

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
 Data File : BM003737.D
 Acq On : 23 Dec 2015 08:43
 Operator : UM/SJ
 Sample : G4869-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 23 10:35:46 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

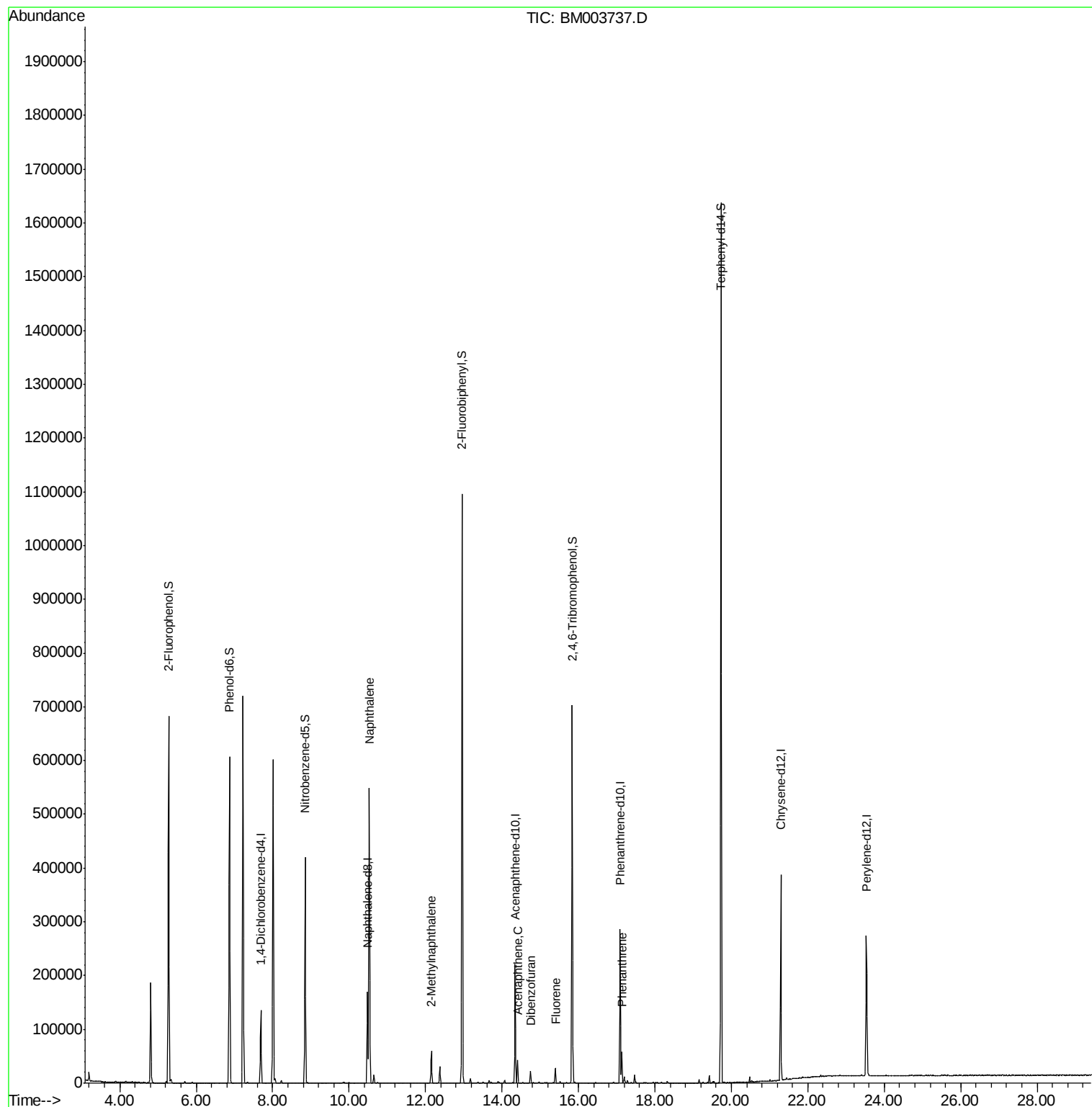
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	37552	20.00	ng	-0.03
21) Naphthalene-d8	10.48	136	146248	20.00	ng	-0.04
38) Acenaphthene-d10	14.34	164	74799	20.00	ng	-0.03
63) Phenanthrene-d10	17.09	188	161486	20.00	ng	-0.03
75) Chrysene-d12	21.29	240	175792	20.00	ng	-0.03
86) Perylene-d12	23.53	264	182034	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	310073	146.80	ng	-0.02
7) Phenol-d6	6.87	99	362676	123.66	ng	-0.02
23) Nitrobenzene-d5	8.85	82	250579	106.23	ng	-0.03
41) 2,4,6-Tribromophenol	15.84	330	113315	151.69	ng	-0.03
44) 2-Fluorobiphenyl	12.96	172	562942	102.54	ng	-0.04
78) Terphenyl-d14	19.73	244	688637	92.38	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	10.53	128	465977	60.89	ng	100
37) 2-Methylnaphthalene	12.15	142	31148	5.93	ng	96
51) Acenaphthene	14.41	154	17430	3.70	ng	100
54) Dibenzofuran	14.74	168	16381	2.41	ng	94
57) Fluorene	15.39	166	14197	2.52	ng	95
70) Phenanthrene	17.13	178	36389	4.02	ng	99

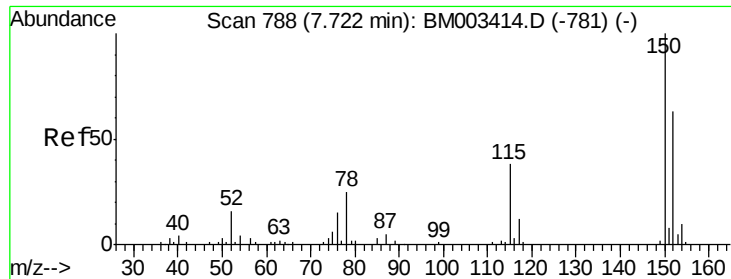
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003737.D
Acq On : 23 Dec 2015 08:43
Operator : UM/SJ
Sample : G4869-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 23 10:35:46 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration



