

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041015\
 Data File : BM000941.D
 Acq On : 10 Apr 2015 16:14
 Operator : TP/IZ
 Sample : PB82531BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB82531BS

Quant Time: Apr 10 23:20:19 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM040915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 23:03:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	29379	5.00	ng	0.00
8) Naphthalene-d8	10.38	136	110362	5.00	ng	0.00
17) Acenaphthene-d10	14.25	164	48565	5.00	ng	-0.01
24) Phenanthrene-d10	16.99	188	110397	5.00	ng	-0.01
30) Chrysene-d12	21.20	240	102451	5.00	ng	0.00
38) Perylene-d12	23.39	264	91160	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	68444	11.01	ng	0.00
5) Phenol-d6	6.78	99	88176	11.85	ng	0.00
9) Nitrobenzene-d5	8.76	82	49589	9.31	ng	0.00
18) 2,4,6-Tribromophenol	15.75	330	33123	16.32	ng	-0.01
19) 2-Fluorobiphenyl	12.88	172	143293	10.53	ng	0.00
33) Terphenyl-d14	19.66	244	116956	9.38	ng	0.01

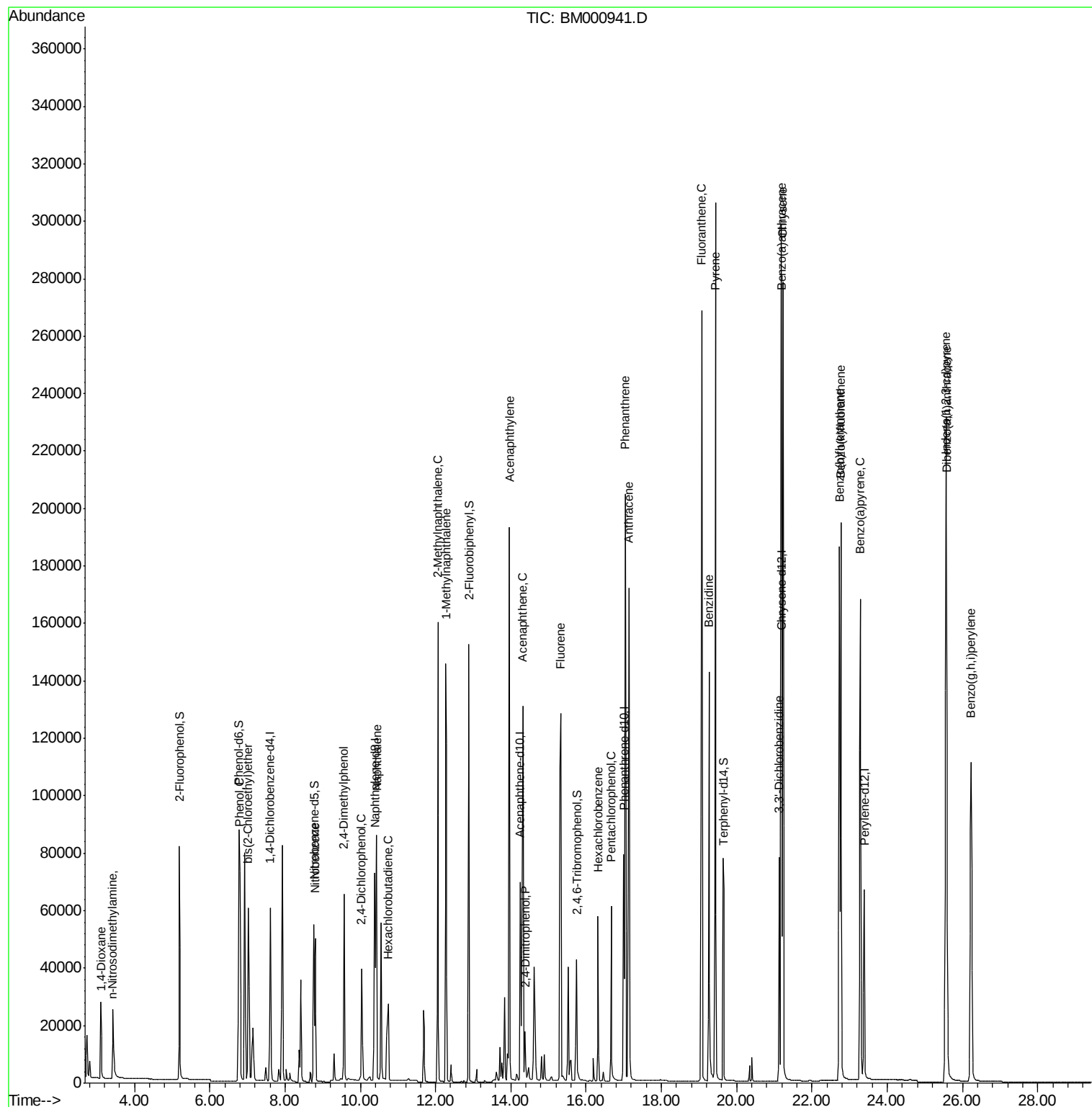
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	18130	7.32	ng	90
3) n-Nitrosodimethylamine	3.41	42	22629	7.93	ng	# 53
6) Phenol	6.80	94	58491	7.64	ng	# 45
7) bis(2-Chloroethyl)ether	7.02	93	52707	7.86	ng	# 1
10) Nitrobenzene	8.80	77	55302	7.07	ng	94
11) 2,4-Dimethylphenol	9.56	122	45705	7.52	ng	93
12) 2,4-Dichlorophenol	10.03	162	42535	7.93	ng	85
13) Naphthalene	10.44	128	160514	7.21	ng	99
14) Hexachlorobutadiene	10.74	225	28729	7.06	ng	98
15) 2-Methylnaphthalene	12.06	142	114216	7.51	ng	98
16) 1-Methylnaphthalene	12.28	142	104366	6.81	ng	87
20) Acenaphthylene	13.96	152	230317	11.44	ng	99
21) Acenaphthene	14.32	154	118998	8.88	ng	98
22) 2,4-Dinitrophenol	14.37	184	15381	11.00	ng	# 28
23) Fluorene	15.32	166	130123	8.34	ng	99
25) Hexachlorobenzene	16.32	284	51770	8.67	ng	95
26) Pentachlorophenol	16.67	266	43825	18.37	ng	97
27) Phenanthrene	17.04	178	239976	8.41	ng	99
28) Anthracene	17.14	178	229942	8.80	ng	99
29) Fluoranthene	19.07	202	267864	8.98	ng	99
31) Benzidine	19.26	184	184162	13.08	ng	95
32) Pyrene	19.43	202	284648	8.55	ng	99
34) Benzo(a)anthracene	21.18	228	262080	8.87	ng	98
35) 3,3'-Dichlorobenzidine	21.12	252	80276	6.97	ng	96
36) Chrysene	21.23	228	234378	7.75	ng	97
37) Indeno(1,2,3-cd)pyrene	25.56	276	250832	8.13	ng	100
39) Benzo(b)fluoranthene	22.73	252	255867	8.97	ng	96
40) Benzo(k)fluoranthene	22.77	252	221619	8.07	ng	96
41) Benzo(a)pyrene	23.28	252	225948	8.99	ng	97
42) Dibenzo(a,h)anthracene	25.58	278	201311	8.64	ng	98
43) Benzo(g,h,i)perylene	26.22	276	215768	8.39	ng	97

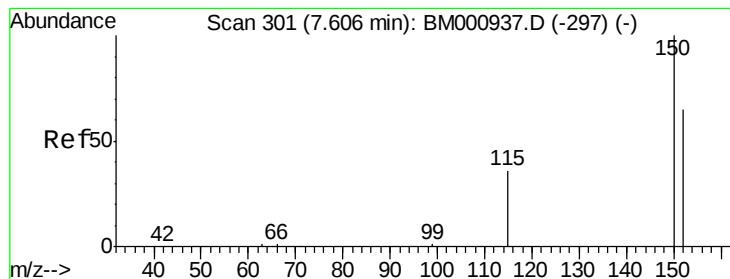
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041015\
Data File : BM000941.D
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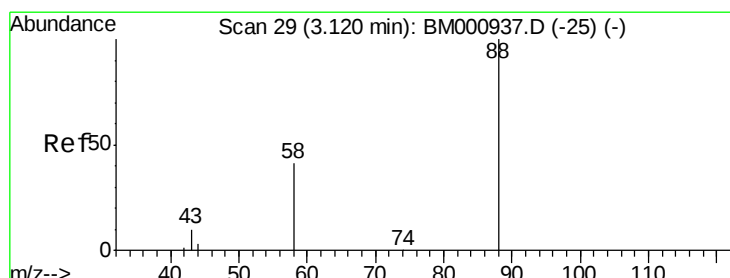
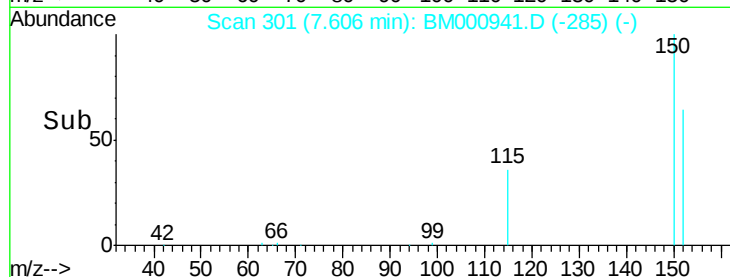
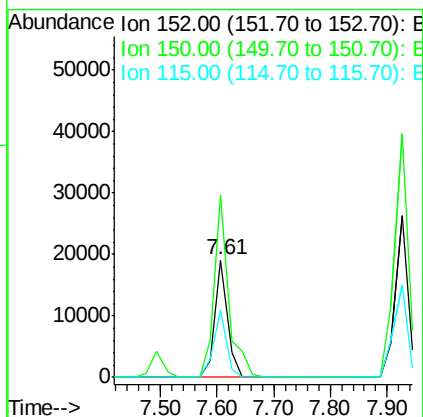
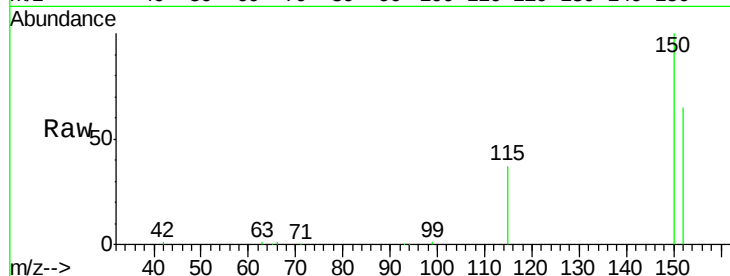


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 301
Delta R.T. 0.00 min
Lab File: BM000941.D
Acq: 10 Apr 2015 16:14

Instrument :
BNA_M
ClientSampleId :
PB82531BS

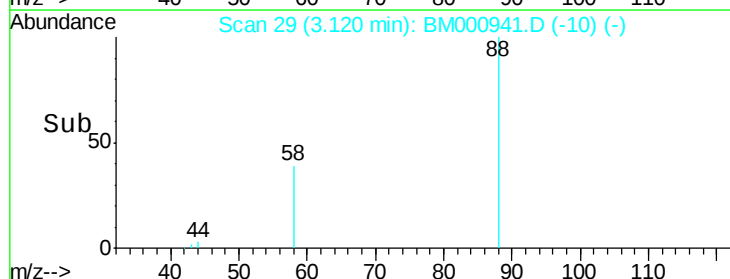
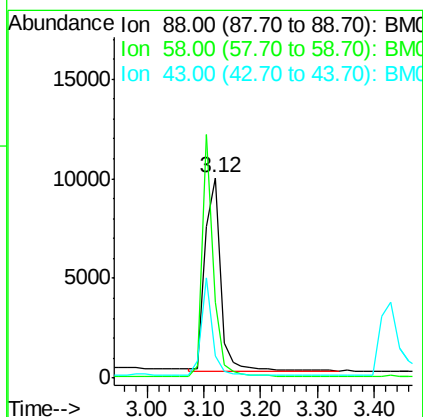
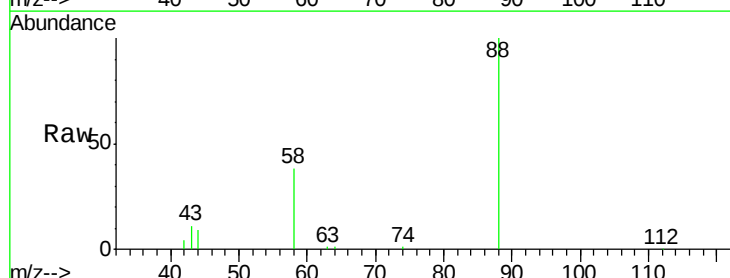
Tgt Ion:152 Resp: 29379
Ion Ratio Lower Upper
152 100
150 155.0 125.4 188.2
115 56.8 45.9 68.9

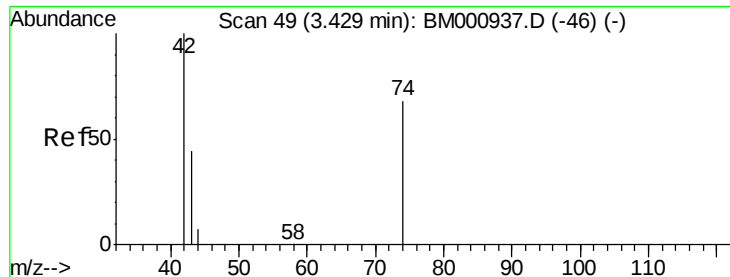


#2

1,4-Dioxane
Concen: 7.32 ng
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000941.D
Acq: 10 Apr 2015 16:14

Tgt Ion: 88 Resp: 18130
Ion Ratio Lower Upper
88 100
58 90.1 63.0 94.6
43 35.5 27.0 40.4





#3

n-Nitrosodimethylamine

Concen: 7.93 ng

RT: 3.41 min Scan# 48

Delta R.T. -0.02 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Instrument :

BNA_M

ClientSampleId :

PB82531BS

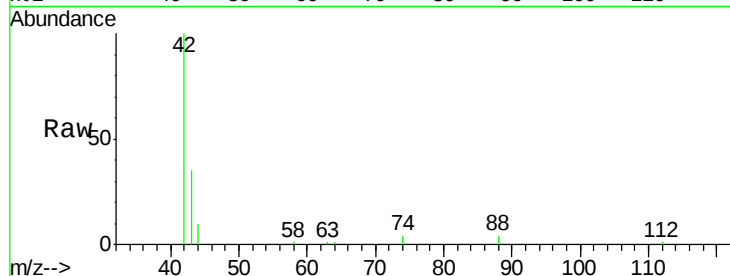
Tgt Ion: 42 Resp: 22629

Ion Ratio Lower Upper

42 100

74 4.2 26.0 39.0#

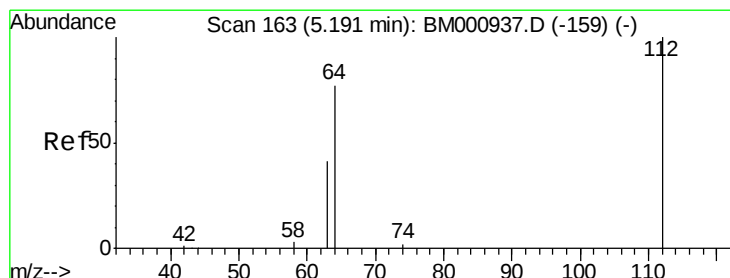
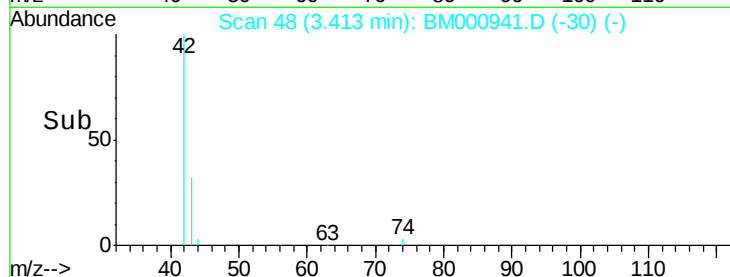
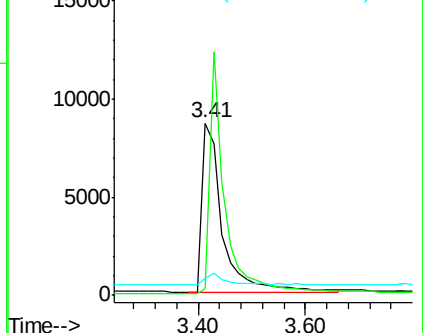
44 9.9 29.0 43.4#



