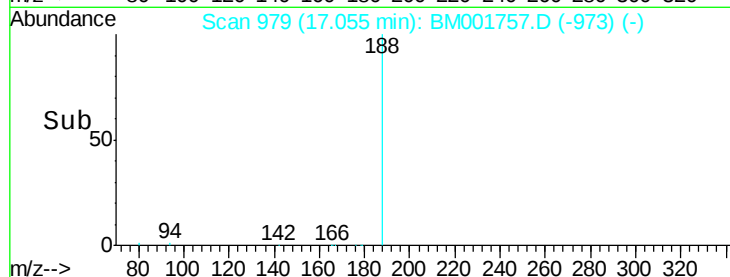
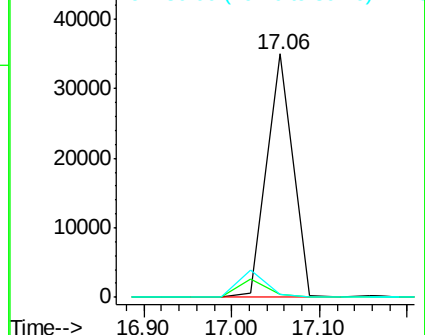
80 1.1 1.0 1.6



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



#22

Phenanthrene

Concen: 0.04 ng

RT: 17.09 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM001757.D

Acq: 19 Jun 2015 12:08

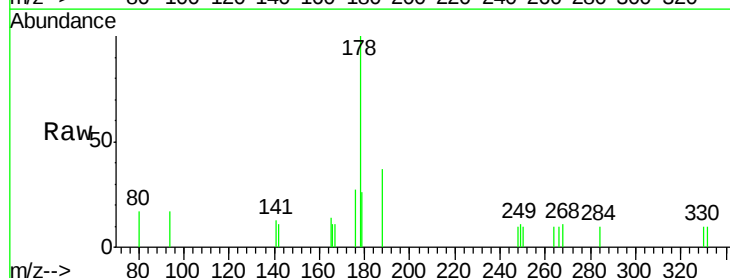
Tgt Ion:178 Resp: 872

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

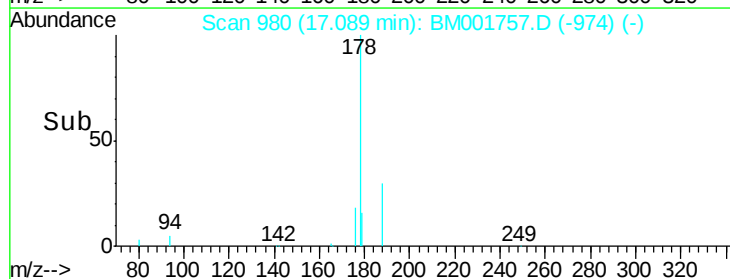
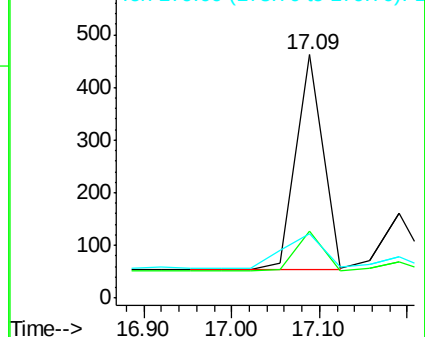
179 24.1 12.6 19.0#

