

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112715\
 Data File : BM003317.D
 Acq On : 27 Nov 2015 22:46
 Operator : UM/IZ
 Sample : G4510-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP-111815-2

Quant Time: Nov 28 01:14:44 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM112715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 27 16:36:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	69602	5.00	ng	0.00
7) Naphthalene-d8	10.53	136	289598	5.00	ng	0.00
13) Acenaphthene-d10	14.37	164	147089	5.00	ng	0.00
19) Phenanthrene-d10	17.11	188	301040	5.00	ng	0.00
26) Chrysene-d12	21.31	240	198871	5.00	ng	-0.01
35) Perylene-d12	23.58	264	189615	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	55455	4.04	ng	0.00
5) Phenol-d6	6.90	99	48188	3.06	ng	0.00
8) Nitrobenzene-d5	8.89	82	49150	3.81	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	31719	9.25	ng	0.02
15) 2-Fluorobiphenyl	13.00	172	174238	3.67	ng	0.00
29) Terphenyl-d14	19.76	244	140921	5.08	ng	0.00

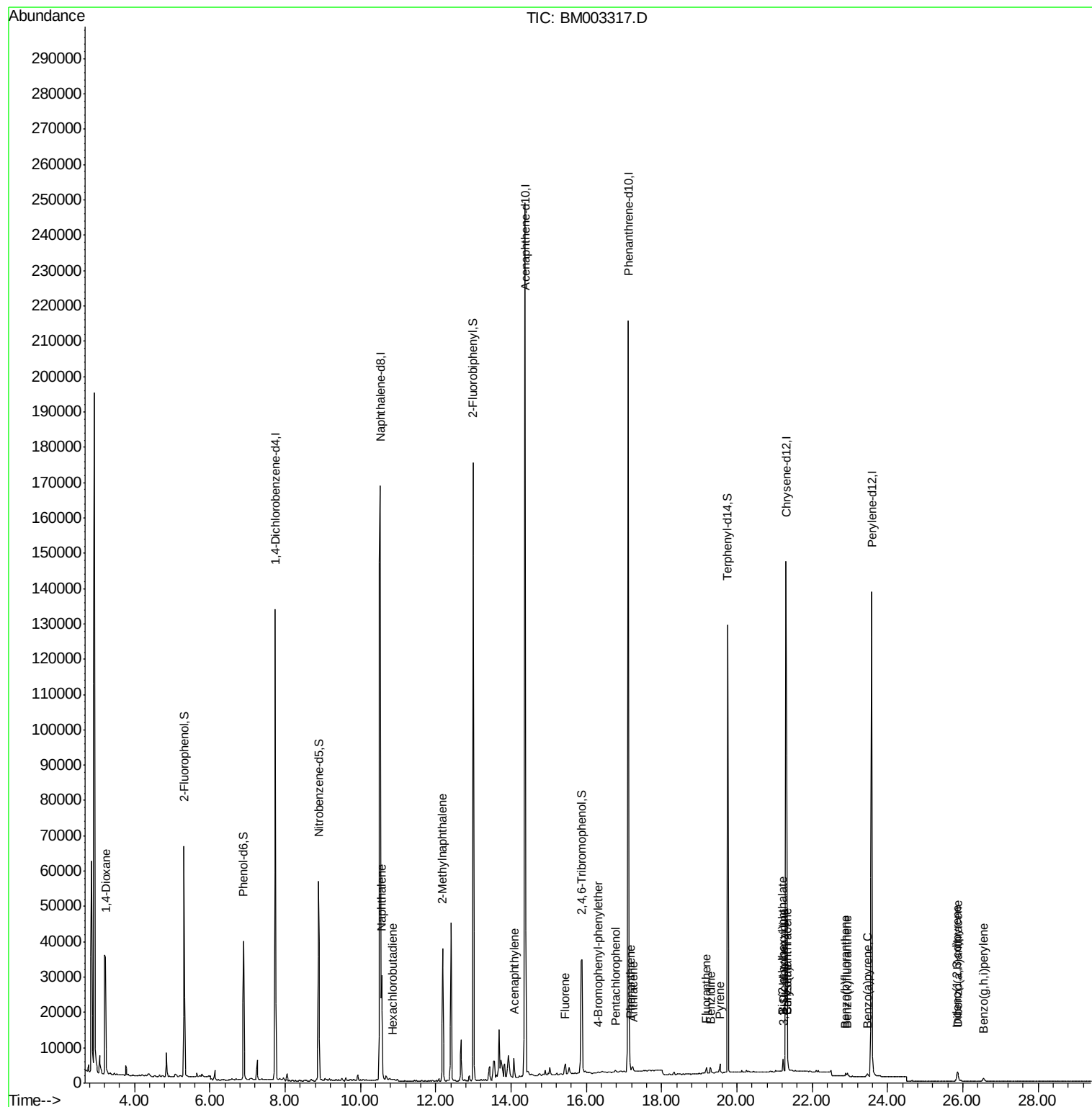
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.23	88	8854	1.43	ng	# 1
10) Naphthalene	10.56	128	44700	0.71	ng	98
11) Hexachlorobutadiene	10.85	225	558	0.06	ng	# 28
12) 2-Methylnaphthalene	12.18	142	28674	0.73	ng	97
16) Acenaphthylene	14.08	152	1160	0.02	ng	# 26
18) Fluorene	15.44	166	3067	0.07	ng	# 90
20) 4-Bromophenyl-phenylether	16.32	248	146	0.23	ng	# 35
22) Pentachlorophenol	16.78	266	414	0.21	ng	# 86
23) Phenanthrene	17.16	178	2924	0.14	ng	# 64
24) Anthracene	17.24	178	1471	0.03	ng	# 94
25) Fluoranthene	19.19	202	1676	0.03	ng	# 85
27) Benzidine	19.31	184	241	0.14	ng	# 1
28) Pyrene	19.55	202	2067	0.03	ng	96
30) Benzo(a)anthracene	21.35	228	3624	0.07	ng	# 68
31) 3,3'-Dichlorobenzidine	21.25	252	315	0.19	ng	# 66
32) Chrysene	21.35	228	3614	0.07	ng	# 76
33) Bis(2-ethylhexyl)phthalate	21.23	149	3623	0.24	ng	# 97
34) Indeno(1,2,3-cd)pyrene	25.85	276	3150	0.07	ng	# 77
36) Benzo(b)fluoranthene	22.89	252	1346	0.02	ng	# 15
37) Benzo(k)fluoranthene	22.94	252	1228	0.03	ng	# 10
38) Benzo(a)pyrene	23.48	252	1292	0.03	ng	# 10
39) Dibenzo(a,h)anthracene	25.86	278	3334	0.09	ng	# 75
40) Benzo(g,h,i)perylene	26.55	276	1909	0.04	ng	# 75