Abundance Ion 42.00 (41.70 to 42.70): BM000937.D (-46) (-)

Ion 74.00 (73.70 to 74.70): BM000937.D (-46) (-)

Ion 44.00 (43.70 to 44.70): BM000937.D (-46) (-)



#4

2-Fluorophenol

Concen: 11.01 ng

RT: 5.19 min Scan# 163

Delta R.T. 0.00 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

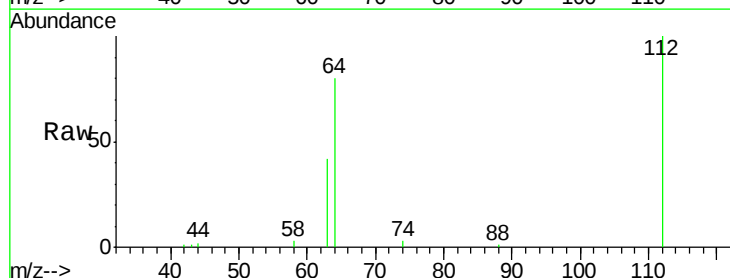
Tgt Ion: 112 Resp: 68444

Ion Ratio Lower Upper

112 100

64 79.9 31.8 47.8#

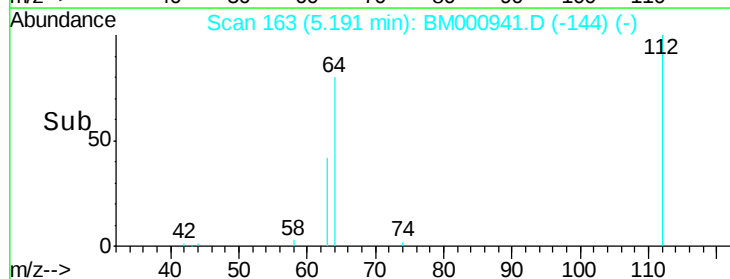
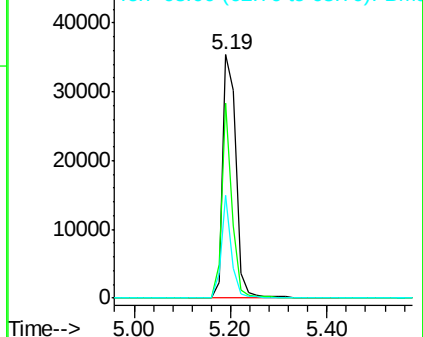
63 42.5 14.5 21.7#

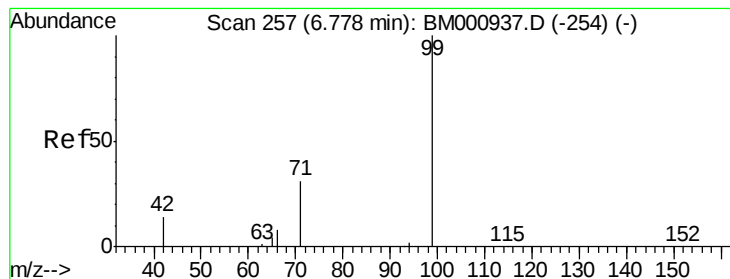


Abundance Ion 112.00 (111.70 to 112.70): BM000937.D (-159) (-)

Ion 64.00 (63.70 to 64.70): BM000937.D (-159) (-)

Ion 63.00 (62.70 to 63.70): BM000937.D (-159) (-)





#5

Phenol-d6

Concen: 11.85 ng

RT: 6.78 min Scan# 257

Delta R.T. 0.00 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Instrument :

BNA_M

ClientSampleId :

PB82531BS

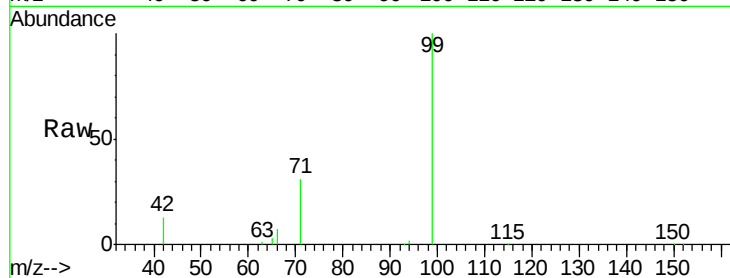
Tgt Ion: 99 Resp: 88176

Ion Ratio Lower Upper

99 100

42 13.2 14.1 21.1#

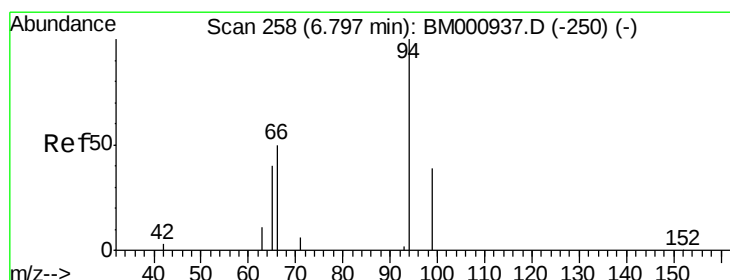
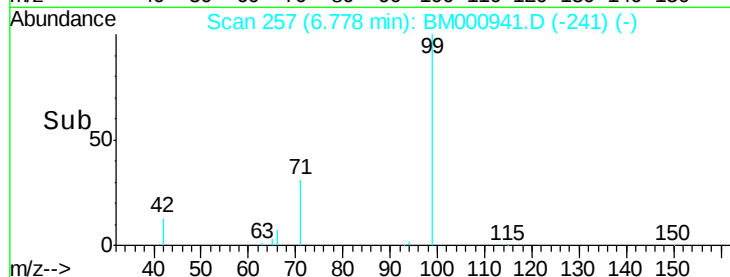
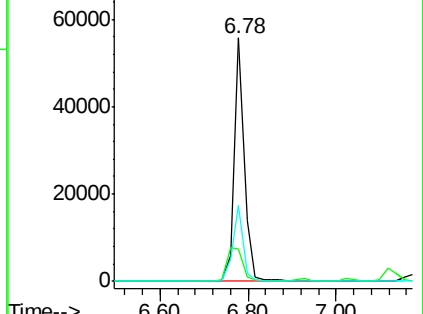
71 31.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM000941.D (-254) (-)

Ion 42.00 (41.70 to 42.70): BM000941.D (-254) (-)

Ion 71.00 (70.70 to 71.70): BM000941.D (-254) (-)



#6

Phenol

Concen: 7.64 ng

RT: 6.80 min Scan# 258

Delta R.T. 0.00 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

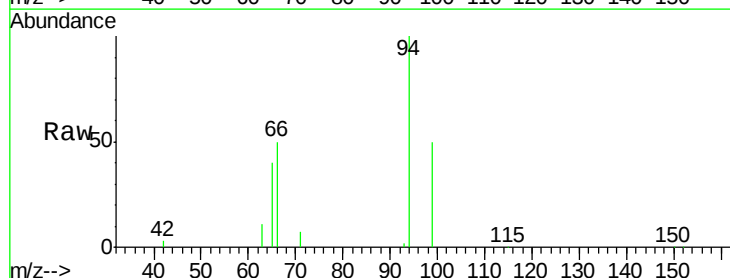
Tgt Ion: 94 Resp: 58491

Ion Ratio Lower Upper

94 100

65 39.9 0.0 36.0#

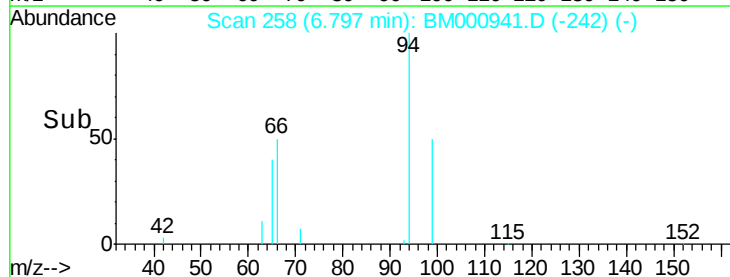
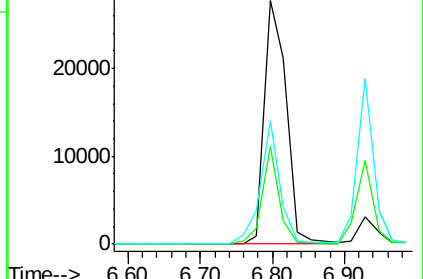
66 50.4 3.7 43.7#

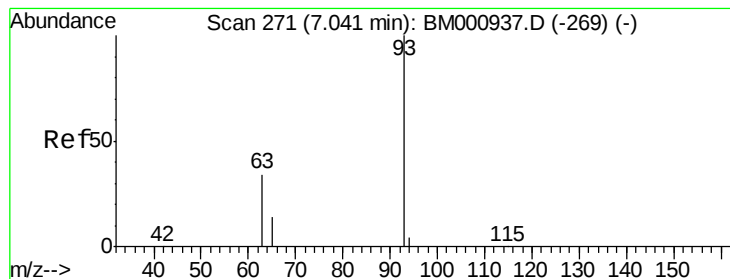


Abundance Ion 94.00 (93.70 to 94.70): BM000941.D (-250) (-)

Ion 65.00 (64.70 to 65.70): BM000941.D (-250) (-)

Ion 66.00 (65.70 to 66.70): BM000941.D (-250) (-)





#7

bis(2-Chloroethyl)ether

Concen: 7.86 ng

RT: 7.02 min Scan# 270

Delta R.T. -0.02 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Instrument :

BNA_M

ClientSampleId :

PB82531BS

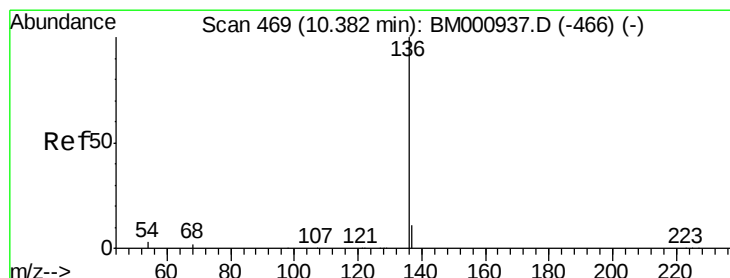
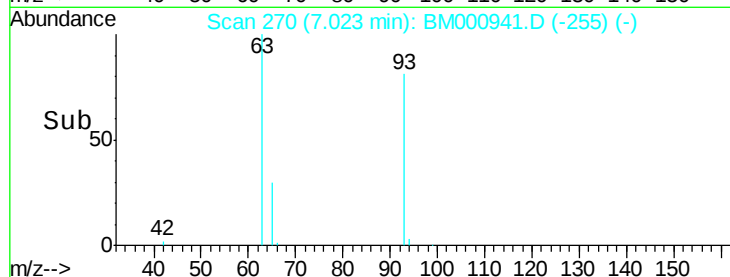
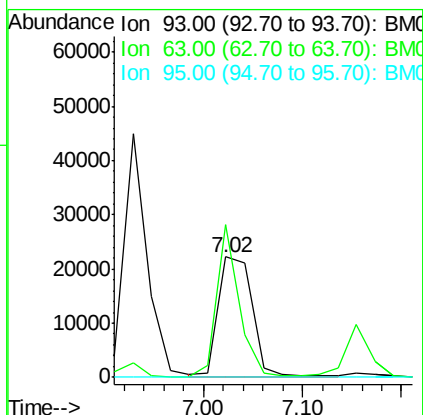
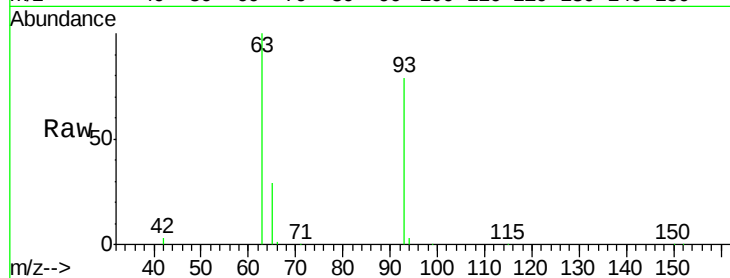
Tgt Ion: 93 Resp: 52707

Ion Ratio Lower Upper

93 100

63 126.7 24.0 64.0#

95 0.0 0.0 20.0



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Tgt Ion: 136 Resp: 110362

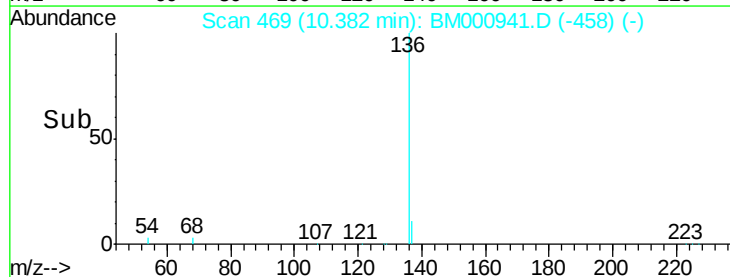
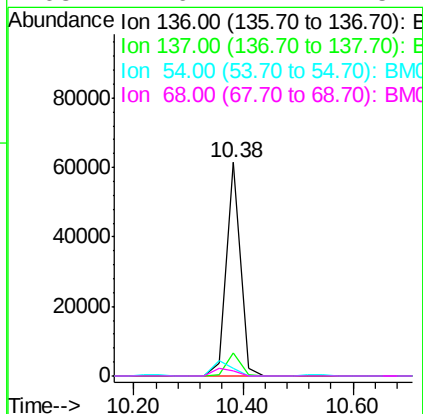
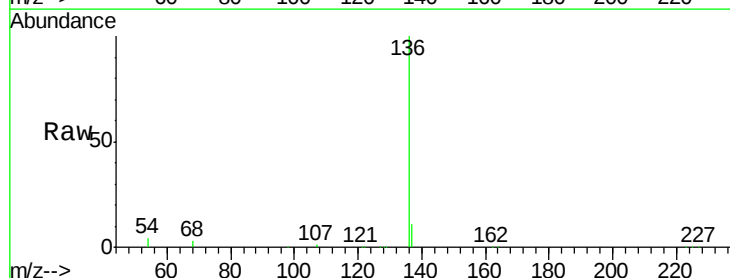
Ion Ratio Lower Upper

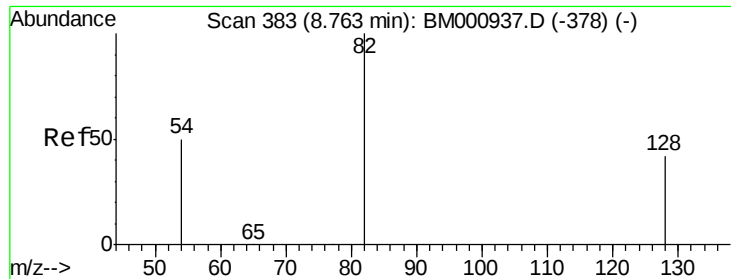
136 100

137 11.0 8.6 13.0

54 3.5 2.9 4.3

68 2.6 2.2 3.2

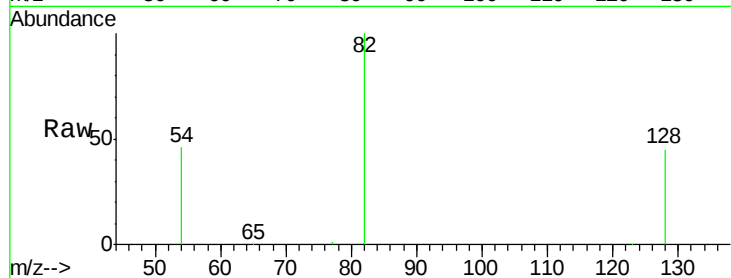




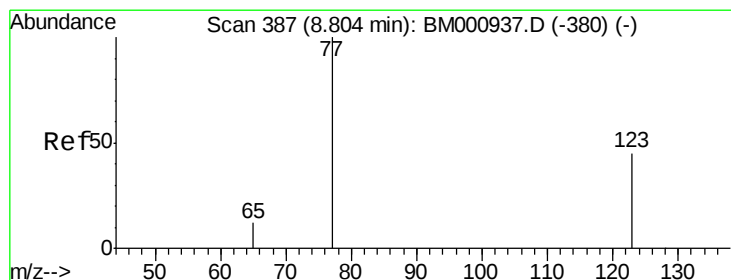
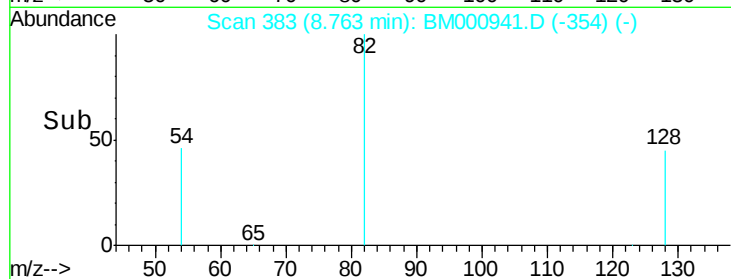
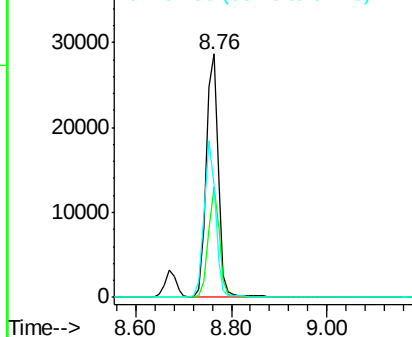
#9
 Nitrobenzene-d5
 Concen: 9.31 ng
 RT: 8.76 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: BM000941.D
 Acq: 10 Apr 2015 16:14