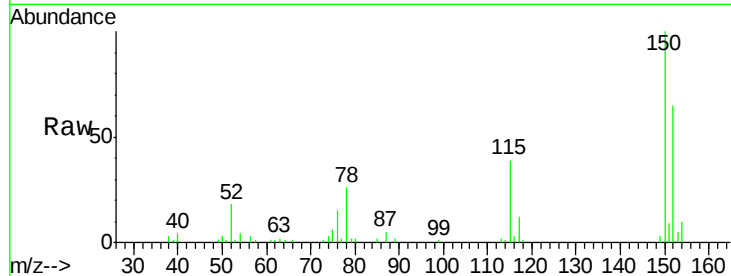


#1

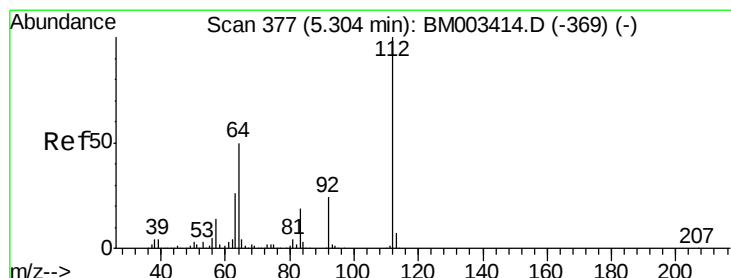
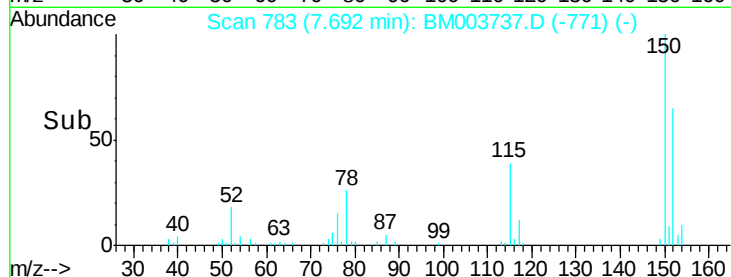
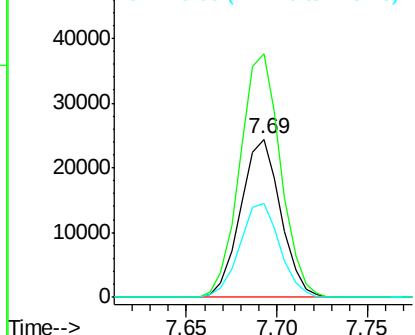
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.03 min
Lab File: BM003737.D
Acq: 23 Dec 2015 08:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 37552
Ion Ratio Lower Upper
152 100
150 153.8 119.5 179.3
115 59.7 43.0 64.4



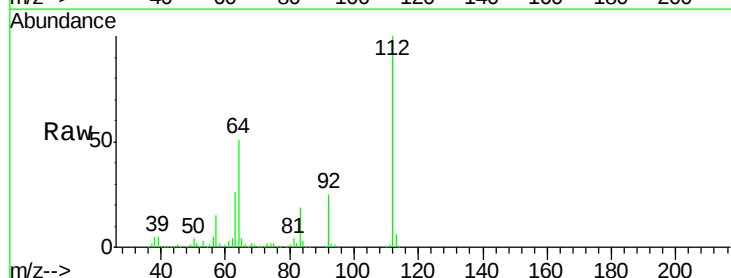
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



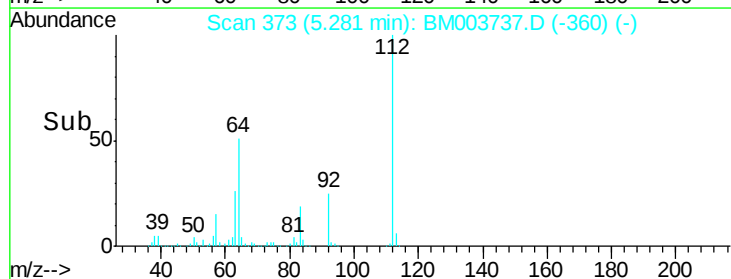
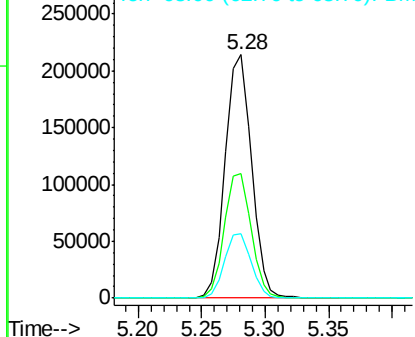
#5

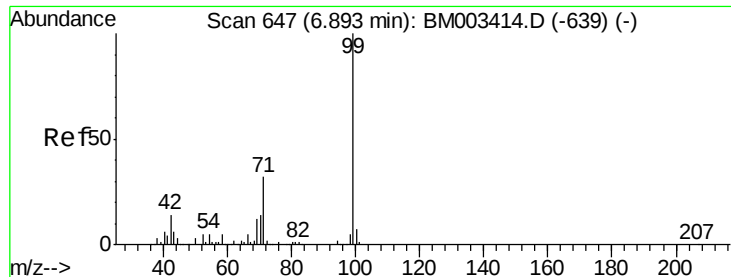
2-Fluorophenol
Concen: 146.80 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM003737.D
Acq: 23 Dec 2015 08:43

Tgt Ion:112 Resp: 310073
Ion Ratio Lower Upper
112 100
64 51.4 38.6 57.8
63 26.4 19.3 28.9



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





#7

Phenol-d6

Concen: 123.66 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM003737.D

Acq: 23 Dec 2015 08:43

Instrument :

BNA_M

ClientSampleId :

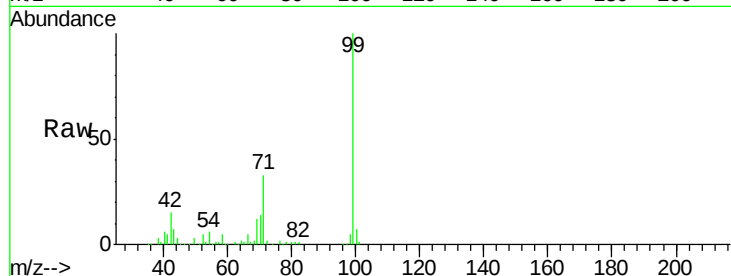
Tot Ion: 99 Resp: 362676

Ion Ratio Lower Upper

99 100

42 14.5 11.0 16.4

71 33.4 23.4 35.2

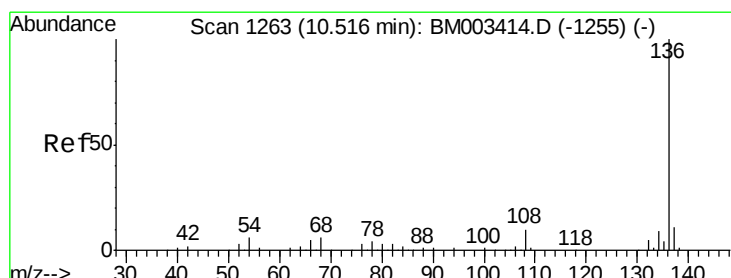
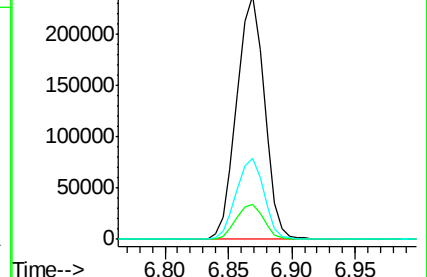
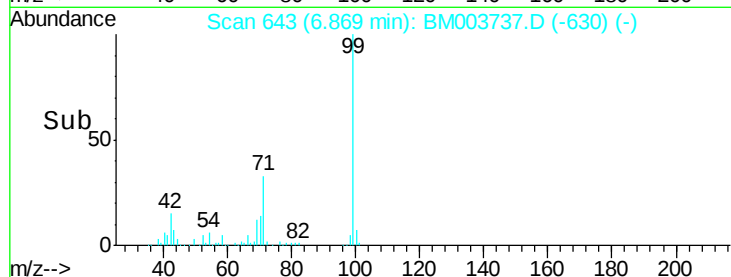


Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)

6.87



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BM003737.D

Acq: 23 Dec 2015 08:43

Tgt Ion: 136 Resp: 146248

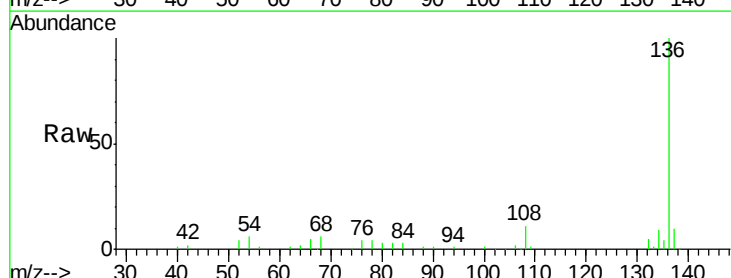
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 6.3 4.6 6.8

68 6.1 3.7 5.5#



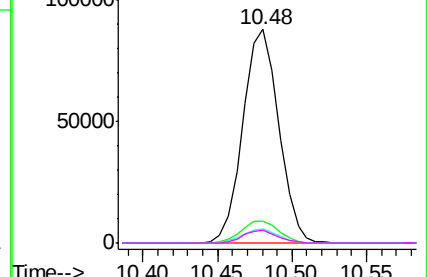
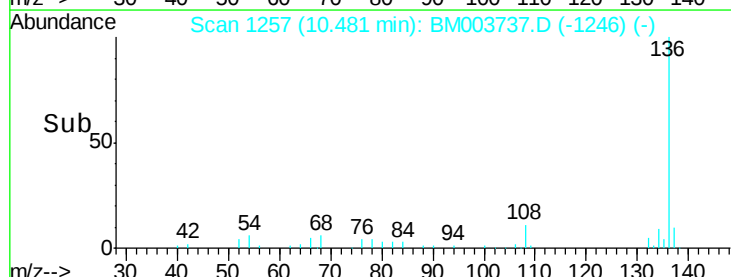
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

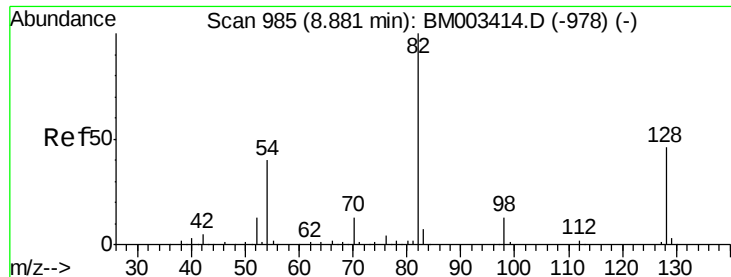
Ion 137.00 (136.70 to 137.70): BM003414.D (-1255) (-)

Ion 54.00 (53.70 to 54.70): BM003414.D (-1255) (-)

Ion 68.00 (67.70 to 68.70): BM003414.D (-1255) (-)

10.48

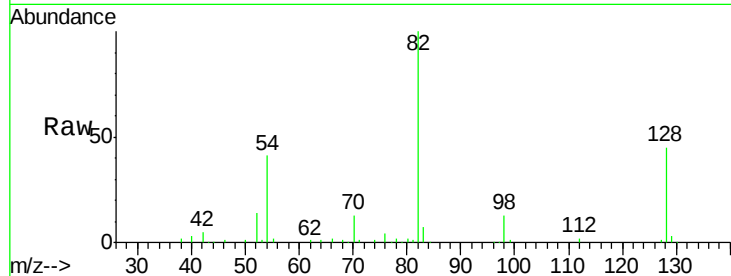




#23
 Nitrobenzene-d5
 Concen: 106.23 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BM003737.D
 Acq: 23 Dec 2015 08:43

Instrument :
 BNA_M
 ClientSampleId :

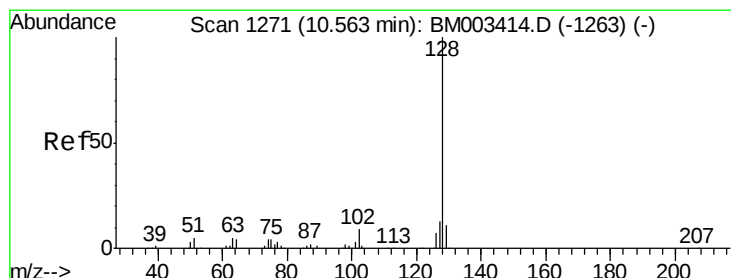
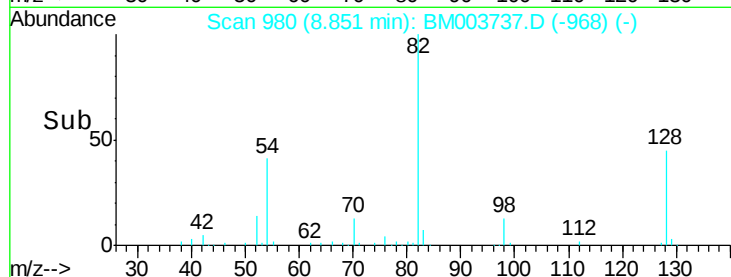
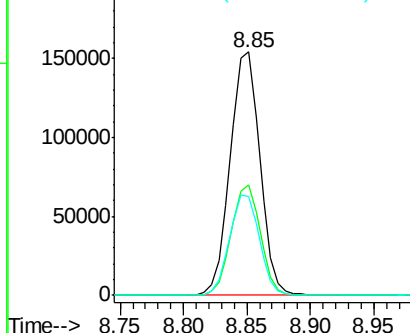
Tot Ion	82	Resp	250579
Ion Ratio	100	Lower	Upper
128	45.3	32.8	49.2
54	40.8	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM003737.D (-968) (-)

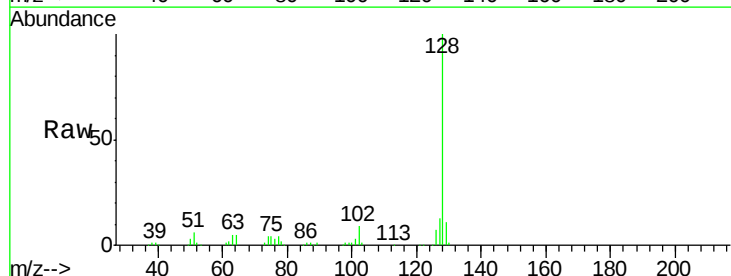
Ion 128.00 (127.70 to 128.70): BM003737.D (-968) (-)