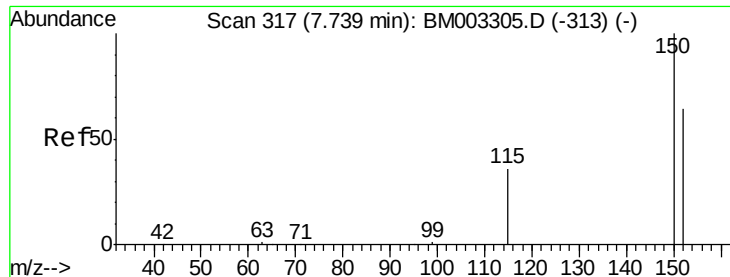
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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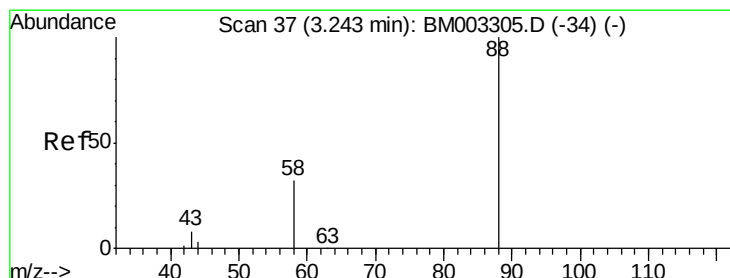
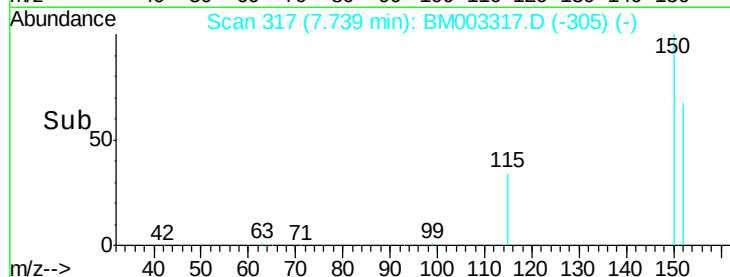
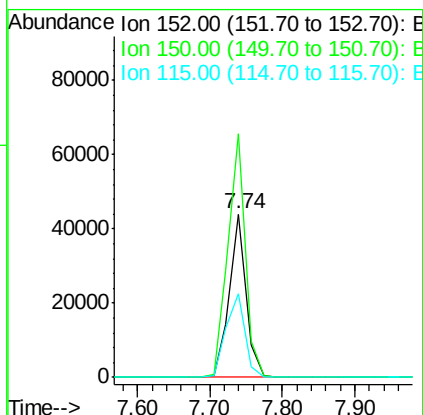
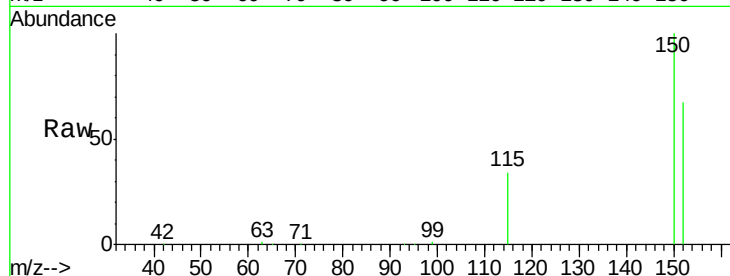


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.74 min Scan# 317
Delta R.T. -0.00 min
Lab File: BM003317.D
Acq: 27 Nov 2015 22:46

Instrument :
BNA_M
ClientSampleId :
DUP-111815-2

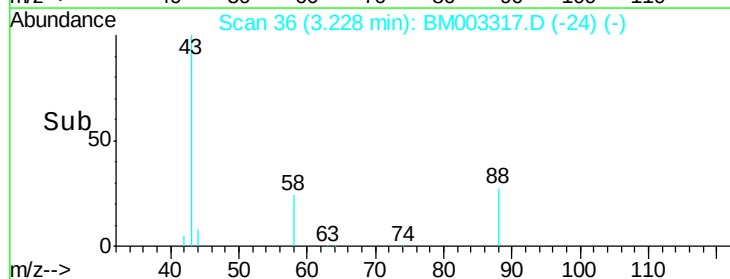
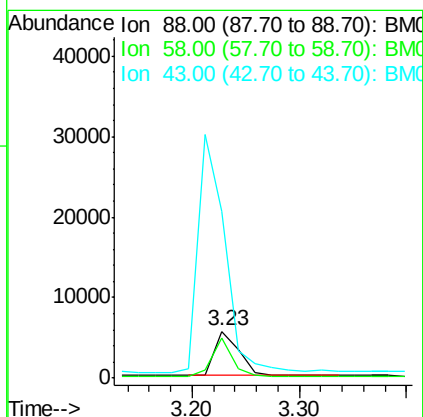
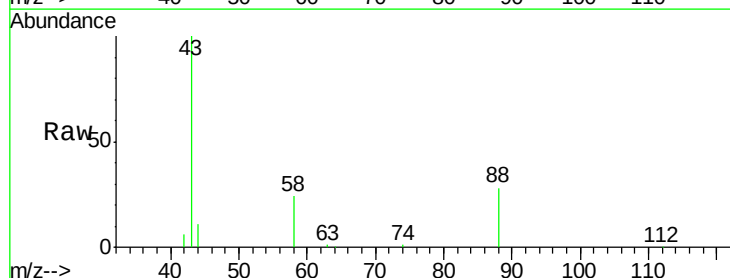
Tgt Ion:152 Resp: 69602
Ion Ratio Lower Upper
152 100
150 149.3 143.6 215.4
115 51.3 58.5 87.7#

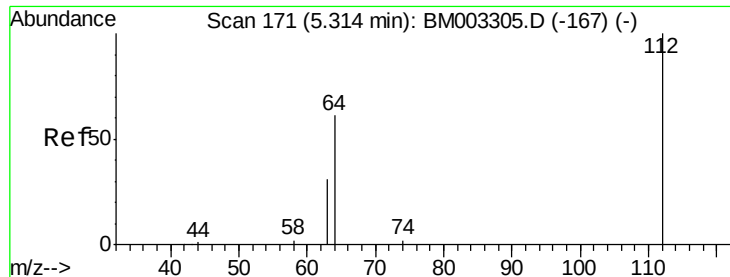


#2

1,4-Dioxane
Concen: 1.43 ng
RT: 3.23 min Scan# 36
Delta R.T. -0.02 min
Lab File: BM003317.D
Acq: 27 Nov 2015 22:46