Instrument :
 BNA_M
 ClientSampleId :
 PB82531BS

Tgt Ion: 82 Resp: 49589
 Ion Ratio Lower Upper
 82 100
 128 45.3 33.4 50.0
 54 46.2 40.5 60.7

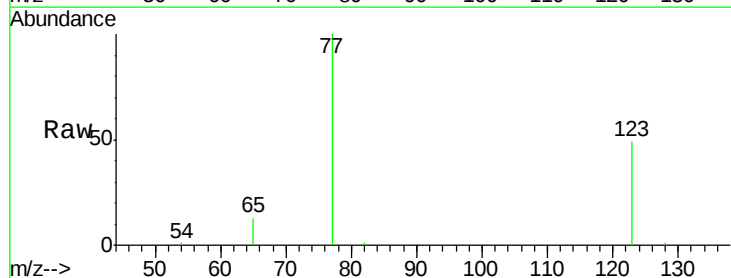


Abundance Ion 82.00 (81.70 to 82.70): BM000941.D (-378) (-)
 Ion 128.00 (127.70 to 128.70): BM000941.D (-378) (-)
 Ion 54.00 (53.70 to 54.70): BM000941.D (-378) (-)

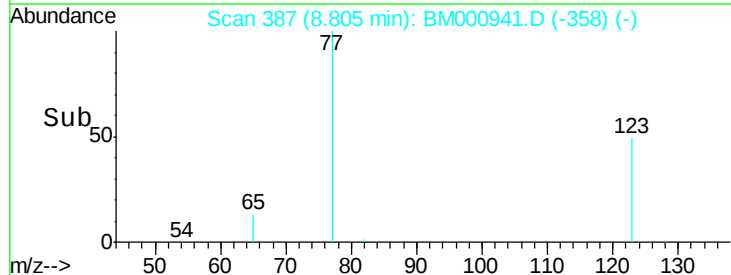
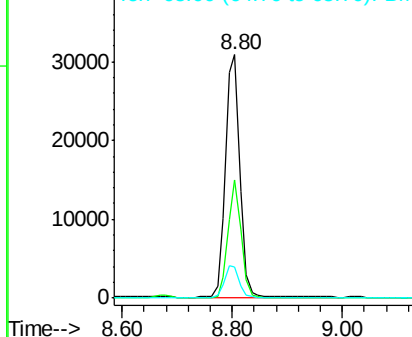


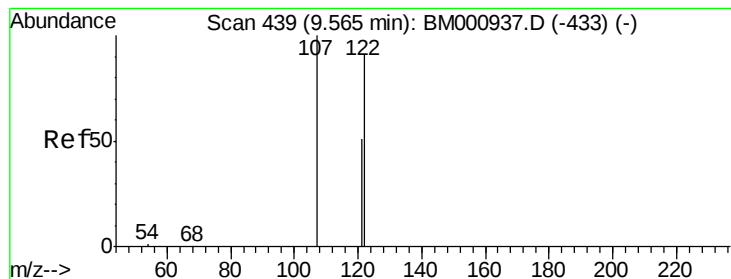
#10
 Nitrobenzene
 Concen: 7.07 ng
 RT: 8.80 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BM000941.D
 Acq: 10 Apr 2015 16:14

Tgt Ion: 77 Resp: 55302
 Ion Ratio Lower Upper
 77 100
 123 48.5 35.0 52.6
 65 12.7 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BM000941.D (-380) (-)
 Ion 123.00 (122.70 to 123.70): BM000941.D (-380) (-)
 Ion 65.00 (64.70 to 65.70): BM000941.D (-380) (-)





#11

2,4-Dimethylphenol

Concen: 7.52 ng

RT: 9.56 min Scan# 439

Delta R.T. 0.00 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Instrument :

BNA_M

ClientSampleId :

PB82531BS

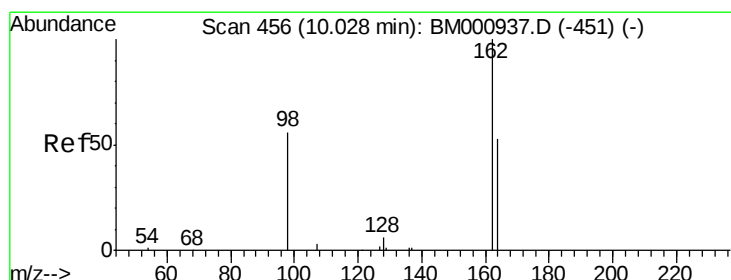
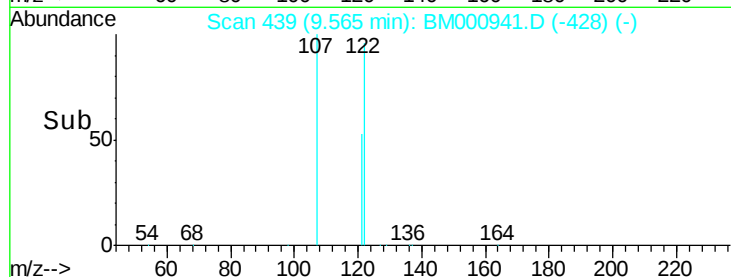
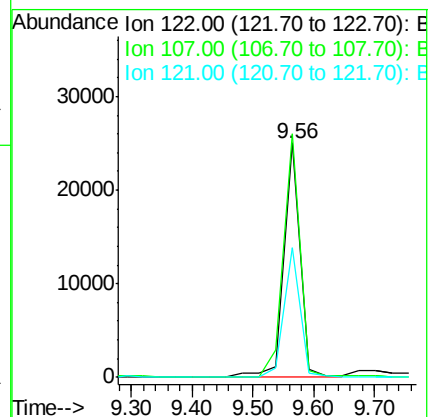
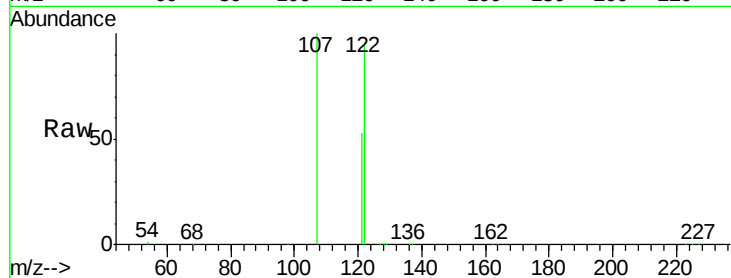
Tgt Ion:122 Resp: 45705

Ion Ratio Lower Upper

122 100

107 103.8 89.8 134.6

121 55.3 46.6 70.0



#12

2,4-Dichlorophenol

Concen: 7.93 ng

RT: 10.03 min Scan# 456

Delta R.T. 0.00 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

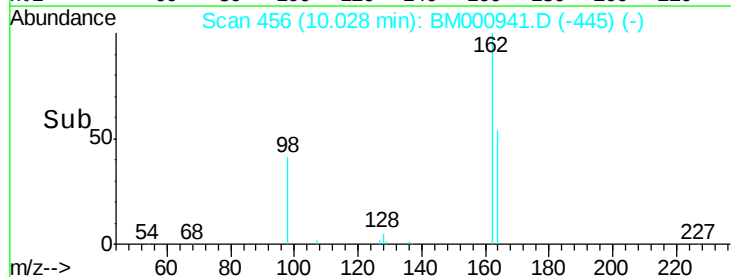
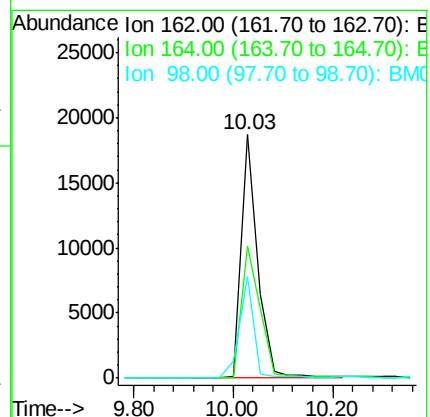
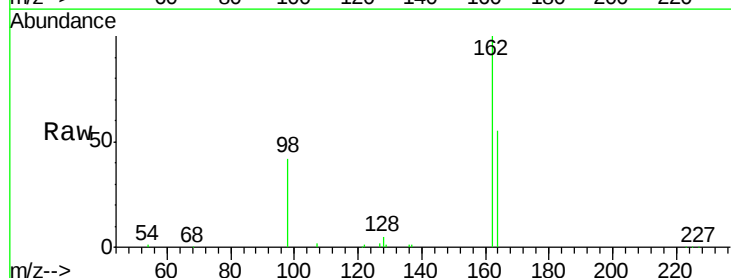
Tgt Ion:162 Resp: 42535

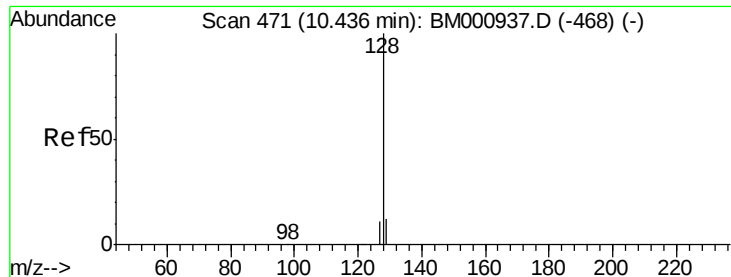
Ion Ratio Lower Upper

162 100

164 54.5 32.5 72.5

98 41.6 40.5 80.5

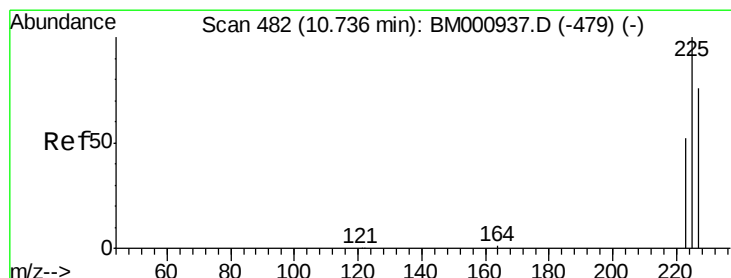
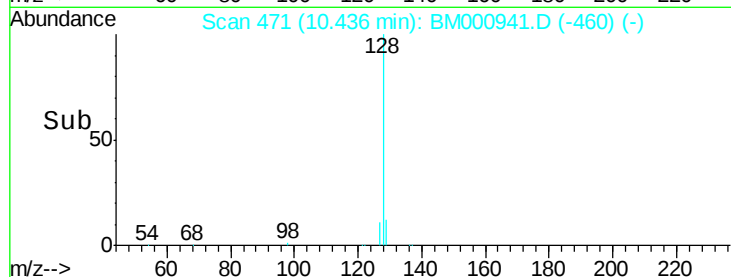
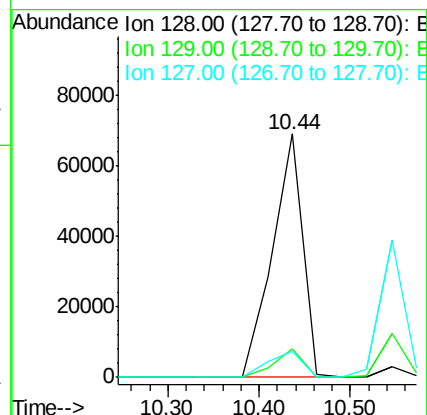
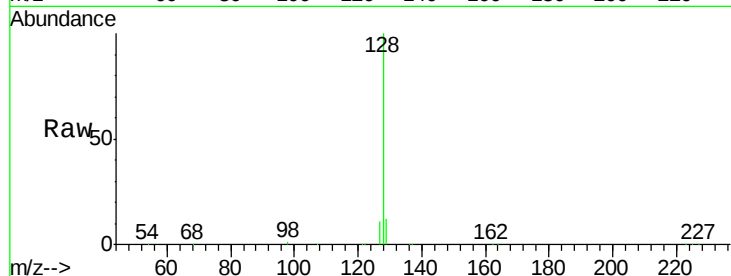




#13
Naphthalene
Concen: 7.21 ng
RT: 10.44 min Scan# 471
Delta R.T. 0.00 min
Lab File: BM000941.D
Acq: 10 Apr 2015 16:14

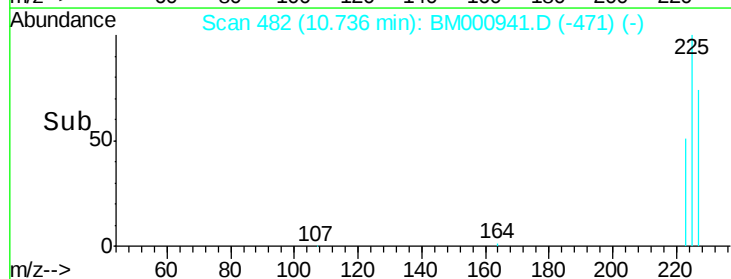
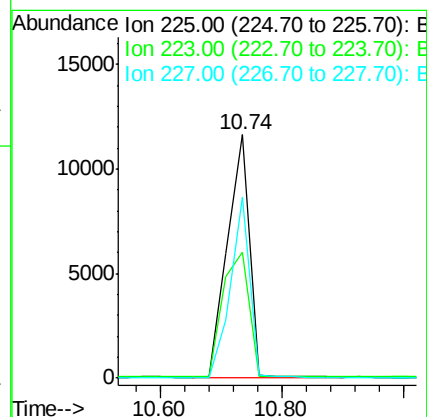
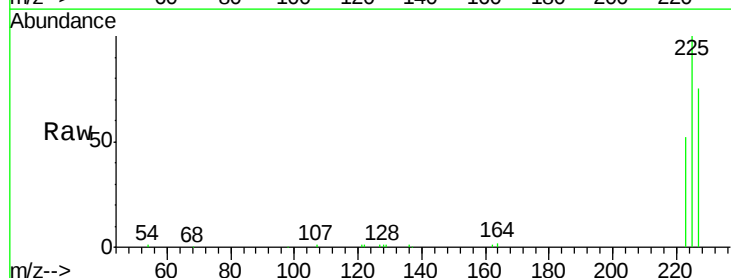
Instrument :
BNA_M
ClientSampleId :
PB82531BS

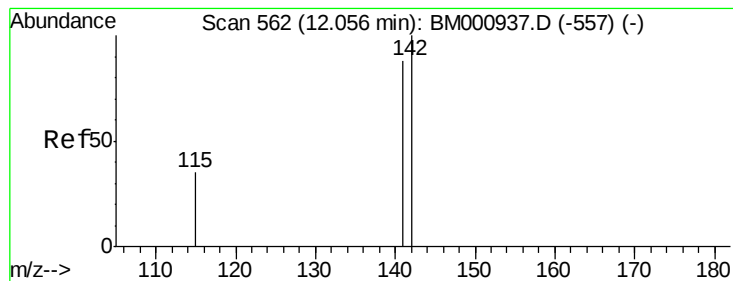
Tgt Ion:128 Resp: 160514
Ion Ratio Lower Upper
128 100
129 12.0 9.8 14.6
127 10.8 9.1 13.7



