

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062215\
 Data File : BM001771.D
 Acq On : 22 Jun 2015 12:45
 Operator : TP/IZ
 Sample : G2474-02
 Misc : 4 TIME INT STD
 ALS Vial : 3 Sample Multiplier: 4

Instrument :
 BNA_M
 ClientSampleId :
 C-2

Quant Time: Jun 23 04:20:23 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

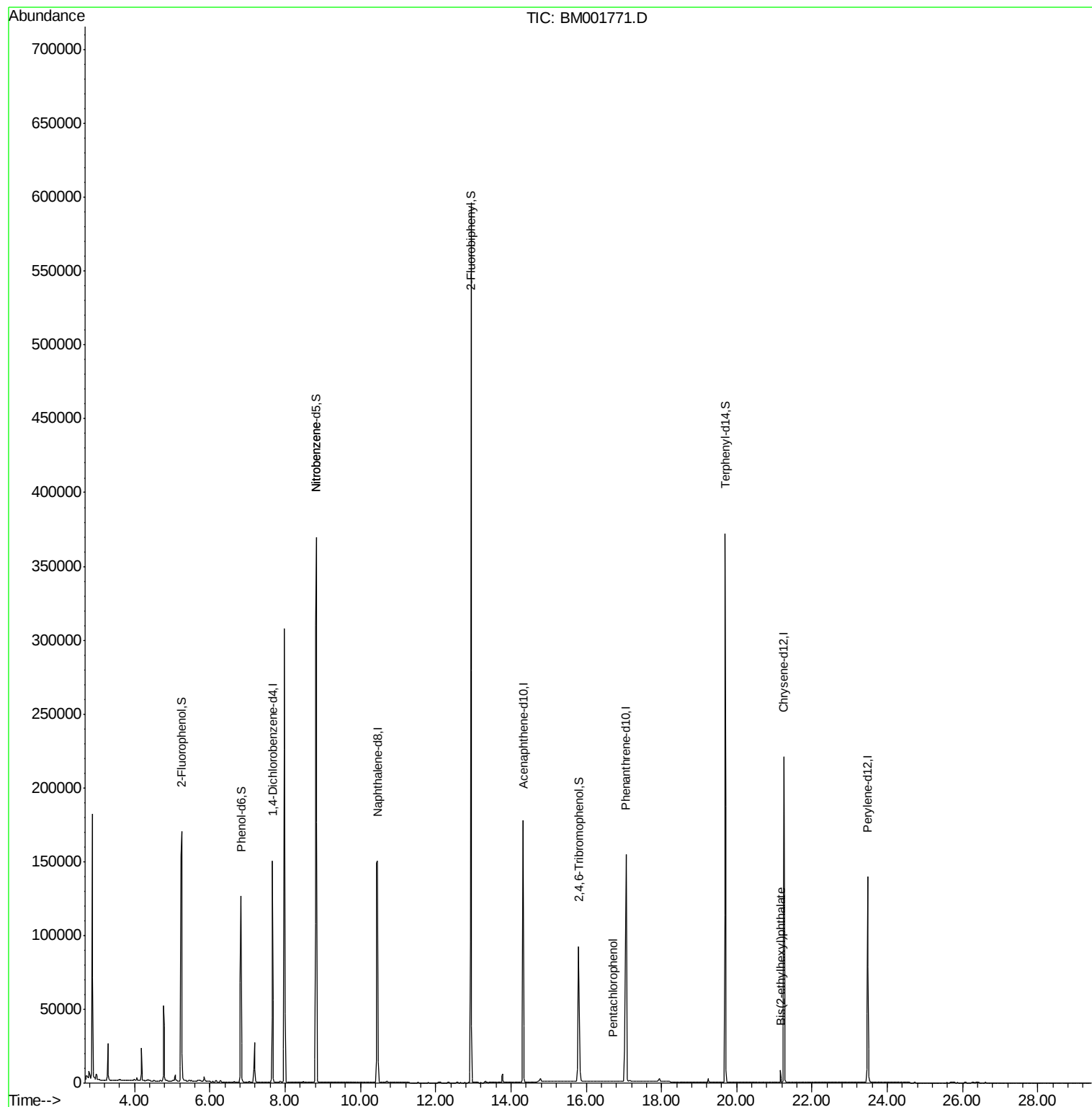
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	70926	5.00	ng	0.00
6) Naphthalene-d8	10.46	136	258915	5.00	ng	0.00
12) Acenaphthene-d10	14.32	164	120379	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	308551	5.00	ng	0.00
25) Chrysene-d12	21.25	240	198953	5.00	ng	0.00
32) Perylene-d12	23.48	264	178454	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	152458	36.78	ng	0.00
5) Phenol-d6	6.83	99	126495	23.70	ng	0.00
7) Nitrobenzene-d5	8.83	82	313808	62.13	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	78030	83.03	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	557700	51.85	ng	0.00
27) Terphenyl-d14	19.70	244	367510	50.14	ng	0.00
Target Compounds						Qvalue
8) Nitrobenzene	8.83	77	1129	0.21	ng	# 40
9) Naphthalene	10.49	128	346	0.02	ng	# 45
17) Fluorene	15.36	166	177	0.02	ng	# 84
21) Pentachlorophenol	16.72	266	102	0.11	ng	# 74
22) Phenanthrene	17.09	178	1317	0.05	ng	# 80
28) Benzo(a)anthracene	21.25	228	913	0.06	ng	# 77
29) Chrysene	21.25	228	913	0.06	ng	# 70
30) Bis(2-ethylhexyl)phthalate	21.16	149	8101	0.94	ng	99

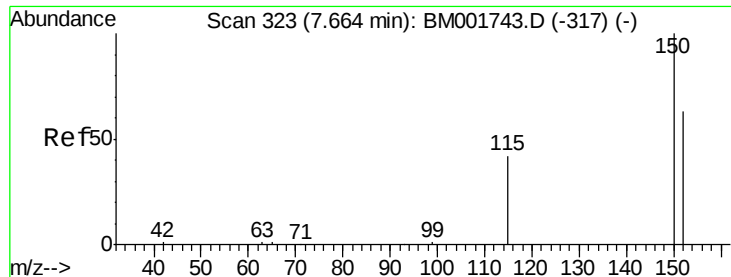
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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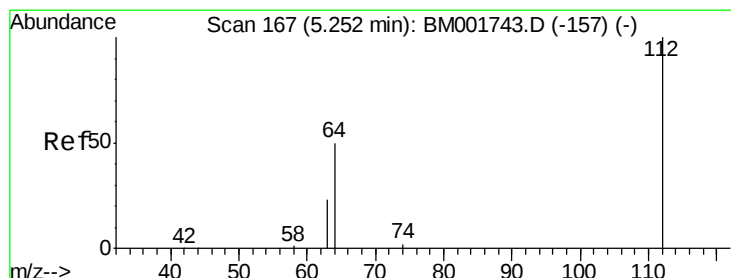
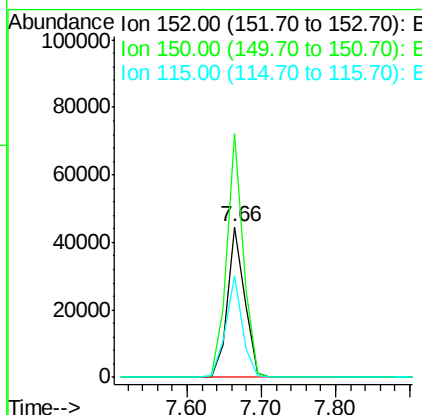
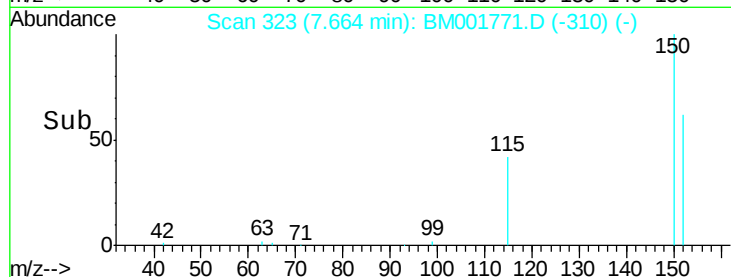
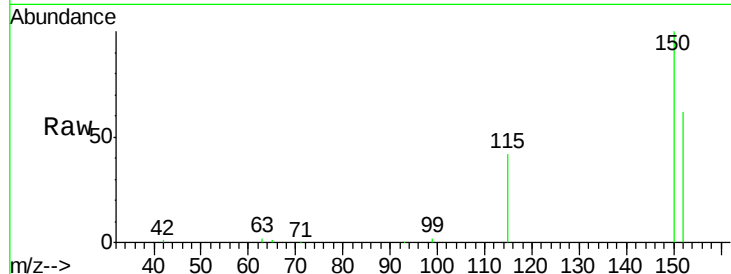