Ion 54.00 (53.70 to 54.70): BM003737.D (-968) (-)



#31
 Naphthalene
 Concen: 60.89 ng
 RT: 10.53 min Scan# 1265
 Delta R.T. -0.04 min
 Lab File: BM003737.D
 Acq: 23 Dec 2015 08:43

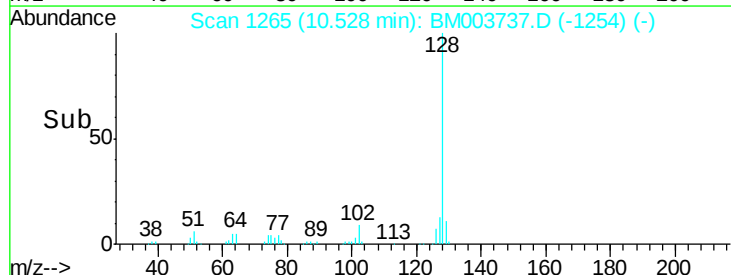
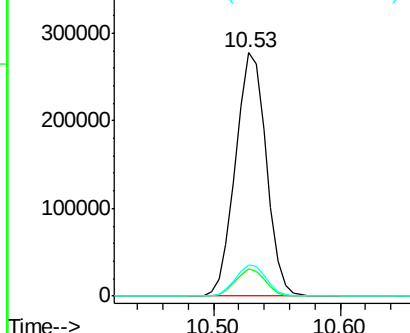
Tgt Ion	128	Resp	465977
Ion Ratio	100	Lower	Upper
129	11.0	8.9	13.3
127	13.0	10.4	15.6

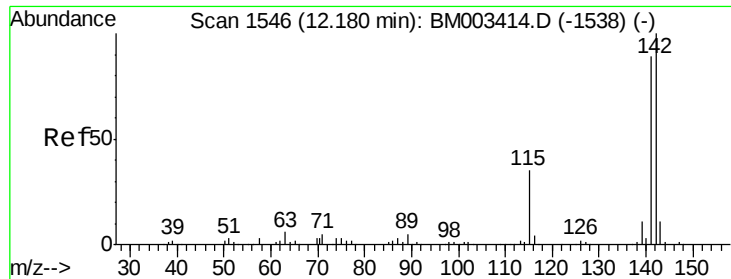


Abundance Ion 128.00 (127.70 to 128.70): BM003737.D (-1254) (-)

Ion 129.00 (128.70 to 129.70): BM003737.D (-1254) (-)

Ion 127.00 (126.70 to 127.70): BM003737.D (-1254) (-)

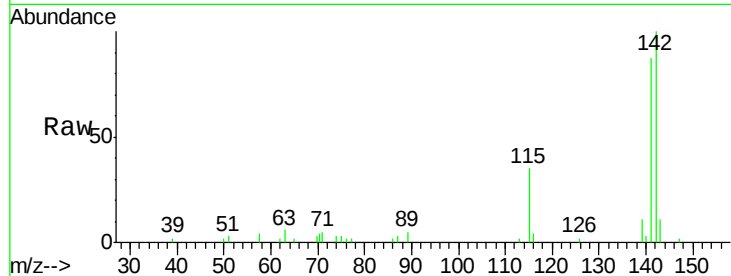




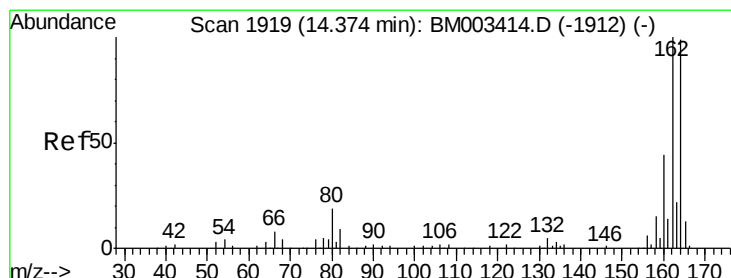
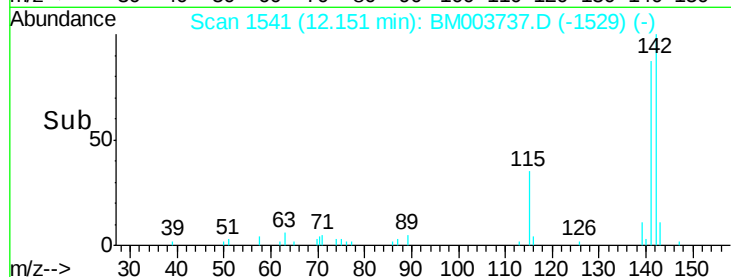
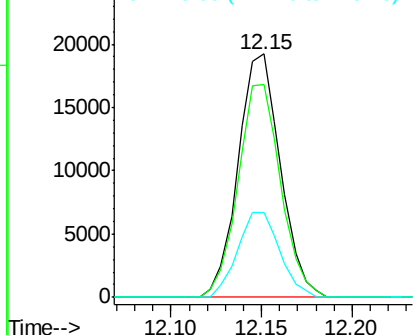
#37
2-Methylnaphthalene
Concen: 5.93 ng
RT: 12.15 min Scan# 1541
Delta R.T. -0.03 min
Lab File: BM003737.D
Acq: 23 Dec 2015 08:43

Instrument :
BNA_M
ClientSampled :

Tot Ion:142 Resp: 31148
Ion Ratio Lower Upper
142 100
141 87.4 71.9 107.9
115 35.1 25.4 38.0

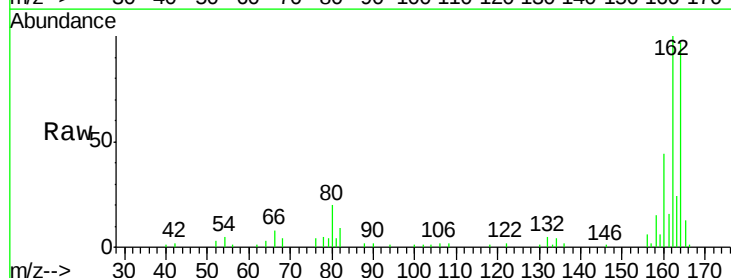


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

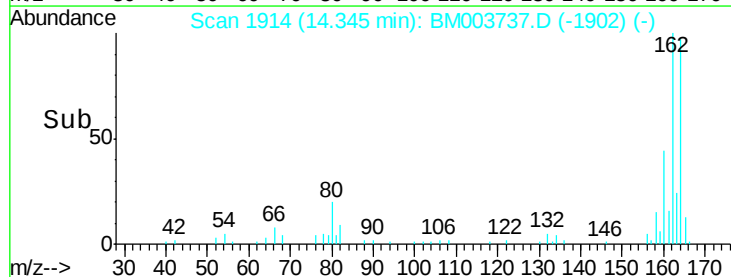
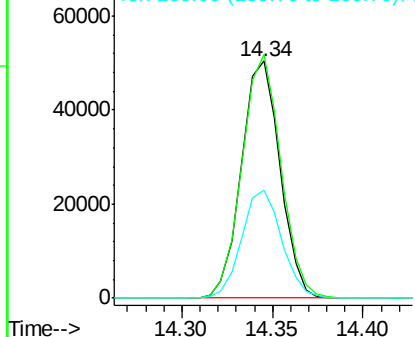