#14
Hexachlorobutadiene
Concen: 7.06 ng
RT: 10.74 min Scan# 482
Delta R.T. 0.00 min
Lab File: BM000941.D
Acq: 10 Apr 2015 16:14

Tgt Ion:225 Resp: 28729
Ion Ratio Lower Upper
225 100
223 51.6 42.2 63.2
227 74.6 61.4 92.2





#15

2-Methylnaphthalene

Concen: 7.51 ng

RT: 12.06 min Scan# 562

Delta R.T. 0.00 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Instrument :

BNA_M

ClientSampleId :

PB82531BS

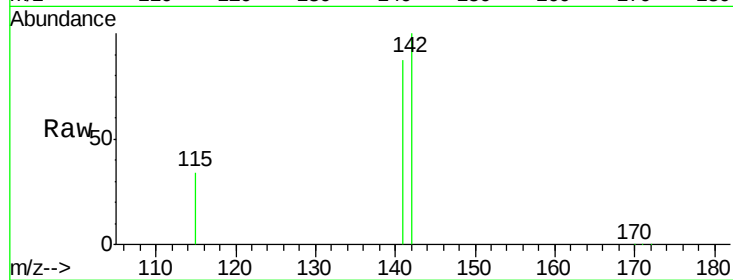
Tgt Ion:142 Resp: 114216

Ion Ratio Lower Upper

142 100

141 87.0 71.2 106.8

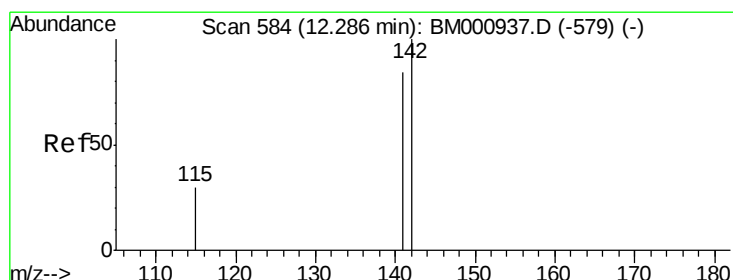
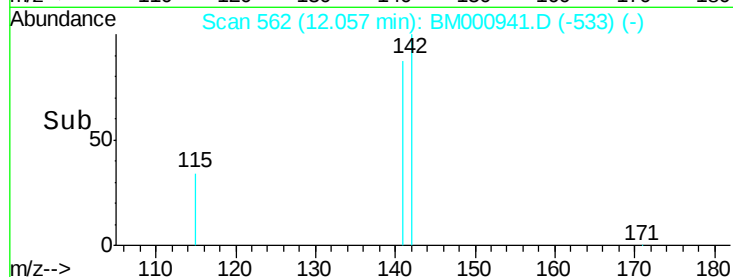
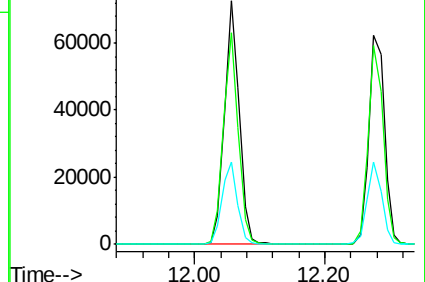
115 33.8 28.3 42.5



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



#16

1-Methylnaphthalene

Concen: 6.81 ng

RT: 12.28 min Scan# 583

Delta R.T. -0.01 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

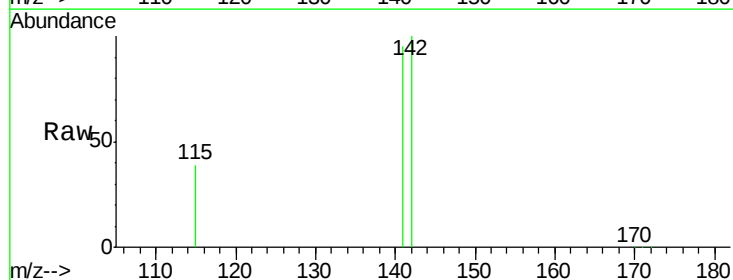
Tgt Ion:142 Resp: 104366

Ion Ratio Lower Upper

142 100

141 95.1 66.7 100.1

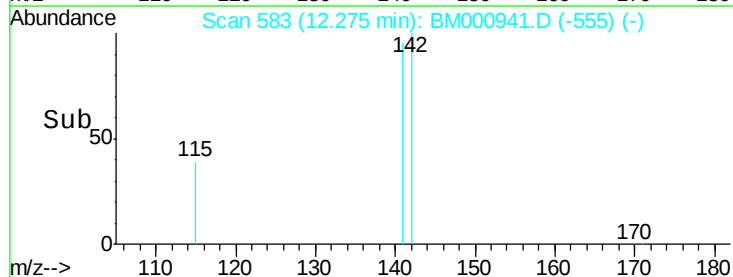
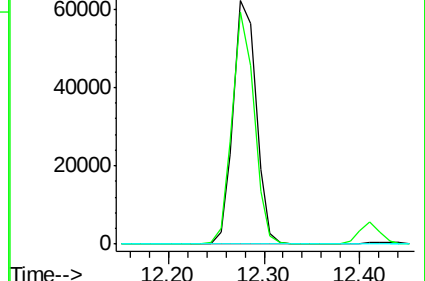
116 0.0 0.0 0.0

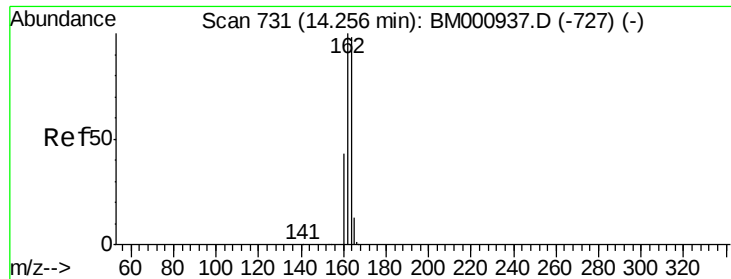


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#17

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.25 min Scan# 730

Delta R.T. -0.01 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Instrument :

BNA_M

ClientSampleId :

PB82531BS

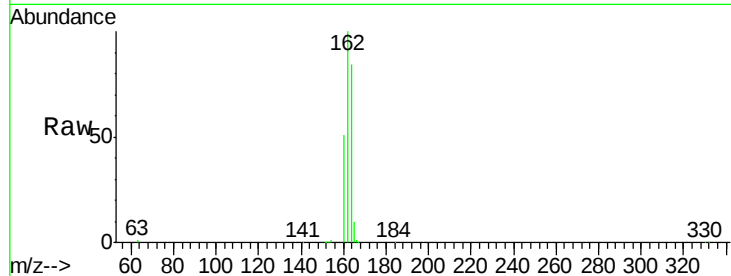
Tgt Ion:164 Resp: 48565

Ion Ratio Lower Upper

164 100

162 119.0 96.1 144.1

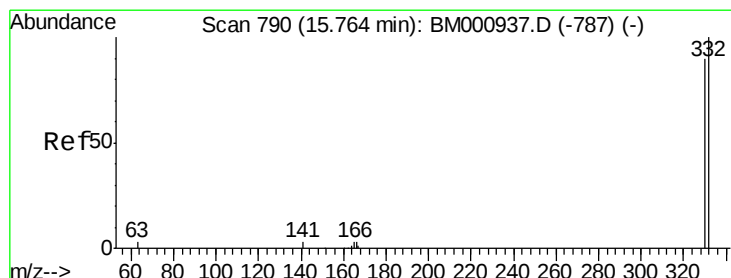
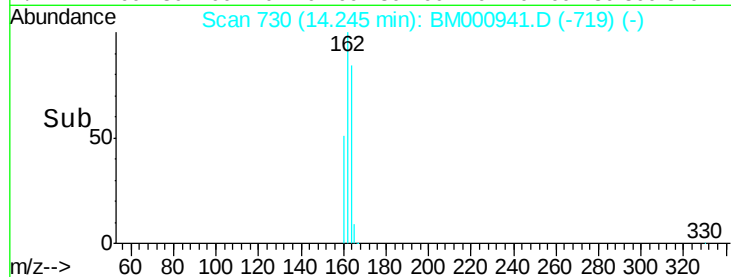
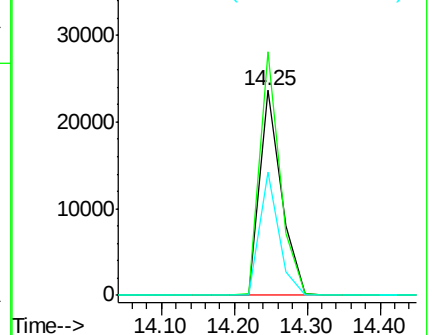
160 60.5 48.2 72.2



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



#18

2,4,6-Tribromophenol

Concen: 16.32 ng

RT: 15.75 min Scan# 789

Delta R.T. -0.01 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

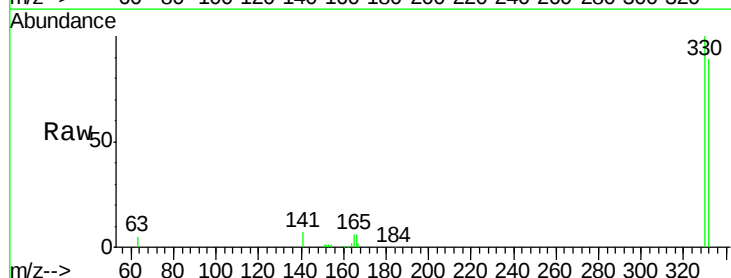
Tgt Ion:330 Resp: 33123

Ion Ratio Lower Upper

330 100

332 91.0 75.4 113.2

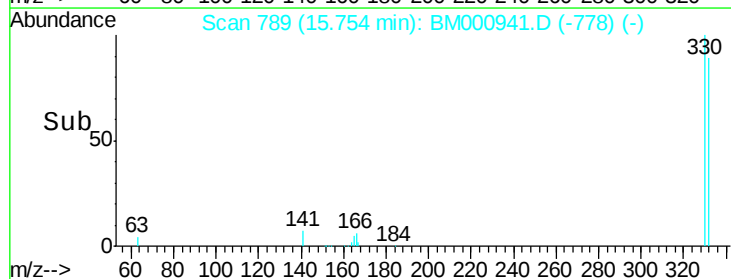
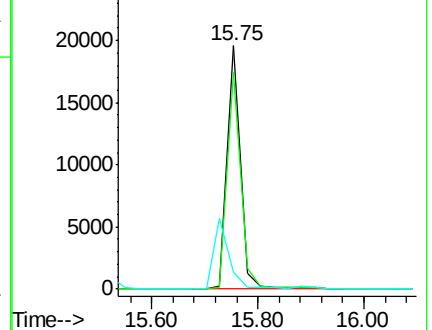
141 0.0 0.0 0.0

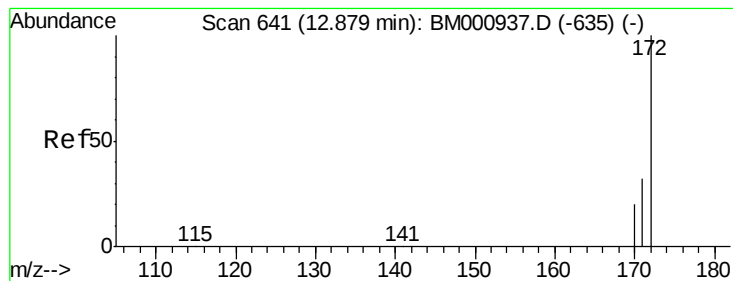


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#19

2-Fluorobiphenyl

Concen: 10.53 ng

RT: 12.88 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Instrument :

BNA_M

ClientSampleId :

PB82531BS

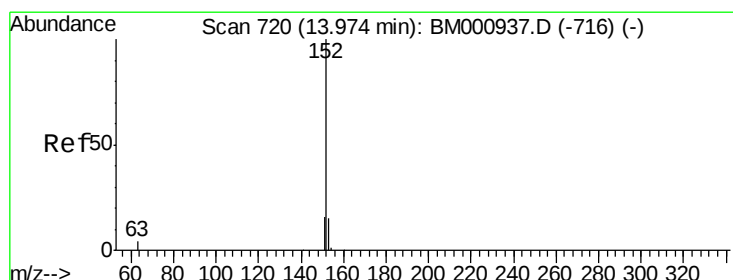
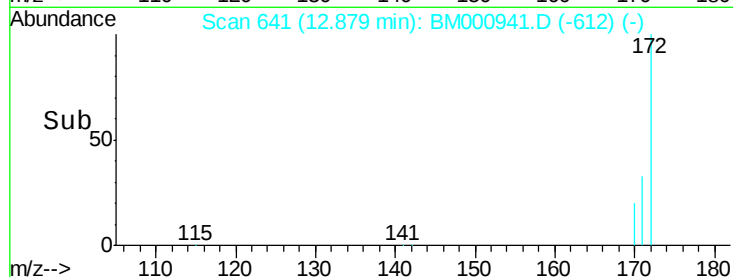
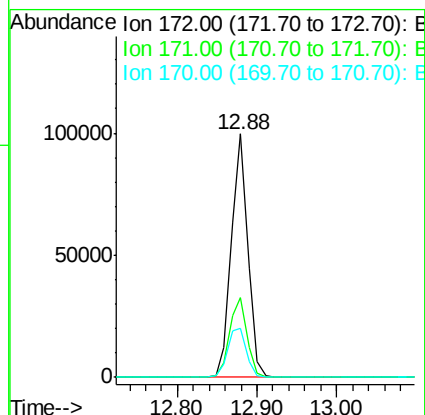
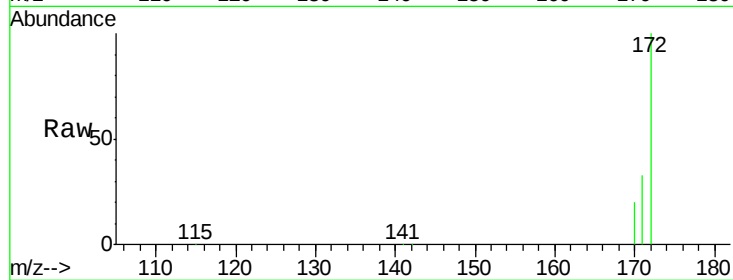
Tgt Ion:172 Resp: 143293

Ion Ratio Lower Upper

172 100

171 32.5 26.7 40.1

170 20.1 17.0 25.4



#20

Acenaphthylene

Concen: 11.44 ng

RT: 13.96 min Scan# 719

Delta R.T. -0.01 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

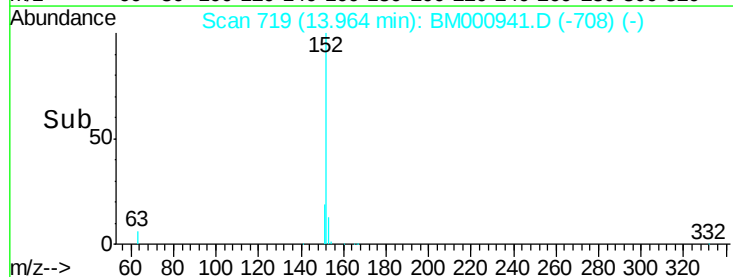
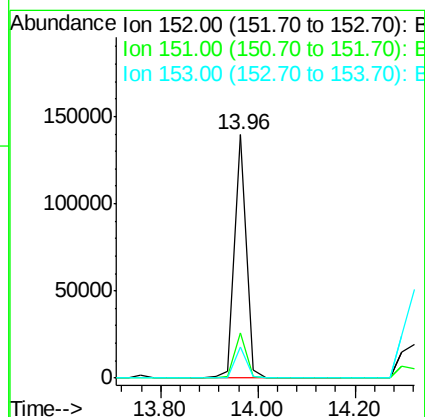
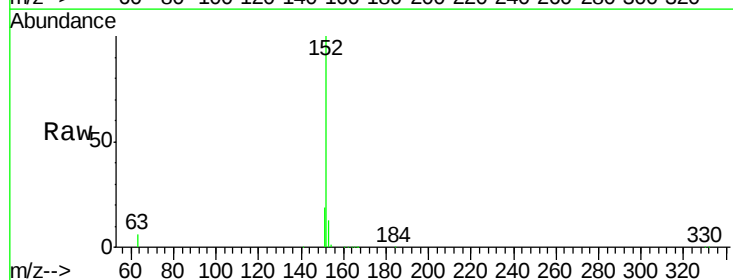
Tgt Ion:152 Resp: 230317

