

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101515\
 Data File : BM002925.D
 Acq On : 15 Oct 2015 21:46
 Operator : UM/IZ
 Sample : G4018-06MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-104MSD

Quant Time: Oct 16 07:01:59 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM101515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 06:59:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	71824	5.00	ng	0.00
7) Naphthalene-d8	11.49	136	309949	5.00	ng	-0.01
13) Acenaphthene-d10	15.23	164	163722	5.00	ng	0.00
19) Phenanthrene-d10	17.95	188	418682	5.00	ng	-0.01
26) Chrysene-d12	22.03	240	348557	5.00	ng	-0.01
35) Perylene-d12	24.60	264	328053	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	6.12	112	40126	2.99	ng	-0.03
5) Phenol-d6	7.79	99	36259	2.12	ng	-0.02
8) Nitrobenzene-d5	9.85	82	57105	3.85	ng	-0.02
14) 2,4,6-Tribromophenol	16.71	330	60621	9.43	ng	0.00
15) 2-Fluorobiphenyl	13.87	172	206966	3.95	ng	0.00
29) Terphenyl-d14	20.48	244	247027	4.73	ng	-0.01

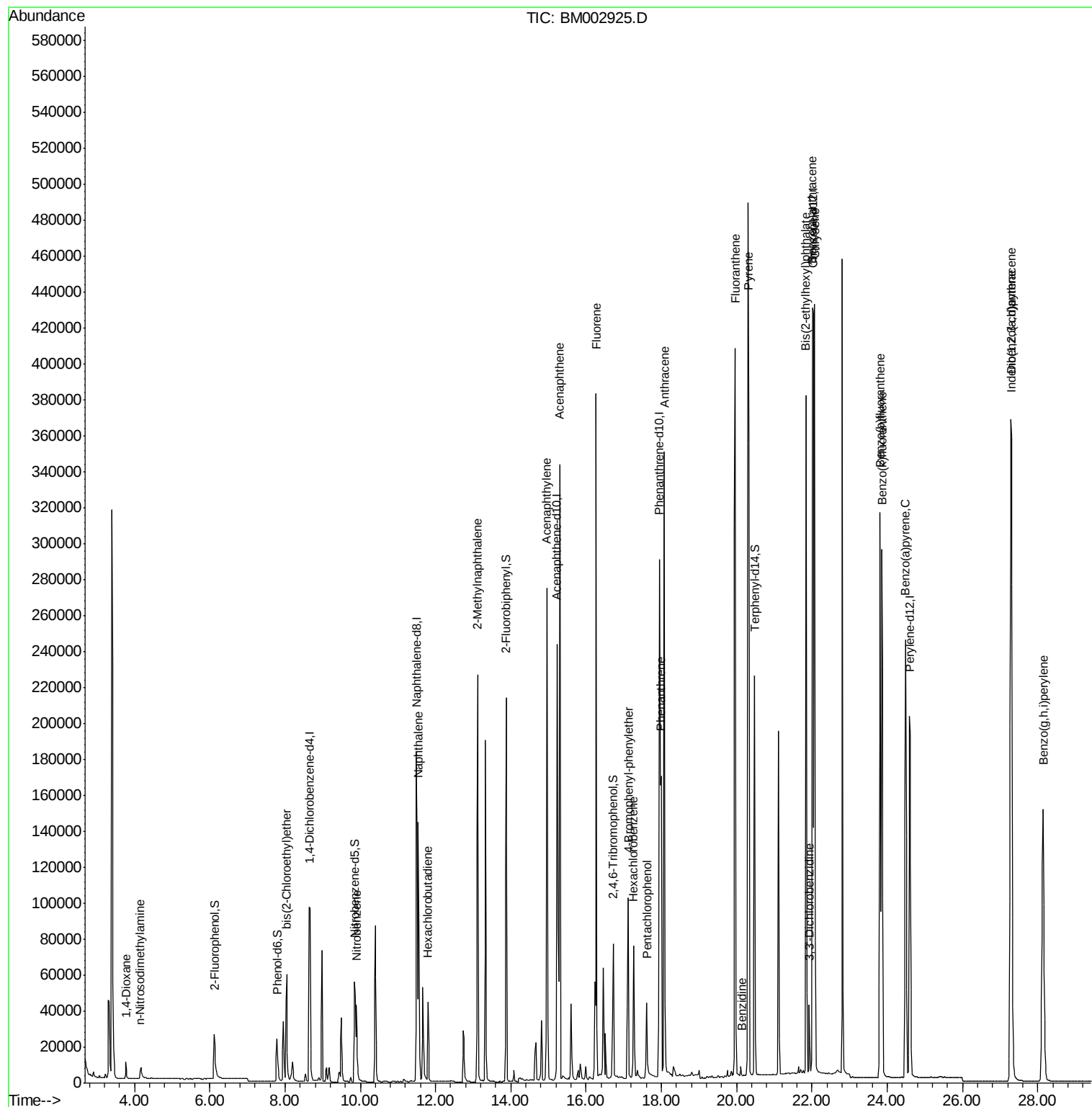
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.77	88	8215	1.25	ng	99
3) n-Nitrosodimethylamine	4.16	42	7094	1.39	ng	99
6) bis(2-Chloroethyl)ether	8.04	93	58774	3.59	ng	96
9) Nitrobenzene	9.90	77	60765	3.86	ng	99
10) Naphthalene	11.54	128	231539	3.36	ng	97
11) Hexachlorobutadiene	11.80	225	33130	2.98	ng	100
12) 2-Methylnaphthalene	13.11	142	172069	3.71	ng	97
16) Acenaphthylene	14.96	152	331197	4.63	ng	100
17) Acenaphthene	15.29	154	197061	4.02	ng	# 100
18) Fluorene	16.27	166	270926	4.63	ng	100
20) 4-Bromophenyl-phenylether	17.13	248	70629	4.07	ng	# 50
21) Hexachlorobenzene	17.26	284	72621	4.33	ng	# 74
22) Pentachlorophenol	17.61	266	41719	21.10	ng	91
23) Phenanthrene	18.00	178	370155	3.79	ng	# 77
24) Anthracene	18.07	178	452439	4.87	ng	98
25) Fluoranthene	19.96	202	510137	4.73	ng	100
27) Benzidine	20.13	184	619	0.16	ng	# 1
28) Pyrene	20.30	202	594526	5.78	ng	99
30) Benzo(a)anthracene	22.01	228	483906	4.81	ng	# 90
31) 3,3'-Dichlorobenzidine	21.93	252	40693	1.19	ng	# 85
32) Chrysene	22.07	228	414170	4.40	ng	92
33) Bis(2-ethylhexyl)phthalate	21.85	149	407548	5.23	ng	# 92
34) Indeno(1,2,3-cd)pyrene	27.30	276	448861	4.63	ng	100
36) Benzo(b)fluoranthene	23.81	252	470917	5.00	ng	98
37) Benzo(k)fluoranthene	23.86	252	399852	4.34	ng	98
38) Benzo(a)pyrene	24.48	252	403225	4.84	ng	98
39) Dibenzo(a,h)anthracene	27.29	278	368060	4.62	ng	99
40) Benzo(g,h,i)perylene	28.14	276	372229	4.47	ng	99

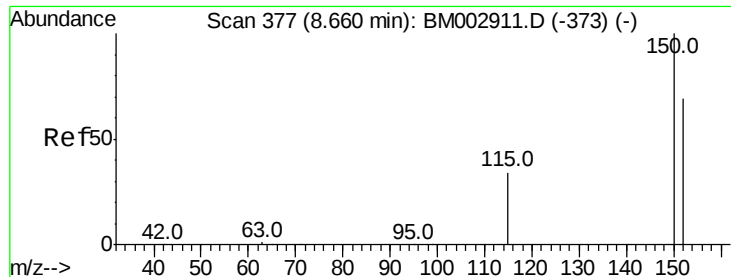
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.66 min Scan# 377

Delta R.T. 0.00 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MSD

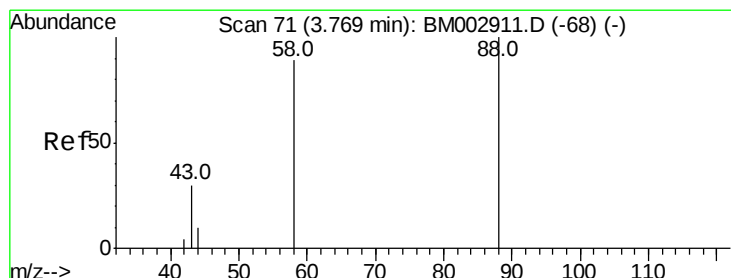
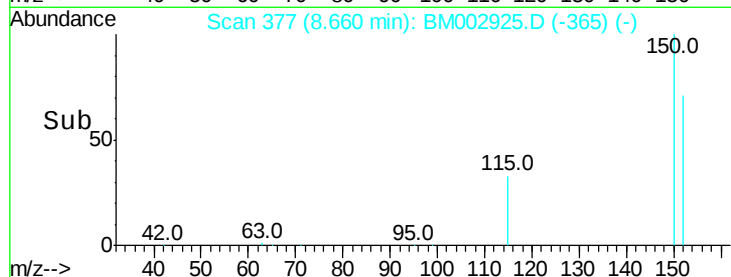
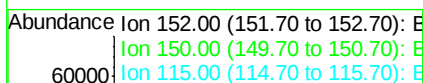
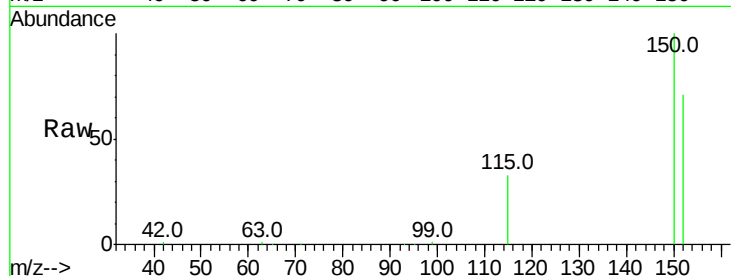
Tot Ion:152 Resp: 71824

Ion Ratio Lower Upper

152 100

150 140.2 113.0 169.6

115 46.6 37.9 56.9



#2

1,4-Dioxane

Concen: 1.25 ng

RT: 3.77 min Scan# 71

Delta R.T. 0.00 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

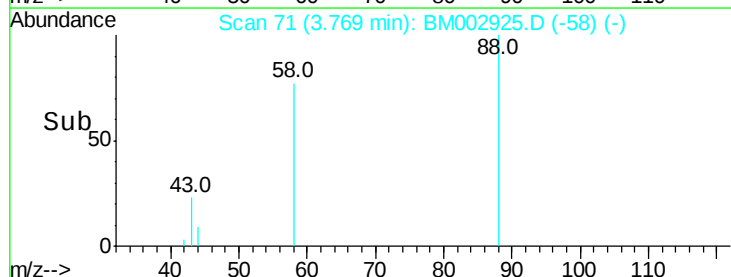
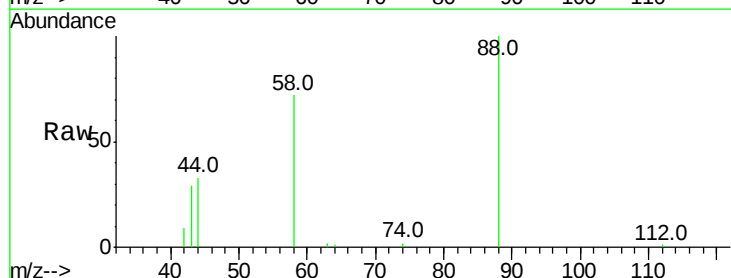
Tgt Ion: 88 Resp: 8215

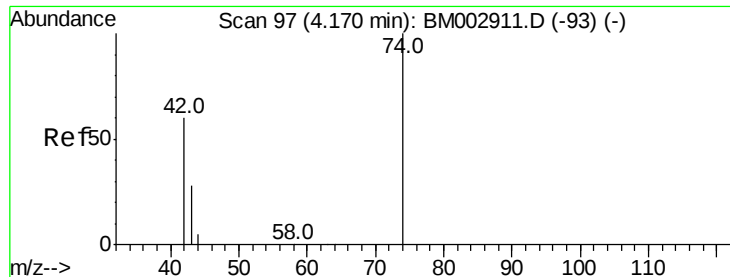
Ion Ratio Lower Upper

88 100

58 70.9 56.7 85.1

43 26.3 22.0 33.0



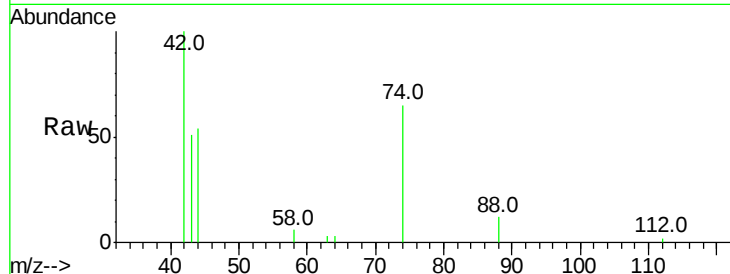


#3

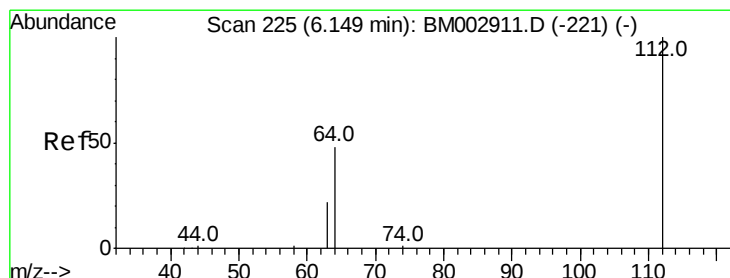
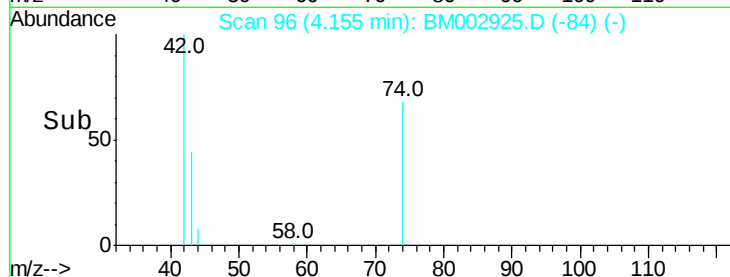
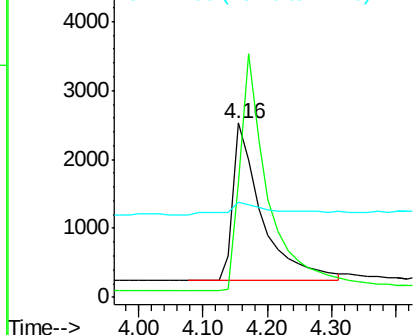
n-Nitrosodimethylamine
 Concen: 1.39 ng
 RT: 4.16 min Scan# 96
 Delta R.T. -0.02 min
 Lab File: BM002925.D
 Acq: 15 Oct 2015 21:46

Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-104MSD

Tot Ion: 42 Resp: 7094
 Ion Ratio Lower Upper
 42 100
 74 148.4 119.7 179.5
 44 11.8 9.8 14.6



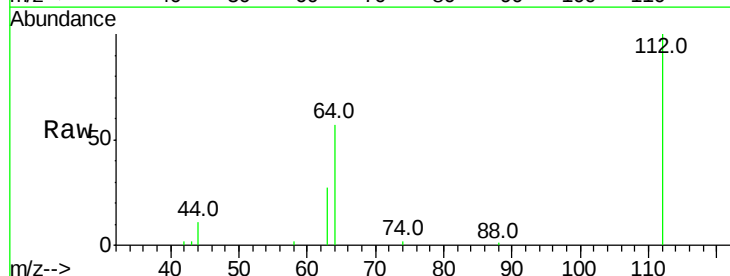
Abundance Ion 42.00 (41.70 to 42.70): BM0
 Ion 74.00 (73.70 to 74.70): BM0
 Ion 44.00 (43.70 to 44.70): BM0



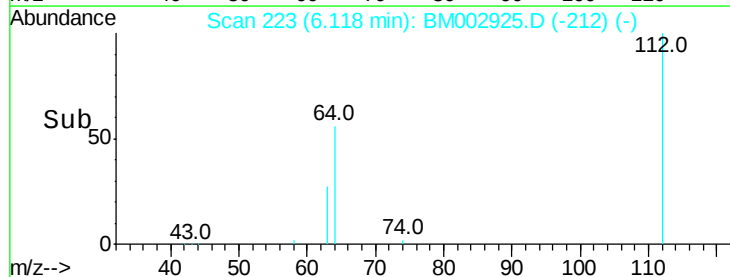
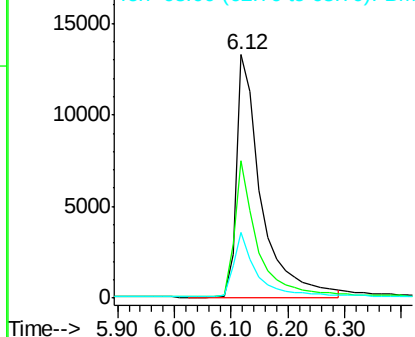
#4

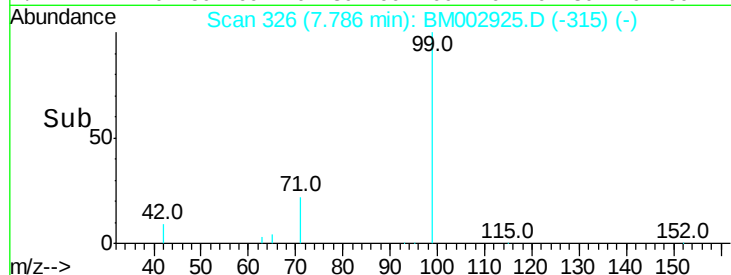
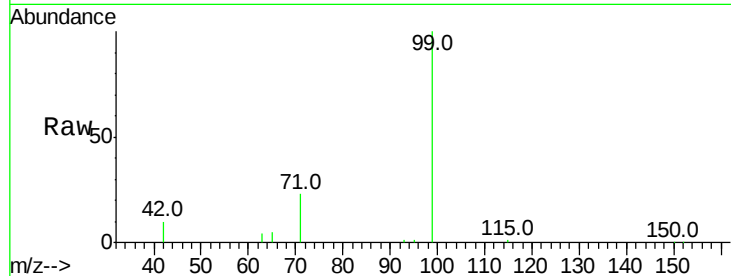
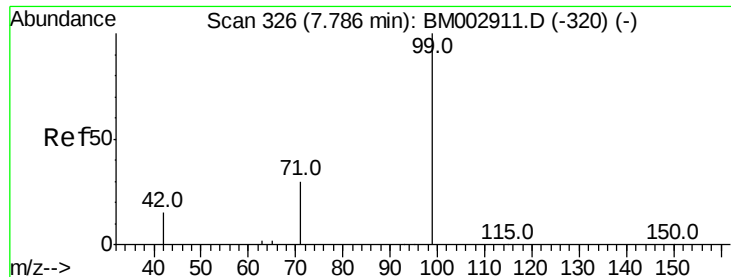
2-Fluorophenol
 Concen: 2.99 ng
 RT: 6.12 min Scan# 223
 Delta R.T. -0.03 min
 Lab File: BM002925.D
 Acq: 15 Oct 2015 21:46

Tgt Ion: 112 Resp: 40126
 Ion Ratio Lower Upper
 112 100
 64 51.9 42.0 63.0
 63 24.8 20.0 30.0



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: 2.12 ng

RT: 7.79 min Scan# 326

Delta R.T. -0.02 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MSD

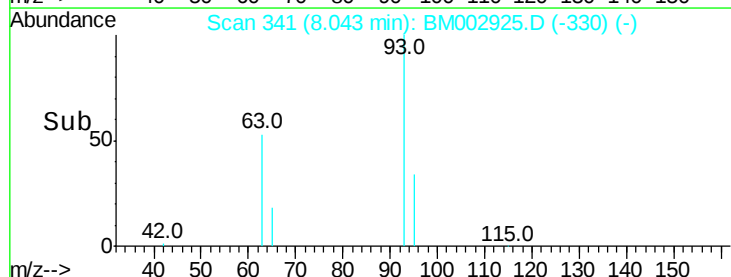
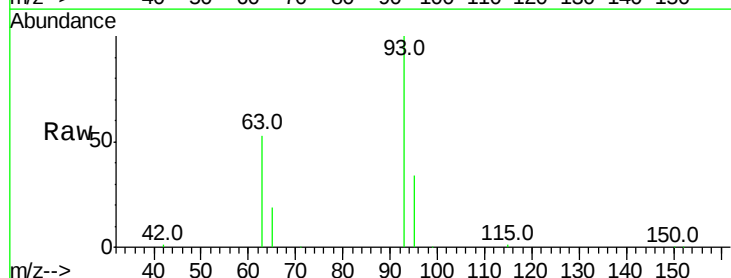
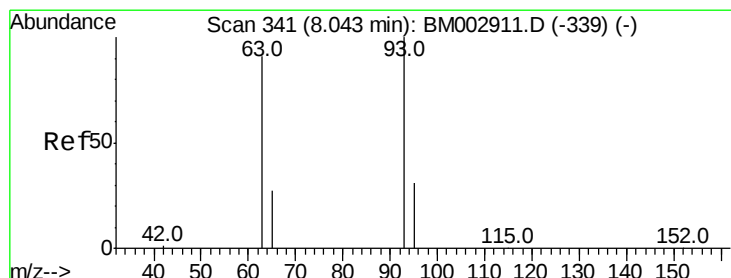
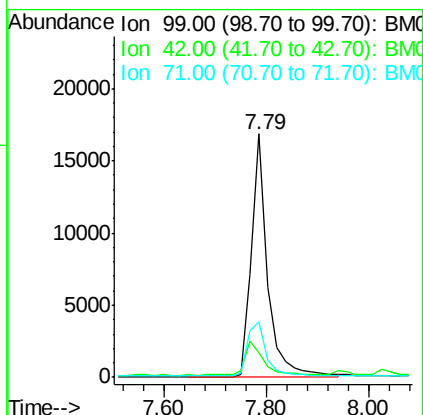
Tot Ion: 99 Resp: 36259

Ion Ratio Lower Upper

99 100

42 15.7 12.4 18.6

71 26.9 21.4 32.0



#6

bis(2-Chloroethyl)ether

Concen: 3.59 ng

RT: 8.04 min Scan# 341

Delta R.T. -0.02 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

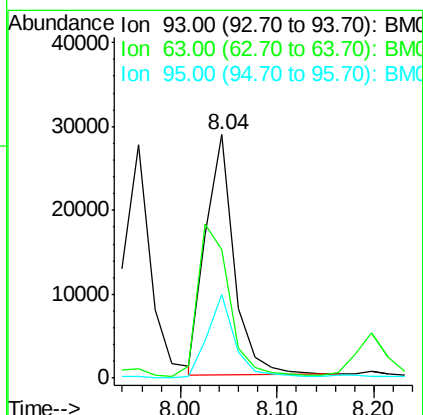
Tgt Ion: 93 Resp: 58774

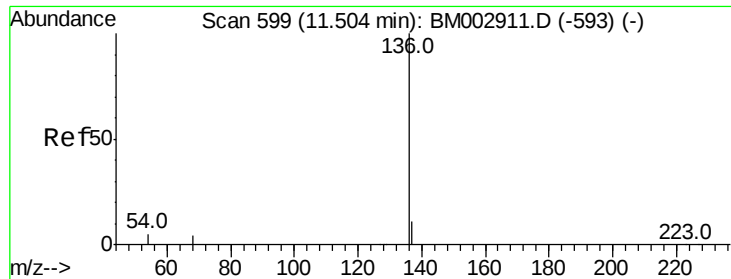
Ion Ratio Lower Upper

93 100

63 70.3 52.9 79.3

95 32.8 25.2 37.8





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 11.49 min Scan# 599

Delta R.T. -0.01 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MSD

Tot Ion:136 Resp: 309949

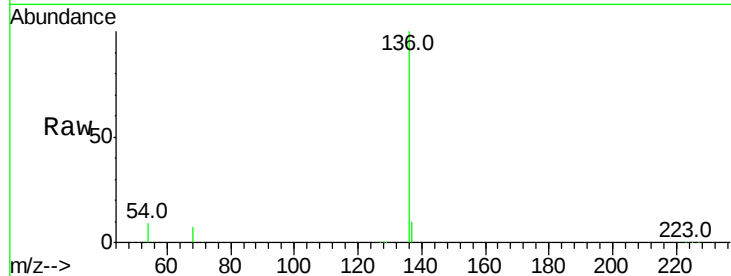
Ion Ratio Lower Upper

136 100

137 10.2 9.1 13.7

54 8.9 3.5 5.3#

68 7.4 3.3 4.9#

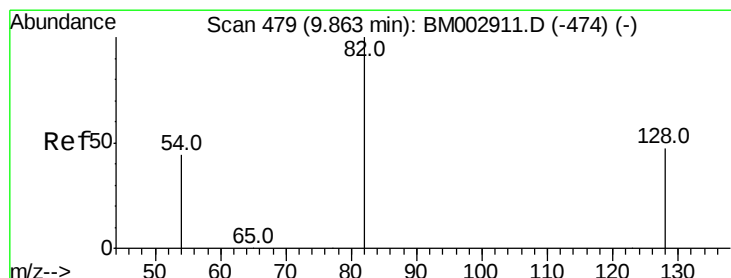
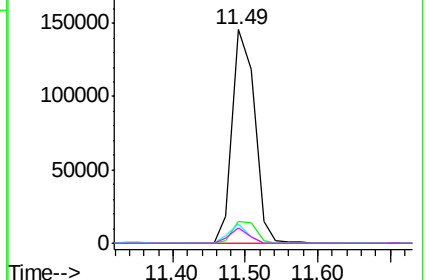
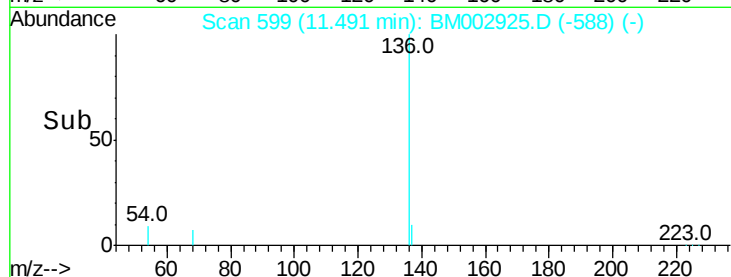


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#8

Nitrobenzene-d5

Concen: 3.85 ng

RT: 9.85 min Scan# 478

Delta R.T. -0.02 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

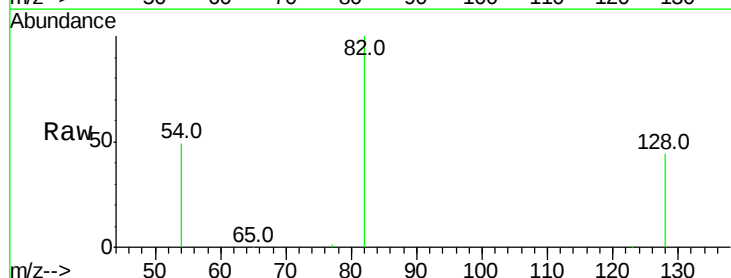
Tgt Ion: 82 Resp: 57105

Ion Ratio Lower Upper

82 100

128 43.5 34.1 51.1

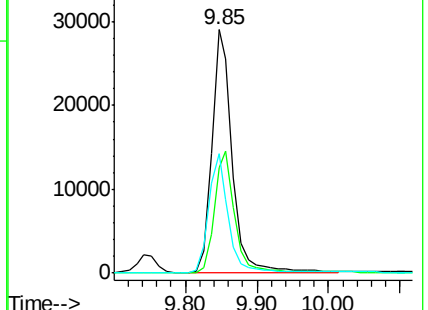
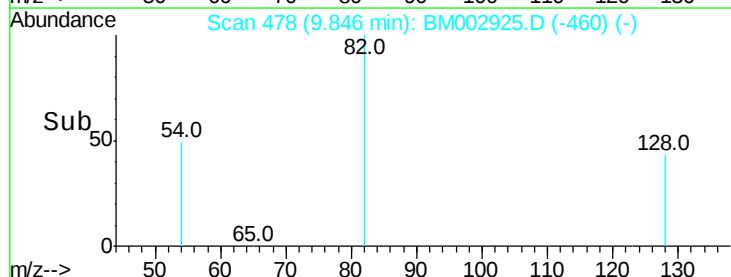
54 49.3 42.6 63.8

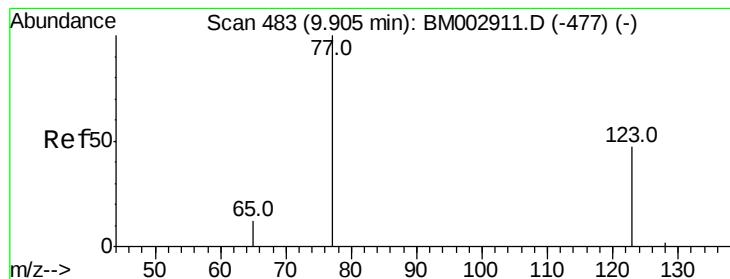


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 3.86 ng

RT: 9.90 min Scan# 483

Delta R.T. -0.02 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

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ClientSampleId :