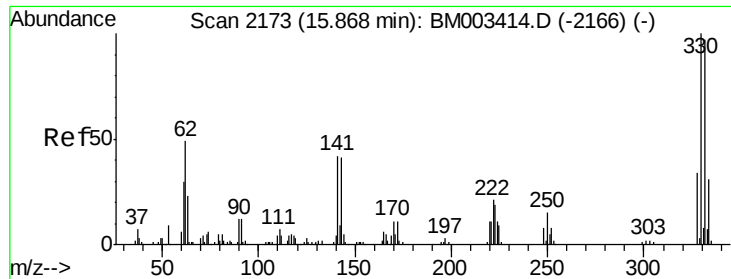
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1914
Delta R.T. -0.03 min
Lab File: BM003737.D
Acq: 23 Dec 2015 08:43

Tgt Ion:164 Resp: 74799
Ion Ratio Lower Upper
164 100
162 102.8 82.4 123.6
160 45.7 35.8 53.6



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

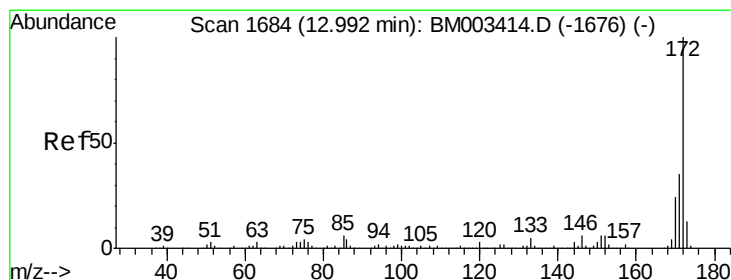
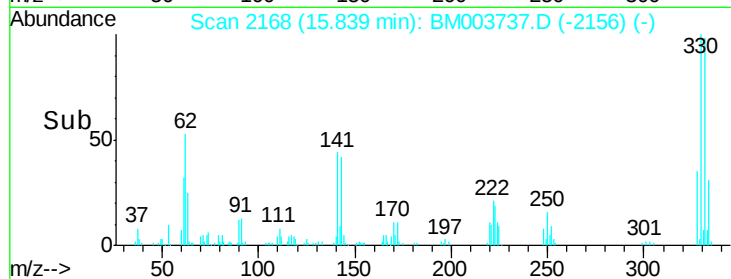
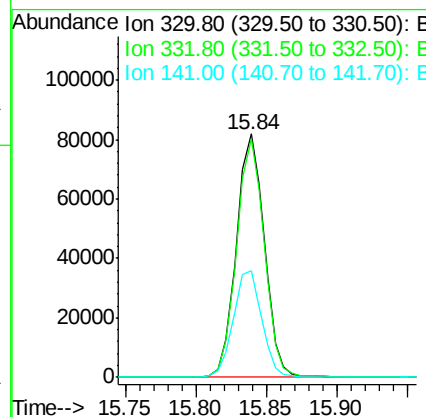
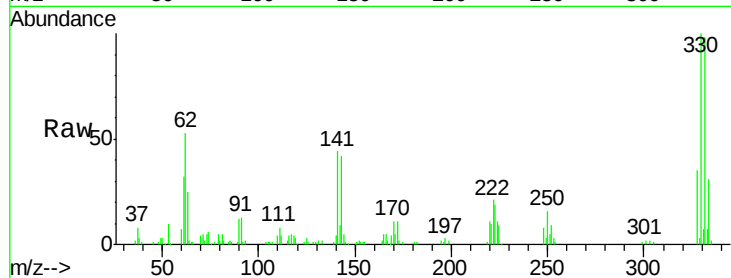




#41
 2,4,6-Tribromophenol
 Concen: 151.69 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.03 min
 Lab File: BM003737.D
 Acq: 23 Dec 2015 08:43

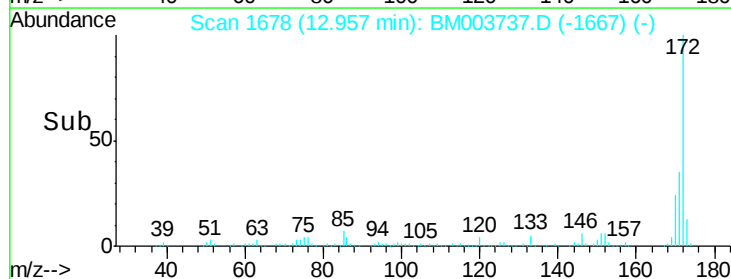
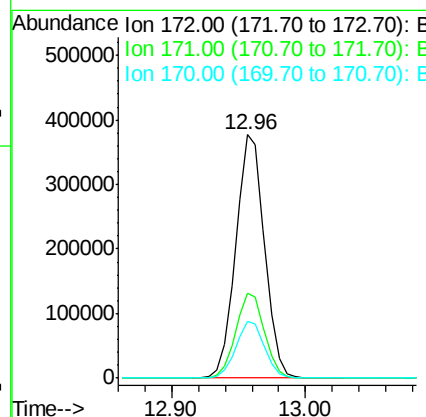
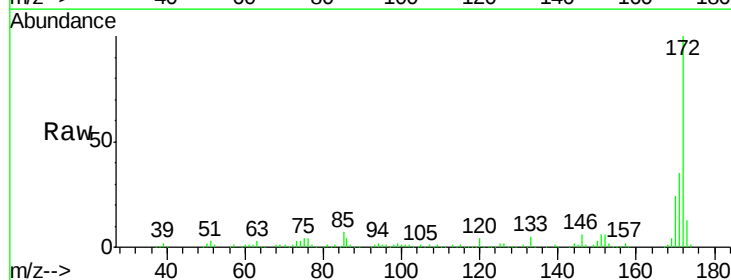
Instrument :
 BNA_M
 ClientSampleId :

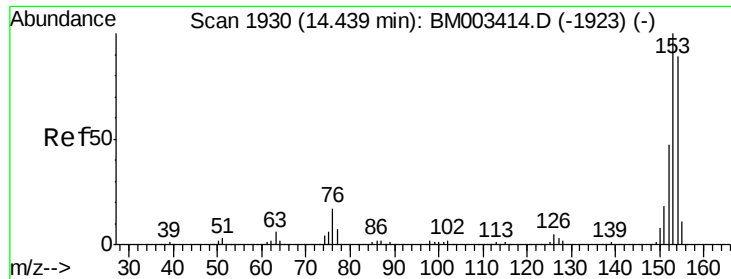
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	44.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 102.54 ng
 RT: 12.96 min Scan# 1678
 Delta R.T. -0.04 min
 Lab File: BM003737.D
 Acq: 23 Dec 2015 08:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.6	18.8	28.2