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.66 min Scan# 323
 Delta R.T. 0.00 min
 Lab File: BM001771.D
 Acq: 22 Jun 2015 12:45

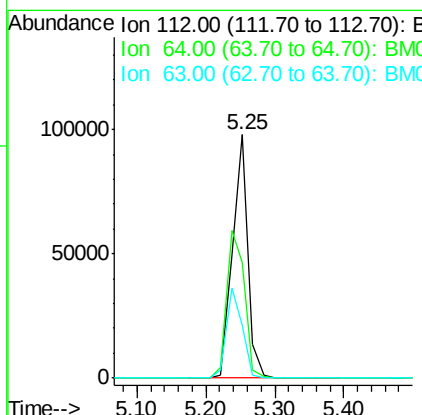
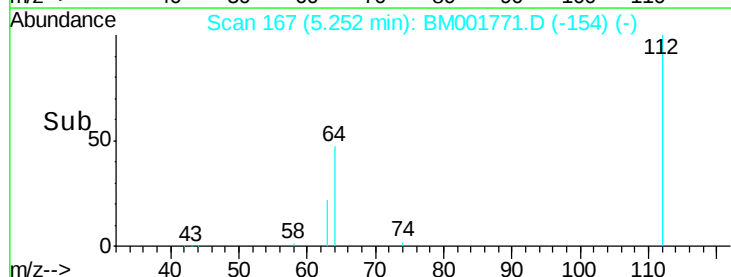
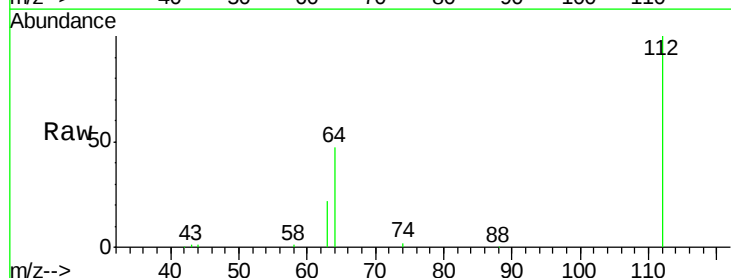
Instrument :
 BNA_M
 ClientSampleId :
 C-2

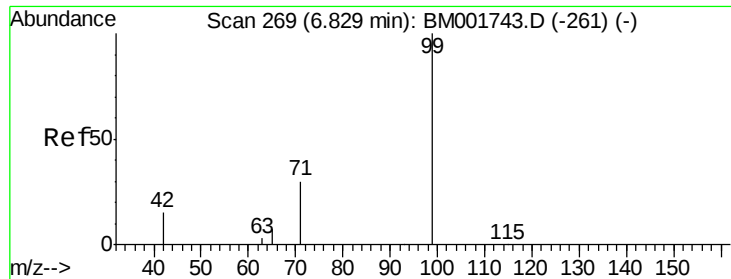
Tgt Ion:152 Resp: 70926
 Ion Ratio Lower Upper
 152 100
 150 161.5 127.5 191.3
 115 67.4 53.2 79.8



#4
 2-Fluorophenol
 Concen: 36.78 ng
 RT: 5.25 min Scan# 167
 Delta R.T. 0.00 min
 Lab File: BM001771.D
 Acq: 22 Jun 2015 12:45

Tgt Ion:112 Resp: 152458
 Ion Ratio Lower Upper
 112 100
 64 69.6 55.6 83.4
 63 38.1 30.2 45.2





#5

Phenol-d6

Concen: 23.70 ng

RT: 6.83 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM001771.D

Acq: 22 Jun 2015 12:45

Instrument :

BNA_M

ClientSampleId :

C-2

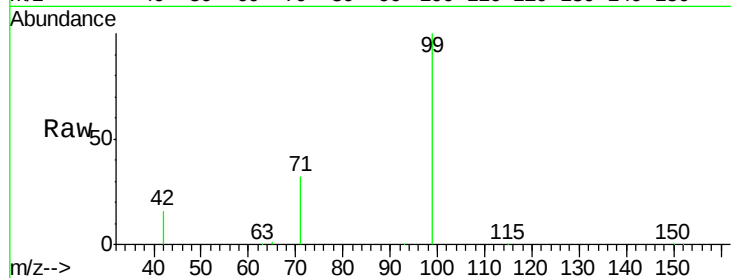
Tgt Ion: 99 Resp: 126495

Ion Ratio Lower Upper

99 100

42 26.0 21.4 32.0

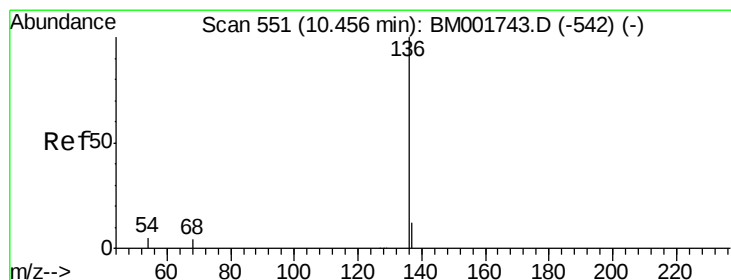
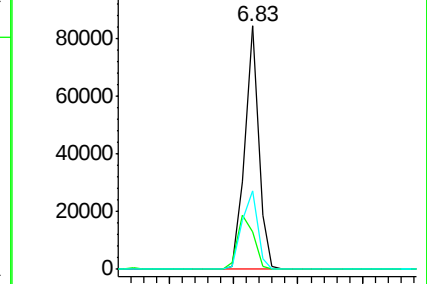
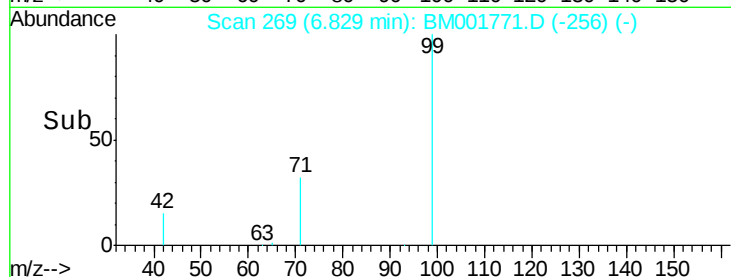
71 36.3 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BM001771.D (-256) (-)

Ion 42.00 (41.70 to 42.70): BM001771.D (-256) (-)

Ion 71.00 (70.70 to 71.70): BM001771.D (-256) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM001771.D