Tgt Ion: 88 Resp: 8854
Ion Ratio Lower Upper
88 100
58 71.6 55.2 82.8
43 578.6 21.8 32.6#





#4

2-Fluorophenol

Concen: 4.04 ng

RT: 5.31 min Scan# 171

Delta R.T. -0.00 min

Lab File: BM003317.D

Acq: 27 Nov 2015 22:46

Instrument :

BNA_M

ClientSampleId :

DUP-111815-2

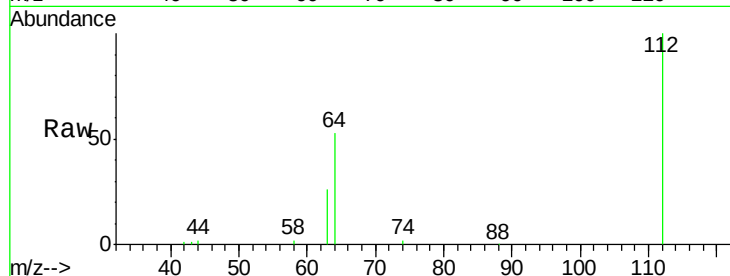
Tgt Ion: 112 Resp: 55455

Ion Ratio Lower Upper

112 100

64 50.9 41.2 61.8

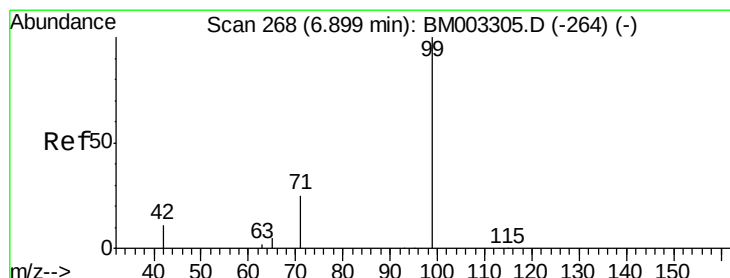
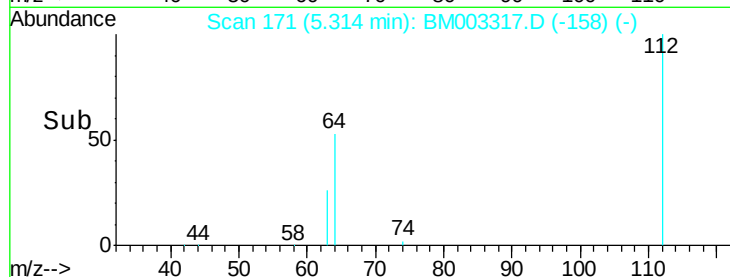
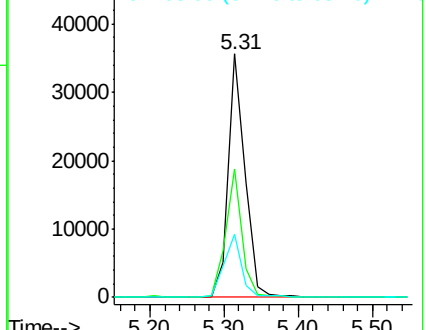
63 26.4 21.2 31.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#5

Phenol-d6

Concen: 3.06 ng

RT: 6.90 min Scan# 268

Delta R.T. -0.00 min

Lab File: BM003317.D

Acq: 27 Nov 2015 22:46

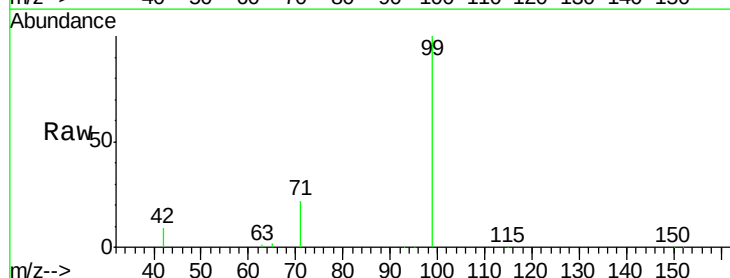
Tgt Ion: 99 Resp: 48188

Ion Ratio Lower Upper

99 100

42 17.8 14.6 22.0

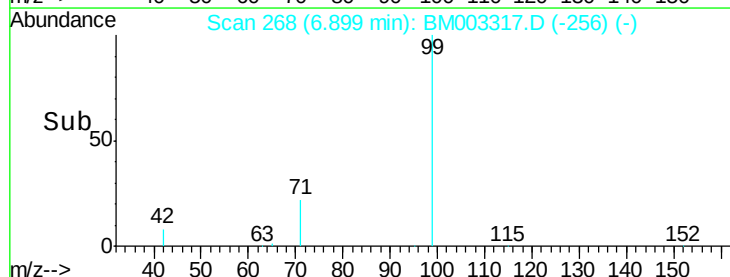
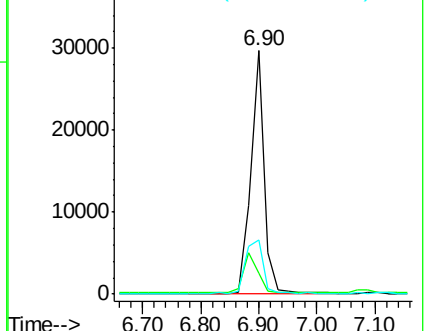
71 29.4 23.3 34.9

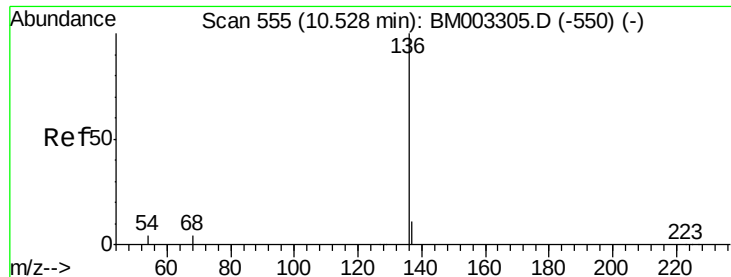


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.53 min Scan# 555

Delta R.T. -0.00 min

Lab File: BM003317.D

Acq: 27 Nov 2015 22:46

Instrument :

BNA_M

ClientSampleId :