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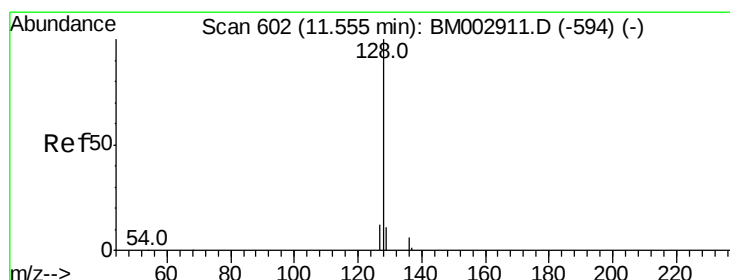
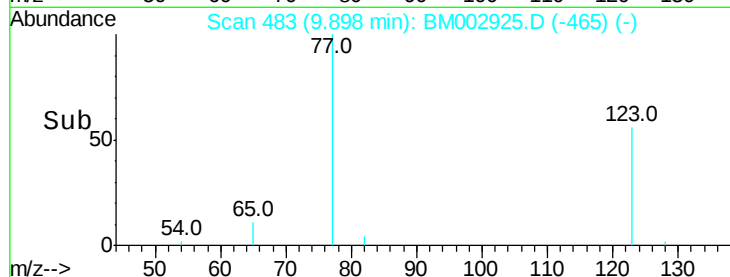
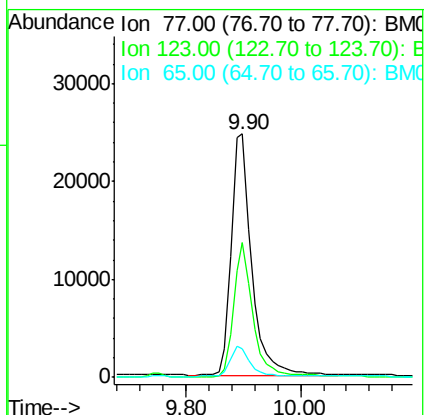
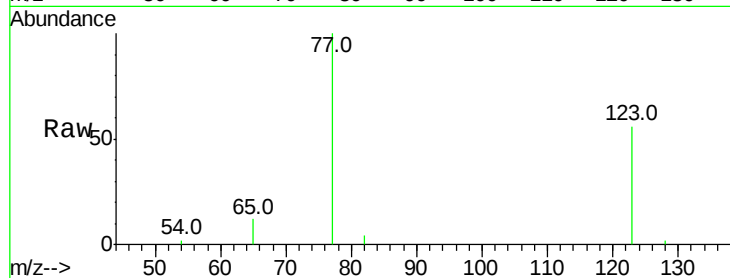
Tot Ion: 77 Resp: 60765

Ion Ratio Lower Upper

77 100

123 52.4 41.0 61.4

65 12.3 9.7 14.5



#10

Naphthalene

Concen: 3.36 ng

RT: 11.54 min Scan# 602

Delta R.T. -0.01 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

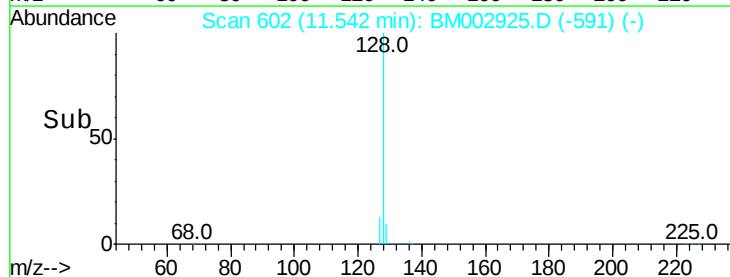
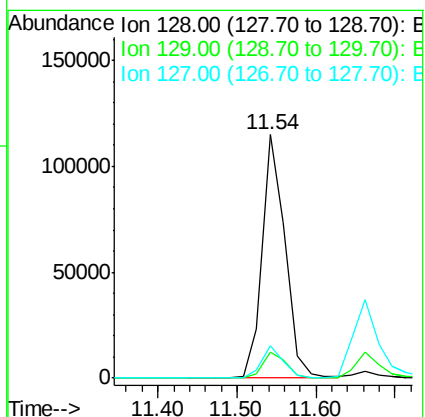
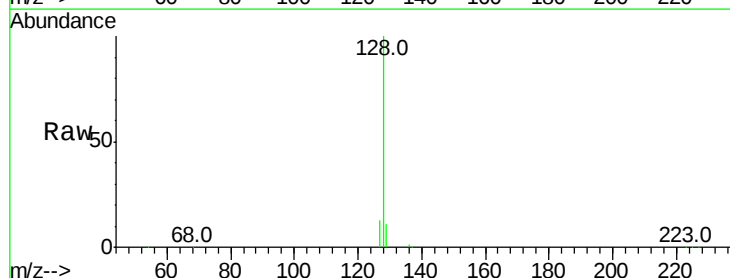
Tgt Ion: 128 Resp: 231539

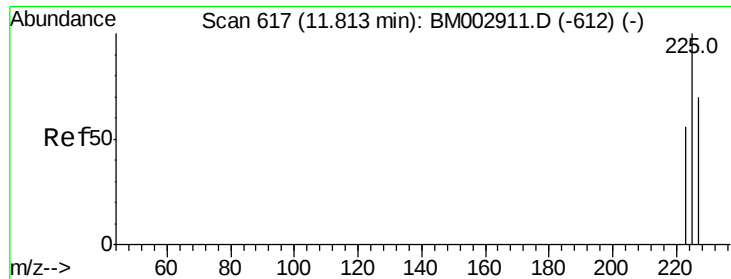
Ion Ratio Lower Upper

128 100

129 10.5 9.4 14.2

127 13.3 9.6 14.4

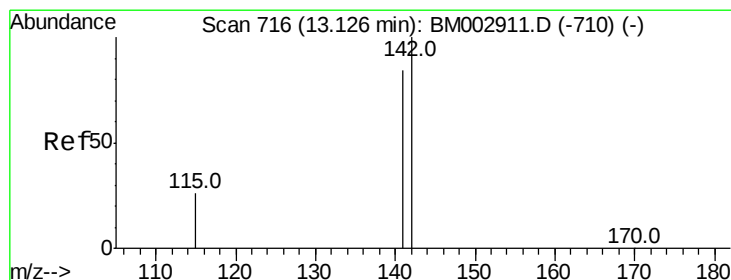
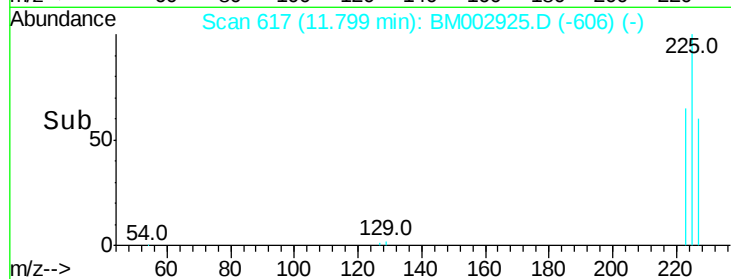
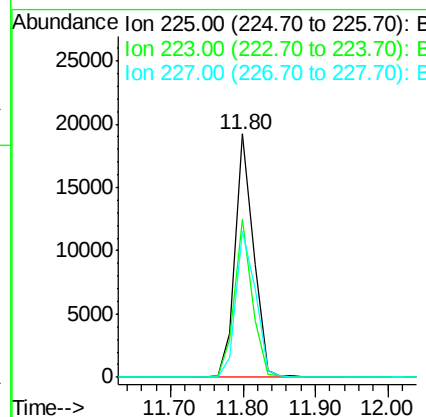
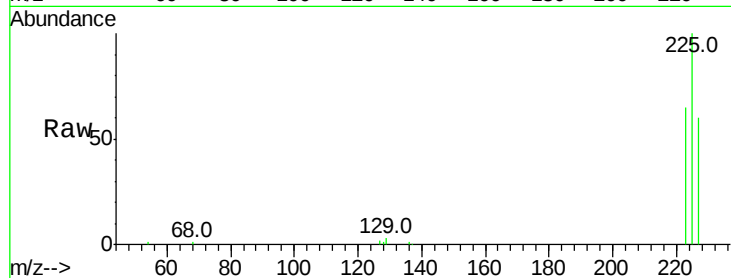




#11
Hexachlorobutadiene
Concen: 2.98 ng
RT: 11.80 min Scan# 617
Delta R.T. -0.01 min
Lab File: BM002925.D
Acq: 15 Oct 2015 21:46

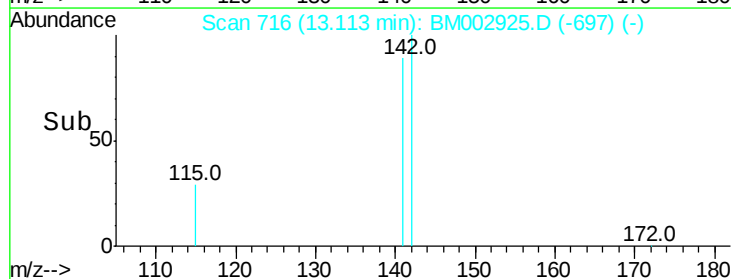
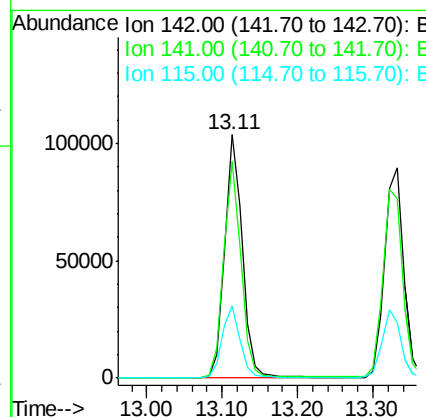
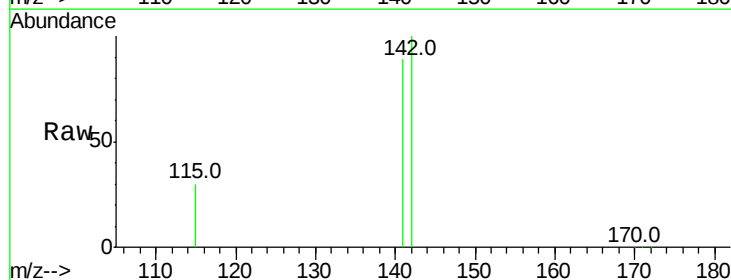
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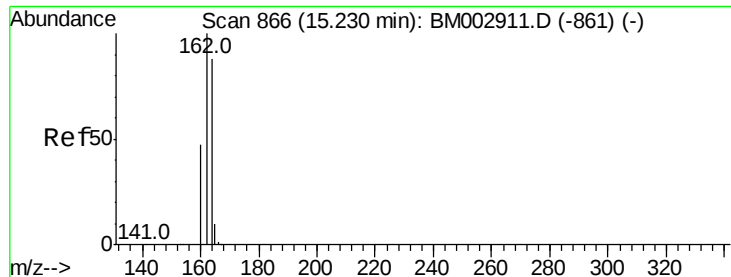
Tot Ion:225 Resp: 33130
Ion Ratio Lower Upper
225 100
223 62.7 50.1 75.1
227 63.9 51.2 76.8



#12
2-Methylnaphthalene
Concen: 3.71 ng
RT: 13.11 min Scan# 716
Delta R.T. -0.01 min
Lab File: BM002925.D
Acq: 15 Oct 2015 21:46

Tgt Ion:142 Resp: 172069
Ion Ratio Lower Upper
142 100
141 89.2 69.4 104.0
115 29.6 22.7 34.1





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 15.23 min Scan# 867

Delta R.T. -0.01 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MSD

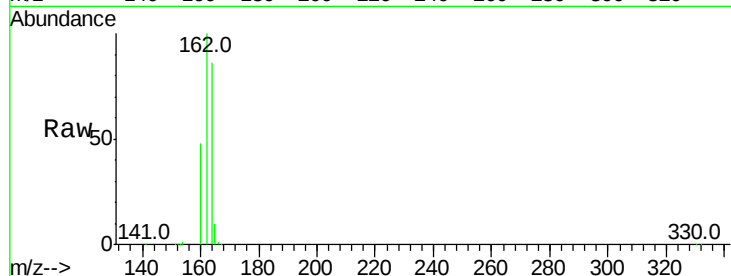
Tot Ion:164 Resp: 163722

Ion Ratio Lower Upper

164 100

162 116.2 79.6 119.4

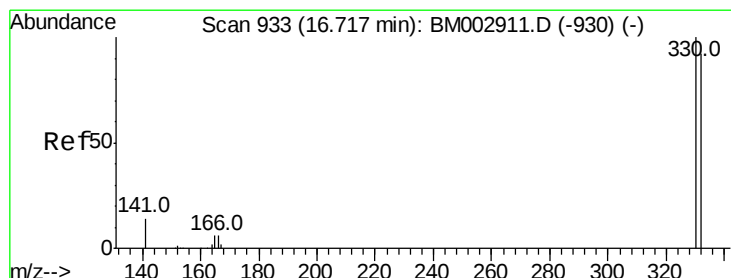
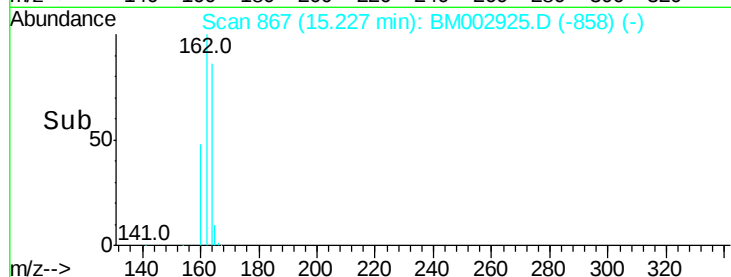
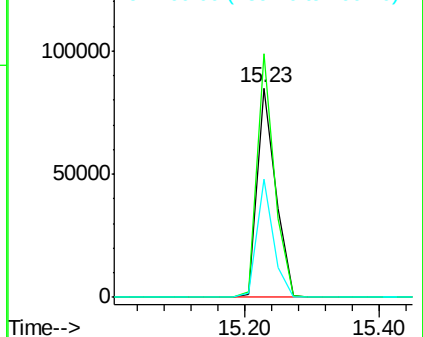
160 56.3 33.1 49.7#