Acq: 22 Jun 2015 12:45

Tgt Ion: 136 Resp: 258915

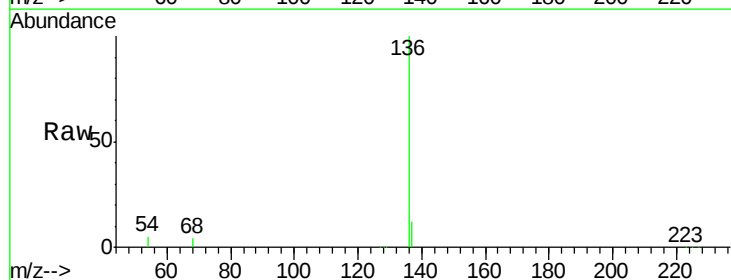
Ion Ratio Lower Upper

136 100

137 11.6 9.4 14.0

54 5.3 4.4 6.6

68 3.7 3.1 4.7

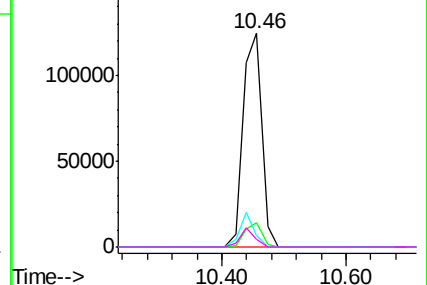
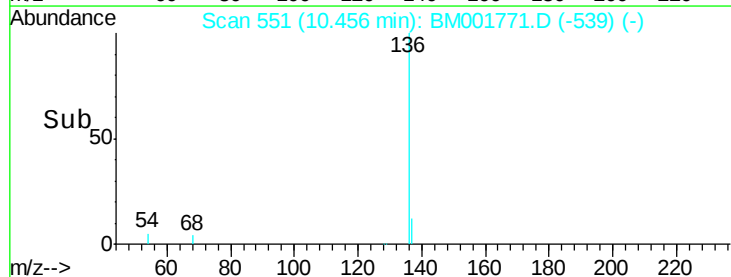


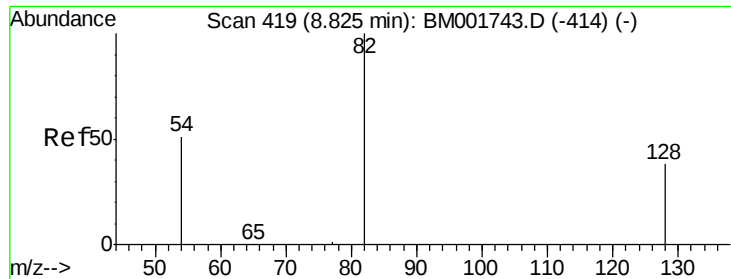
Abundance Ion 136.00 (135.70 to 136.70): BM001771.D (-539) (-)

Ion 137.00 (136.70 to 137.70): BM001771.D (-539) (-)

Ion 54.00 (53.70 to 54.70): BM001771.D (-539) (-)

Ion 68.00 (67.70 to 68.70): BM001771.D (-539) (-)





#7

Nitrobenzene-d5

Concen: 62.13 ng

RT: 8.83 min Scan# 419

Delta R.T. 0.00 min

Lab File: BM001771.D

Acq: 22 Jun 2015 12:45

Instrument :

BNA_M

ClientSampleId :

C-2

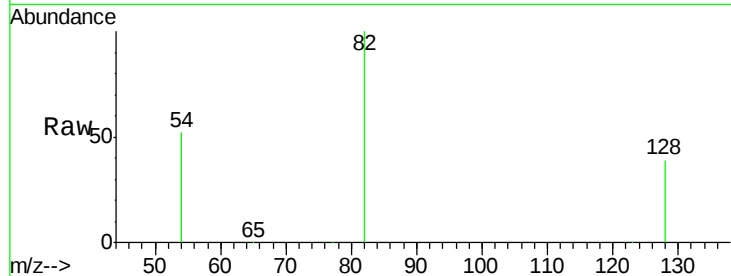
Tgt Ion: 82 Resp: 313808

Ion Ratio Lower Upper

82 100

128 38.9 31.3 46.9

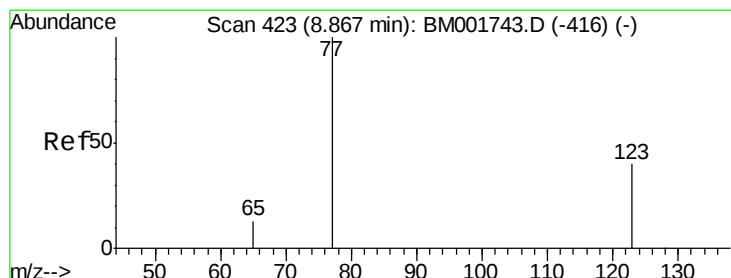
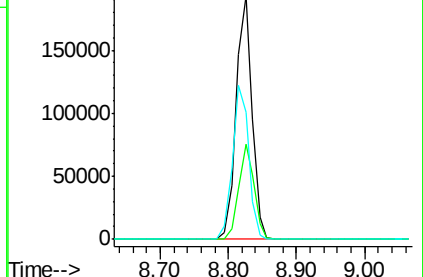
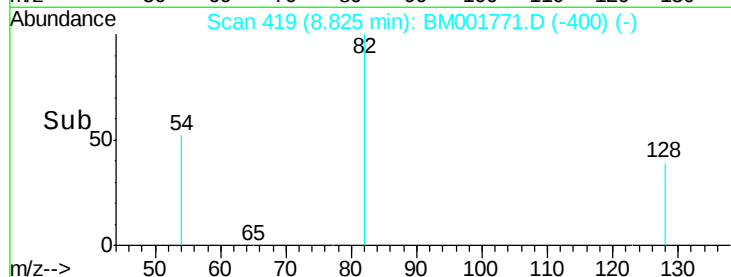
54 52.2 41.9 62.9



Abundance Ion 82.00 (81.70 to 82.70): BM001771.D (-400) (-)

Ion 128.00 (127.70 to 128.70): BM001771.D (-400) (-)

Ion 54.00 (53.70 to 54.70): BM001771.D (-400) (-)



#8

Nitrobenzene

Concen: 0.21 ng

RT: 8.83 min Scan# 419

Delta R.T. -0.04 min

Lab File: BM001771.D

Acq: 22 Jun 2015 12:45

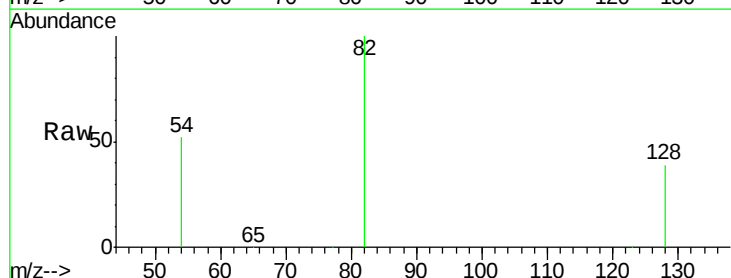
Tgt Ion: 77 Resp: 1129

Ion Ratio Lower Upper

77 100

123 0.0 30.1 45.1#

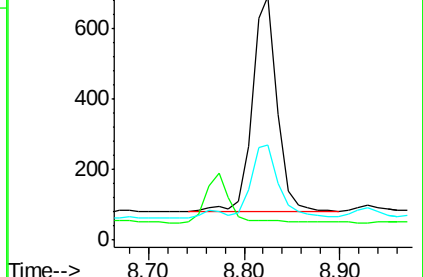
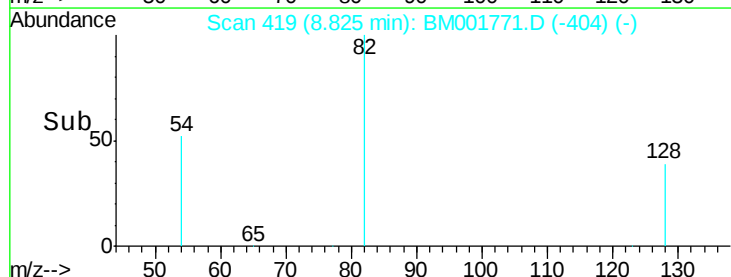
65 36.3 11.3 16.9#