DUP-111815-2

Tgt Ion:136 Resp: 289598

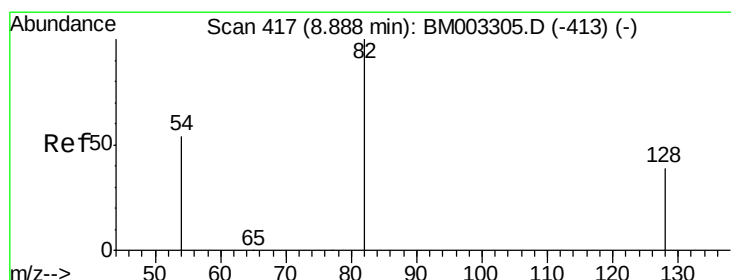
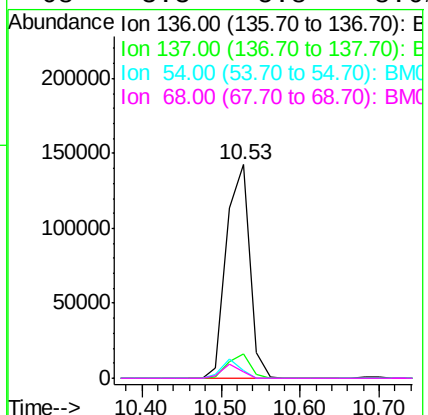
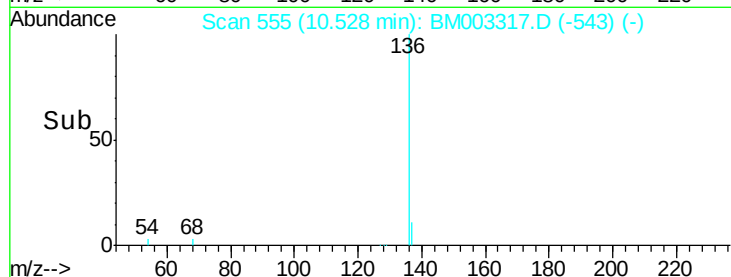
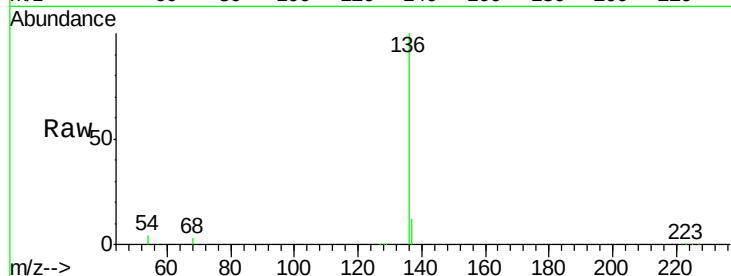
Ion Ratio Lower Upper

136 100

137 11.5 8.0 12.0

54 3.5 7.4 11.0#

68 3.3 5.8 8.6#



#8

Nitrobenzene-d5

Concen: 3.81 ng

RT: 8.89 min Scan# 417

Delta R.T. -0.00 min

Lab File: BM003317.D

Acq: 27 Nov 2015 22:46

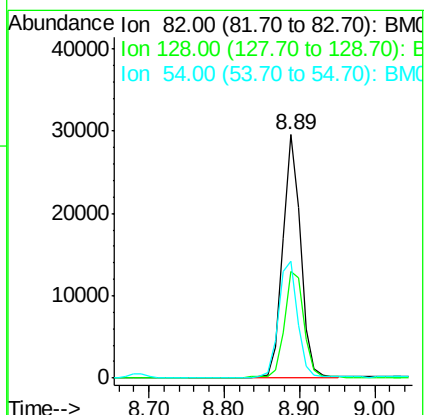
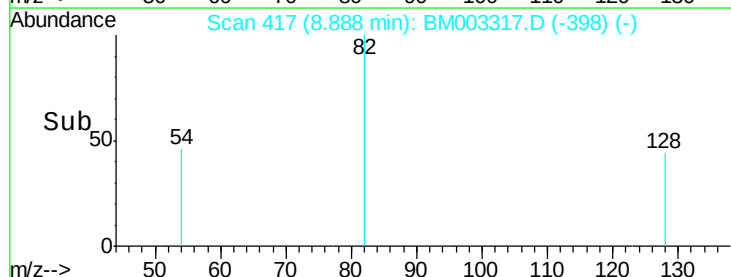
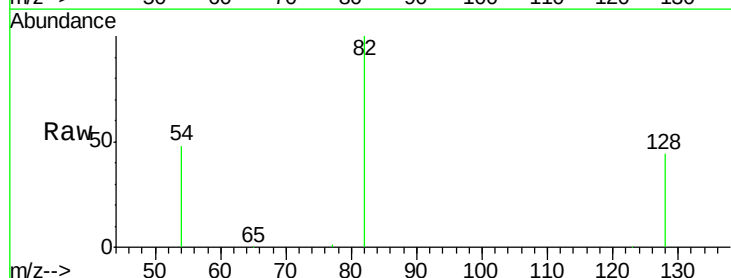
Tgt Ion: 82 Resp: 49150

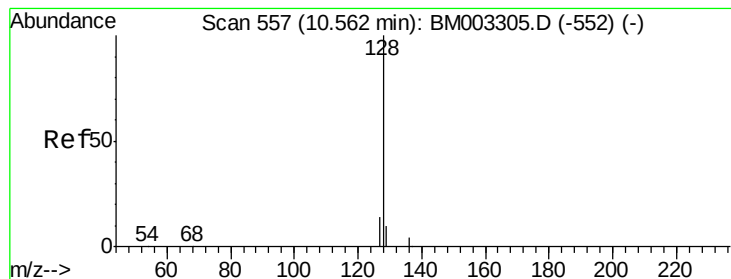
Ion Ratio Lower Upper

82 100

128 43.8 35.2 52.8

54 47.8 36.4 54.6





#10

Naphthalene

Concen: 0.71 ng

RT: 10.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: BM003317.D

Acq: 27 Nov 2015 22:46

Instrument :

BNA_M

ClientSampleId :