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



#14

2,4,6-Tribromophenol

Concen: 9.43 ng

RT: 16.71 min Scan# 934

Delta R.T. -0.01 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

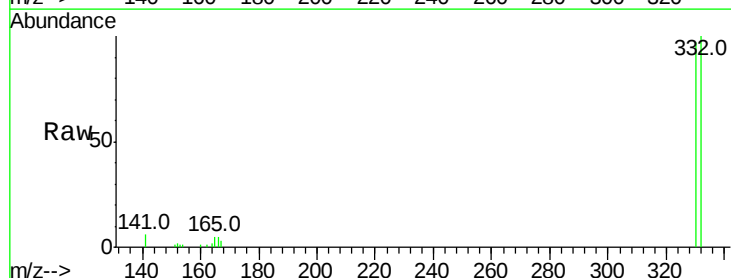
Tgt Ion:330 Resp: 60621

Ion Ratio Lower Upper

330 100

332 98.5 76.6 115.0

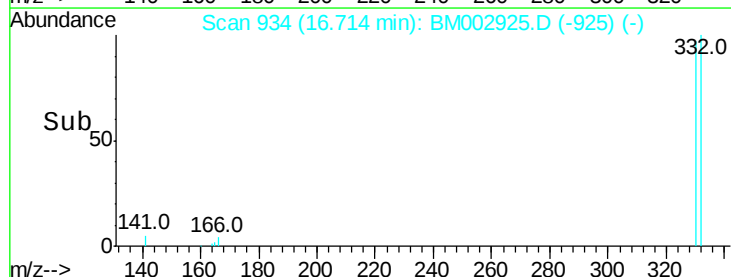
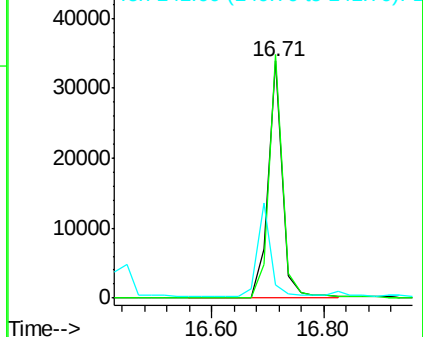
141 0.0 0.0 0.0

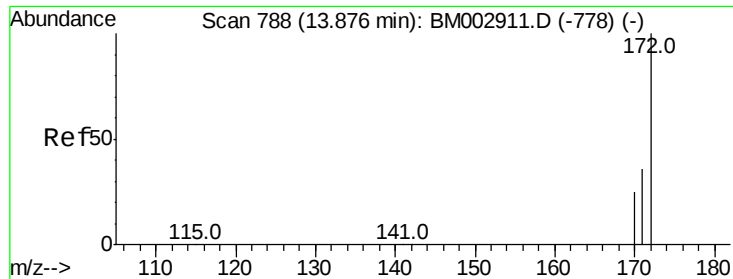


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

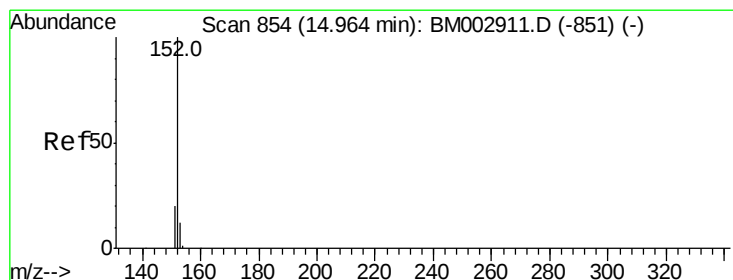
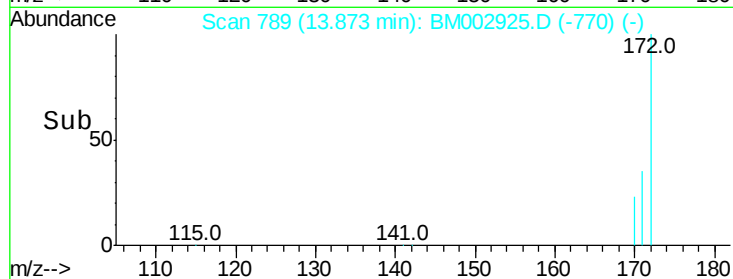
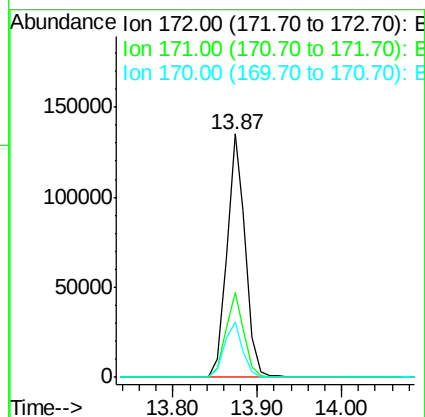
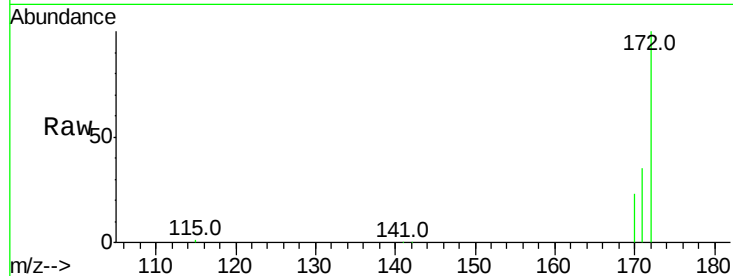




#15
2-Fluorobiphenyl
Concen: 3.95 ng
RT: 13.87 min Scan# 789
Delta R.T. -0.01 min
Lab File: BM002925.D
Acq: 15 Oct 2015 21:46

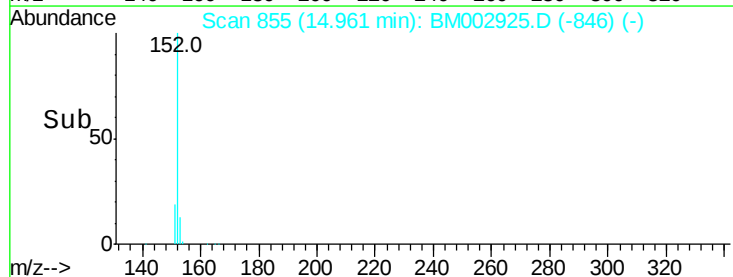
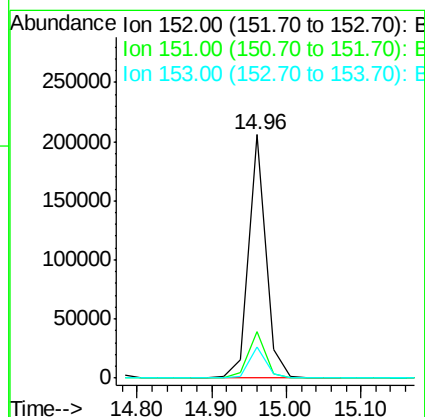
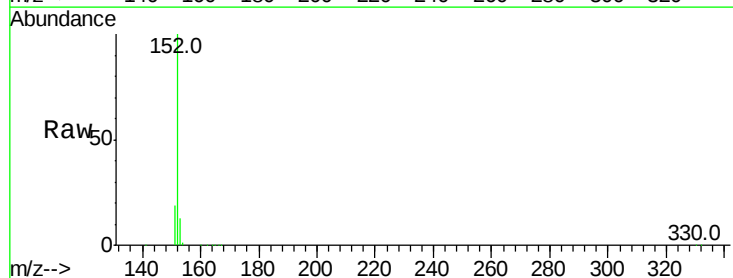
Instrument :
BNA_M
ClientSampleId :
RAV-GT-104MSD

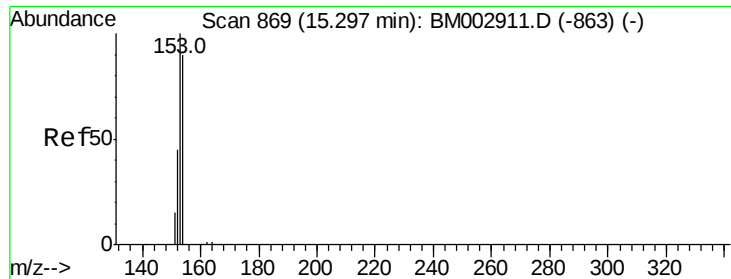
Tot Ion:172 Resp: 206966
Ion Ratio Lower Upper
172 100
171 35.0 26.1 39.1
170 22.7 15.7 23.5



#16
Acenaphthylene
Concen: 4.63 ng
RT: 14.96 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM002925.D
Acq: 15 Oct 2015 21:46

Tgt Ion:152 Resp: 331197
Ion Ratio Lower Upper
152 100
151 19.2 15.3 22.9
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 4.02 ng

RT: 15.29 min Scan# 870

Delta R.T. -0.01 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MSD

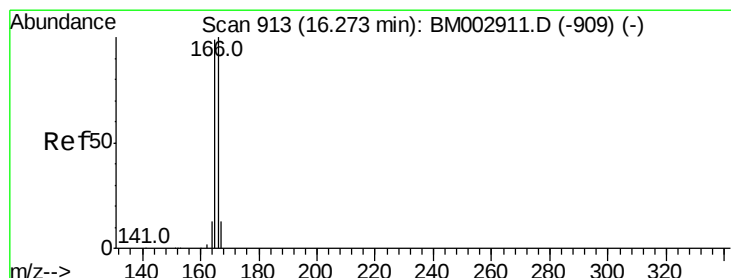
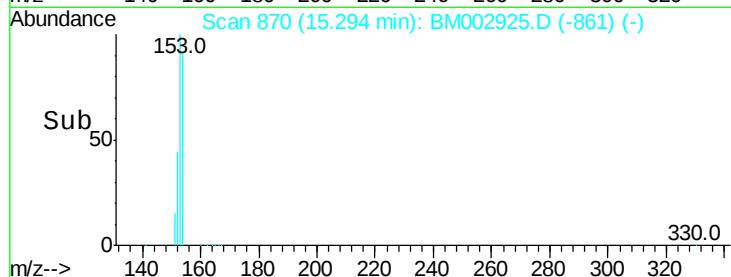
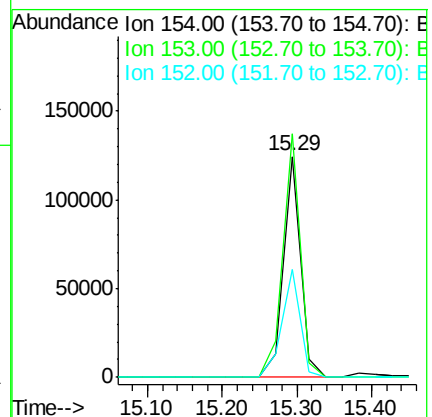
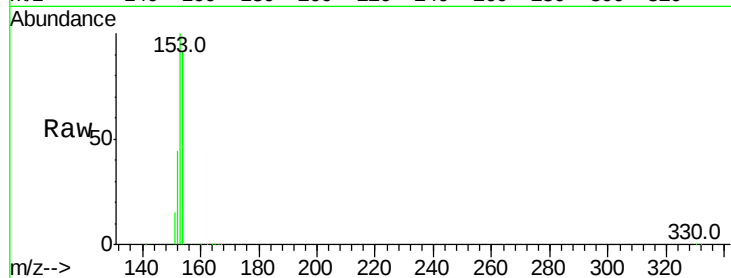
Tot Ion:154 Resp: 197061

Ion Ratio Lower Upper

154 100

153 112.5 0.0 0.0#

152 51.9 0.0 0.0#



#18

Fluorene

Concen: 4.63 ng

RT: 16.27 min Scan# 914

Delta R.T. -0.01 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

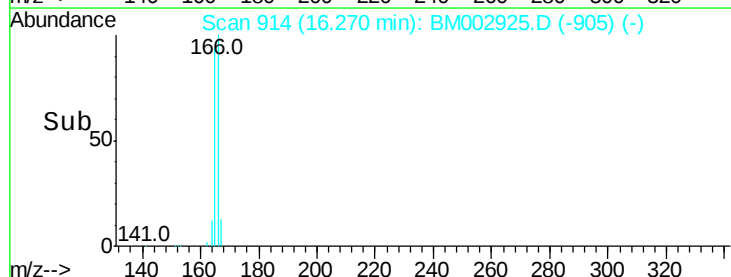
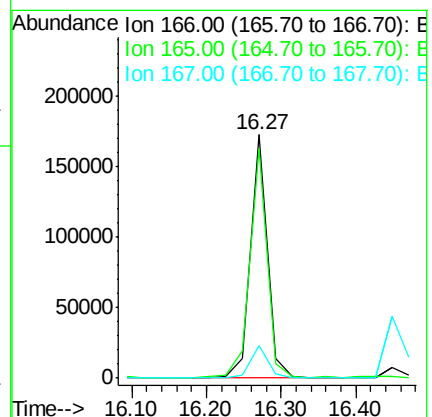
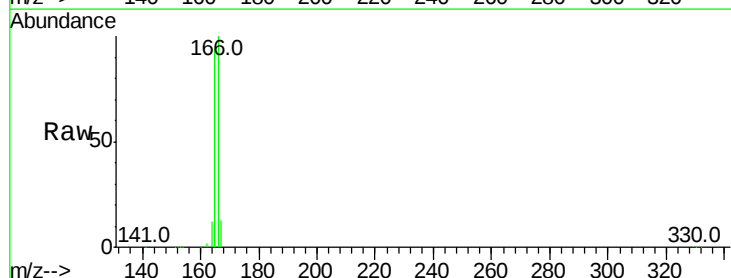
Tgt Ion:166 Resp: 270926

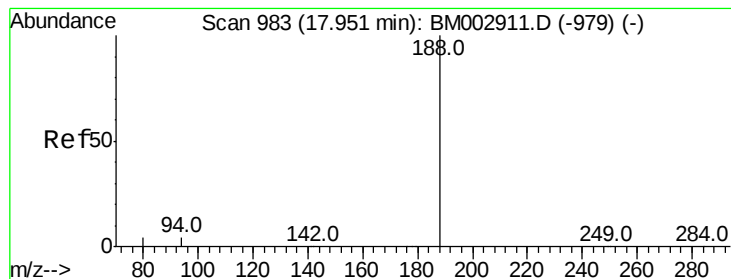
Ion Ratio Lower Upper

166 100

165 96.1 77.3 115.9

167 13.5 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.95 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MSD