#51

Acenaphthene

Concen: 3.70 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BM003737.D

Acq: 23 Dec 2015 08:43

Instrument :

BNA_M

ClientSampleId :

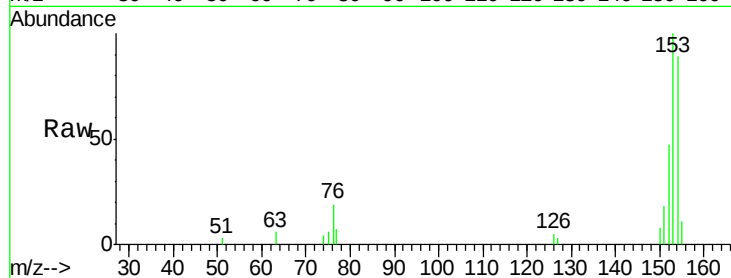
Tot Ion:154 Resp: 17430

Ion Ratio Lower Upper

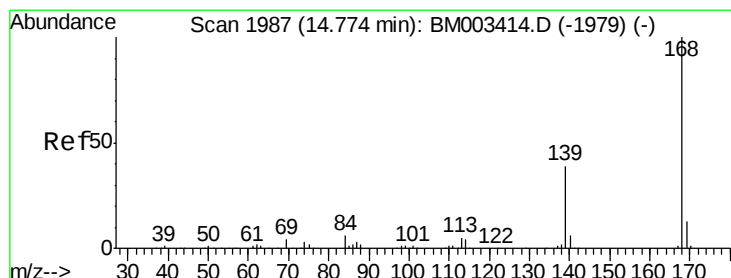
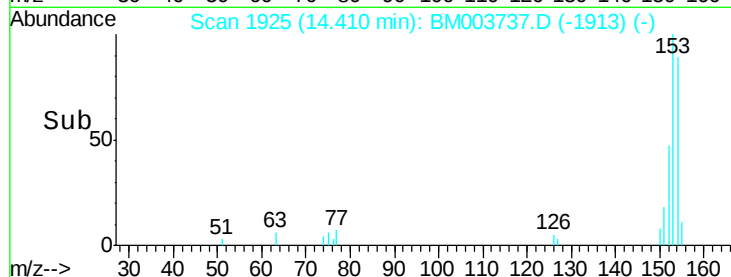
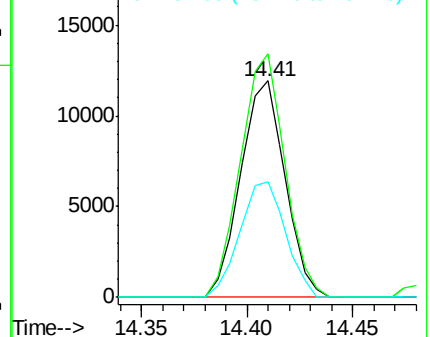
154 100

153 112.4 90.0 135.0

152 53.2 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.41 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.03 min

Lab File: BM003737.D

Acq: 23 Dec 2015 08:43

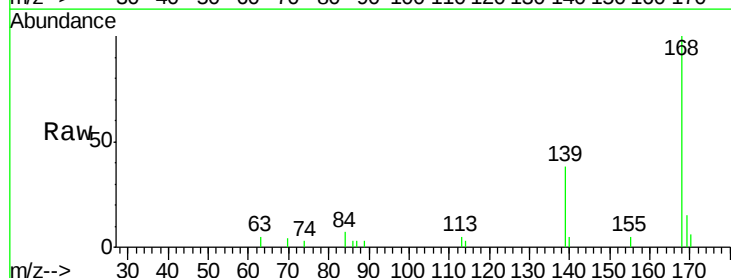
Tgt Ion:168 Resp: 16381

Ion Ratio Lower Upper

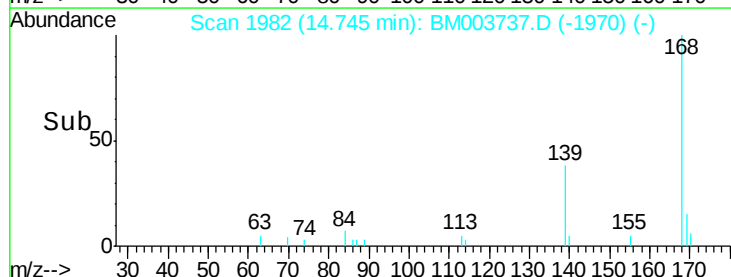
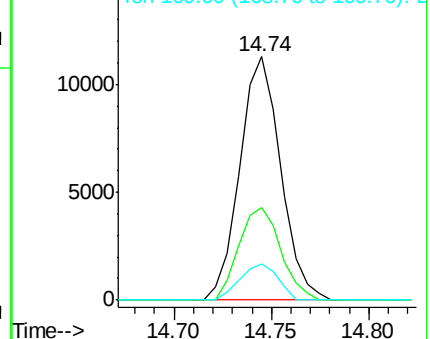
168 100

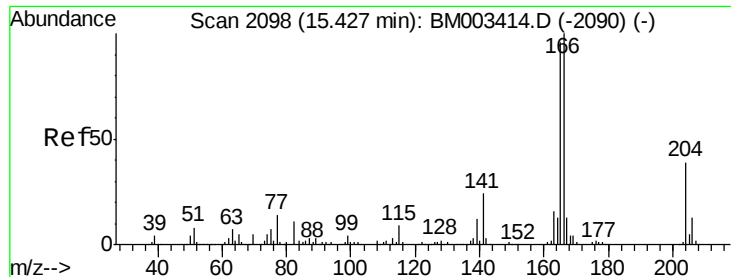
139 38.2 27.3 40.9

169 15.0 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 2.52 ng

RT: 15.39 min Scan# 2092

Delta R.T. -0.04 min

Lab File: BM003737.D

Acq: 23 Dec 2015 08:43

Instrument :

BNA_M

ClientSampleId :