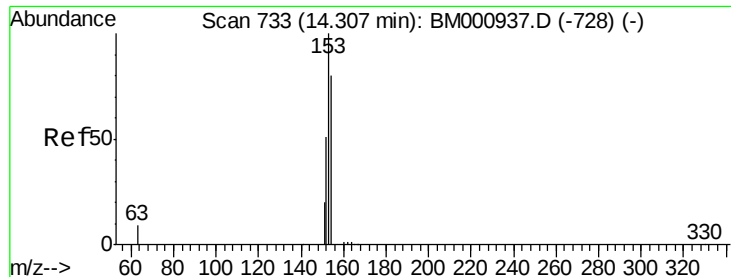
Ion Ratio Lower Upper

152 100

151 18.7 15.4 23.0

153 12.8 10.2 15.2





#21

Acenaphthene

Concen: 8.88 ng

RT: 14.32 min Scan# 733

Delta R.T. 0.02 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Instrument :

BNA_M

ClientSampleId :

PB82531BS

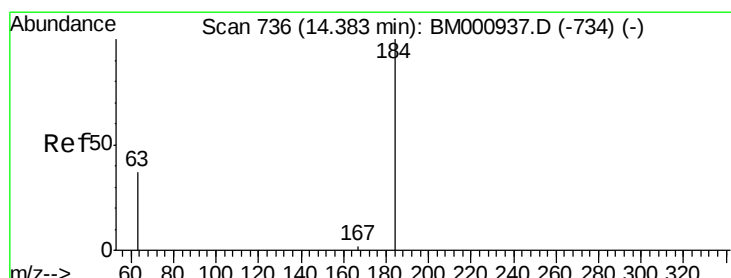
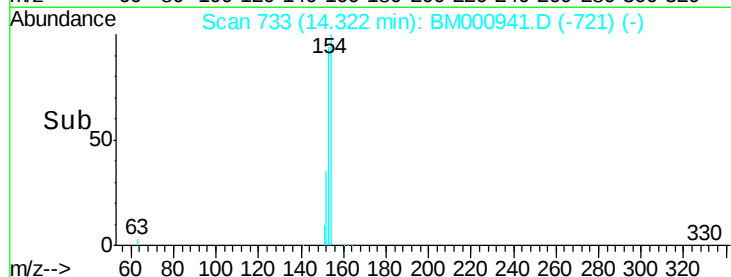
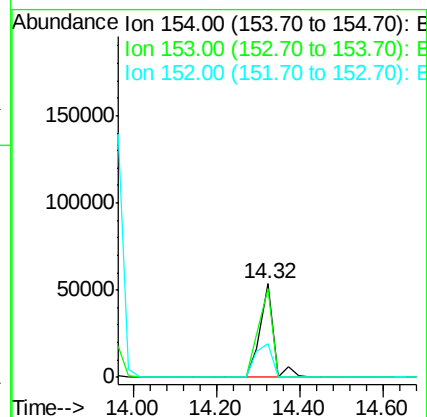
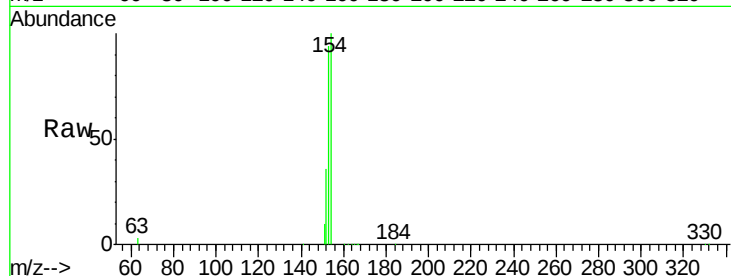
Tgt Ion:154 Resp: 118998

Ion Ratio Lower Upper

154 100

153 94.3 73.7 110.5

152 35.9 29.0 43.6



#22

2,4-Dinitrophenol

Concen: 11.00 ng

RT: 14.37 min Scan# 735

Delta R.T. -0.01 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

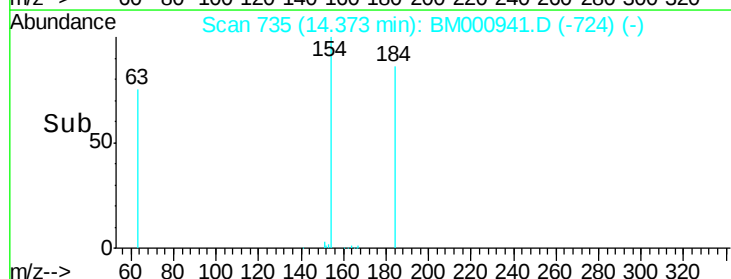
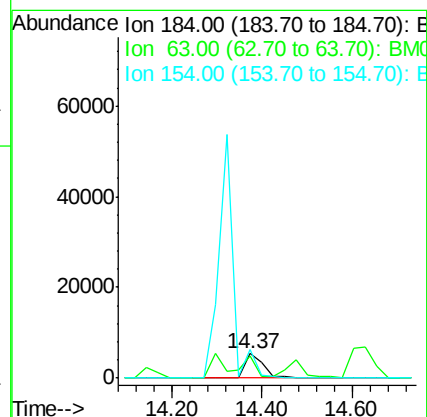
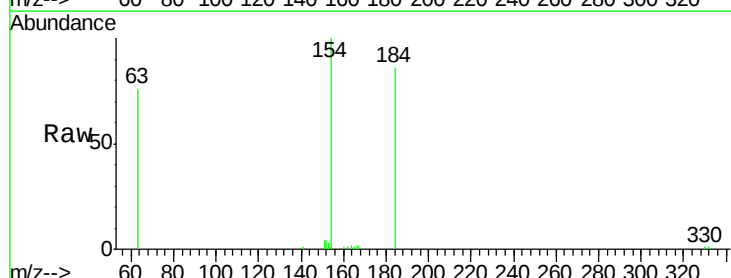
Tgt Ion:184 Resp: 15381

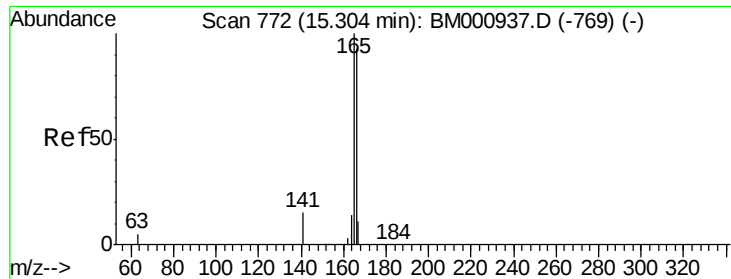
Ion Ratio Lower Upper

184 100

63 87.8 39.0 58.4#

154 116.1 43.8 65.8#

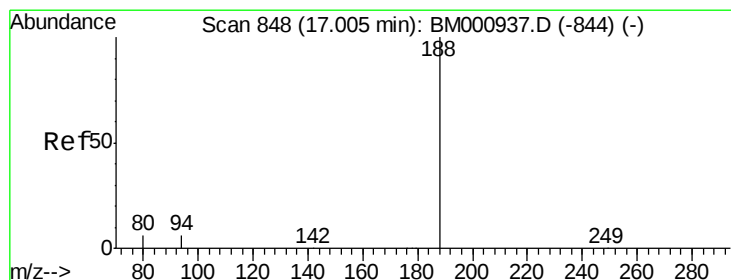
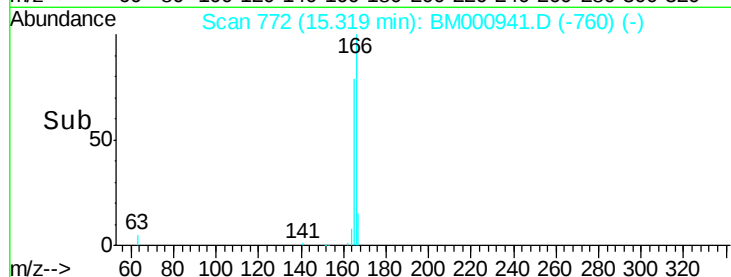
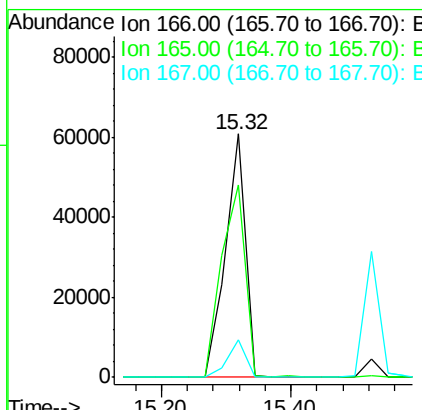
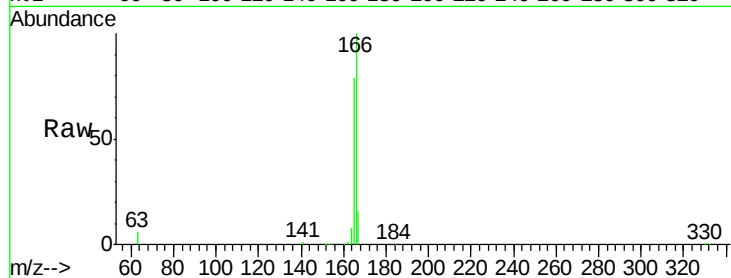




#23
 Fluorene
 Concen: 8.34 ng
 RT: 15.32 min Scan# 772
 Delta R.T. 0.02 min
 Lab File: BM000941.D
 Acq: 10 Apr 2015 16:14

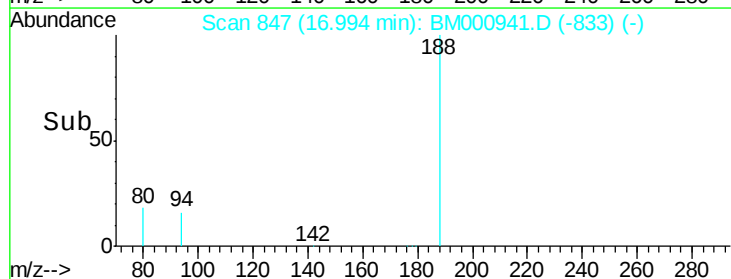
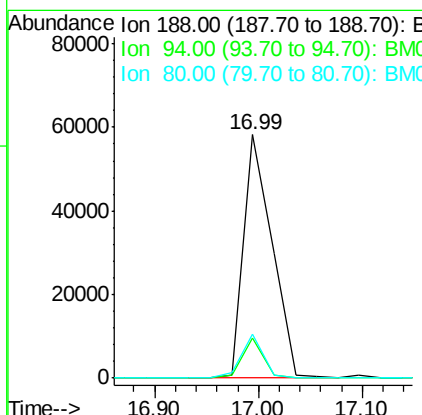
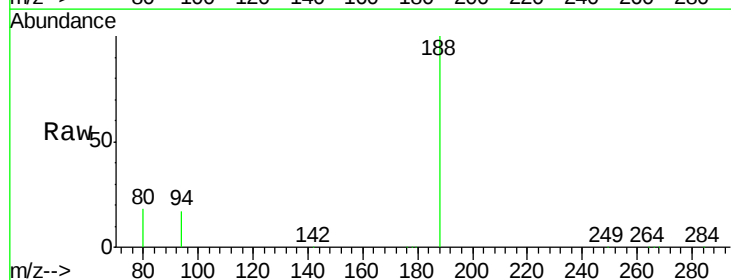
Instrument :
 BNA_M
 ClientSampleId :
 PB82531BS

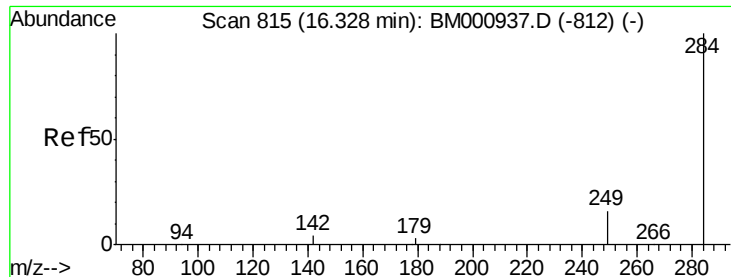
Tgt Ion	Resp	Lower	Upper
166	100		
165	79.1	63.7	95.5
167	15.6	12.7	19.1



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.99 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BM000941.D
 Acq: 10 Apr 2015 16:14

Tgt Ion	Resp	Lower	Upper
188	100		
94	16.5	12.2	18.4
80	18.3	13.4	20.0

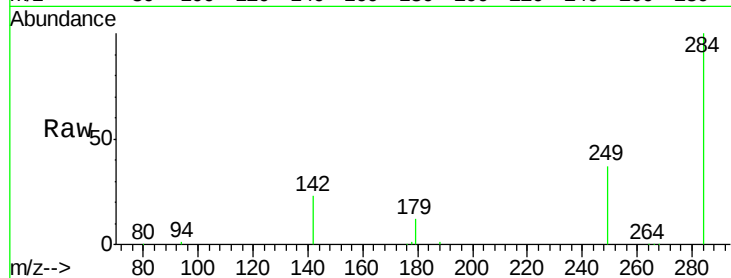




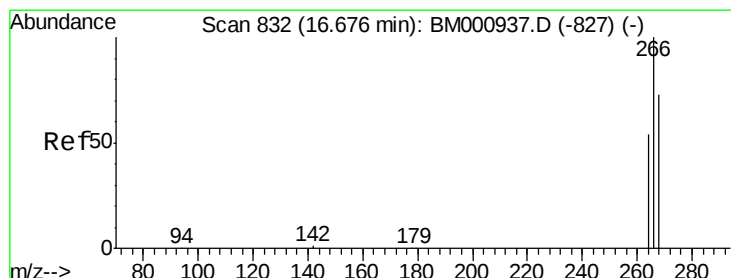
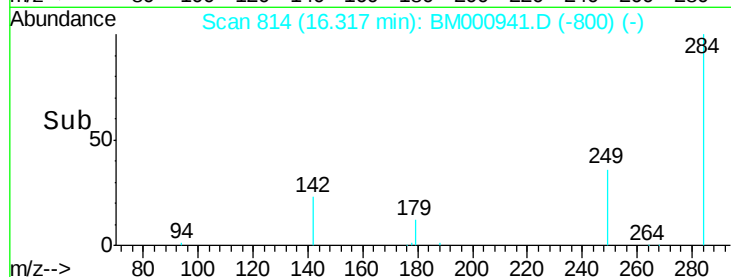
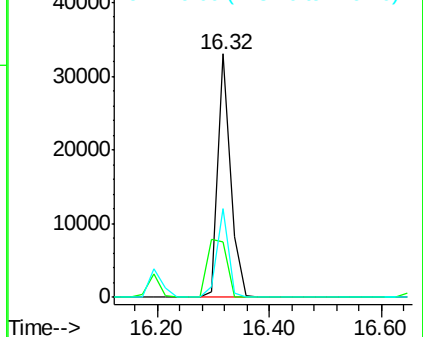
#25
Hexachlorobenzene
Concen: 8.67 ng
RT: 16.32 min Scan# 814
Delta R.T. -0.01 min
Lab File: BM000941.D
Acq: 10 Apr 2015 16:14

Instrument :
BNA_M
ClientSampleId :
PB82531BS

Tgt Ion:284 Resp: 51770
Ion Ratio Lower Upper
284 100
142 23.0 16.2 24.2
249 36.6 27.4 41.2

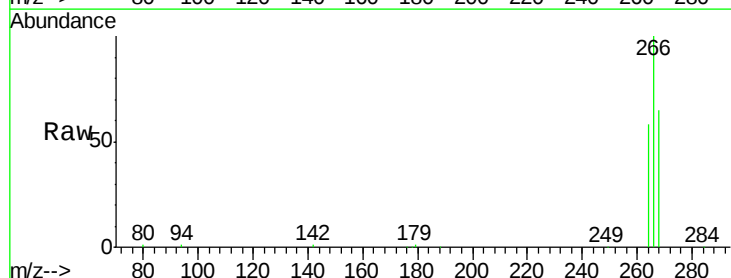


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

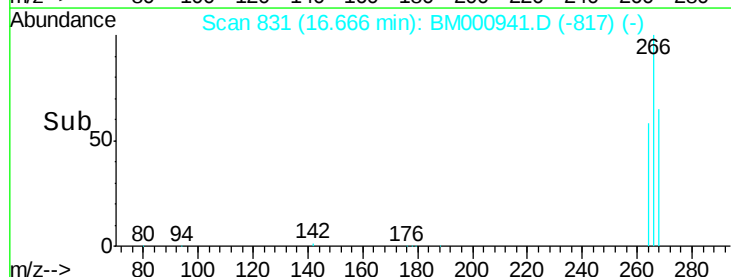
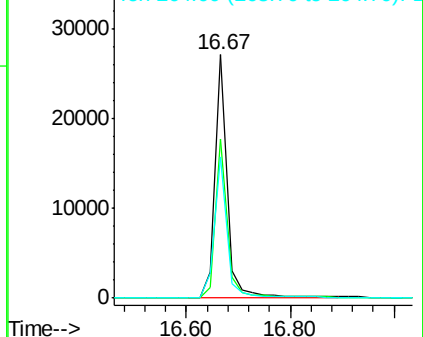