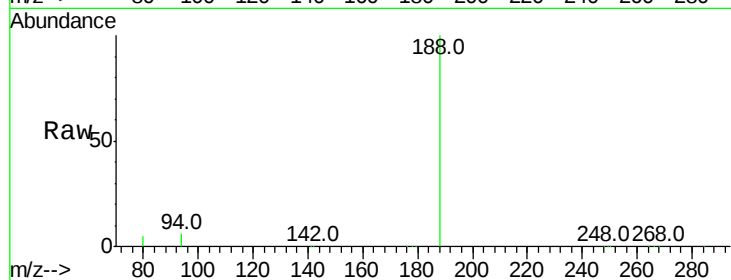
Tot Ion:188 Resp: 418682

Ion Ratio Lower Upper

188 100

94 6.2 15.2 22.8#

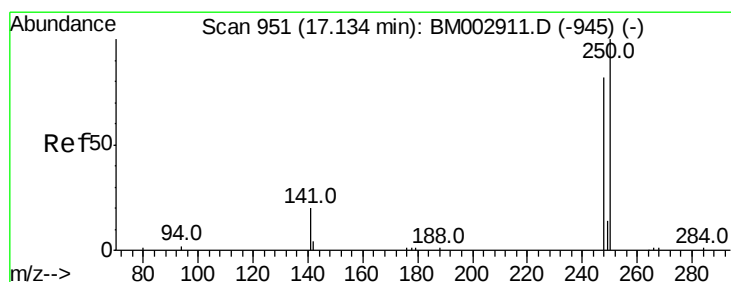
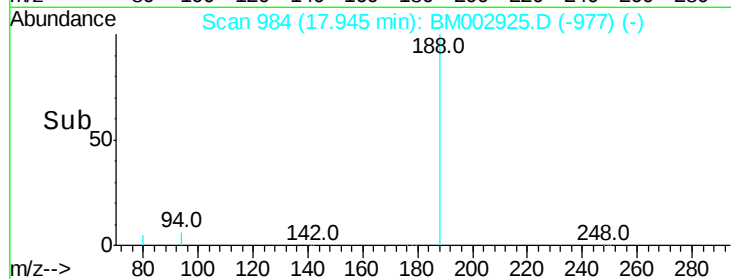
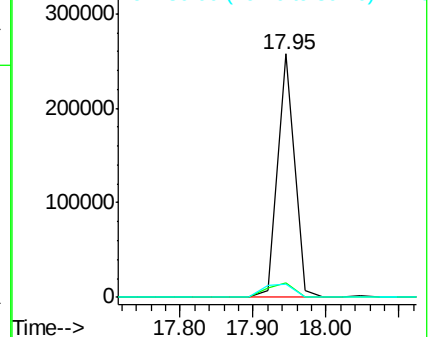
80 5.5 15.9 23.9#



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



#20

4-Bromophenyl-phenylether

Concen: 4.07 ng

RT: 17.13 min Scan# 952

Delta R.T. -0.01 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

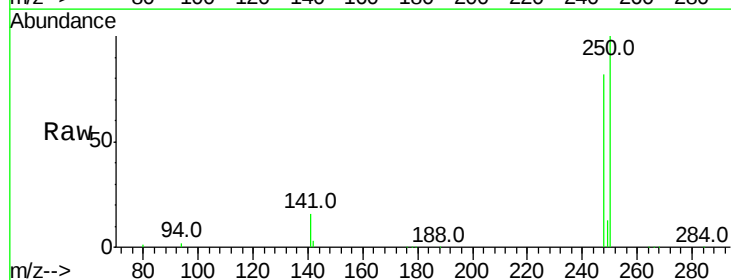
Tgt Ion:248 Resp: 70629

Ion Ratio Lower Upper

248 100

250 111.2 71.4 107.2#

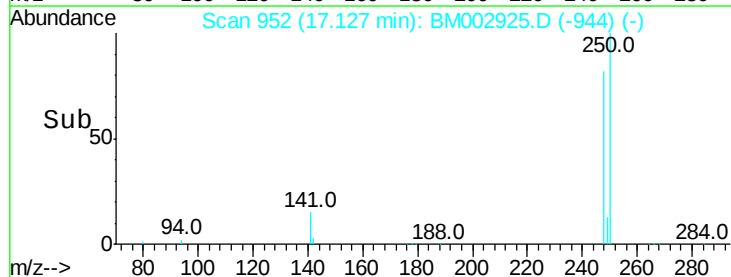
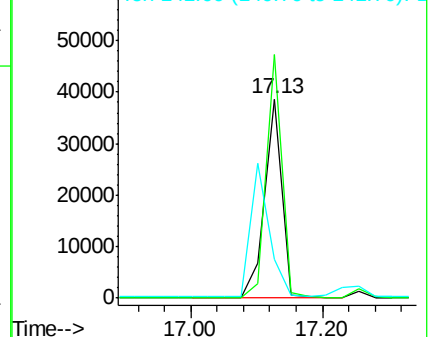
141 0.0 54.6 82.0#

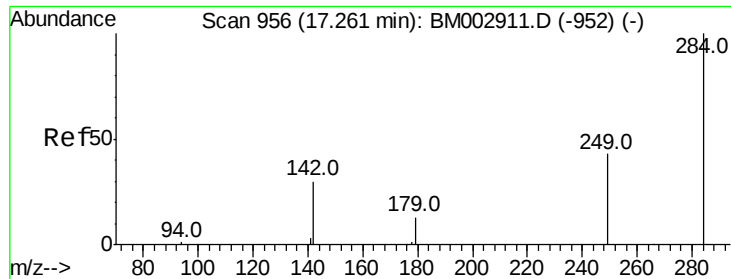


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

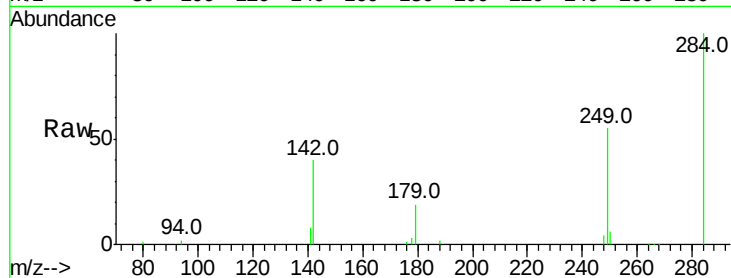




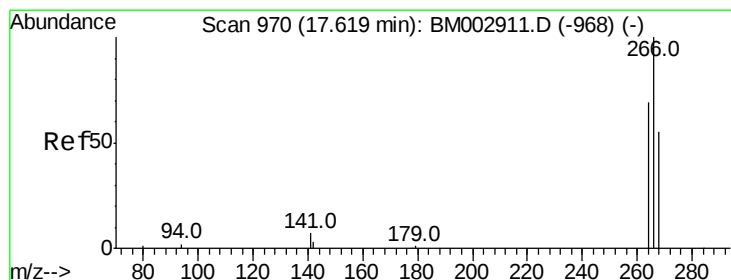
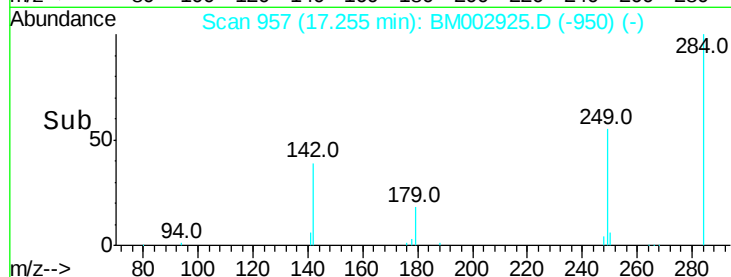
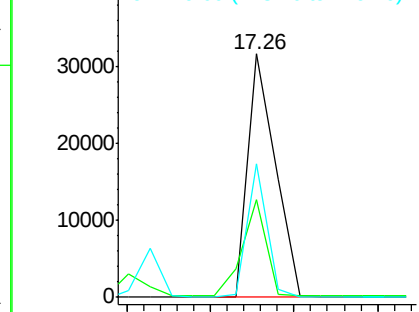
#21
Hexachlorobenzene
Concen: 4.33 ng
RT: 17.26 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM002925.D
Acq: 15 Oct 2015 21:46

Instrument :
BNA_M
ClientSampleId :
RAV-GT-104MSD

Tot Ion:284 Resp: 72621
Ion Ratio Lower Upper
284 100
142 34.1 0.0 0.0#
249 39.2 20.7 31.1#

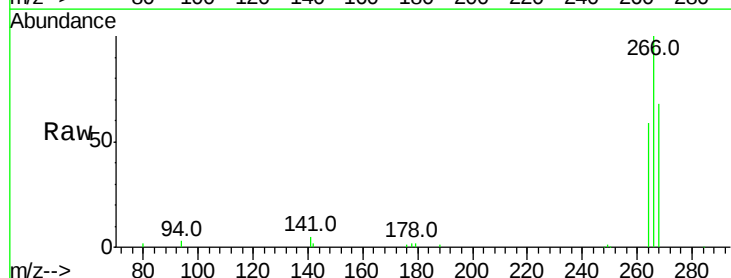


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

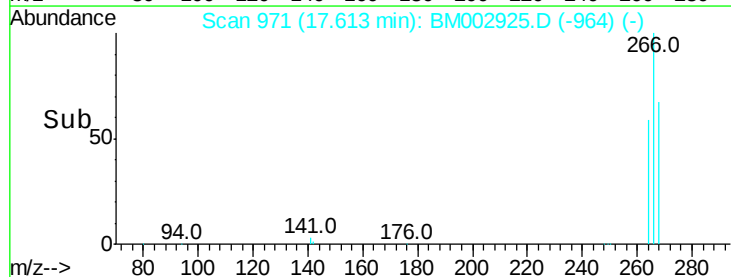
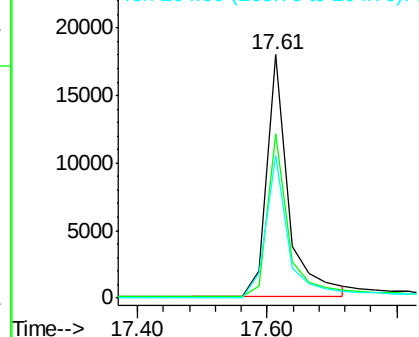


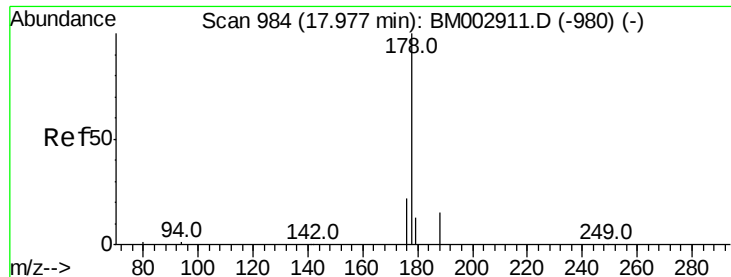
#22
Pentachlorophenol
Concen: 21.10 ng
RT: 17.61 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM002925.D
Acq: 15 Oct 2015 21:46

Tgt Ion:266 Resp: 41719
Ion Ratio Lower Upper
266 100
268 67.6 58.3 87.5
264 58.6 54.2 81.2



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





#23

Phenanthrene

Concen: 3.79 ng

RT: 18.00 min Scan# 986

Delta R.T. 0.02 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MSD

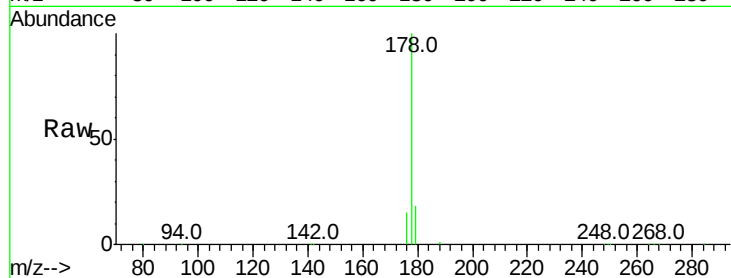
Tot Ion:178 Resp: 370155

Ion Ratio Lower Upper

178 100

176 0.0 14.6 21.8#

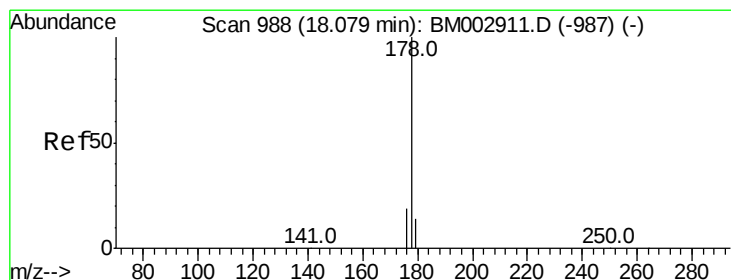
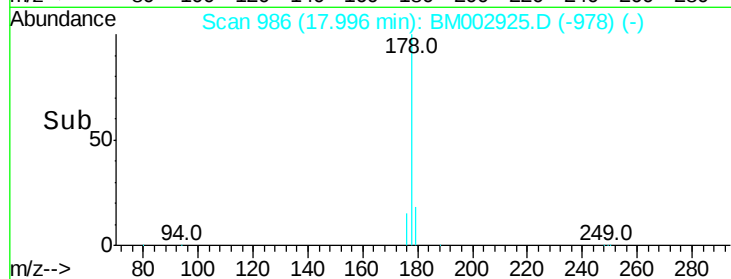
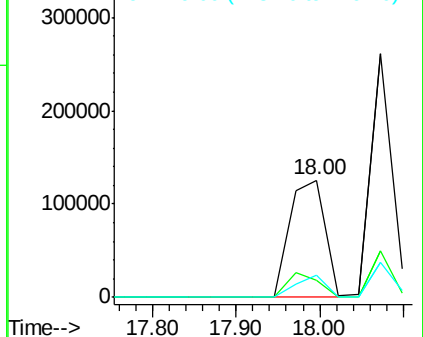
179 16.1 12.5 18.7



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

Anthracene

Concen: 4.87 ng

RT: 18.07 min Scan# 989

Delta R.T. -0.01 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

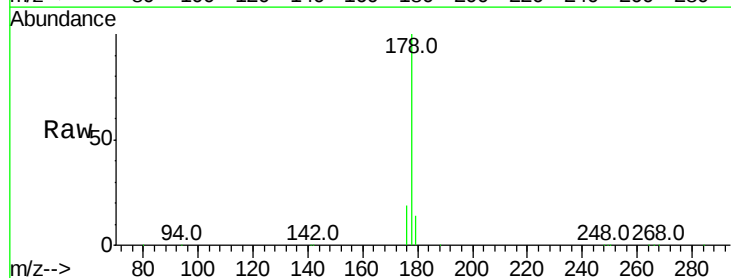
Tgt Ion:178 Resp: 452439

Ion Ratio Lower Upper

178 100

176 18.5 13.9 20.9

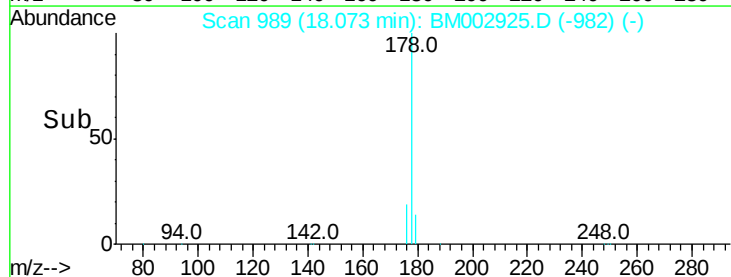
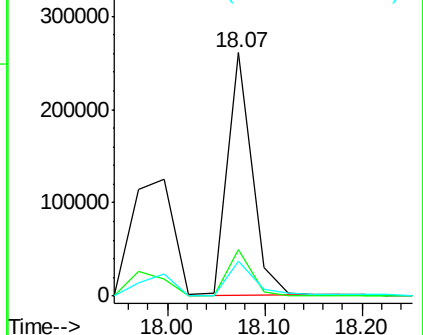
179 15.4 12.6 18.8