DUP-111815-2

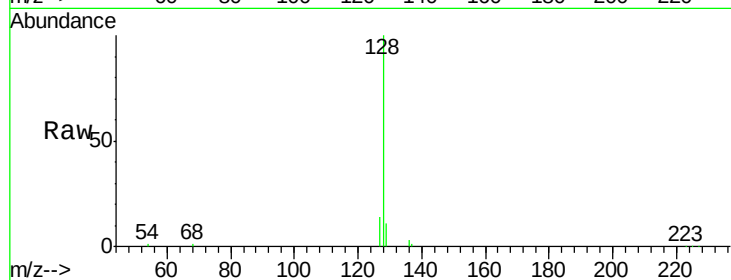
Tgt Ion:128 Resp: 44700

Ion Ratio Lower Upper

128 100

129 11.1 8.5 12.7

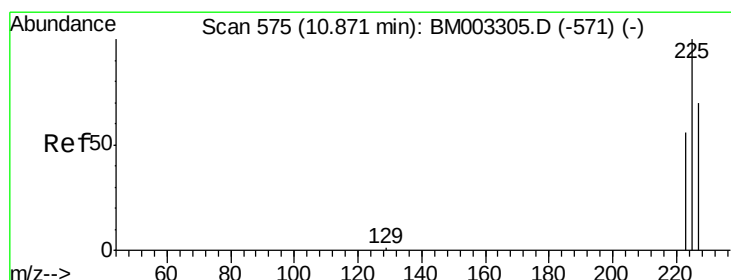
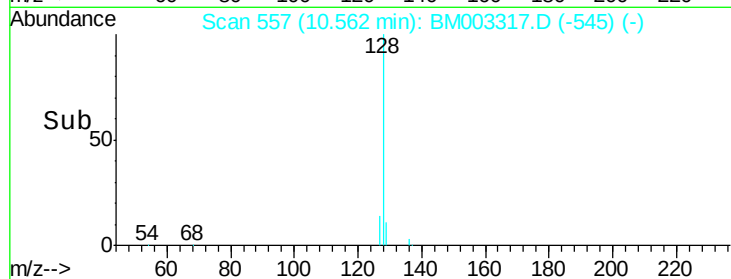
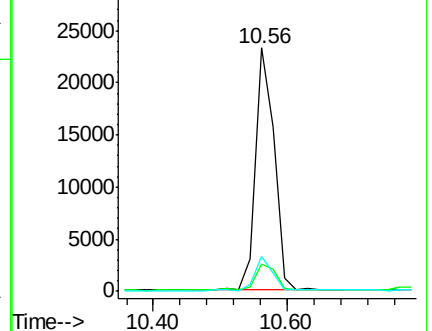
127 14.2 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

Hexachlorobutadiene

Concen: 0.06 ng

RT: 10.85 min Scan# 574

Delta R.T. -0.02 min

Lab File: BM003317.D

Acq: 27 Nov 2015 22:46

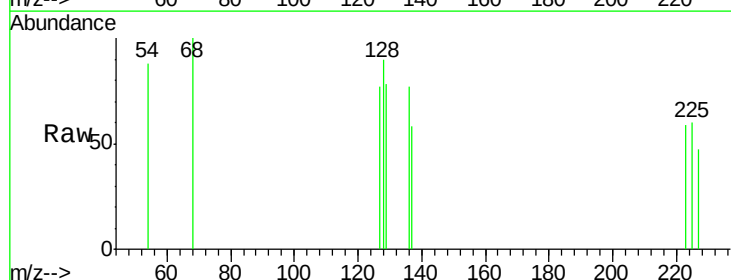
Tgt Ion:225 Resp: 558

Ion Ratio Lower Upper

225 100

223 8.8 53.0 79.4#

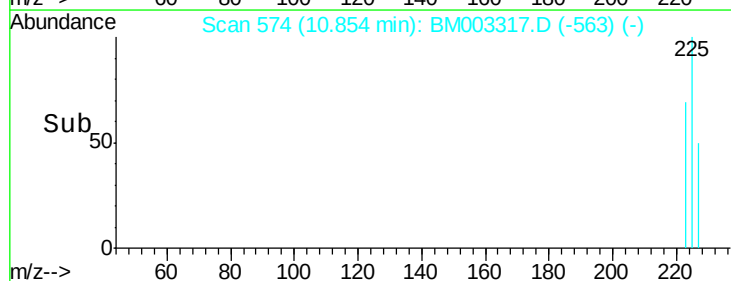
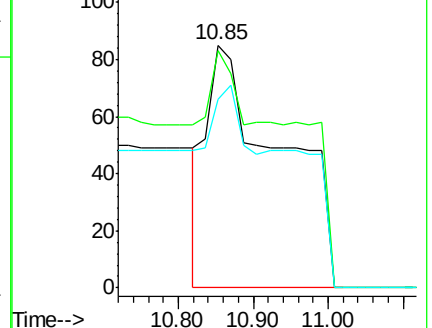
227 7.9 52.2 78.4#

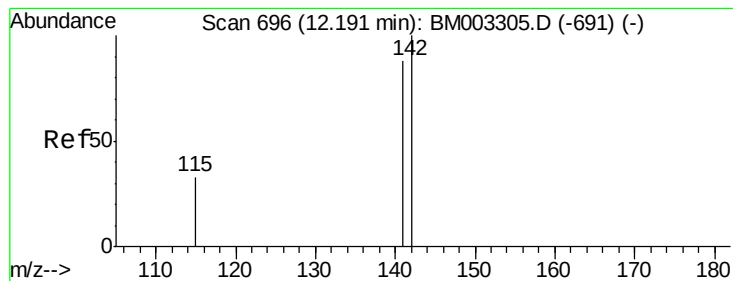


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#12

2-Methylnaphthalene

Concen: 0.73 ng

RT: 12.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BM003317.D

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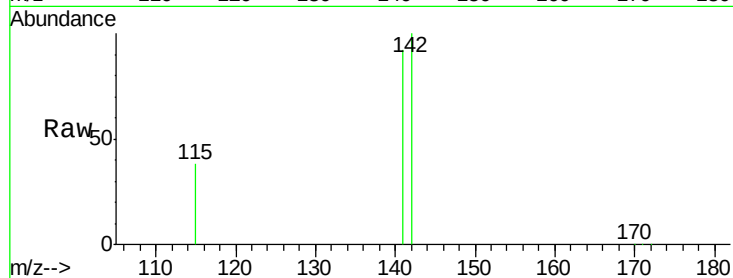
Tgt Ion:142 Resp: 28674

Ion Ratio Lower Upper

142 100

141 92.3 72.2 108.2

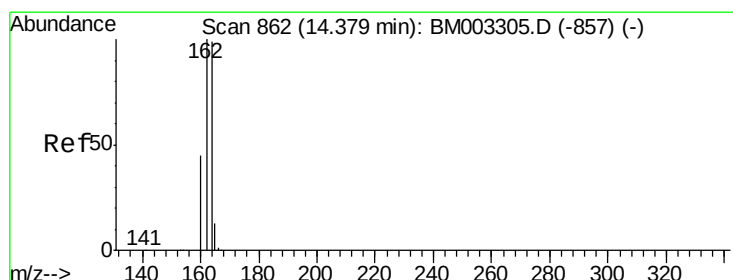
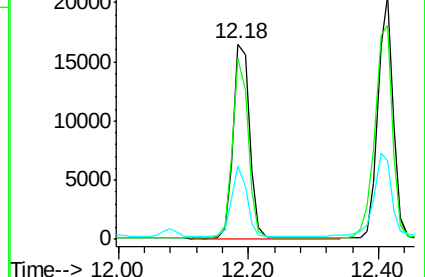
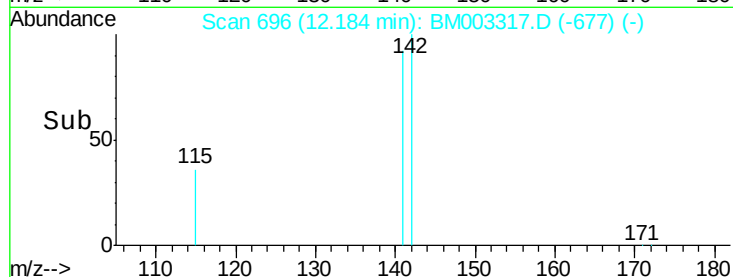
115 37.5 28.0 42.0