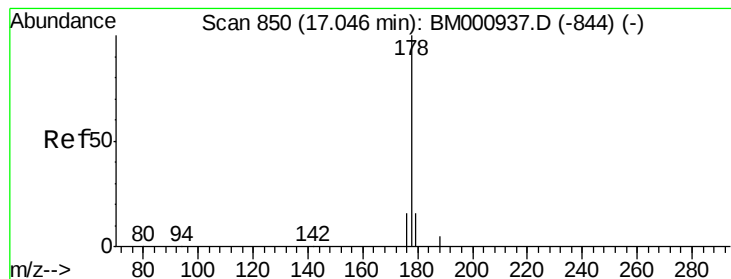
#26
Pentachlorophenol
Concen: 18.37 ng
RT: 16.67 min Scan# 831
Delta R.T. -0.01 min
Lab File: BM000941.D
Acq: 10 Apr 2015 16:14

Tgt Ion:266 Resp: 43825
Ion Ratio Lower Upper
266 100
268 65.2 53.0 79.4
264 58.1 49.4 74.0



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





#27

Phenanthrene

Concen: 8.41 ng

RT: 17.04 min Scan# 849

Delta R.T. -0.01 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Instrument :

BNA_M

ClientSampleId :

PB82531BS

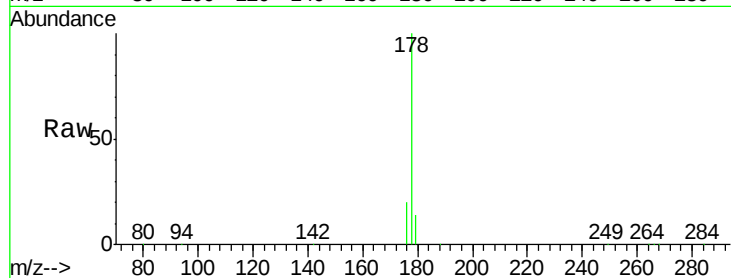
Tgt Ion:178 Resp: 239976

Ion Ratio Lower Upper

178 100

176 20.3 16.0 24.0

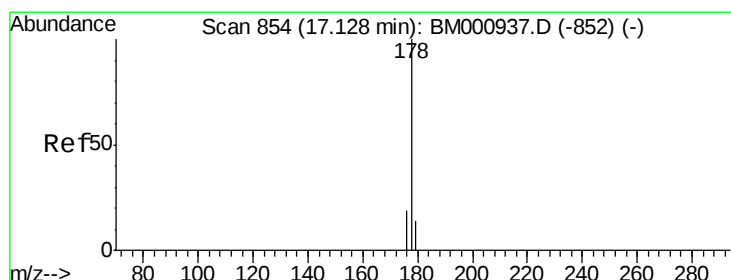
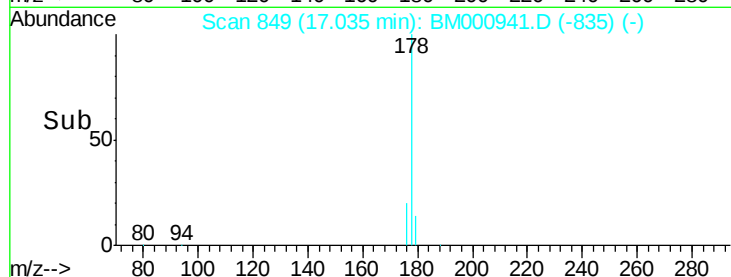
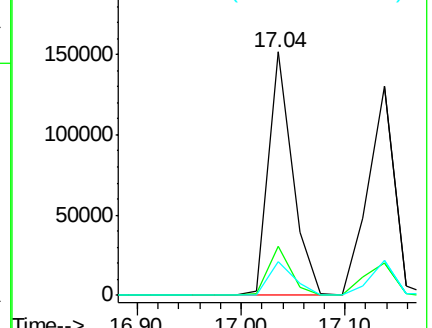
179 13.9 11.4 17.2



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



#28

Anthracene

Concen: 8.80 ng

RT: 17.14 min Scan# 854

Delta R.T. 0.01 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

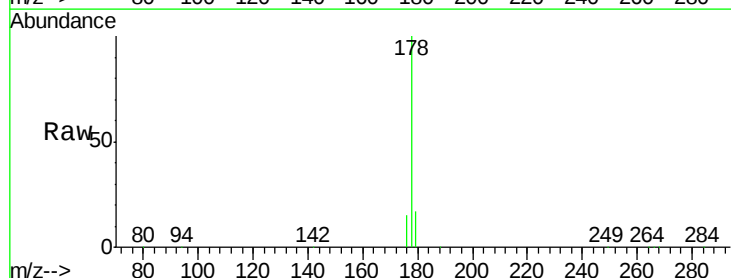
Tgt Ion:178 Resp: 229942

Ion Ratio Lower Upper

178 100

176 15.3 12.7 19.1

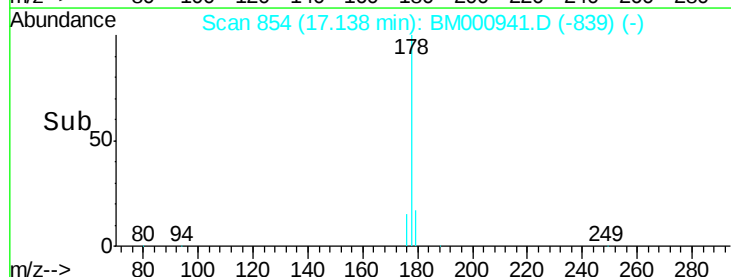
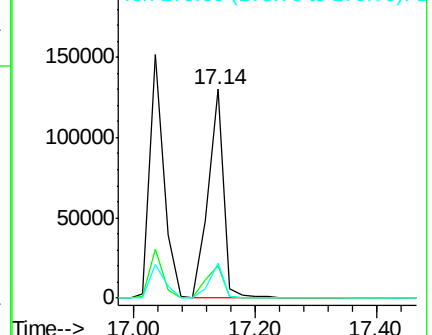
179 17.0 13.9 20.9

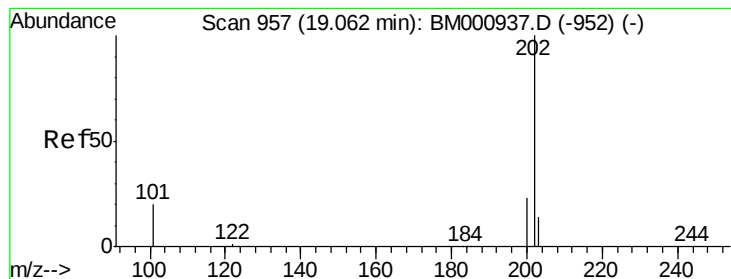


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#29

Fluoranthene

Concen: 8.98 ng

RT: 19.07 min Scan# 957

Delta R.T. 0.01 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Instrument :

BNA_M

ClientSampleId :

PB82531BS

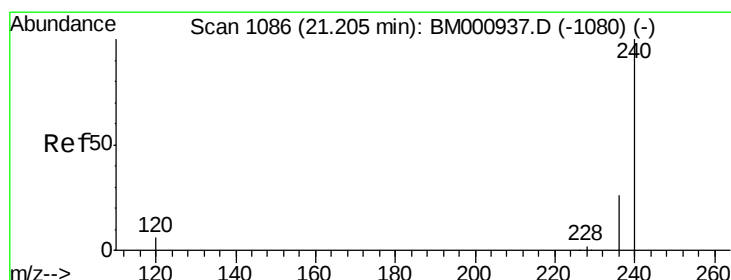
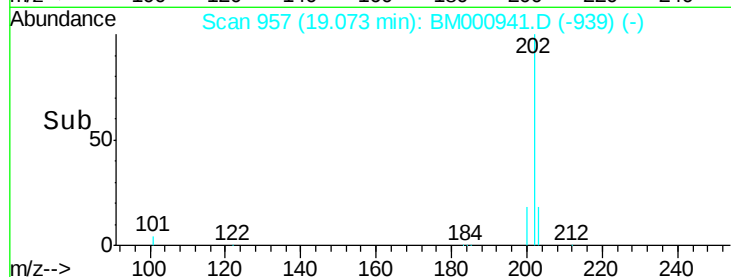
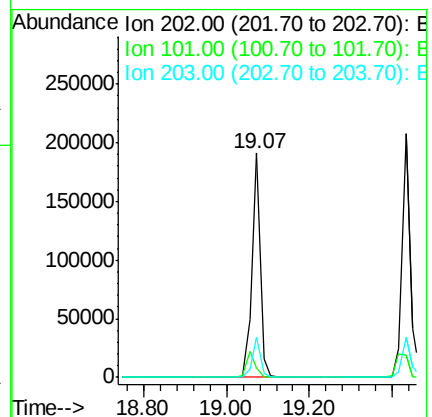
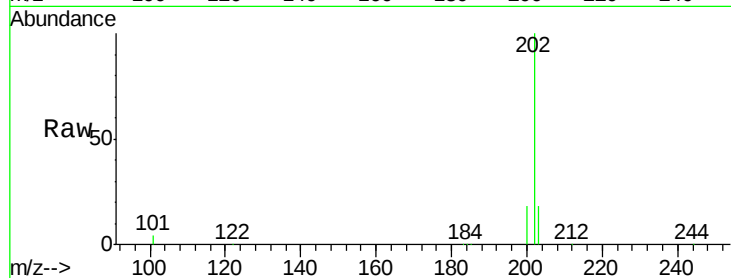
Tgt Ion:202 Resp: 267864

Ion Ratio Lower Upper

202 100

101 4.3 0.0 24.1

203 17.8 0.0 38.4



#30

Chrysene-d12

Concen: 5.00 ng

RT: 21.20 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

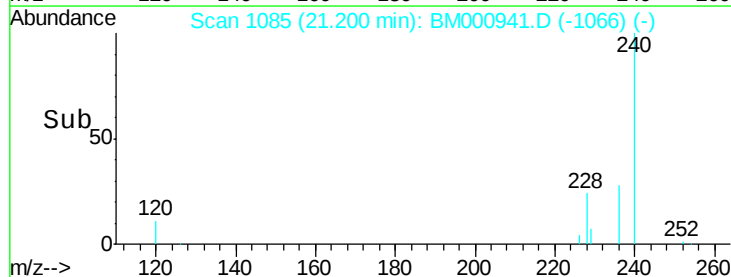
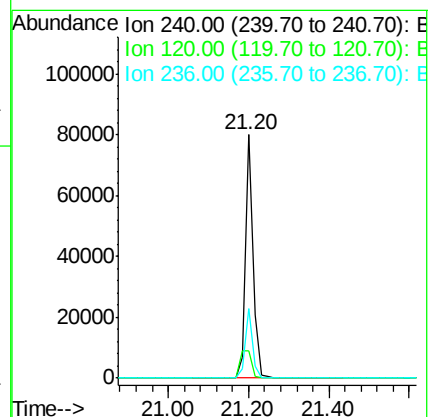
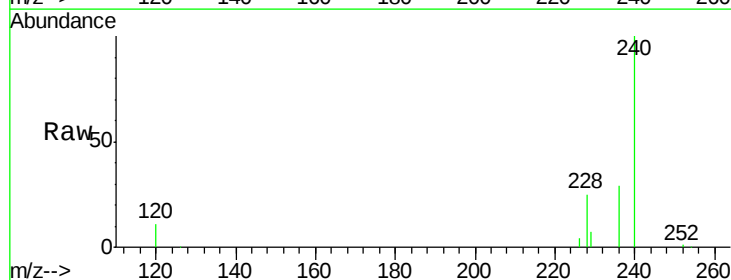
Tgt Ion:240 Resp: 102451

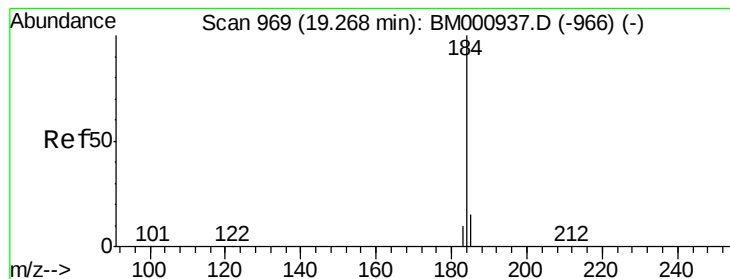
Ion Ratio Lower Upper

240 100

120 11.4 6.8 10.2#

236 28.5 22.1 33.1





#31

Benzidine

Concen: 13.08 ng

RT: 19.26 min Scan# 968

Delta R.T. -0.01 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Instrument :

BNA_M

ClientSampleId :

PB82531BS

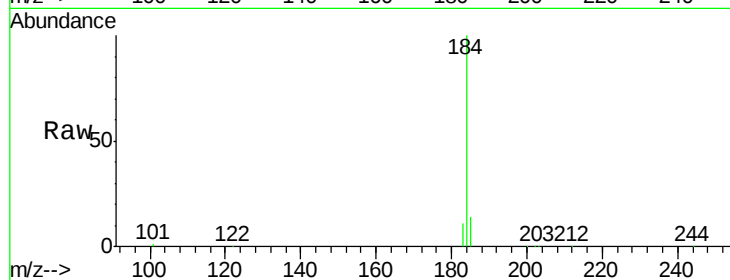
Tgt Ion:184 Resp: 184162

Ion Ratio Lower Upper

184 100

185 13.6 12.2 18.4

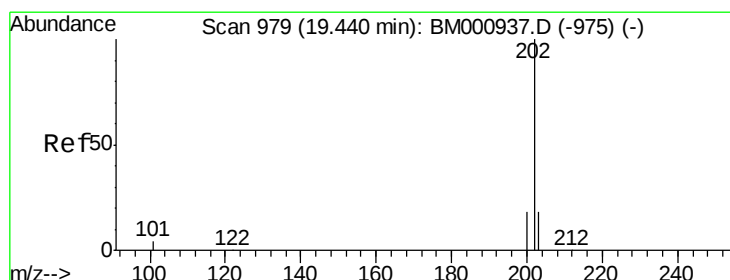
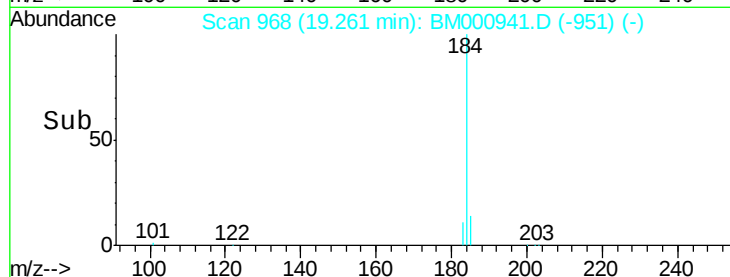
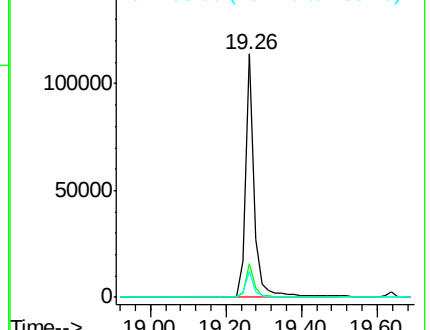
183 10.7 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#32