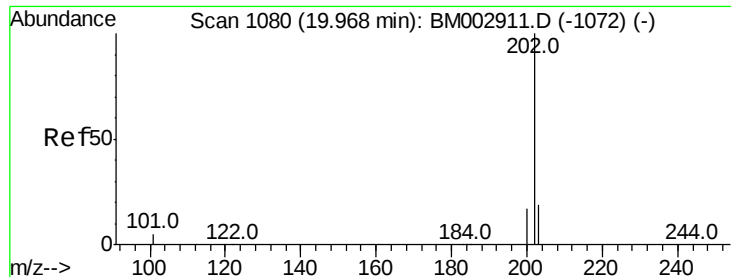


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

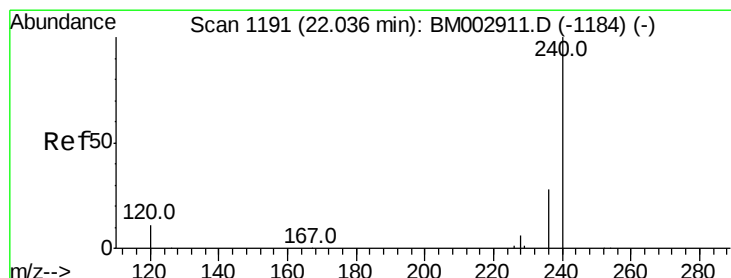
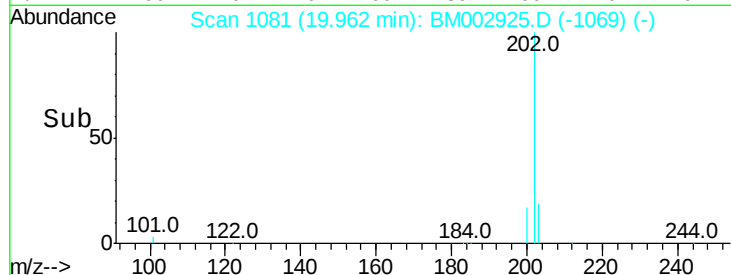
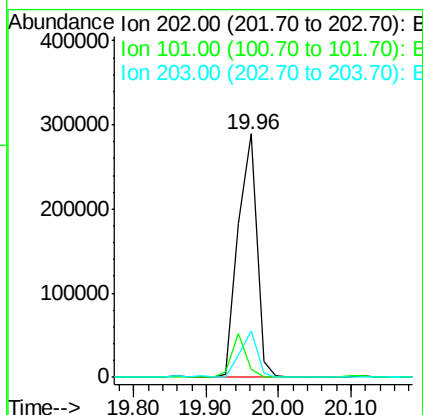
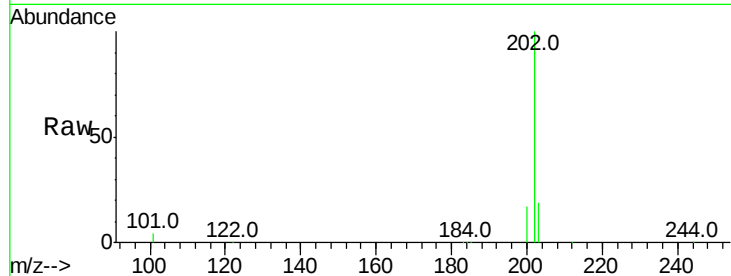




#25
 Fluoranthene
 Concen: 4.73 ng
 RT: 19.96 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: BM002925.D
 Acq: 15 Oct 2015 21:46

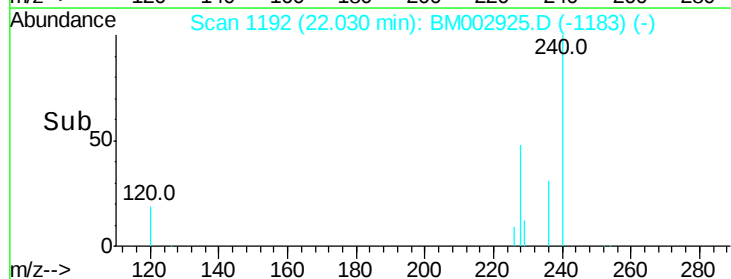
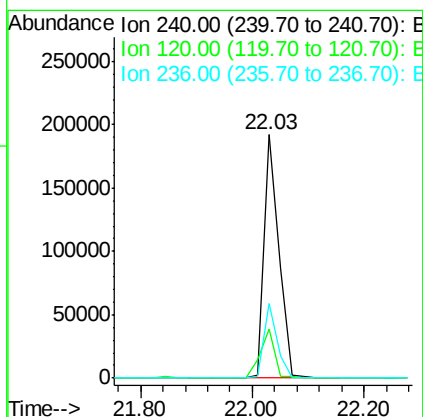
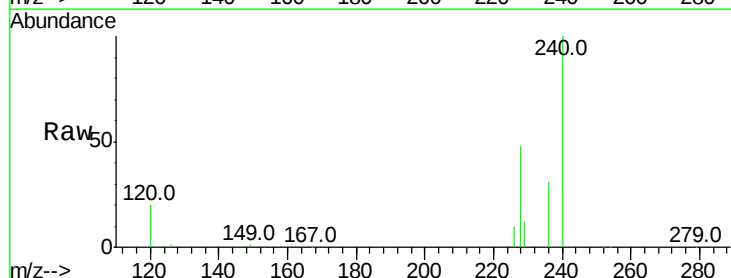
Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-104MSD

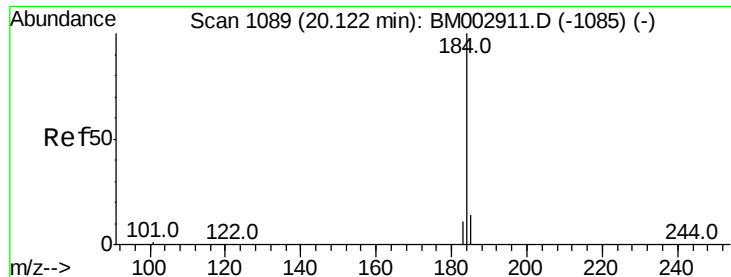
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.0	16.6
203	17.1	13.8	20.6



#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 22.03 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM002925.D
 Acq: 15 Oct 2015 21:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	19.9	3.3	4.9#
236	30.7	19.5	29.3#





#27

Benzidine

Concen: 0.16 ng

RT: 20.13 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MSD

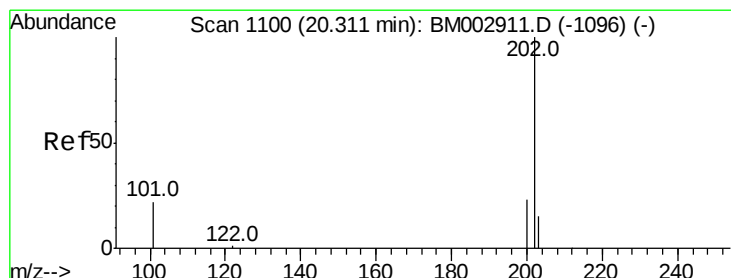
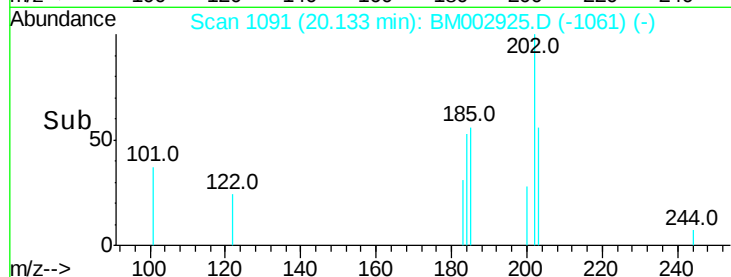
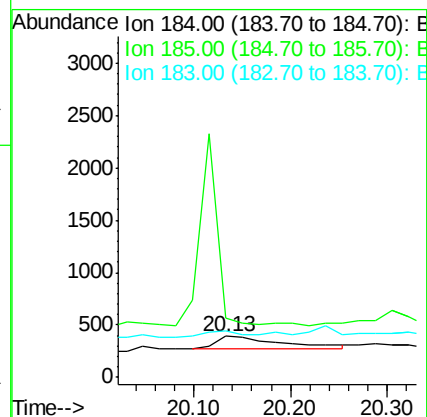
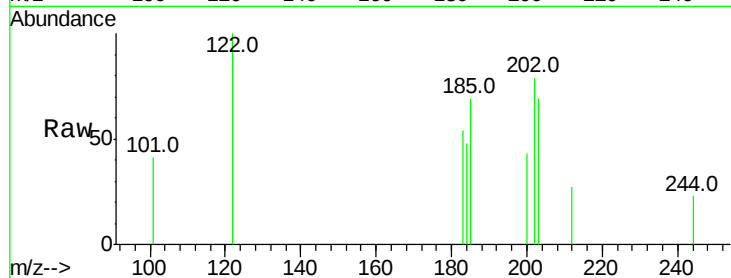
Tot Ion:184 Resp: 619

Ion Ratio Lower Upper

184 100

185 145.3 12.0 18.0#

183 113.0 8.9 13.3#



#28

Pyrene

Concen: 5.78 ng

RT: 20.30 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

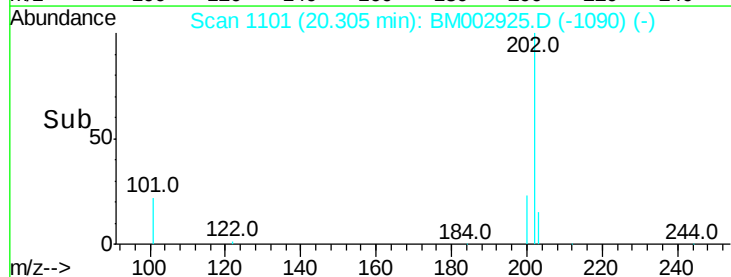
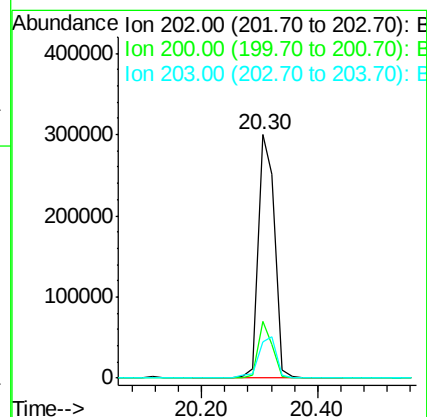
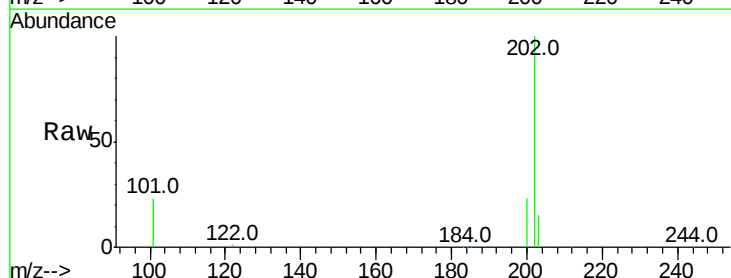
Tgt Ion:202 Resp: 594526

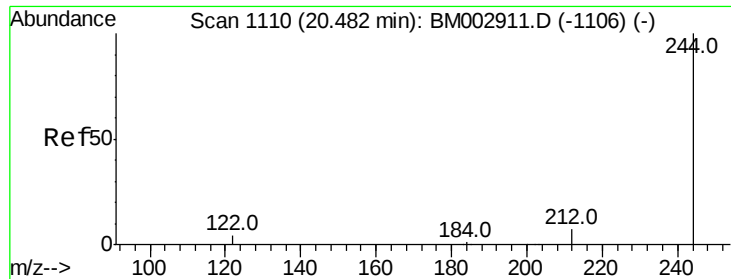
Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.4

203 18.6 13.8 20.8





#29

Terphenyl-d14

Concen: 4.73 ng

RT: 20.48 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MSD

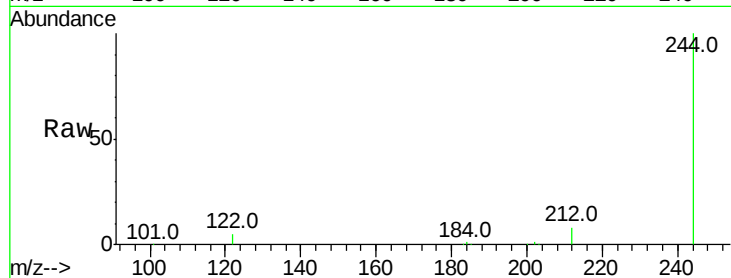
Tot Ion:244 Resp: 247027

Ion Ratio Lower Upper

244 100

212 8.1 5.6 8.4

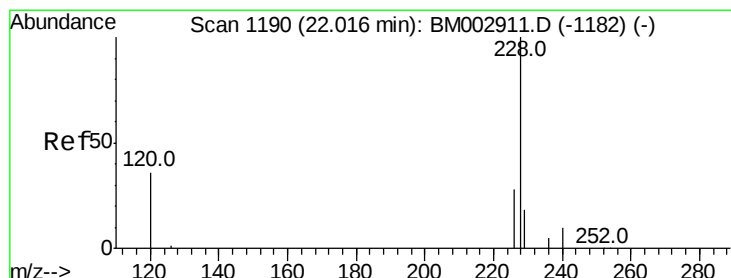
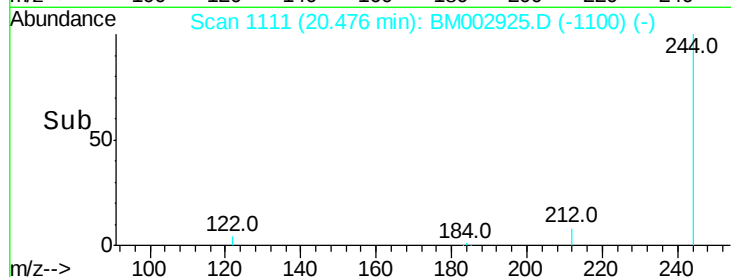
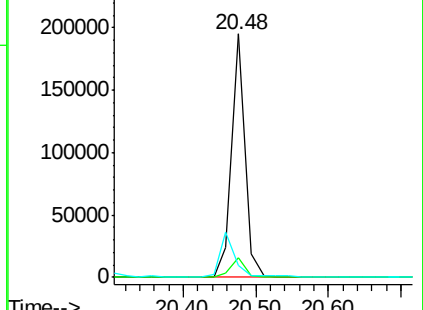
122 4.9 2.2 3.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 4.81 ng