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



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.37 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM003317.D

Acq: 27 Nov 2015 22:46

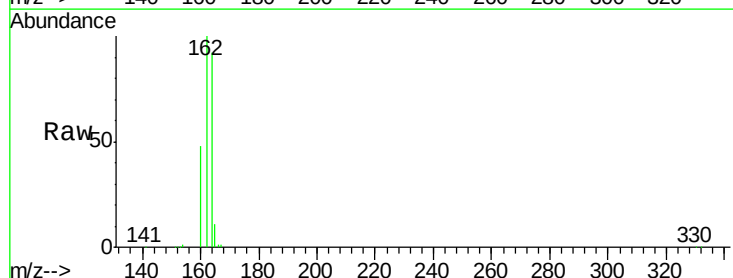
Tgt Ion:164 Resp: 147089

Ion Ratio Lower Upper

164 100

162 108.2 78.3 117.5

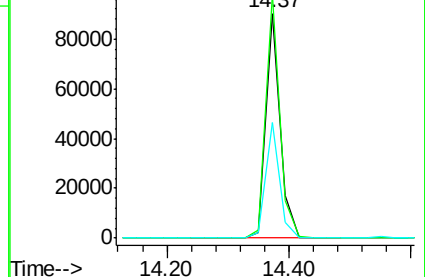
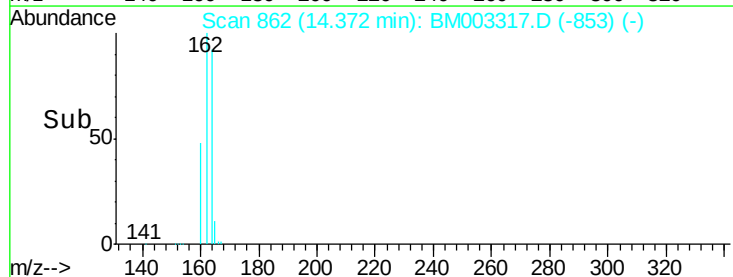
160 51.6 33.8 50.6#

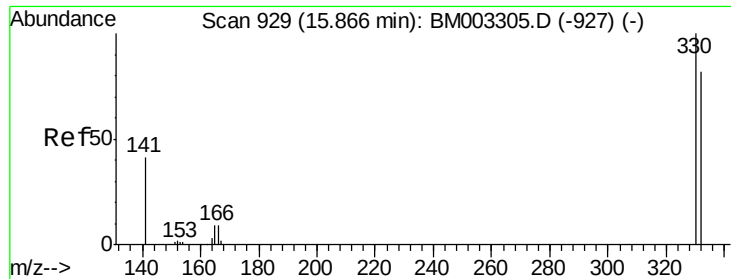


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

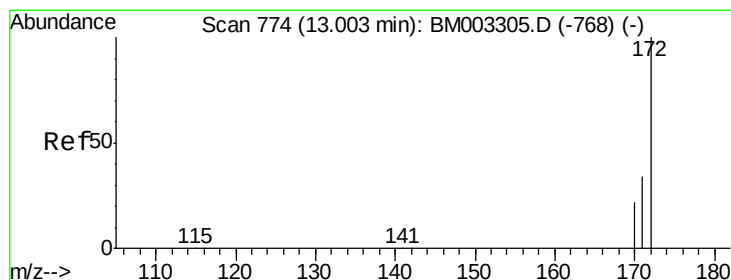
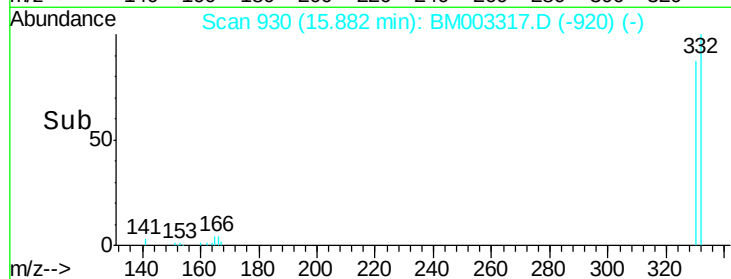
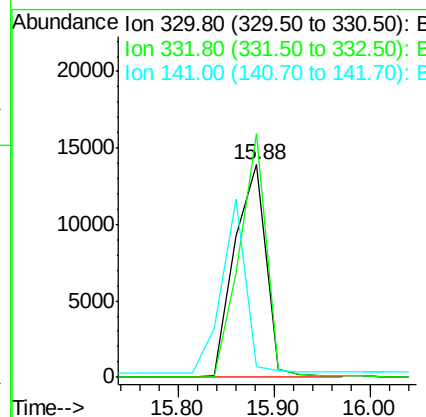
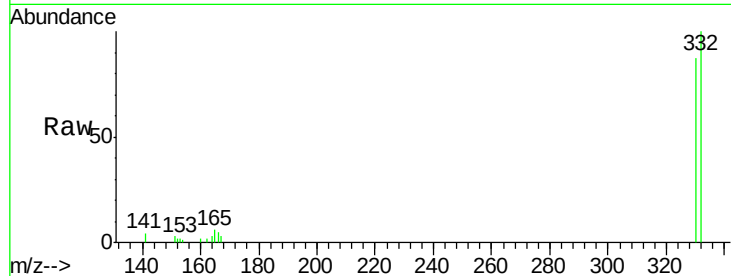




#14
 2,4,6-Tribromophenol
 Concen: 9.25 ng
 RT: 15.88 min Scan# 930
 Delta R.T. 0.02 min
 Lab File: BM003317.D
 Acq: 27 Nov 2015 22:46