Pyrene

Concen: 8.55 ng

RT: 19.43 min Scan# 978

Delta R.T. -0.01 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

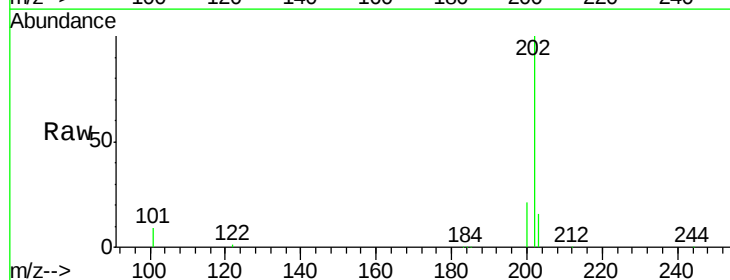
Tgt Ion:202 Resp: 284648

Ion Ratio Lower Upper

202 100

200 20.6 16.2 24.4

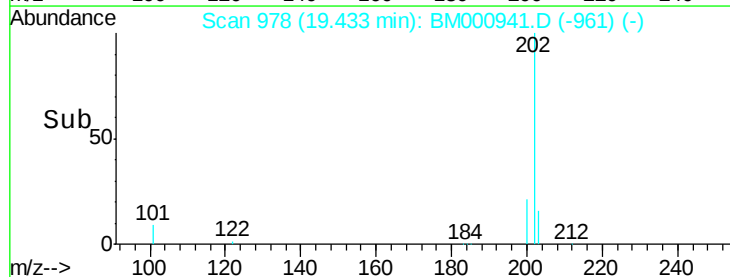
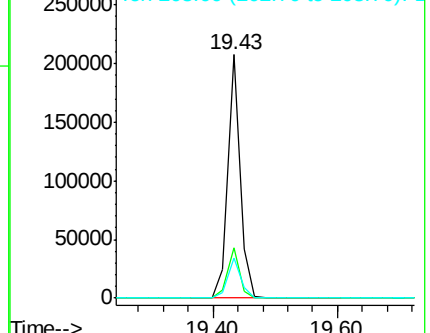
203 16.5 13.5 20.3

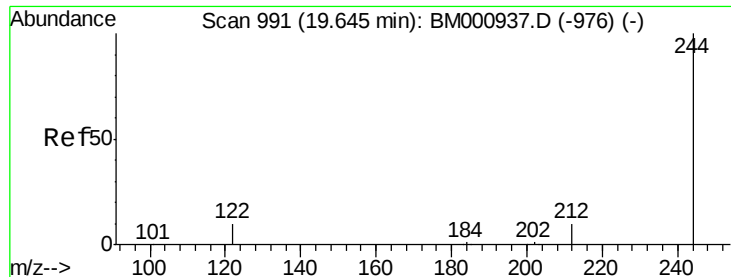


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

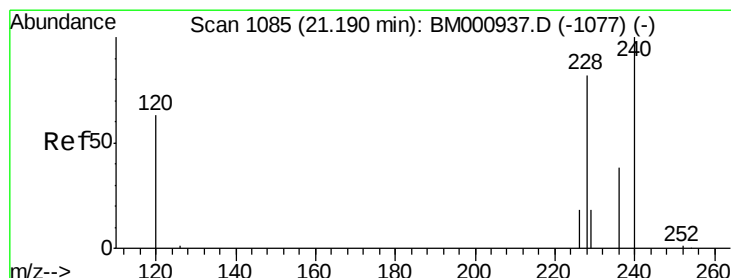
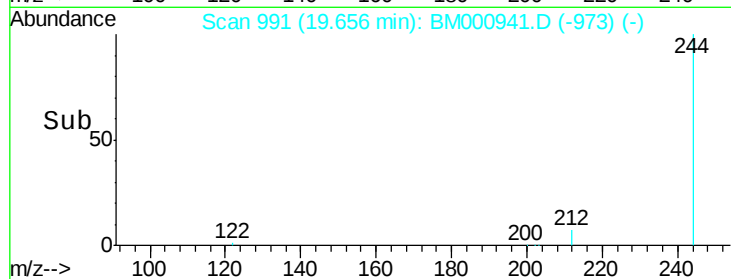
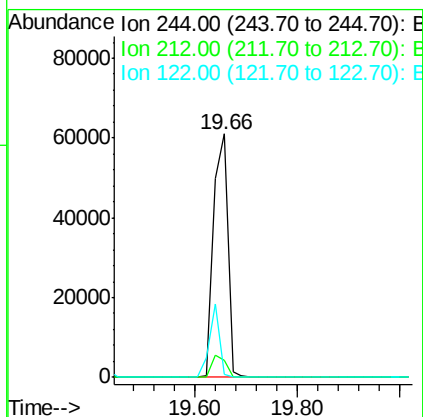
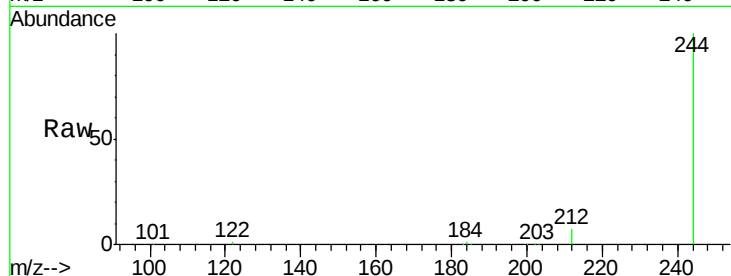




#33
 Terphenyl-d14
 Concen: 9.38 ng
 RT: 19.66 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: BM000941.D
 Acq: 10 Apr 2015 16:14

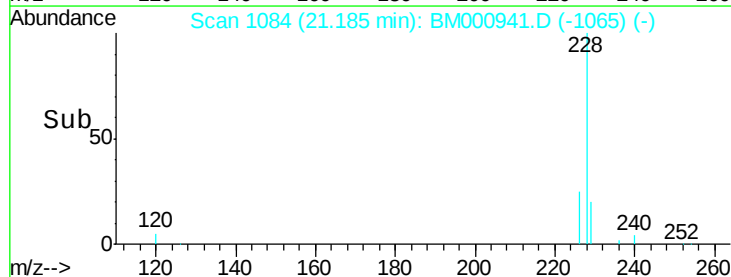
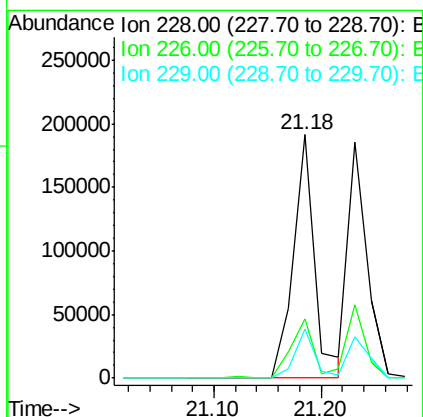
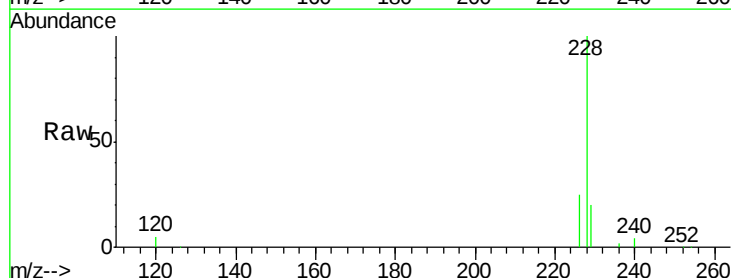
Instrument :
 BNA_M
 ClientSampleId :
 PB82531BS

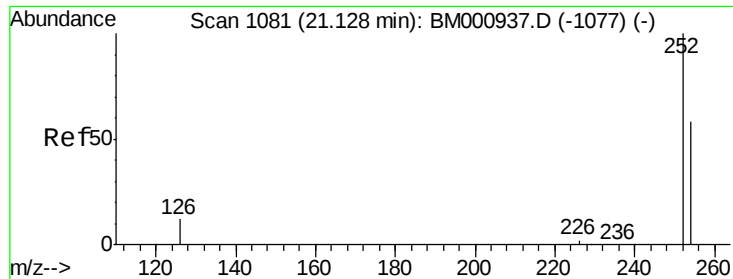
Tgt Ion:244 Resp: 116956
 Ion Ratio Lower Upper
 244 100
 212 7.2 9.4 14.0#
 122 1.1 20.9 31.3#



#34
 Benzo(a)anthracene
 Concen: 8.87 ng
 RT: 21.18 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BM000941.D
 Acq: 10 Apr 2015 16:14

Tgt Ion:228 Resp: 262080
 Ion Ratio Lower Upper
 228 100
 226 24.5 18.9 28.3
 229 20.3 16.8 25.2

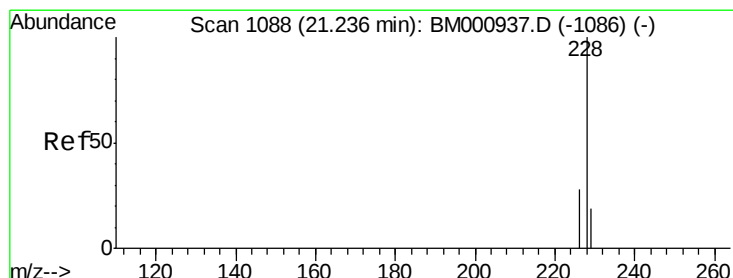
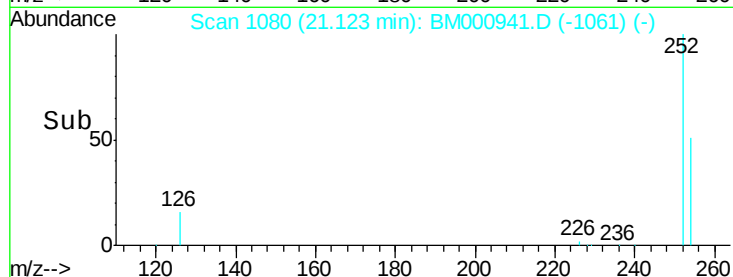
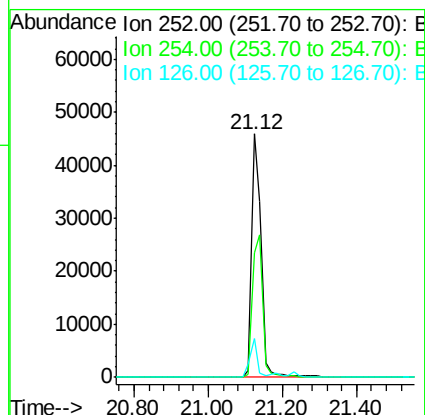
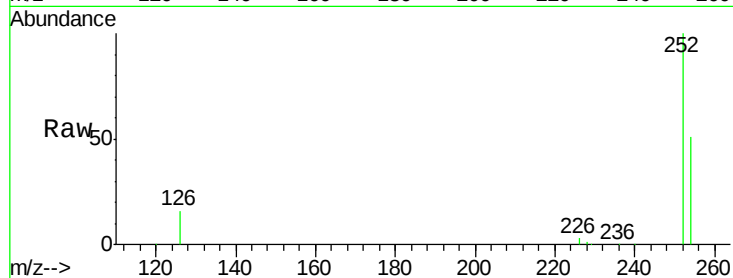




#35
 3,3'-Dichlorobenzidine
 Concen: 6.97 ng
 RT: 21.12 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BM000941.D
 Acq: 10 Apr 2015 16:14

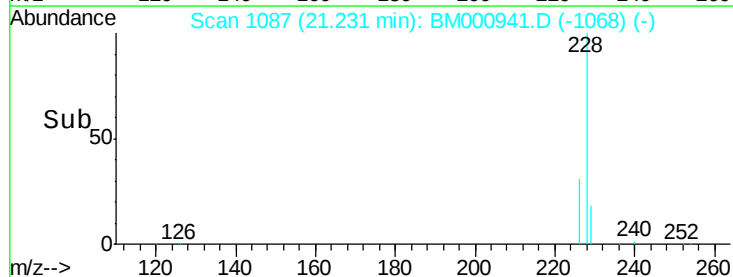
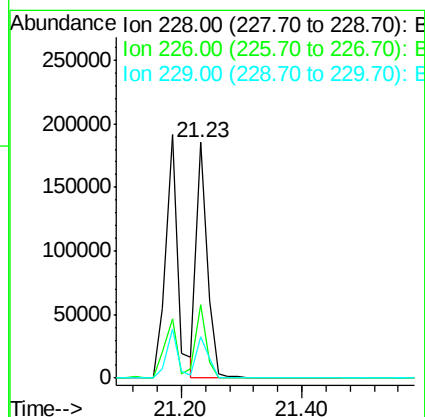
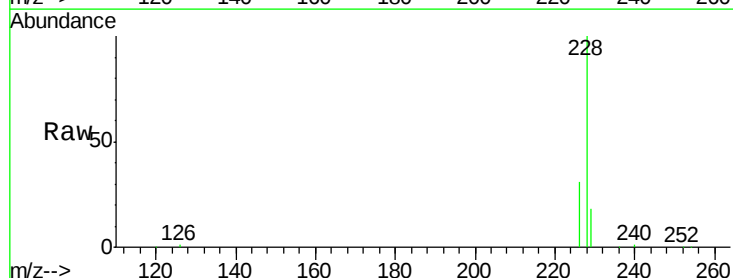
Instrument :
 BNA_M
 ClientSampleId :
 PB82531BS

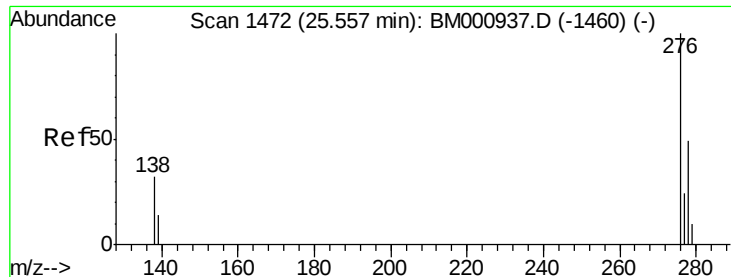
Tgt Ion: 252 Resp: 80276
 Ion Ratio Lower Upper
 252 100
 254 50.9 43.4 65.2
 126 16.0 12.3 18.5



#36
 Chrysene
 Concen: 7.75 ng
 RT: 21.23 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BM000941.D
 Acq: 10 Apr 2015 16:14

Tgt Ion: 228 Resp: 234378
 Ion Ratio Lower Upper
 228 100
 226 31.0 23.4 35.2
 229 17.7 15.0 22.6

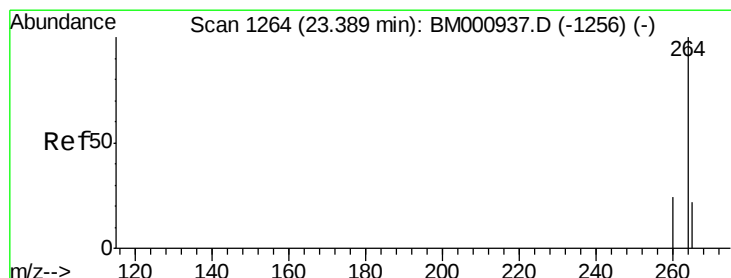
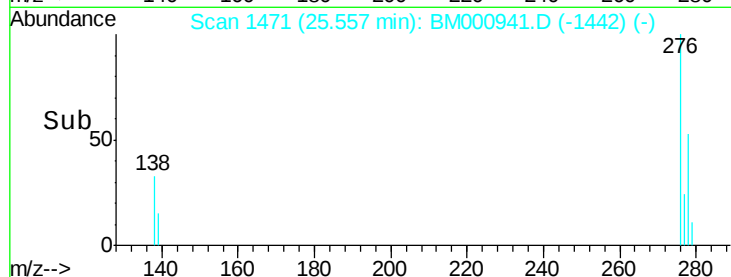
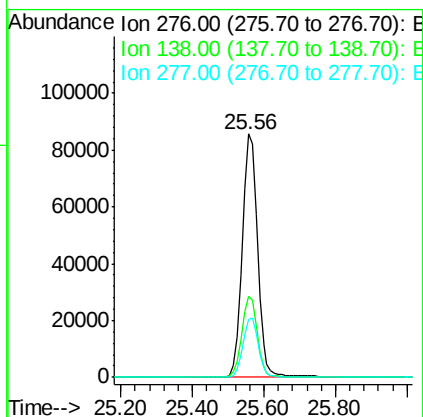
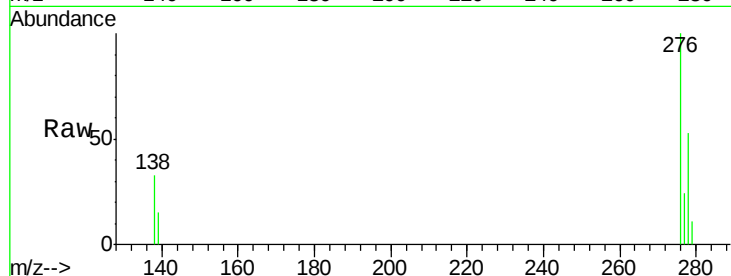