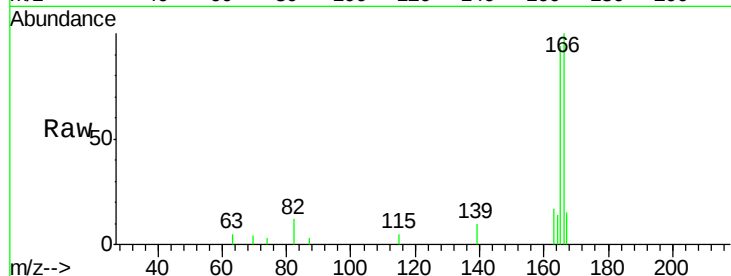
Tot Ion:166 Resp: 14197

Ion Ratio Lower Upper

166 100

165 93.6 79.0 118.4

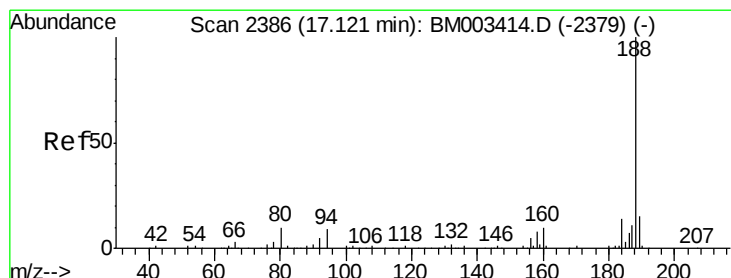
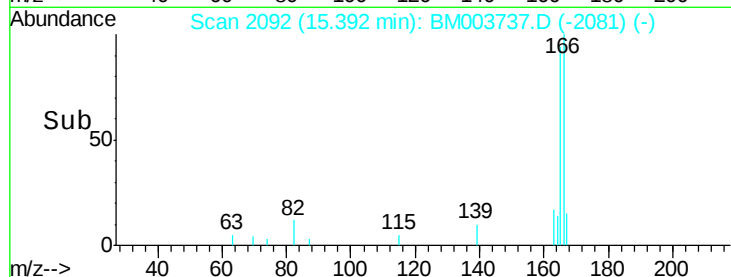
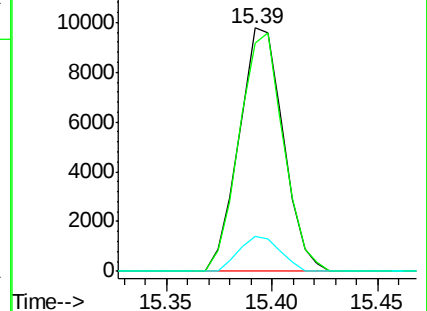
167 14.6 10.3 15.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.09 min Scan# 2381

Delta R.T. -0.03 min

Lab File: BM003737.D

Acq: 23 Dec 2015 08:43

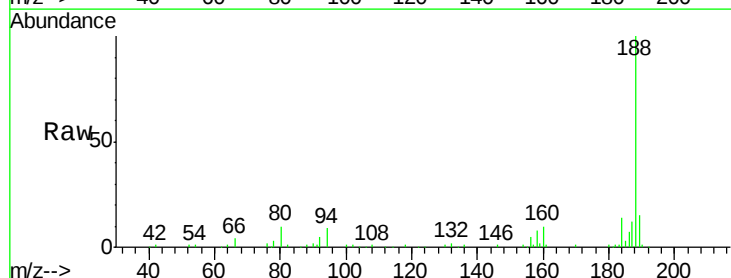
Tgt Ion:188 Resp: 161486

Ion Ratio Lower Upper

188 100

94 9.2 8.7 13.1

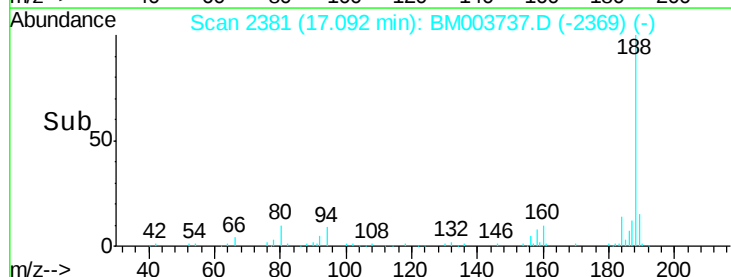
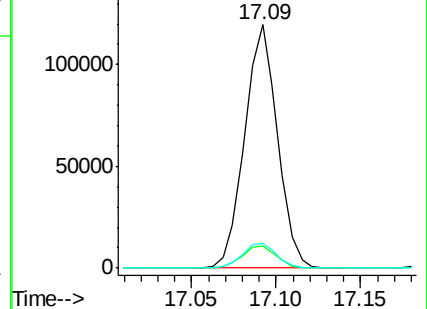
80 10.2 9.3 13.9

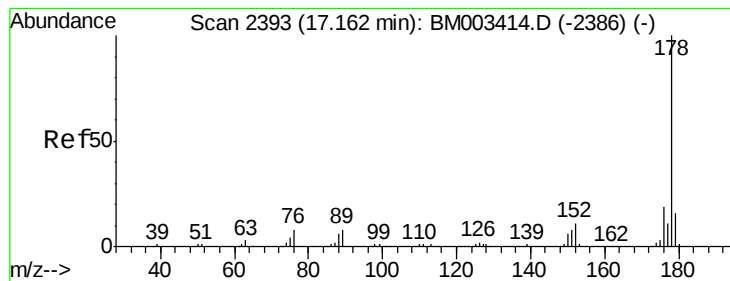


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#70

Phenanthrene

Concen: 4.02 ng

RT: 17.13 min Scan# 2388

Delta R.T. -0.03 min

Lab File: BM003737.D

Acq: 23 Dec 2015 08:43

Instrument :

BNA_M

ClientSampleId :

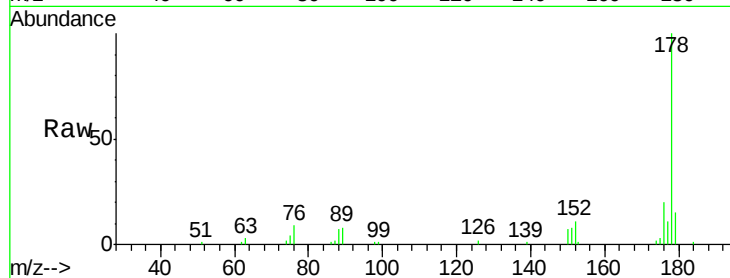
Tot Ion:178 Resp: 36389

Ion Ratio Lower Upper

178 100

176 19.7 15.2 22.8

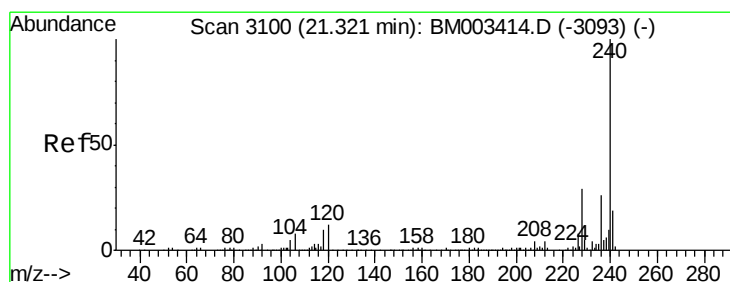
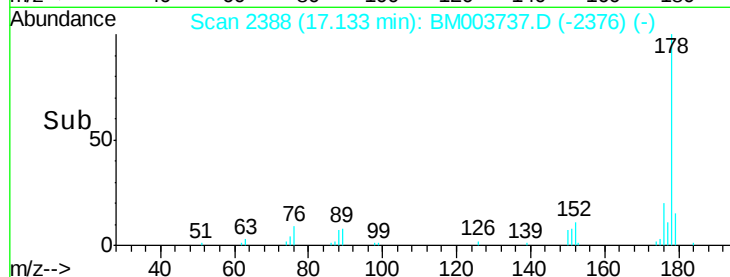
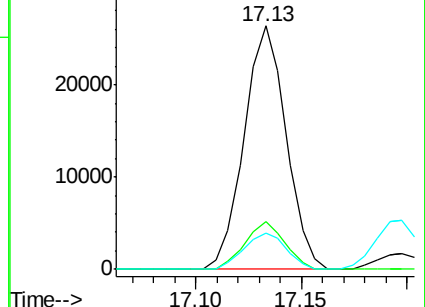
179 15.1 12.1 18.1