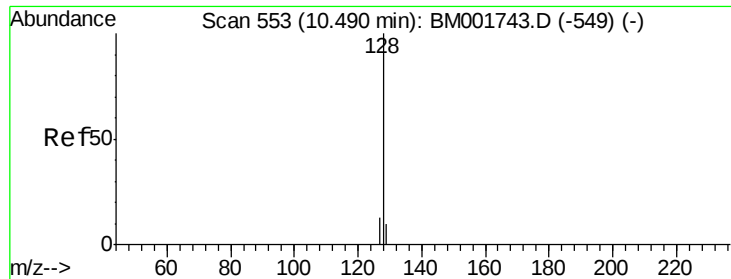


Abundance Ion 77.00 (76.70 to 77.70): BM001771.D (-404) (-)

Ion 123.00 (122.70 to 123.70): BM001771.D (-404) (-)

Ion 65.00 (64.70 to 65.70): BM001771.D (-404) (-)





#9

Naphthalene

Concen: 0.02 ng

RT: 10.49 min Scan# 553

Delta R.T. 0.00 min

Lab File: BM001771.D

Acq: 22 Jun 2015 12:45

Instrument :

BNA_M

ClientSampleId :

C-2

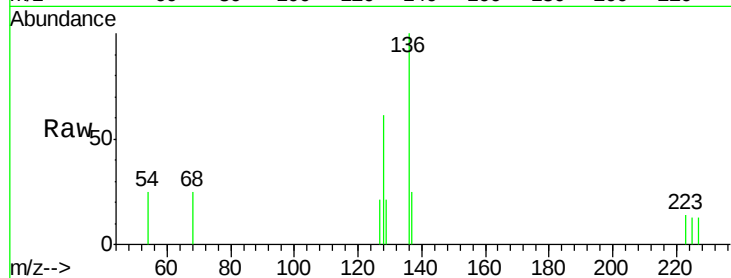
Tgt Ion:128 Resp: 346

Ion Ratio Lower Upper

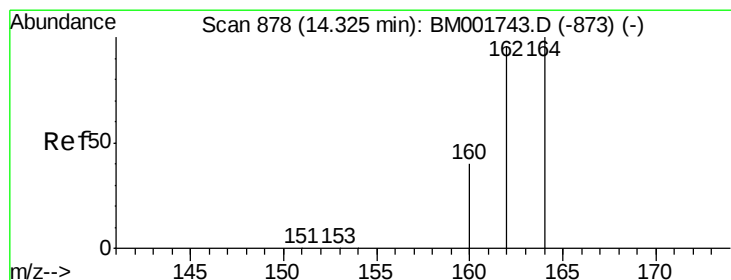
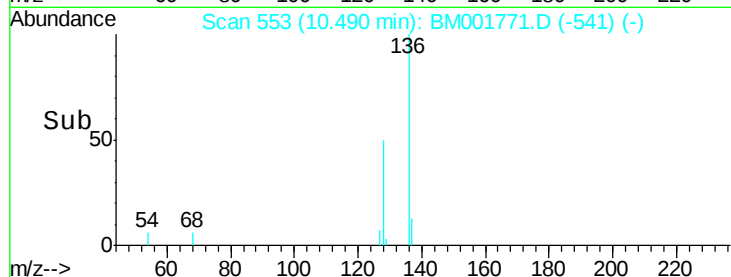
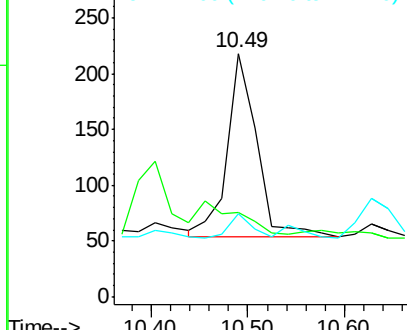
128 100

129 34.9 8.7 13.1#

127 33.9 11.2 16.8#



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.32 min Scan# 878

Delta R.T. 0.00 min

Lab File: BM001771.D

Acq: 22 Jun 2015 12:45

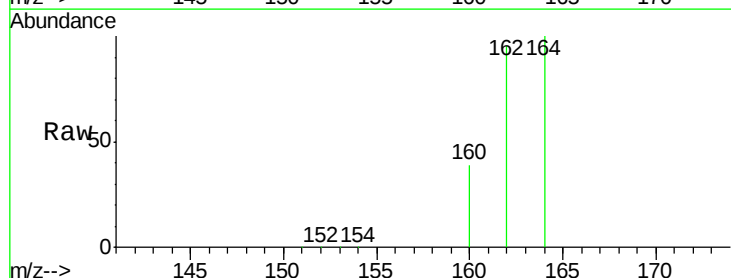
Tgt Ion:164 Resp: 120379

Ion Ratio Lower Upper

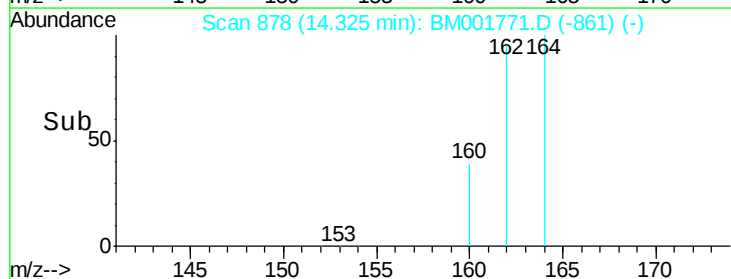
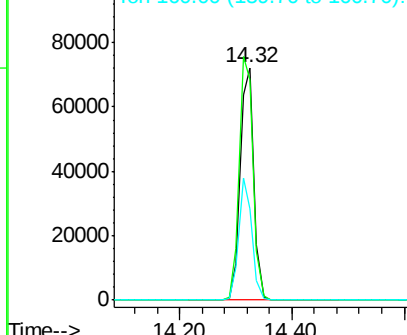
164 100