RT: 22.01 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

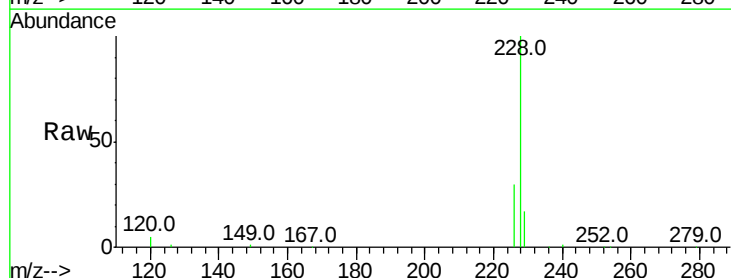
Tgt Ion:228 Resp: 483906

Ion Ratio Lower Upper

228 100

226 29.7 19.0 28.6#

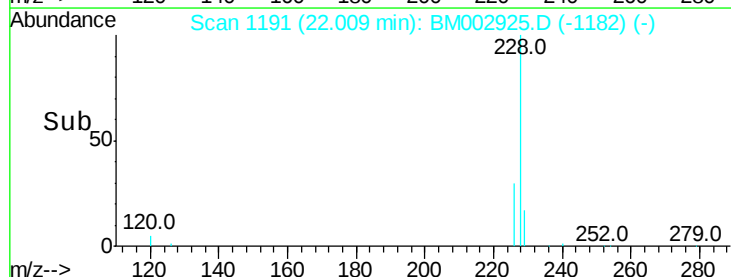
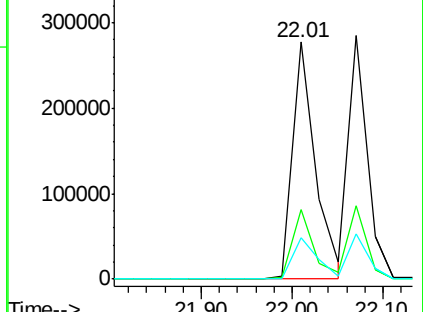
229 17.3 16.8 25.2

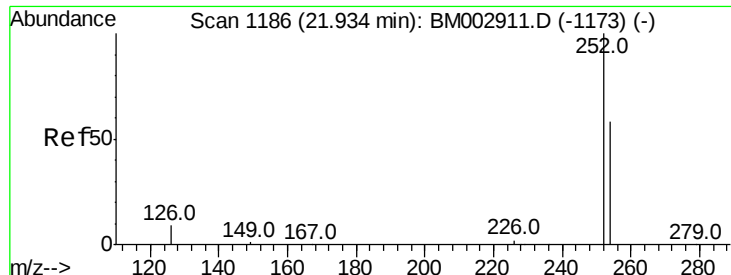


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

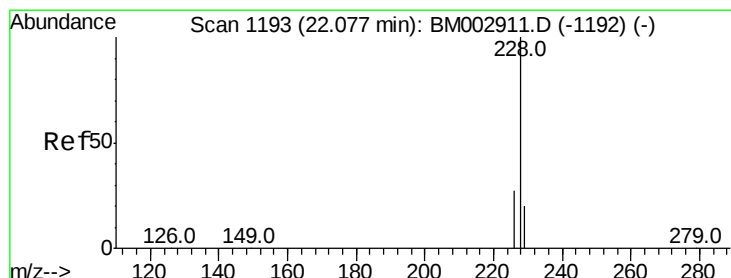
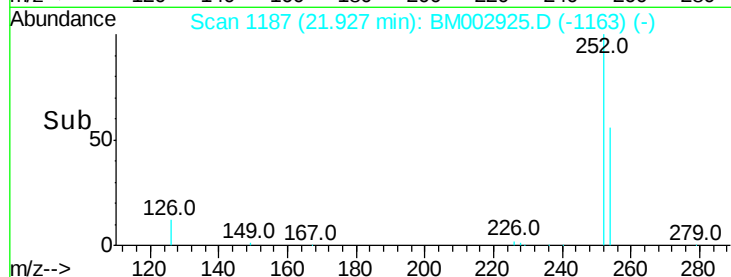
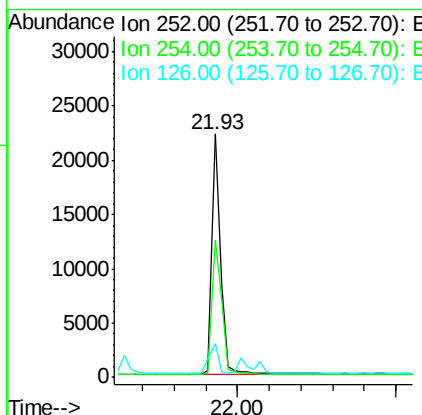
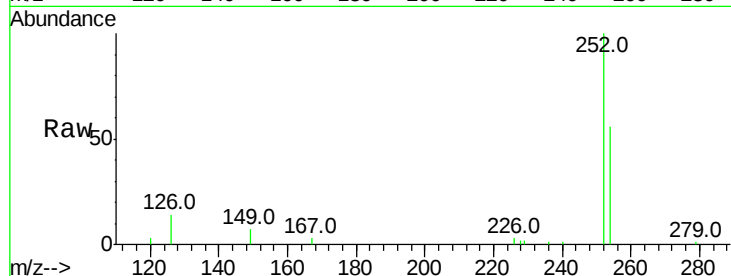




#31
 3,3'-Dichlorobenzidine
 Concen: 1.19 ng
 RT: 21.93 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BM002925.D
 Acq: 15 Oct 2015 21:46

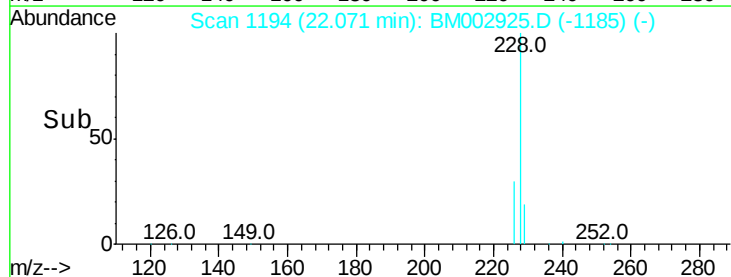
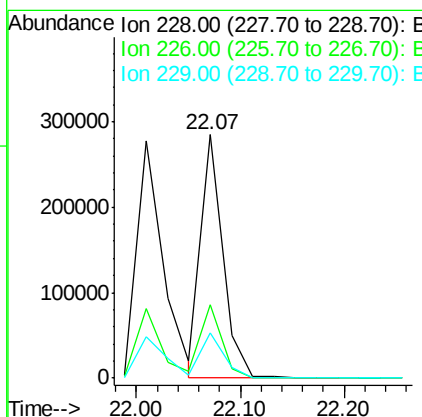
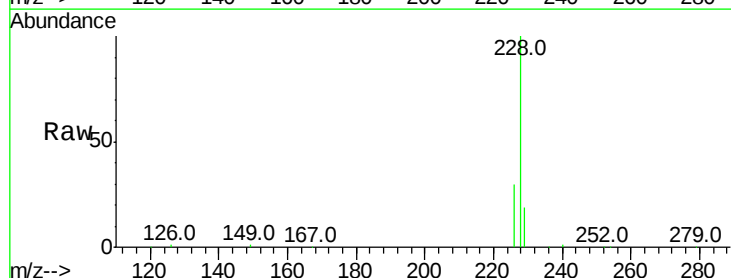
Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-104MSD

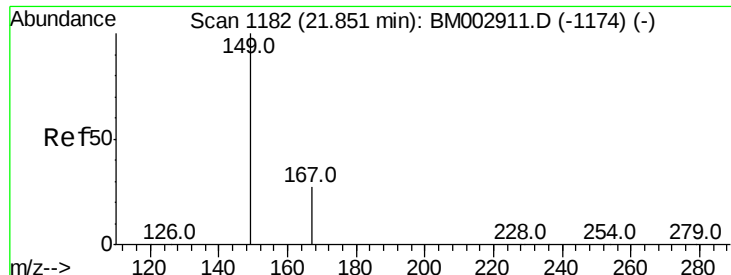
Tot Ion:252 Resp: 40693
 Ion Ratio Lower Upper
 252 100
 254 56.3 54.1 81.1
 126 13.6 4.1 6.1#



#32
 Chrysene
 Concen: 4.40 ng
 RT: 22.07 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BM002925.D
 Acq: 15 Oct 2015 21:46

Tgt Ion:228 Resp: 414170
 Ion Ratio Lower Upper
 228 100
 226 30.4 20.6 30.8
 229 18.7 17.4 26.2





#33

Bis(2-ethylhexyl)phthalate

Concen: 5.23 ng

RT: 21.85 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MSD

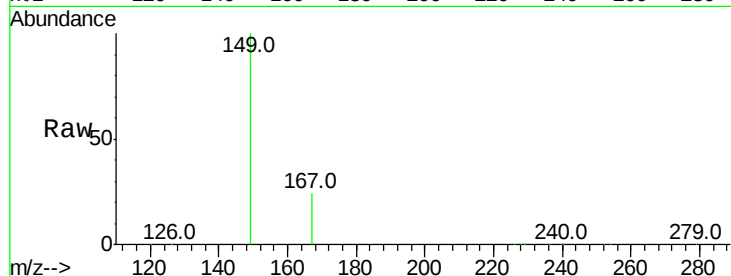
Tot Ion:149 Resp: 407548

Ion Ratio Lower Upper

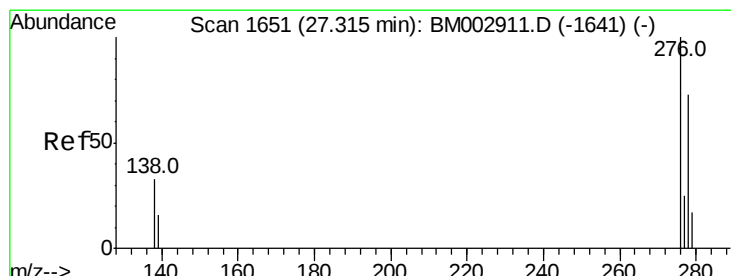
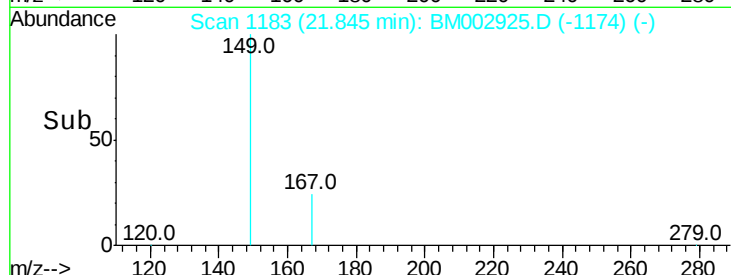
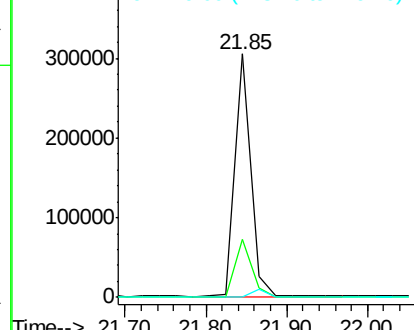
149 100

167 25.2 17.2 25.8

279 0.0 2.2 3.4#



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



#34

Indeno(1,2,3-cd)pyrene

Concen: 4.63 ng

RT: 27.30 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

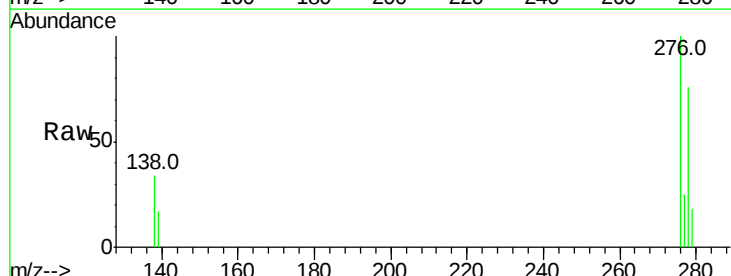
Tgt Ion:276 Resp: 448861

Ion Ratio Lower Upper

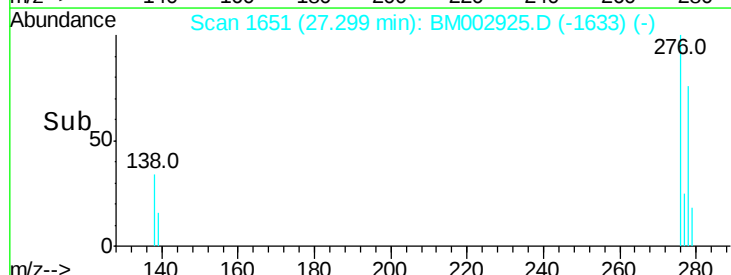
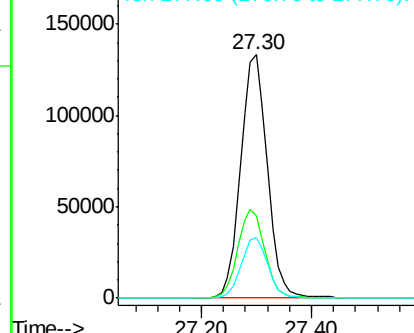
276 100