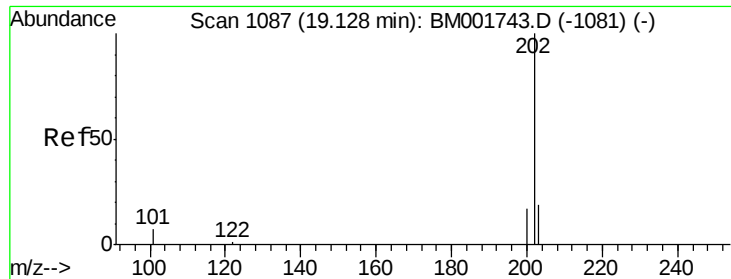


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

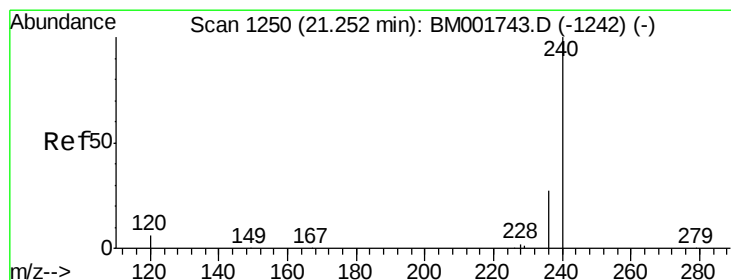
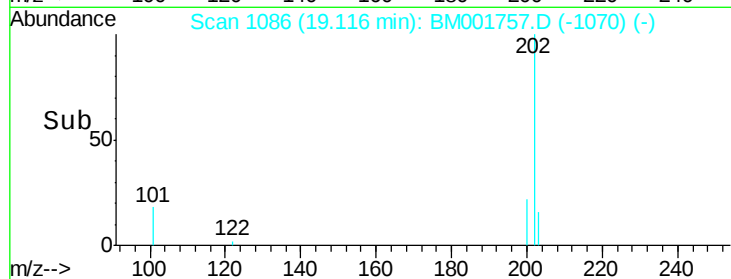
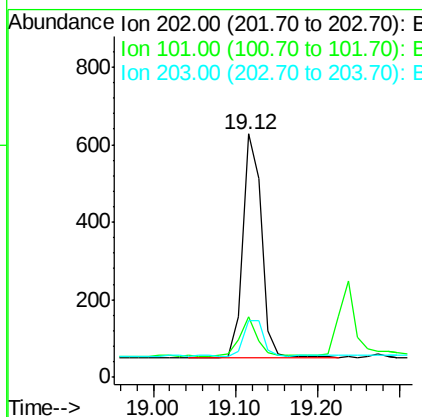
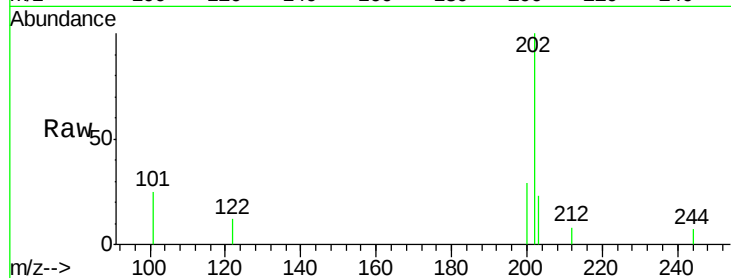




#24
 Fluoranthene
 Concen: 0.06 ng
 RT: 19.12 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BM001757.D
 Acq: 19 Jun 2015 12:08

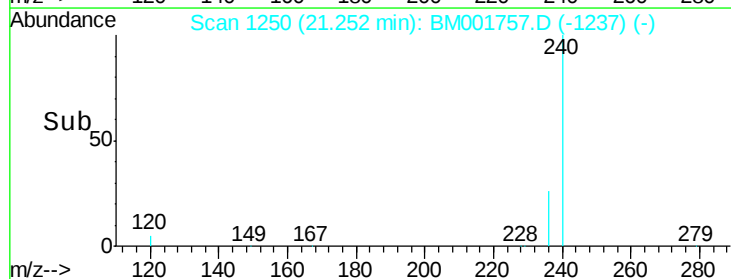
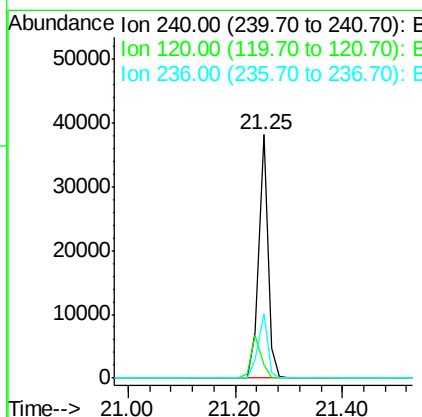
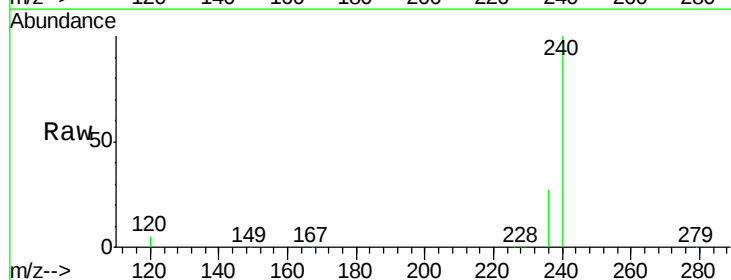
Instrument :
 BNA_M
 ClientSampleId :
 061715-P22-E-D-S