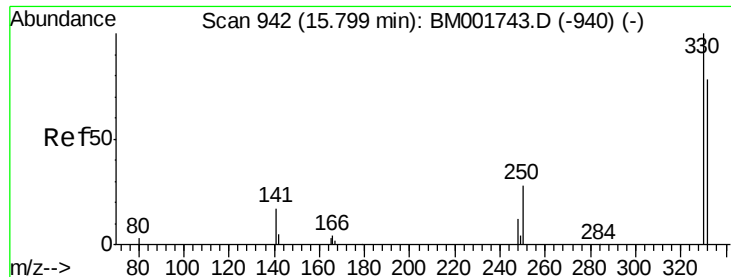
162 94.7 76.6 114.8

160 39.0 31.8 47.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

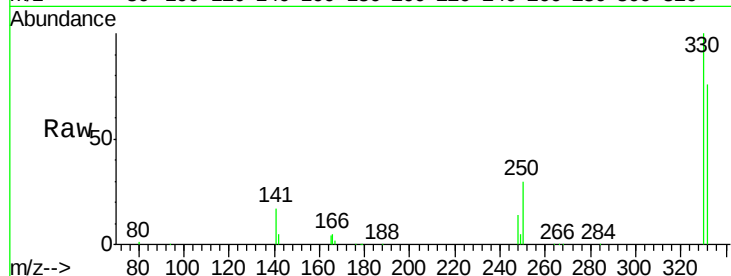




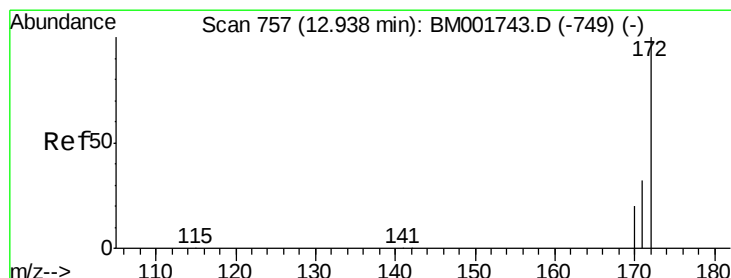
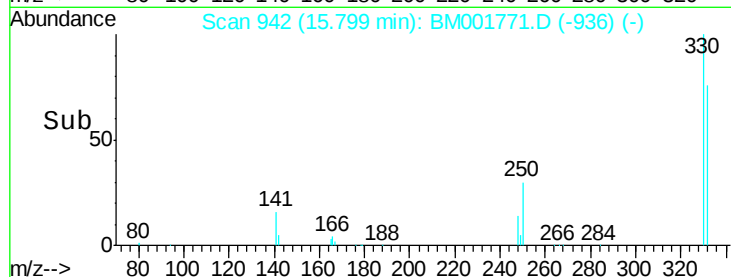
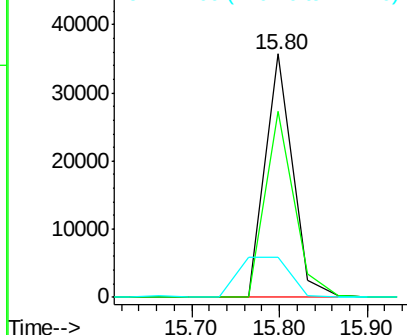
#13
 2,4,6-Tribromophenol
 Concen: 83.03 ng
 RT: 15.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001771.D
 Acq: 22 Jun 2015 12:45

Instrument :
 BNA_M
 ClientSampleId :
 C-2

Tgt Ion:330 Resp: 78030
 Ion Ratio Lower Upper
 330 100
 332 80.2 65.8 98.8
 141 31.0 0.0 0.0#

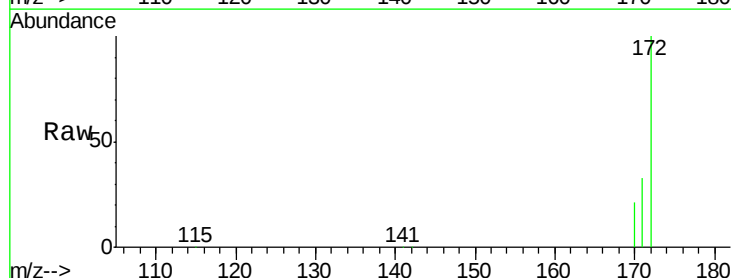


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

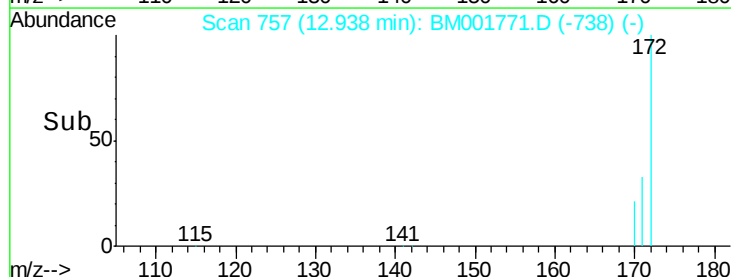
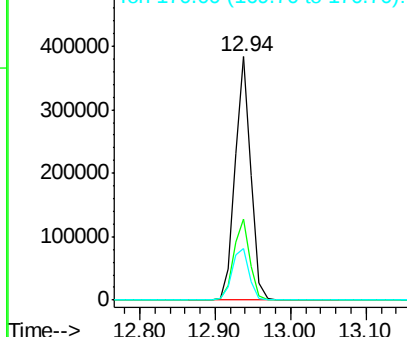


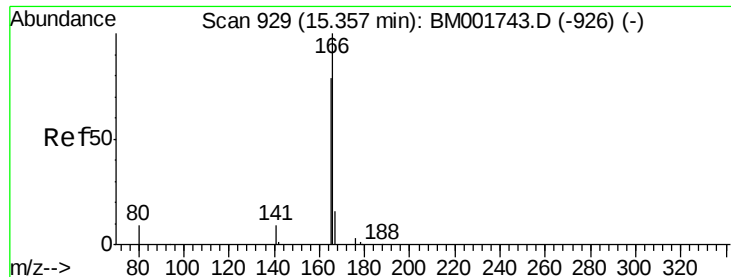
#14
 2-Fluorobiphenyl
 Concen: 51.85 ng
 RT: 12.94 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BM001771.D
 Acq: 22 Jun 2015 12:45

Tgt Ion:172 Resp: 557700
 Ion Ratio Lower Upper
 172 100
 171 33.3 26.2 39.2
 170 21.4 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

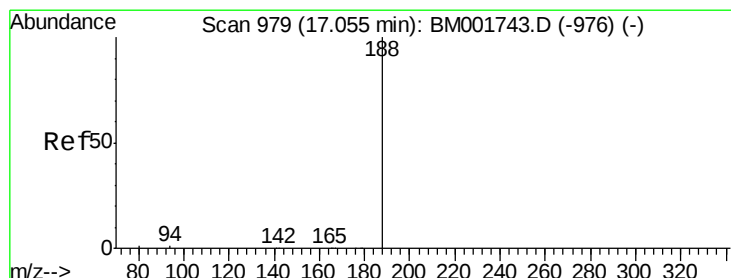
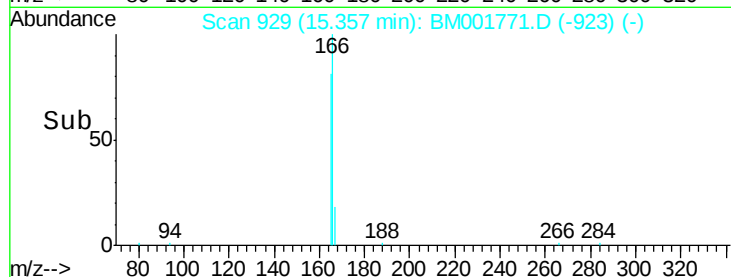
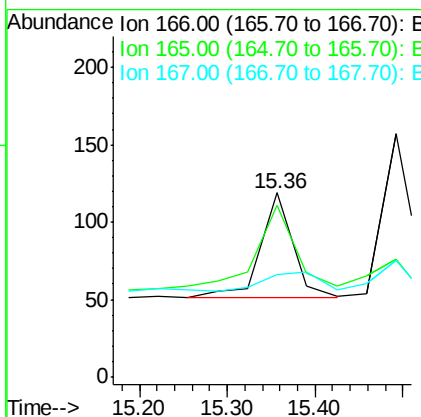
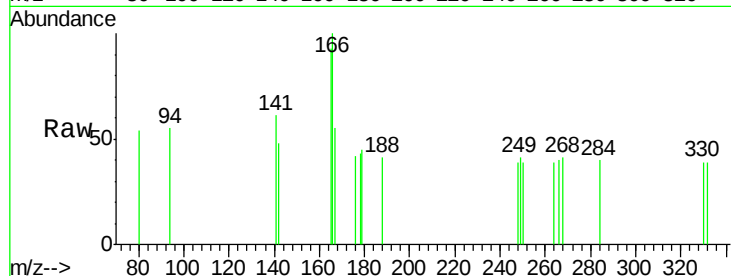




#17
Fluorene
 Concen: 0.02 ng
 RT: 15.36 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BM001771.D
 Acq: 22 Jun 2015 12:45