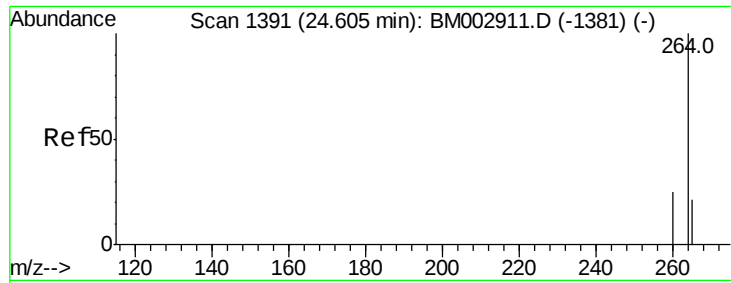
138 36.6 29.0 43.6

277 24.8 19.8 29.8



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

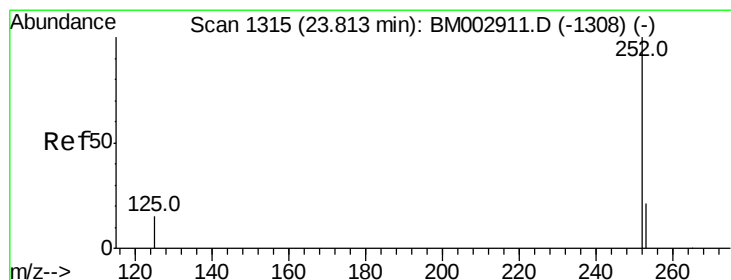
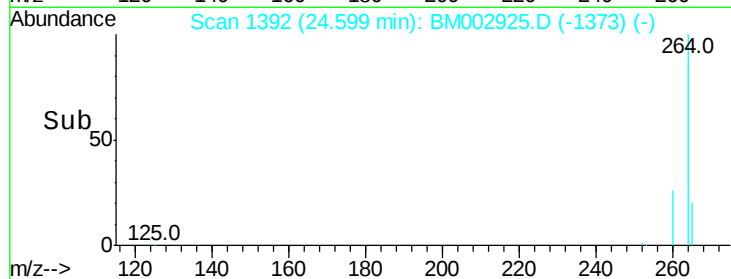
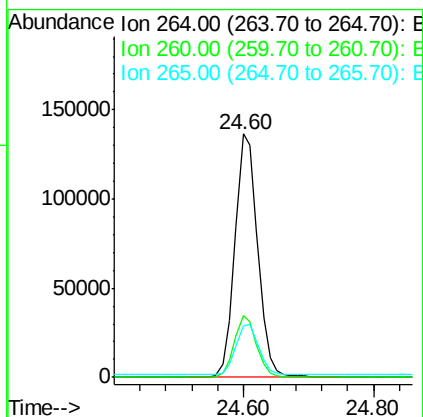
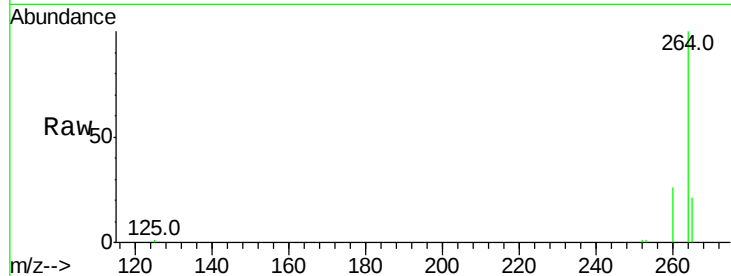




#35
Pervlene-d12
Concen: 5.00 ng
RT: 24.60 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BM002925.D
Acq: 15 Oct 2015 21:46

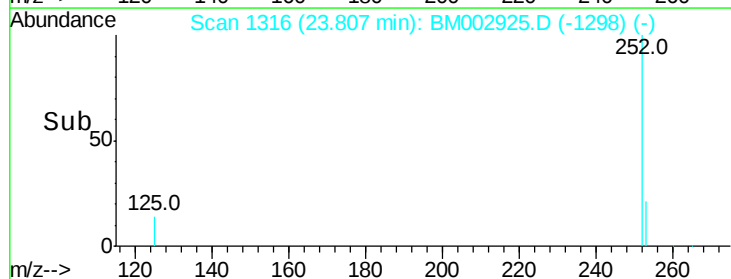
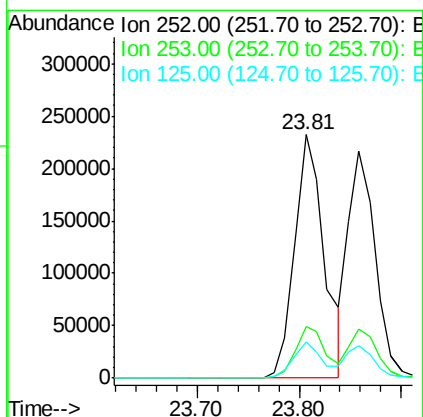
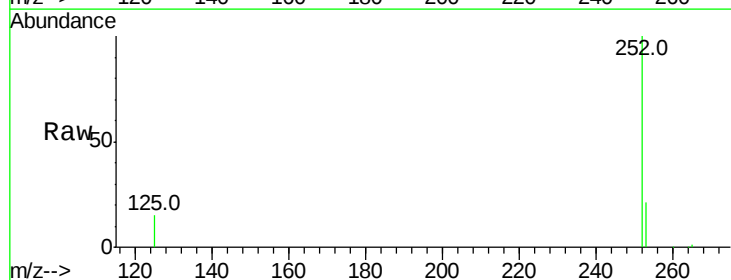
Instrument :
BNA_M
ClientSampleId :
RAV-GT-104MSD

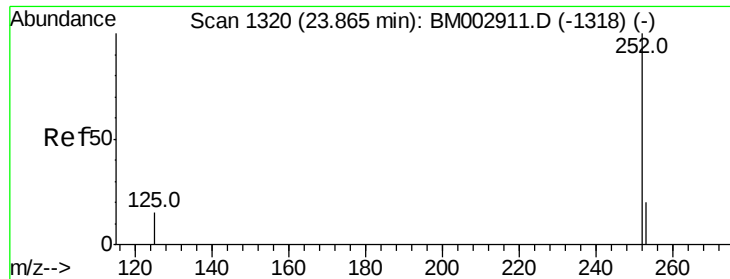
Tot Ion:264 Resp: 328053
Ion Ratio Lower Upper
264 100
260 25.6 20.1 30.1
265 21.5 17.6 26.4



#36
Benzo(b)fluoranthene
Concen: 5.00 ng
RT: 23.81 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BM002925.D
Acq: 15 Oct 2015 21:46

Tgt Ion:252 Resp: 470917
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 14.7 12.4 18.6





#37

Benzo(k)fluoranthene

Concen: 4.34 ng

RT: 23.86 min Scan# 1321

Delta R.T. -0.01 min

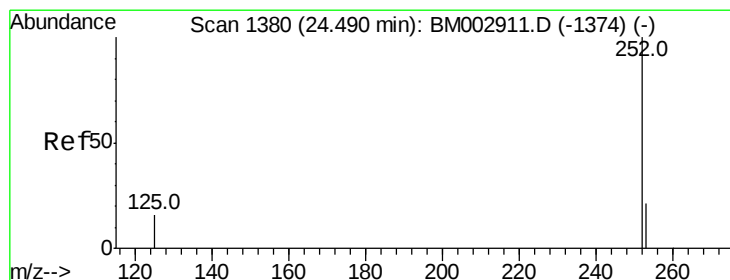
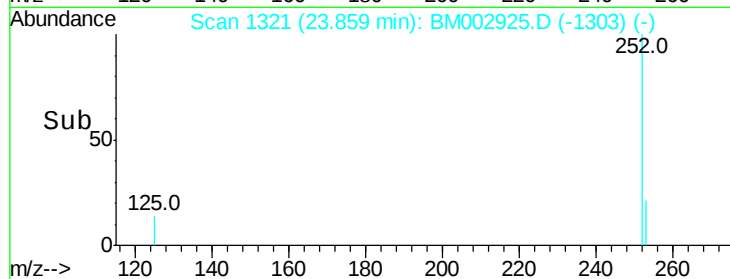
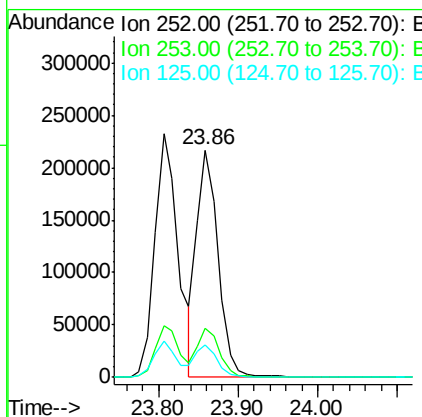
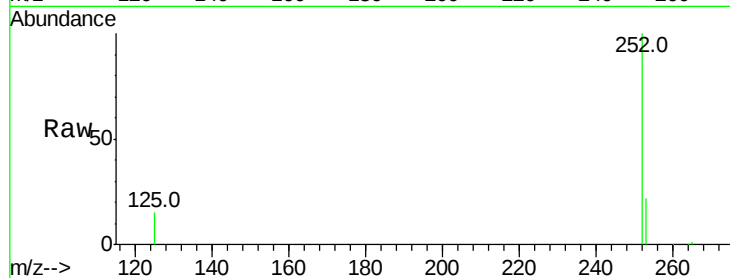
Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

Instrument :
BNA_M
ClientSampleId :
RAV-GT-104MSD

Tot Ion:252 Resp: 399852

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	14.5	12.3	18.5



#38

Benzo(a)pyrene

Concen: 4.84 ng

RT: 24.48 min Scan# 1381

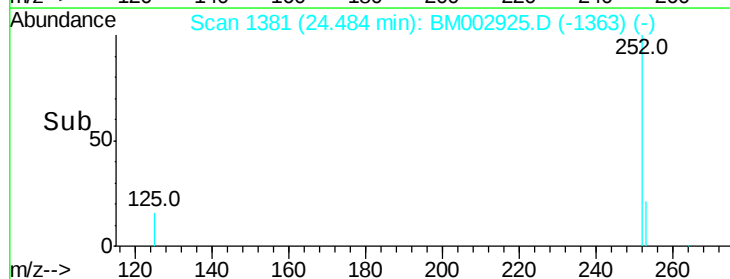
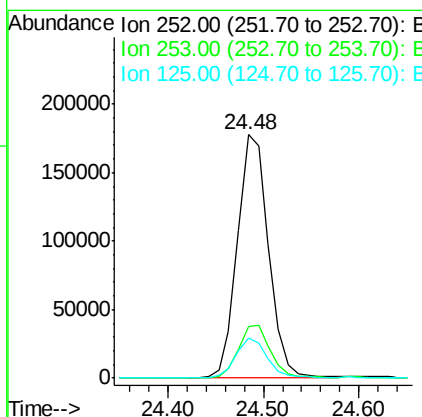
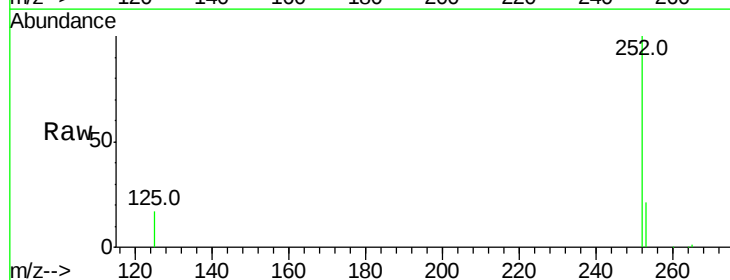
Delta R.T. -0.01 min

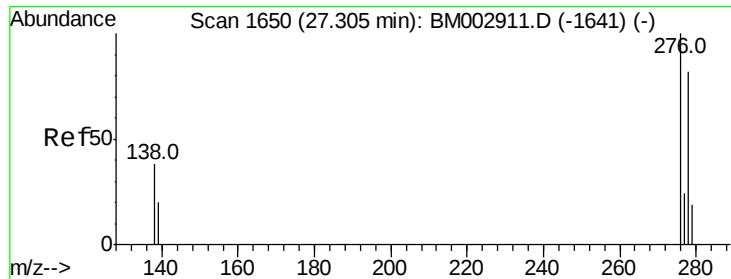
Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

Tgt Ion:252 Resp: 403225

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.4	27.6
125	16.5	13.3	19.9





#39

Dibenzo(a,h)anthracene

Concen: 4.62 ng

RT: 27.29 min Scan# 1650

Delta R.T. -0.02 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104MSD

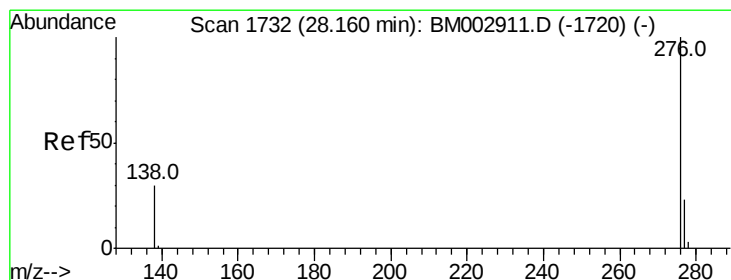
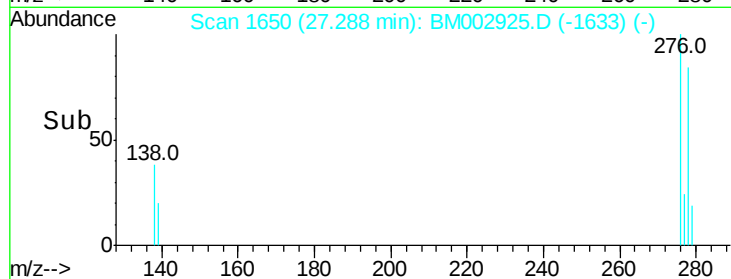
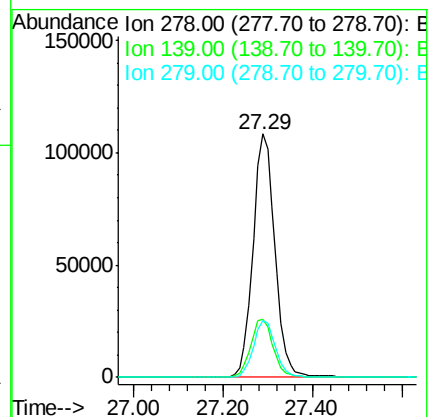
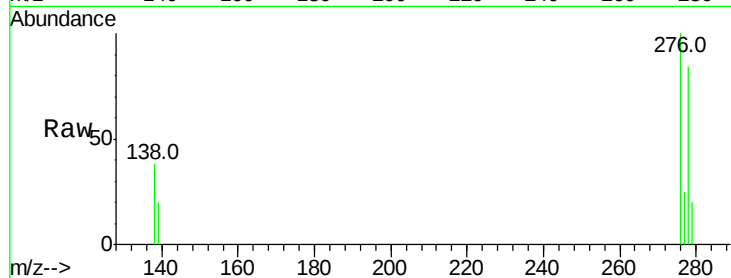
Tot Ion:278 Resp: 368060

Ion Ratio Lower Upper

278 100

139 23.9 19.8 29.6

279 23.3 19.1 28.7



#40

Benzo(g,h,i)perylene

Concen: 4.47 ng

RT: 28.14 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BM002925.D

Acq: 15 Oct 2015 21:46

Tgt Ion:276 Resp: 372229

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 30.5 24.4 36.6