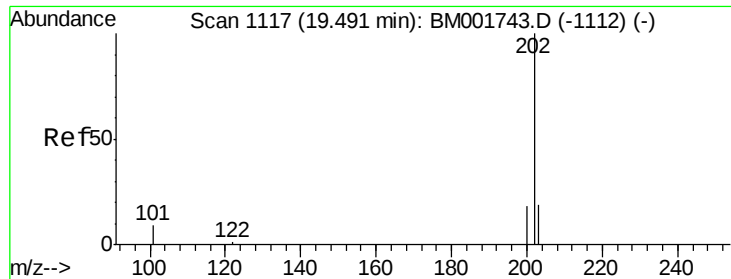
Tgt Ion: 202 Resp: 901
 Ion Ratio Lower Upper
 202 100
 101 17.1 10.8 16.2#
 203 17.9 13.8 20.6



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.25 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BM001757.D
 Acq: 19 Jun 2015 12:08

Tgt Ion: 240 Resp: 46701
 Ion Ratio Lower Upper
 240 100
 120 5.3 4.7 7.1
 236 26.5 21.6 32.4

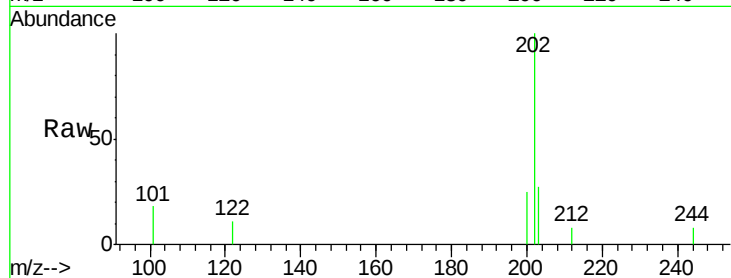




#26
Pyrene
Concen: 0.06 ng
RT: 19.49 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BM001757.D
Acq: 19 Jun 2015 12:08

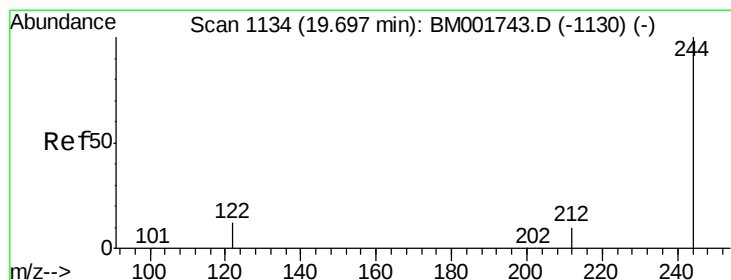
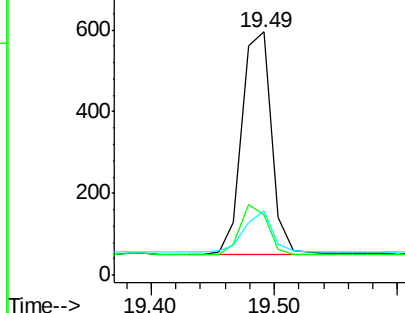
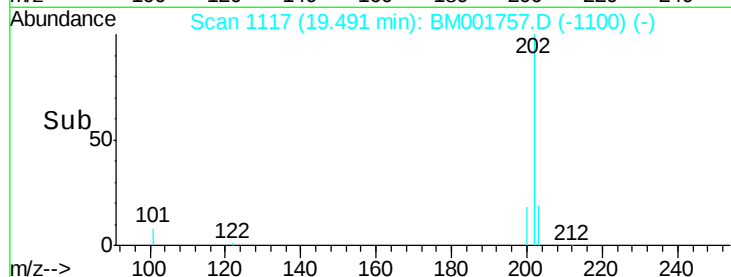
Instrument :
BNA_M
ClientSampleId :
061715-P22-E-D-S