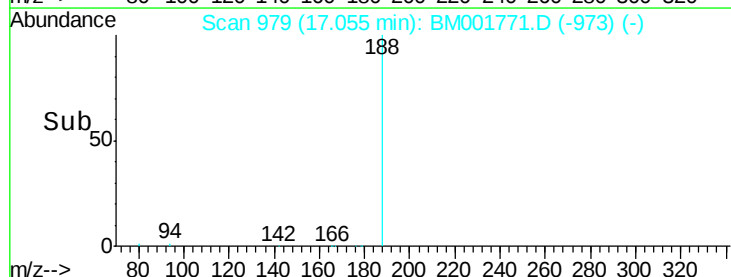
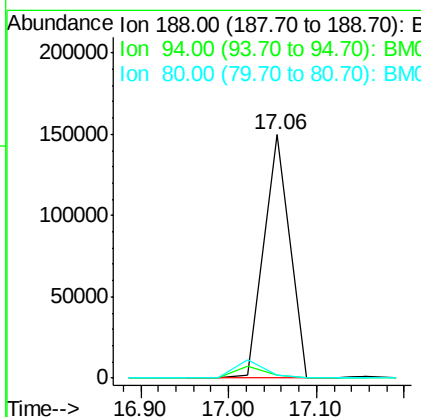
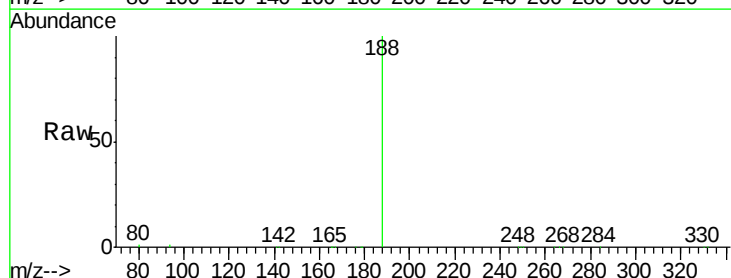
Instrument :
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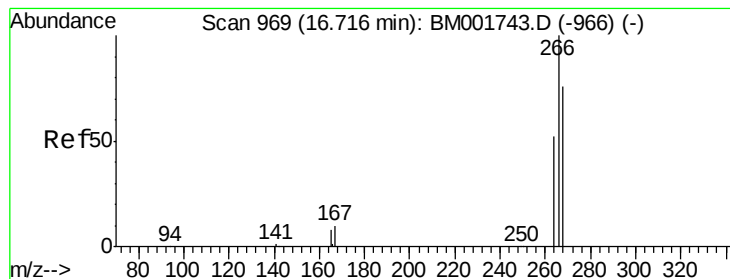
Tgt Ion:166 Resp: 177
 Ion Ratio Lower Upper
 166 100
 165 96.6 68.2 102.2
 167 0.0 12.2 18.2#



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.06 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BM001771.D
 Acq: 22 Jun 2015 12:45

Tgt Ion:188 Resp: 308551
 Ion Ratio Lower Upper
 188 100
 94 1.3 1.3 1.9
 80 1.0 1.0 1.6





#21

Pentachlorophenol

Concen: 0.11 ng

RT: 16.72 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001771.D

Acq: 22 Jun 2015 12:45

Instrument :

BNA_M

ClientSampleId :

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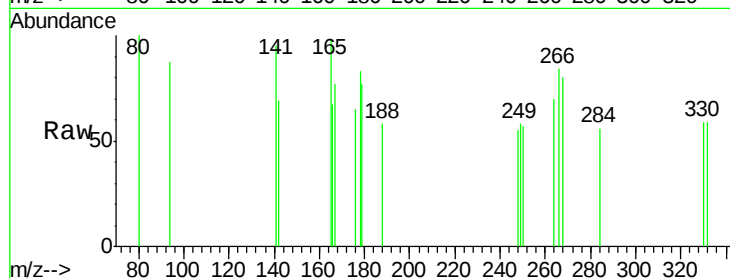
Tgt Ion:266 Resp: 102

Ion Ratio Lower Upper

266 100

268 95.8 63.2 94.8#

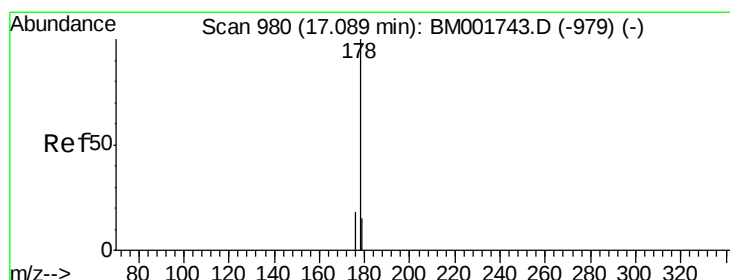
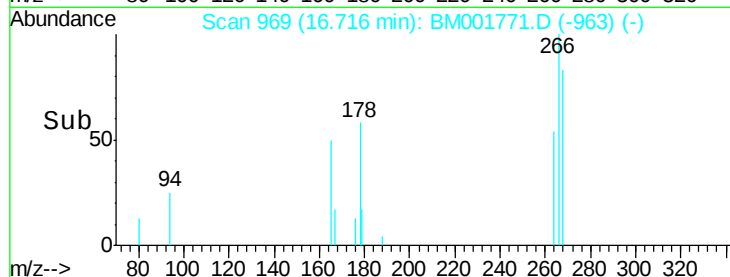
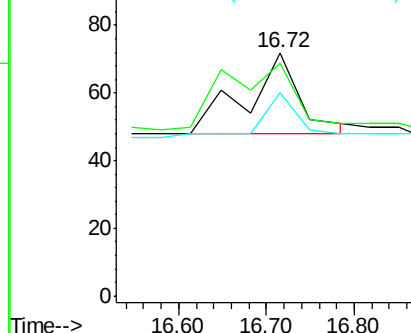
264 83.3 46.2 69.2#



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



#22

Phenanthrene

Concen: 0.05 ng

RT: 17.09 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001771.D

Acq: 22 Jun 2015 12:45

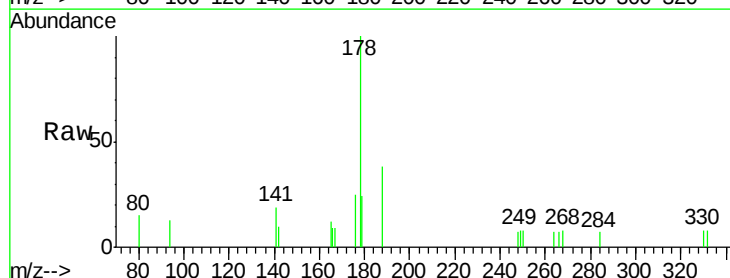
Tgt Ion:178 Resp: 1317

Ion Ratio Lower Upper

178 100

176 17.0 15.4 23.2

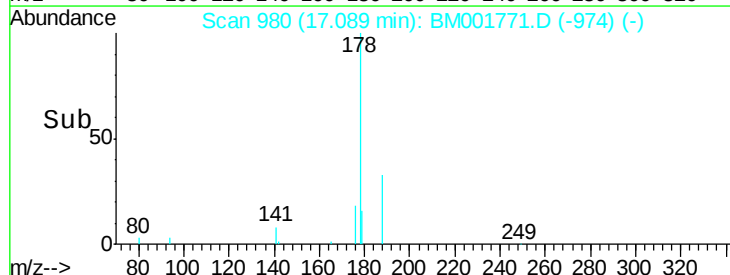
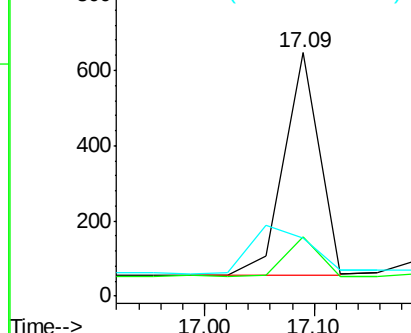
179 0.0 12.6 19.0#