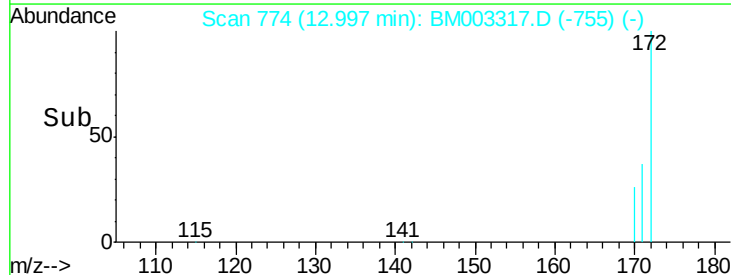
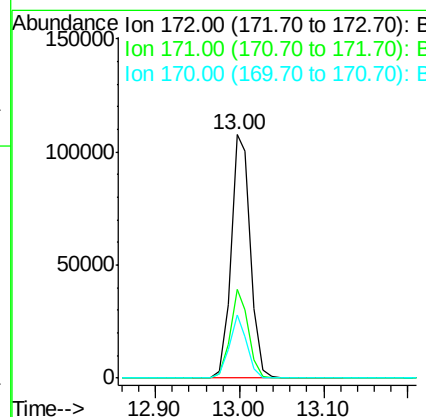
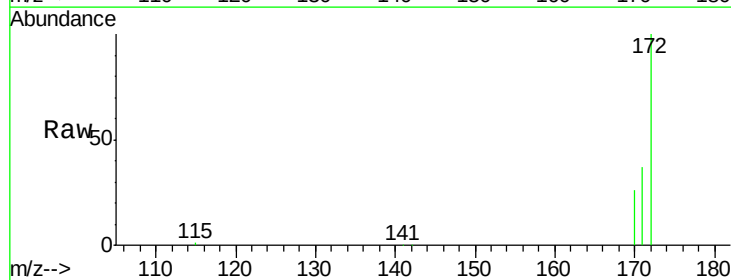
Instrument :
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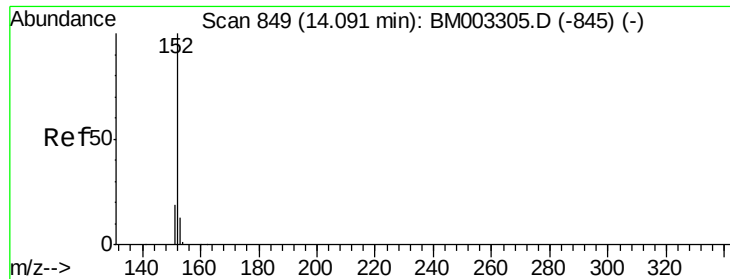
Tgt Ion:330 Resp: 31719
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.0 114.0
 141 0.0 0.0 0.0



#15
 2-Fluorobiphenyl
 Concen: 3.67 ng
 RT: 13.00 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BM003317.D
 Acq: 27 Nov 2015 22:46

Tgt Ion:172 Resp: 174238
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.0 42.0
 170 25.7 18.9 28.3





#16

Acenaphthylene

Concen: 0.02 ng

RT: 14.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BM003317.D

Acq: 27 Nov 2015 22:46

Instrument :

BNA_M

ClientSampleId :

DUP-111815-2

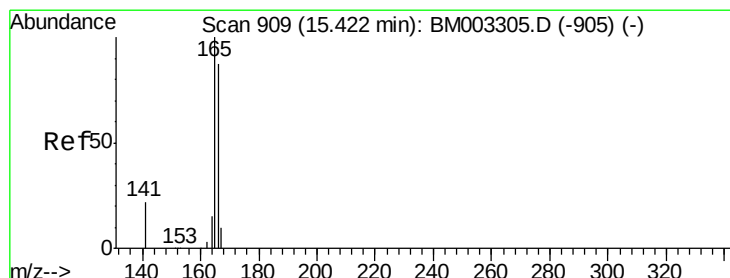
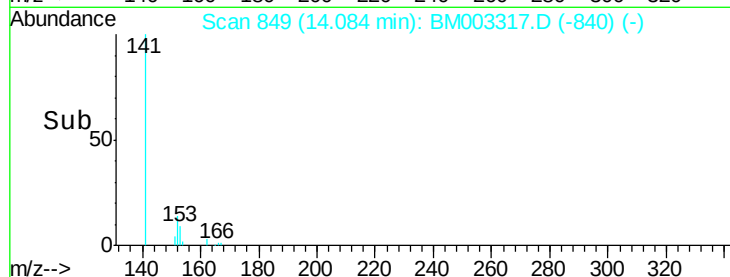
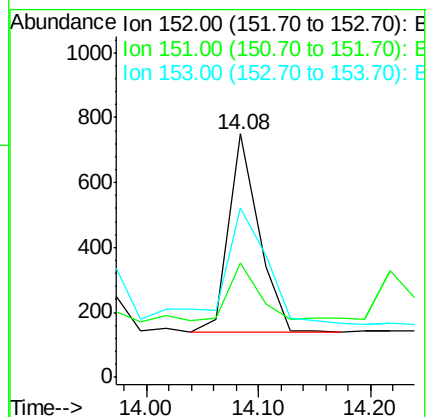
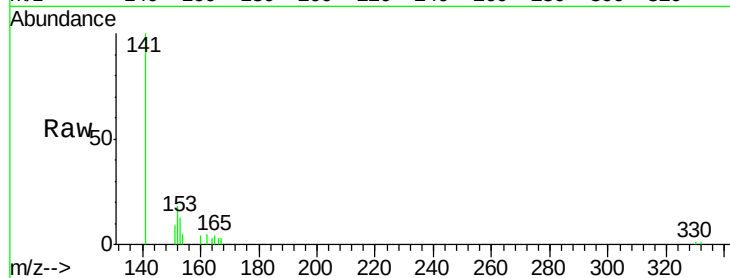
Tgt Ion:152 Resp: 1160