#37
 Indeno(1,2,3-cd)pyrene
 Concen: 8.13 ng
 RT: 25.56 min Scan# 1471
 Delta R.T. -0.00 min
 Lab File: BM000941.D
 Acq: 10 Apr 2015 16:14

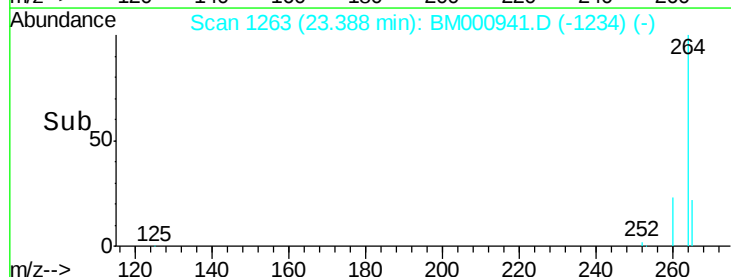
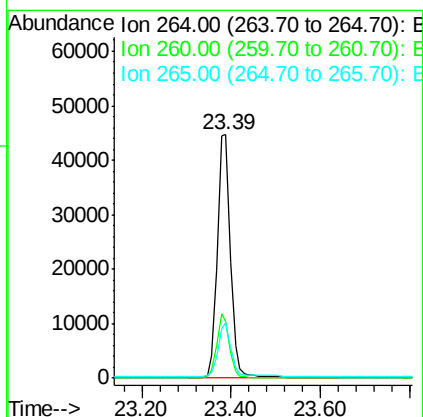
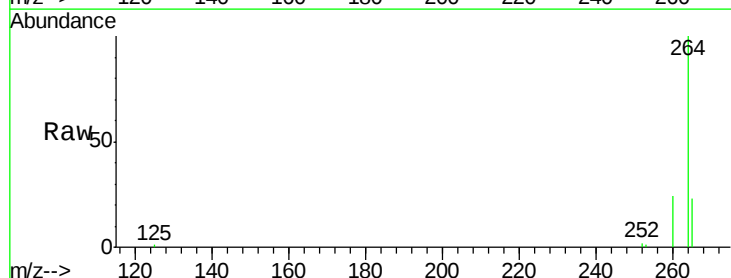
Instrument :
 BNA_M
 ClientSampleId :
 PB82531BS

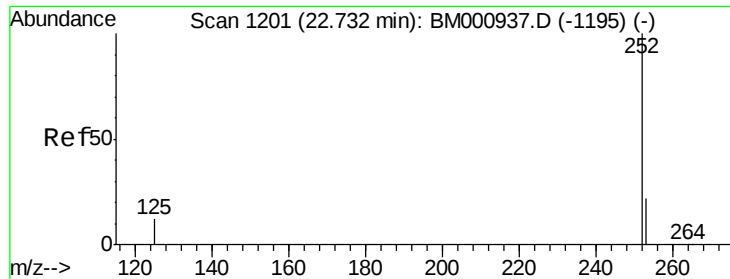
Tgt Ion: 276 Resp: 250832
 Ion Ratio Lower Upper
 276 100
 138 33.7 26.6 40.0
 277 24.6 19.8 29.6



#38
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.39 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BM000941.D
 Acq: 10 Apr 2015 16:14

Tgt Ion: 264 Resp: 91160
 Ion Ratio Lower Upper
 264 100
 260 23.5 20.6 30.8
 265 22.7 16.4 24.6





#39

Benzo(b)fluoranthene

Concen: 8.97 ng

RT: 22.73 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

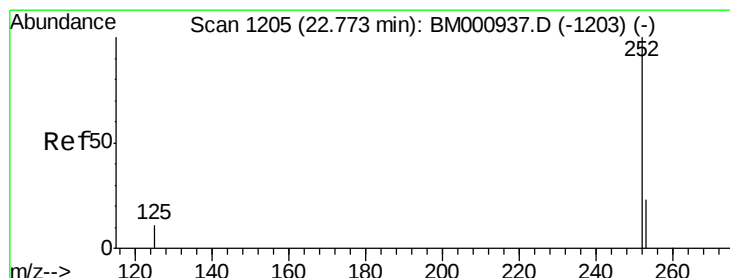
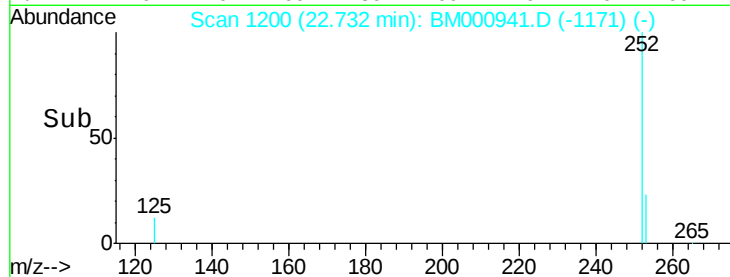
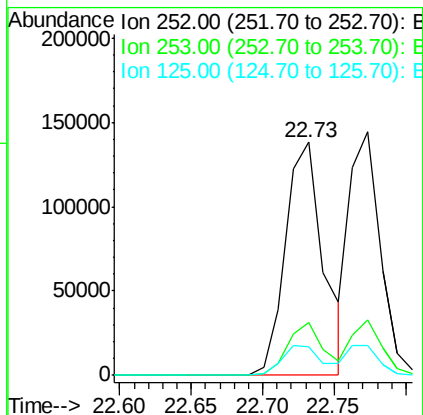
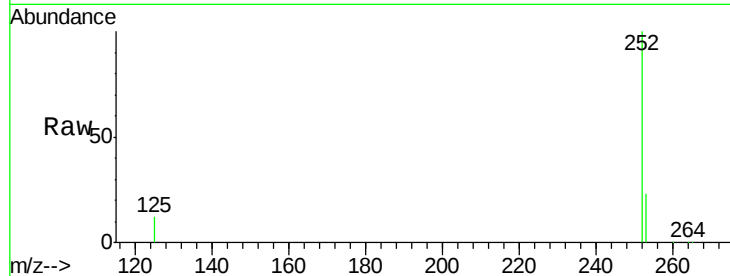
Instrument :

BNA_M

ClientSampleId :

PB82531BS

Tgt Ion:	252	Resp:	255867
Ion	Ratio	Lower	Upper
252	100		
253	22.7	16.9	25.3
125	12.1	11.3	16.9



#40

Benzo(k)fluoranthene

Concen: 8.07 ng

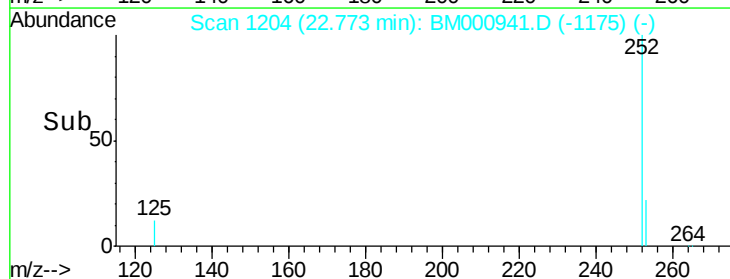
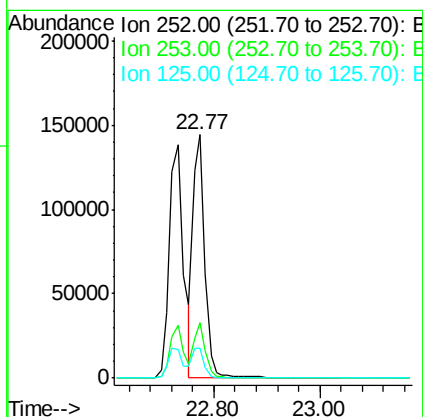
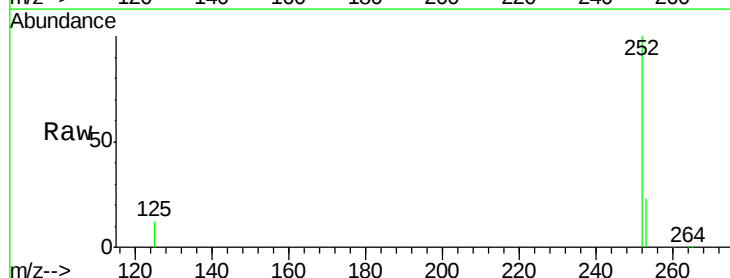
RT: 22.77 min Scan# 1204

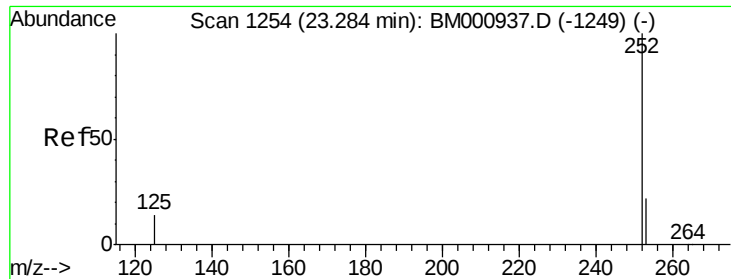
Delta R.T. -0.00 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Tgt Ion:	252	Resp:	221619
Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.9	25.3
125	12.2	11.2	16.8





#41

Benzo(a)pyrene

Concen: 8.99 ng

RT: 23.28 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Instrument :

BNA_M

ClientSampleId :

PB82531BS

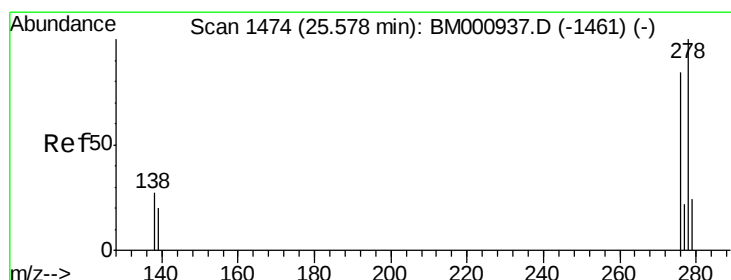
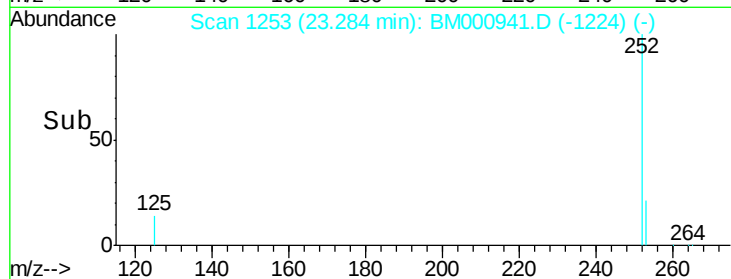
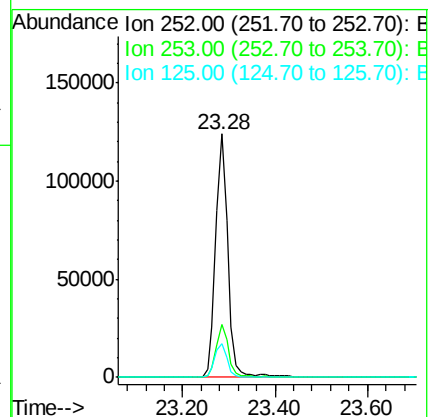
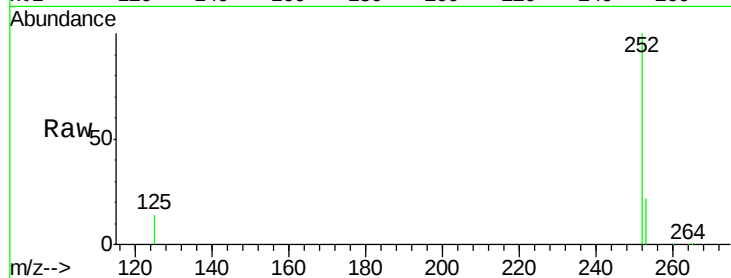
Tgt Ion: 252 Resp: 225948

Ion Ratio Lower Upper

252 100

253 21.6 19.0 28.4

125 14.0 11.0 16.6



#42

Dibenzo(a,h)anthracene

Concen: 8.64 ng

RT: 25.58 min Scan# 1473

Delta R.T. -0.00 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

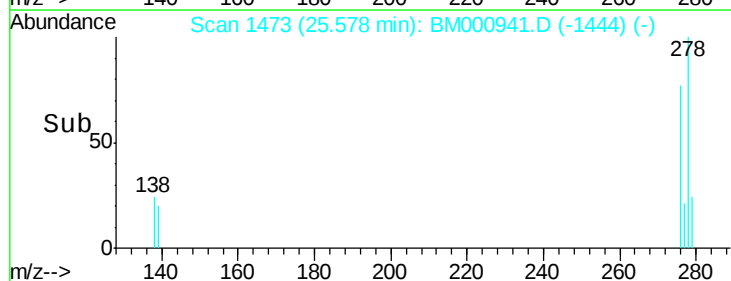
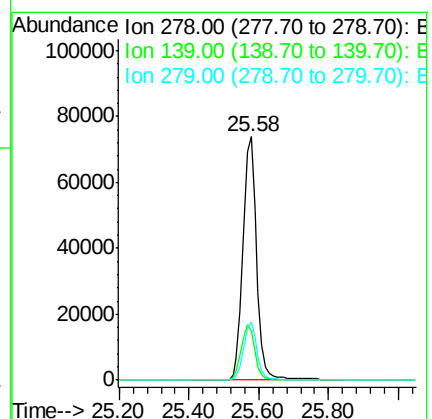
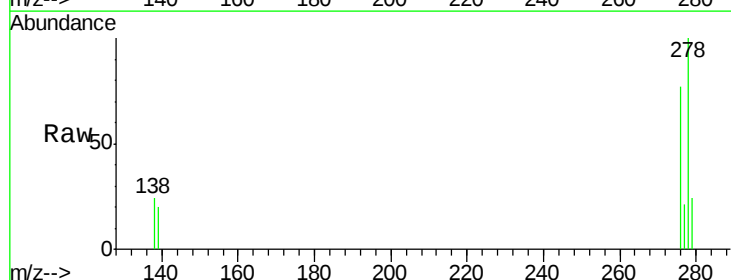
Tgt Ion: 278 Resp: 201311

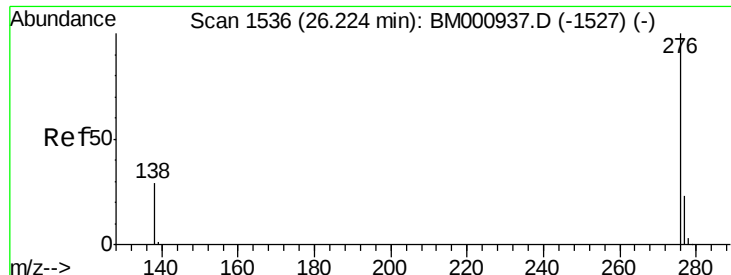
Ion Ratio Lower Upper

278 100

139 19.9 17.8 26.8

279 23.7 19.0 28.6





#43

Benzo(g,h,i)perylene

Concen: 8.39 ng

RT: 26.22 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BM000941.D

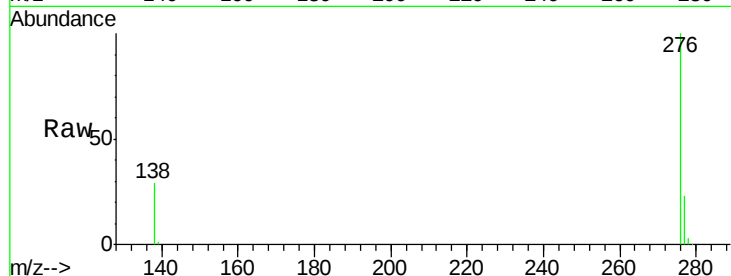
Acq: 10 Apr 2015 16:14

Instrument :

BNA_M

ClientSampleId :

PB82531BS



Tgt Ion: 276 Resp: 215768

Ion Ratio Lower Upper

276 100

277 23.0 19.4 29.0

138 29.3 21.7 32.5

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