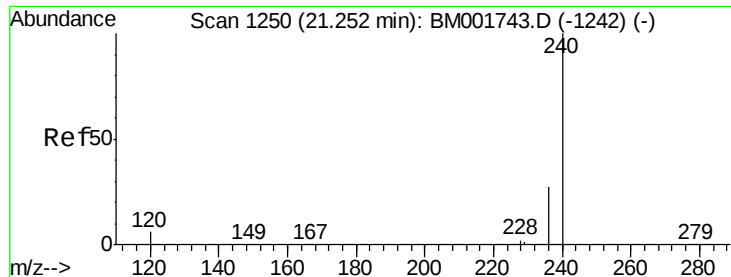


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.25 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BM001771.D

Acq: 22 Jun 2015 12:45

Instrument :

BNA_M

ClientSampleId :

C-2

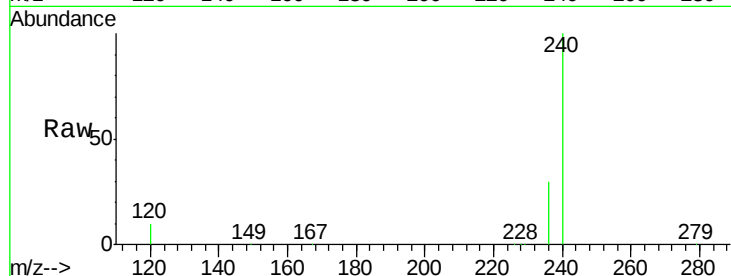
Tgt Ion:240 Resp: 198953

Ion Ratio Lower Upper

240 100

120 10.1 4.7 7.1#

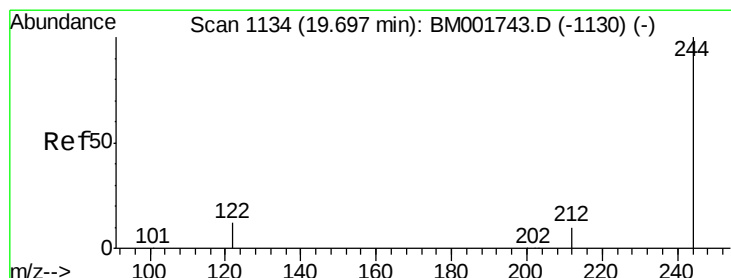
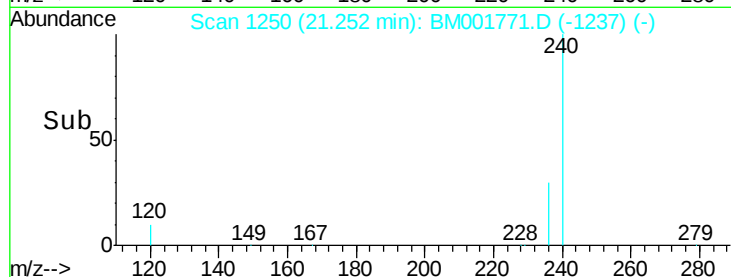
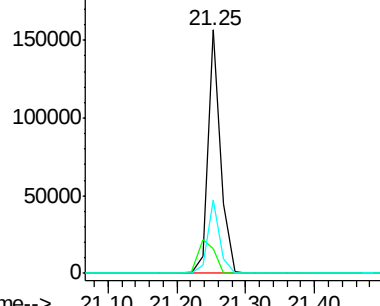
236 29.9 21.6 32.4



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



#27

Terphenyl-d14

Concen: 50.14 ng

RT: 19.70 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BM001771.D

Acq: 22 Jun 2015 12:45

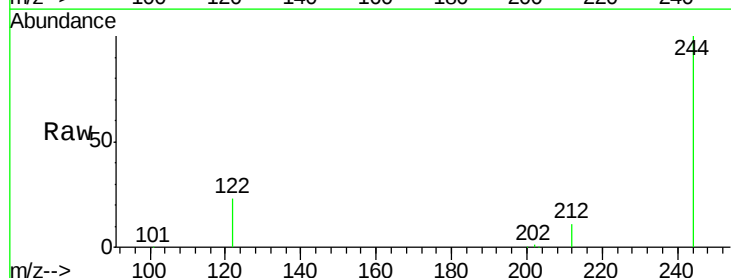
Tgt Ion:244 Resp: 367510

Ion Ratio Lower Upper

244 100

212 11.4 8.6 13.0

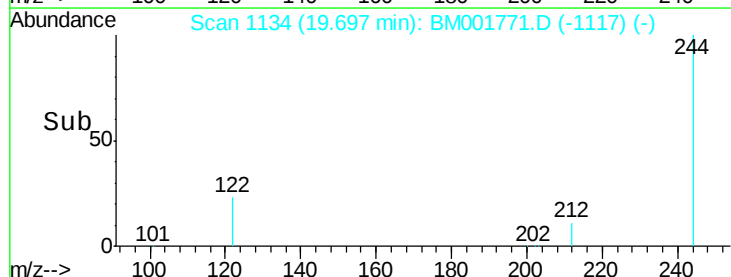
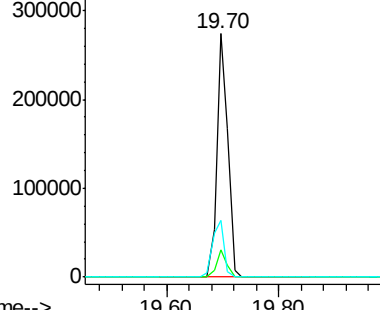
122 23.3 10.6 15.8#

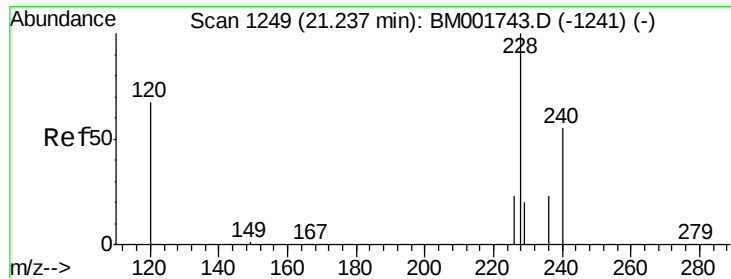


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Benzo(a)anthracene

Concen: 0.06 ng

RT: 21.25 min Scan# 1250

Delta R.T. 0.02 min

Lab File: BM001771.D

Acq: 22 Jun 2015 12:45

Instrument :

BNA_M

ClientSampleId :