Tgt Ion: 202 Resp: 903
Ion Ratio Lower Upper
202 100
200 21.3 16.6 24.8
203 18.6 13.9 20.9



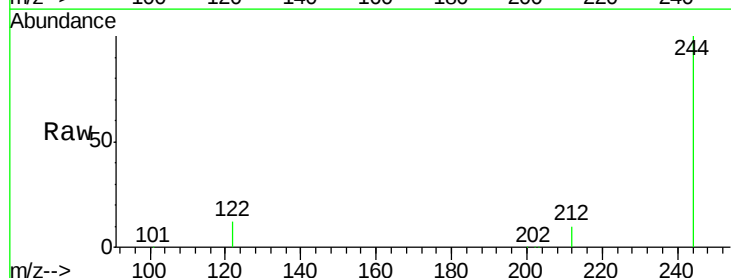
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

19.49



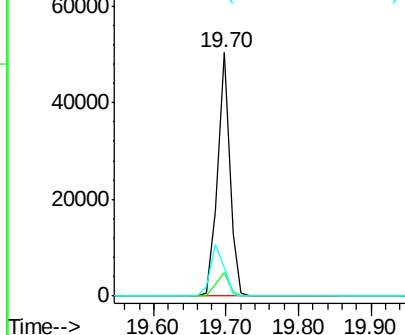
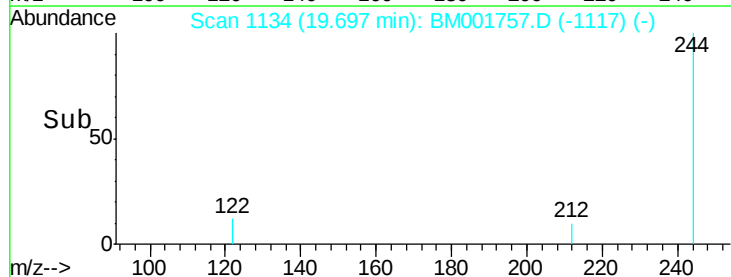
#27
Terphenyl-d14
Concen: 8.65 ng
RT: 19.70 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BM001757.D
Acq: 19 Jun 2015 12:08

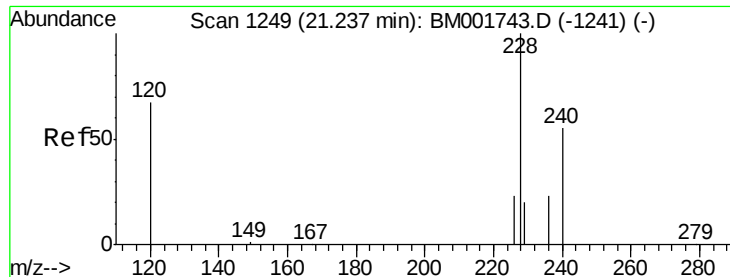
Tgt Ion: 244 Resp: 59541
Ion Ratio Lower Upper
244 100
212 9.8 8.6 13.0
122 11.7 10.6 15.8