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.03 min

Lab File: BM003737.D

Acq: 23 Dec 2015 08:43

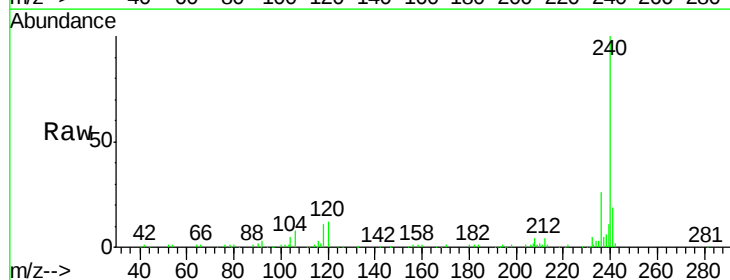
Tgt Ion:240 Resp: 175792

Ion Ratio Lower Upper

240 100

120 11.7 8.2 12.2

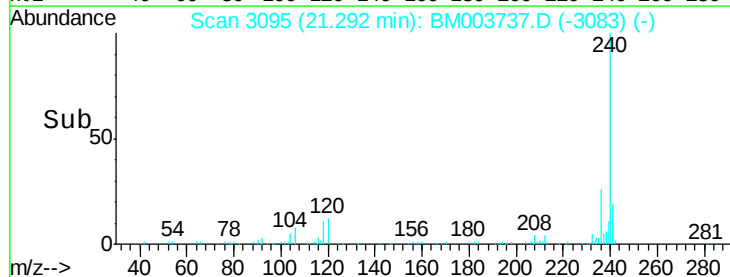
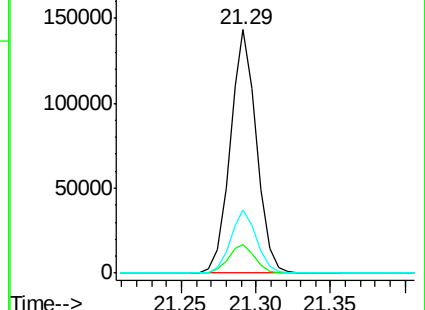
236 26.0 20.0 30.0

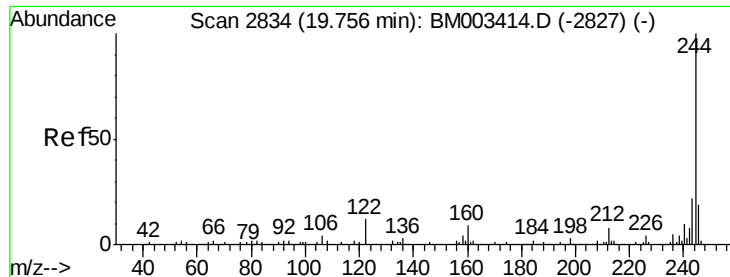


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.38 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.03 min

Lab File: BM003737.D

Acq: 23 Dec 2015 08:43

Instrument :

BNA_M

ClientSampleId :

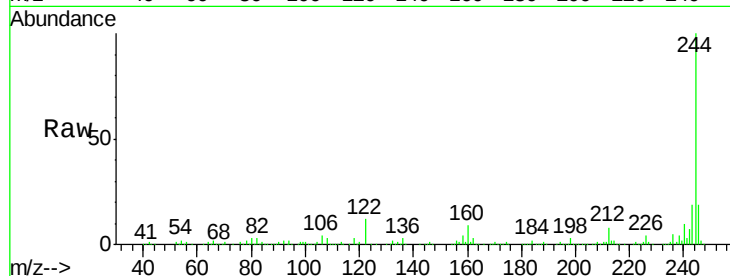
Tot Ion:244 Resp: 688637

Ion Ratio Lower Upper

244 100

212 8.0 4.9 7.3#

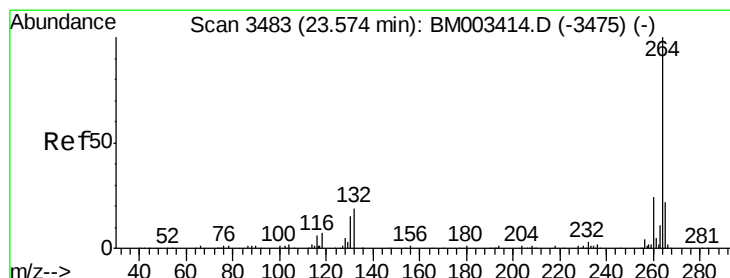
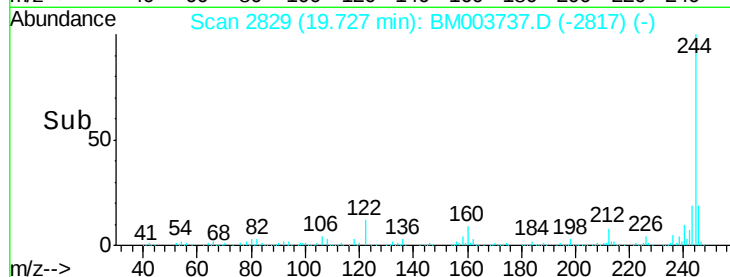
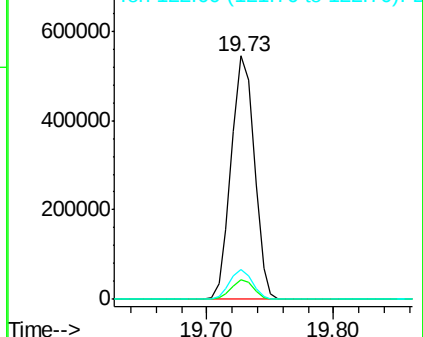
122 12.2 6.2 9.4#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.53 min Scan# 3476

Delta R.T. -0.04 min

Lab File: BM003737.D

Acq: 23 Dec 2015 08:43

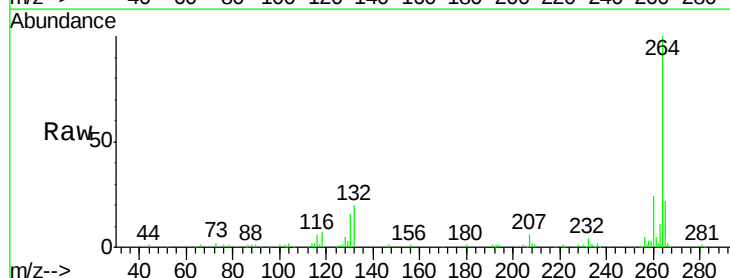
Tgt Ion:264 Resp: 182034

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 22.1 17.3 25.9



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