C-2

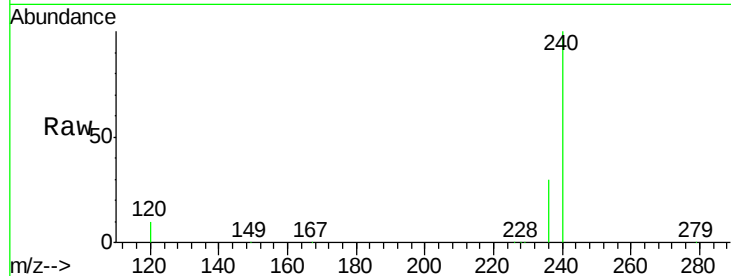
Tgt Ion:228 Resp: 913

Ion Ratio Lower Upper

228 100

226 16.1 18.9 28.3#

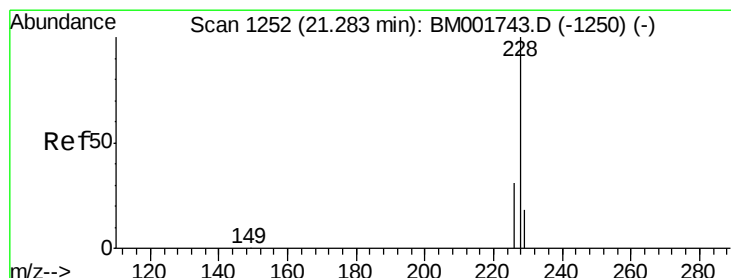
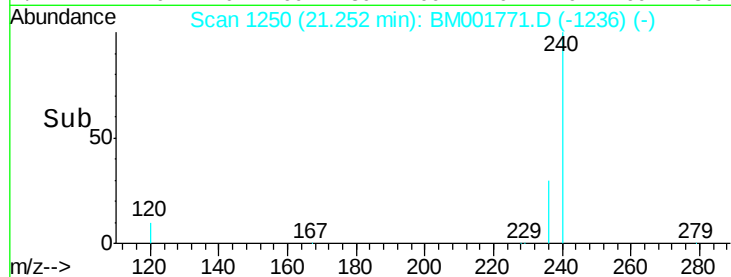
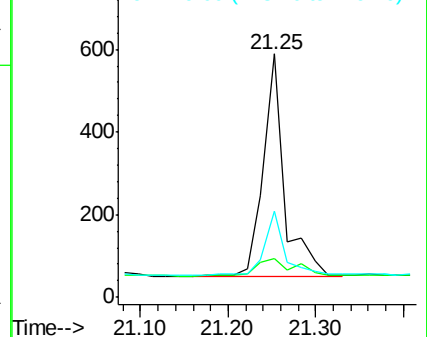
229 35.1 16.6 25.0#



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: 0.06 ng

RT: 21.25 min Scan# 1250

Delta R.T. -0.03 min

Lab File: BM001771.D

Acq: 22 Jun 2015 12:45

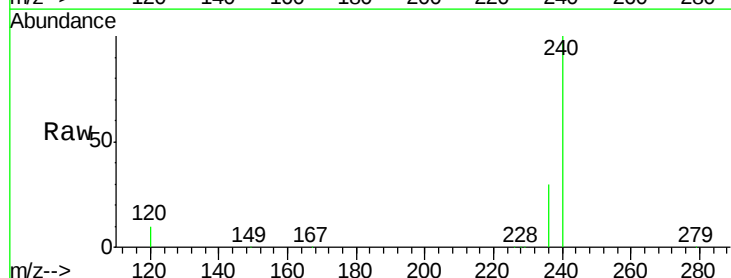
Tgt Ion:228 Resp: 913

Ion Ratio Lower Upper

228 100

226 16.1 24.3 36.5#

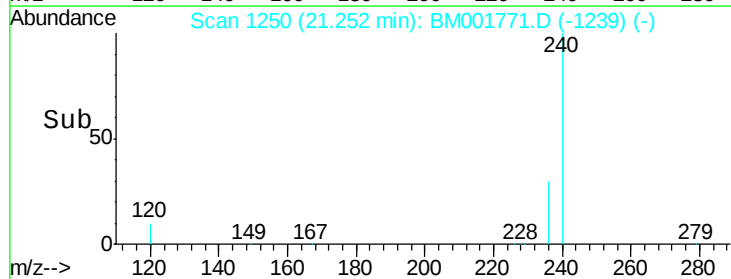
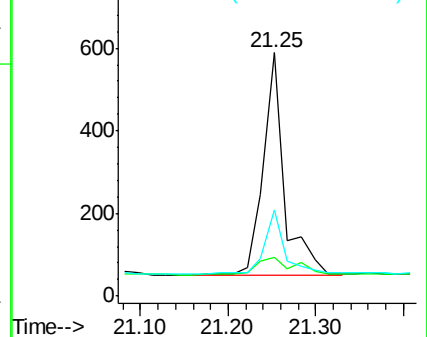
229 35.1 15.0 22.6#

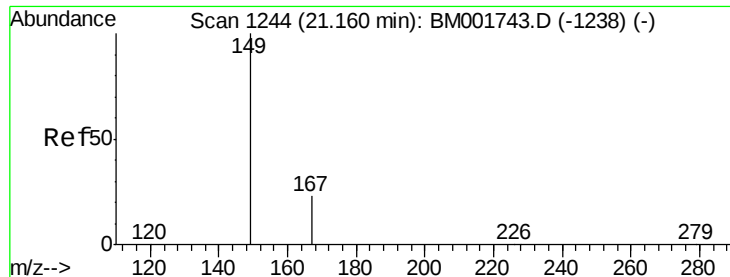


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.94 ng

RT: 21.16 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM001771.D

Acq: 22 Jun 2015 12:45

Instrument :

BNA_M

ClientSampleId :

C-2

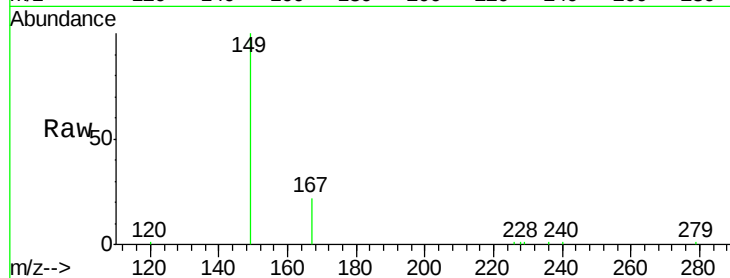
Tgt Ion:149 Resp: 8101

Ion Ratio Lower Upper

149 100

167 24.3 19.7 29.5

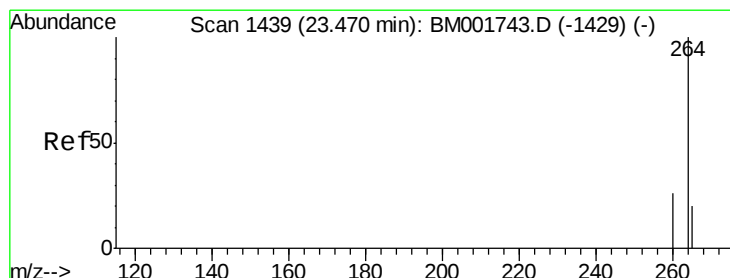
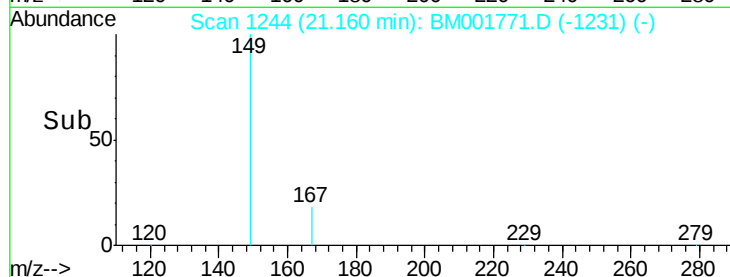
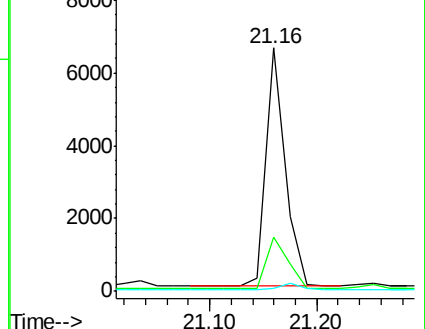
279 2.4 1.6 2.4



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.48 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BM001771.D

Acq: 22 Jun 2015 12:45

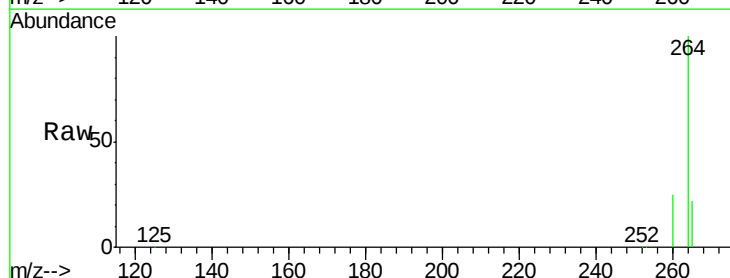
Tgt Ion:264 Resp: 178454

Ion Ratio Lower Upper

264 100

260 24.5 20.8 31.2

265 21.7 16.8 25.2



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