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

19.70





#28

Benzo(a)anthracene

Concen: 0.07 ng

RT: 21.24 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BM001757.D

Acq: 19 Jun 2015 12:08

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-D-S

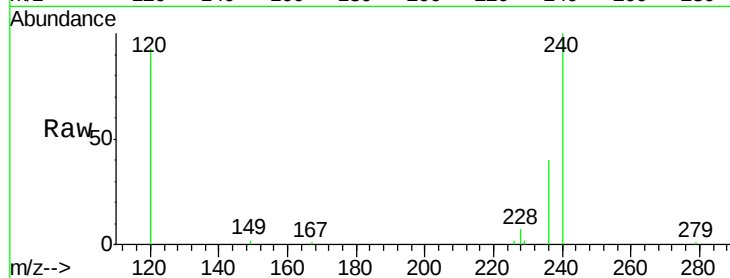
Tgt Ion:228 Resp: 936

Ion Ratio Lower Upper

228 100

226 30.4 18.9 28.3#

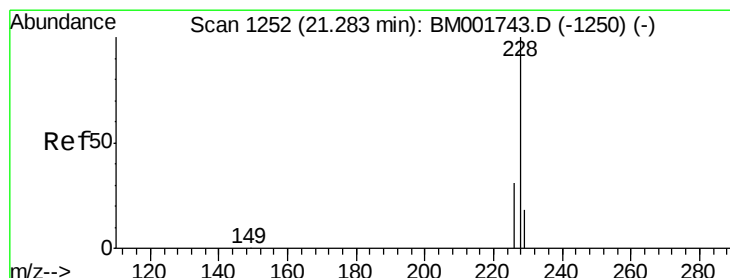
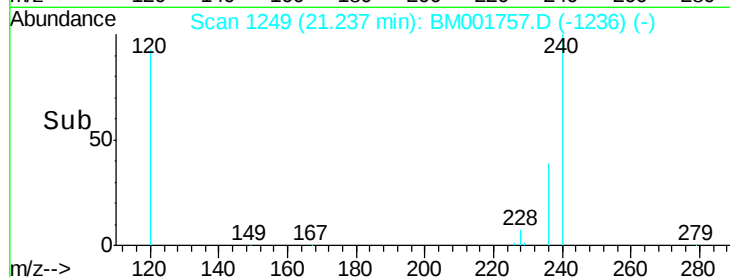
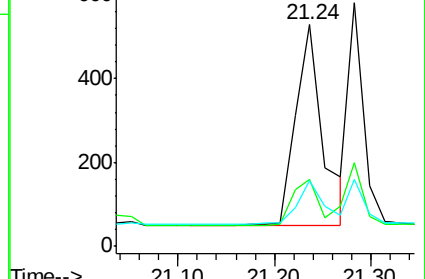
229 29.5 16.6 25.0#



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



#29

Chrysene

Concen: 0.04 ng

RT: 21.28 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM001757.D

Acq: 19 Jun 2015 12:08

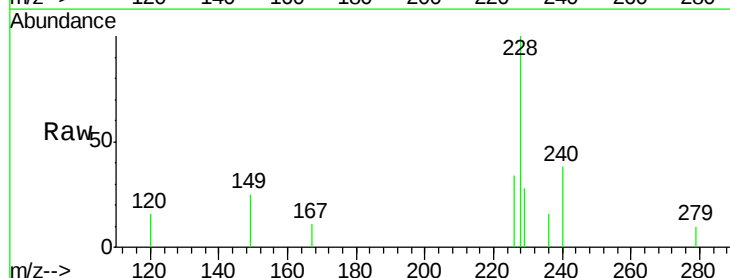
Tgt Ion:228 Resp: 584

Ion Ratio Lower Upper

228 100

226 34.4 24.3 36.5

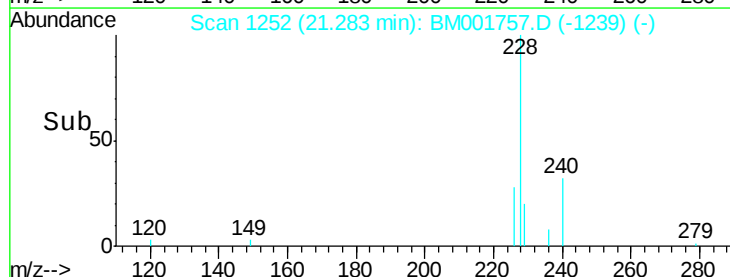
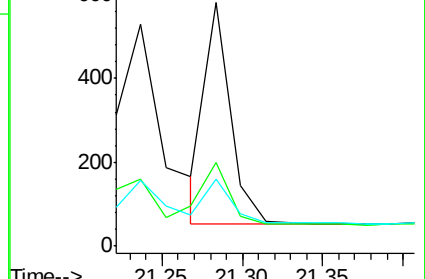
229 27.7 15.0 22.6#

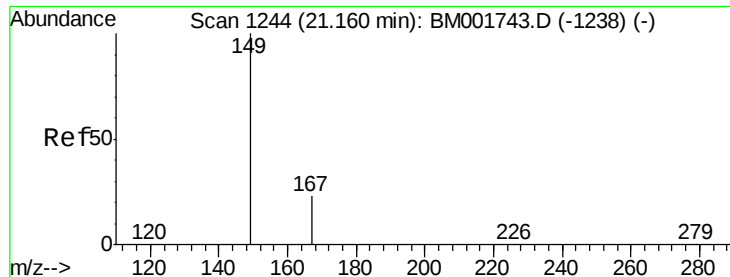


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.15 ng

RT: 21.16 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM001757.D

Acq: 19 Jun 2015 12:08

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-D-S

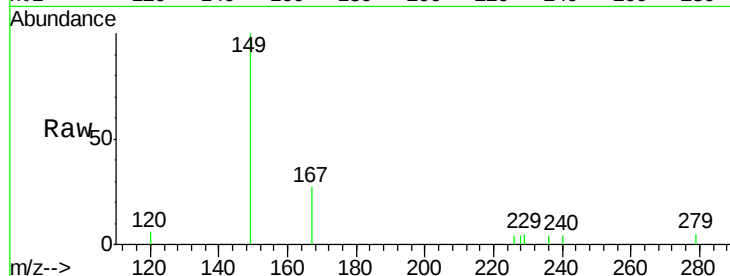
Tgt Ion:149 Resp: 1237

Ion Ratio Lower Upper

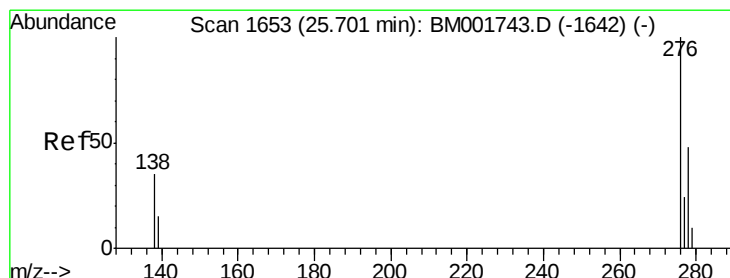
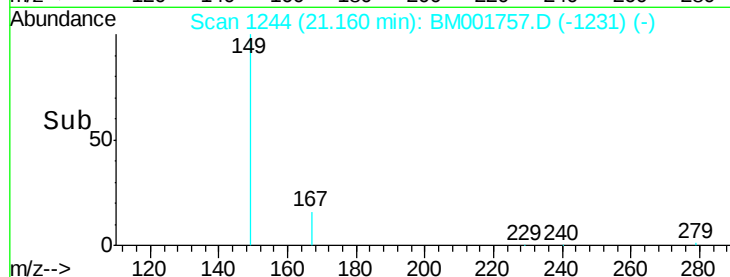
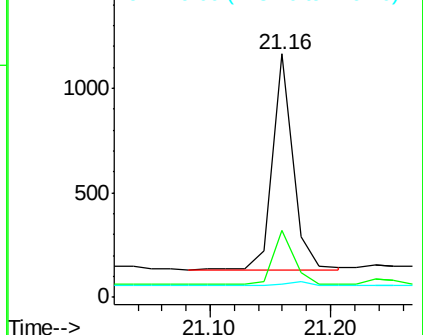
149 100

167 24.5 19.7 29.5

279 2.7 1.6 2.4#



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



#31

Indeno(1,2,3-cd)pyrene

Concen: 0.03 ng

RT: 25.70 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BM001757.D

Acq: 19 Jun 2015 12:08

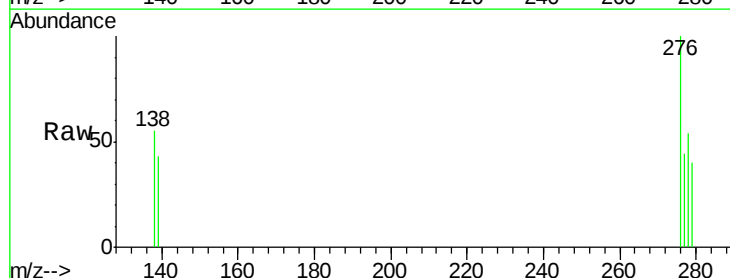
Tgt Ion:276 Resp: 484

Ion Ratio Lower Upper

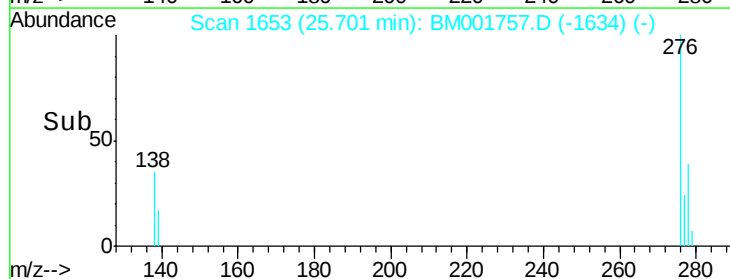
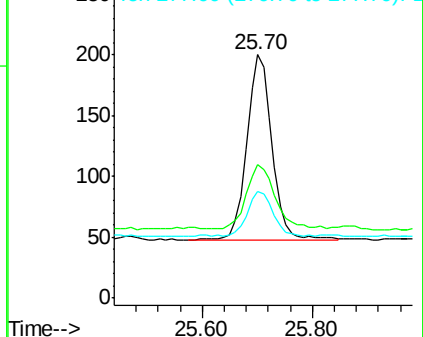
276 100

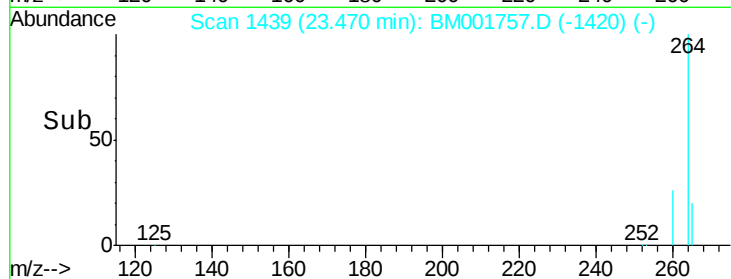
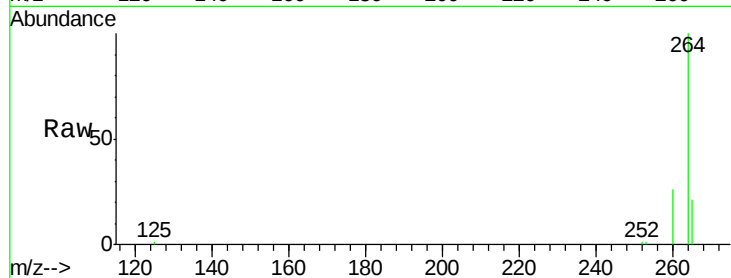
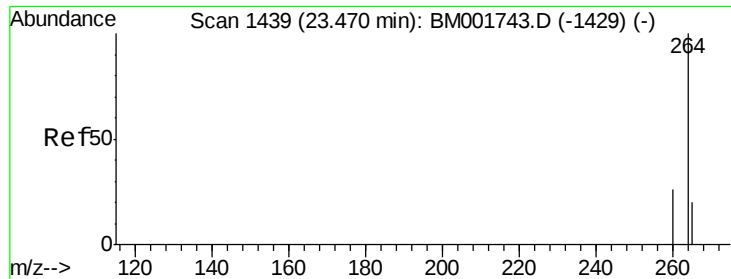
138 38.8 29.0 43.6

277 24.4 19.7 29.5



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





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.47 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BM001757.D

Acq: 19 Jun 2015 12:08

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-D-S

Tgt Ion:264 Resp: 40784

Ion Ratio Lower Upper

264 100

260 26.0 20.8 31.2

265 21.3 16.8 25.2