Ion Ratio Lower Upper

152 100

151 28.1 15.2 22.8#

153 74.0 10.4 15.6#



#18

Fluorene

Concen: 0.07 ng

RT: 15.44 min Scan# 910

Delta R.T. 0.02 min

Lab File: BM003317.D

Acq: 27 Nov 2015 22:46

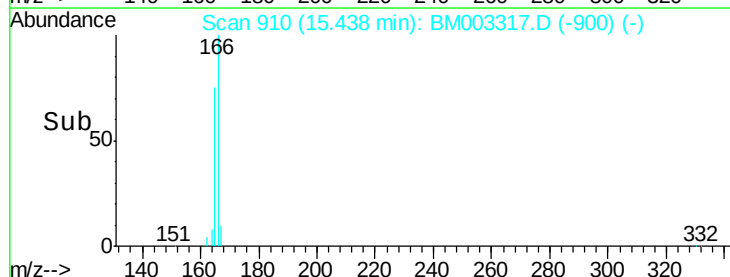
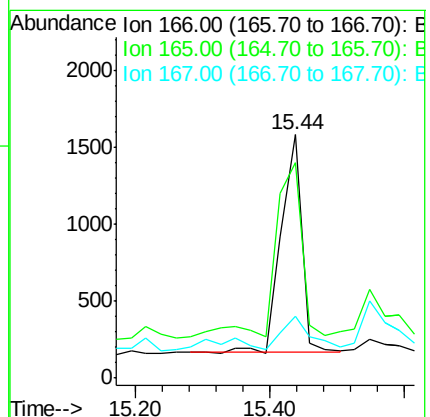
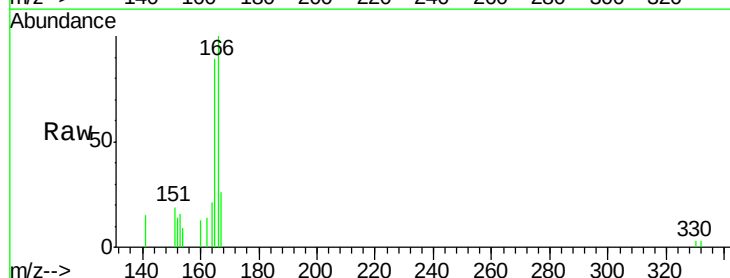
Tgt Ion:166 Resp: 3067

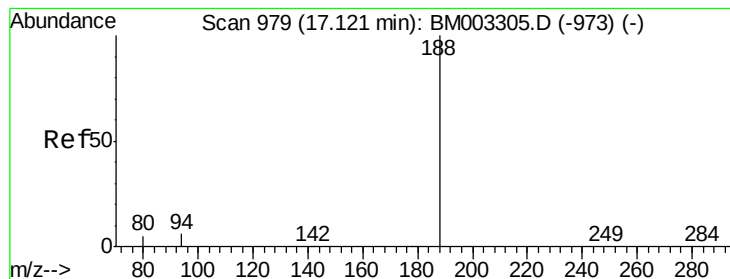
Ion Ratio Lower Upper

166 100

165 92.3 80.8 121.2

167 20.9 10.5 15.7#





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.11 min Scan# 979

Delta R.T. -0.01 min

Lab File: BM003317.D

Acq: 27 Nov 2015 22:46

Instrument :

BNA_M

ClientSampleId :

DUP-111815-2

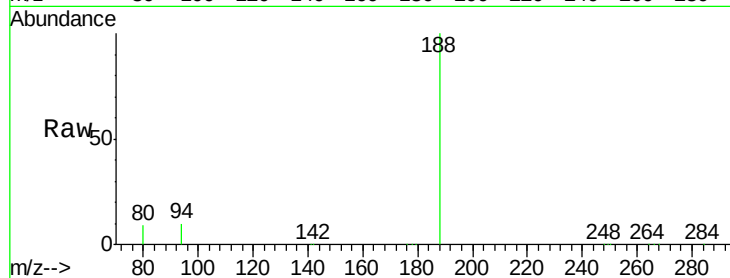
Tgt Ion:188 Resp: 301040

Ion Ratio Lower Upper

188 100

94 9.8 1.8 2.6#

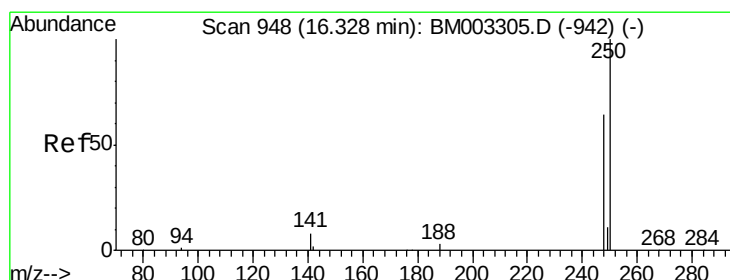
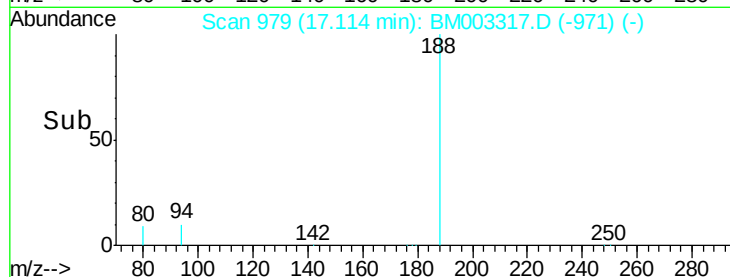
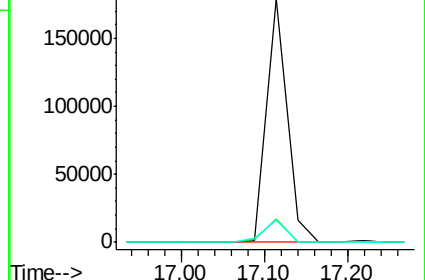
80 9.1 1.4 2.0#



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: 0.23 ng

RT: 16.32 min Scan# 948

Delta R.T. -0.01 min

Lab File: BM003317.D

Acq: 27 Nov 2015 22:46

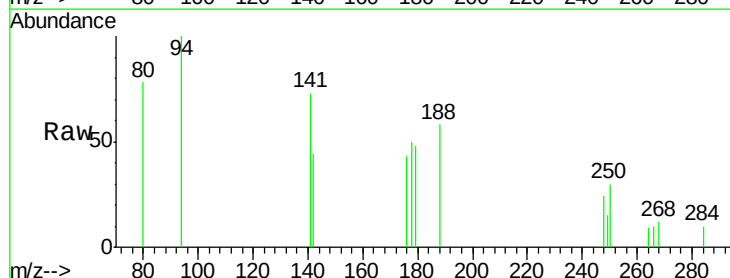
Tgt Ion:248 Resp: 146

Ion Ratio Lower Upper

248 100

250 108.9 65.4 98.0#

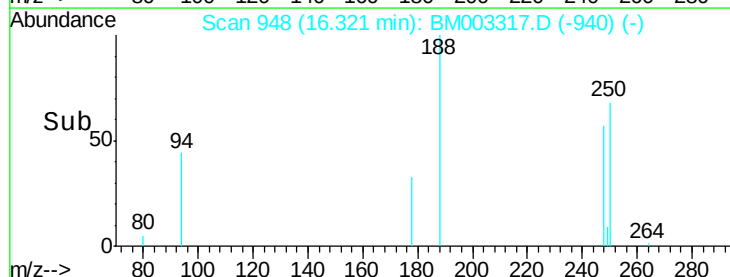
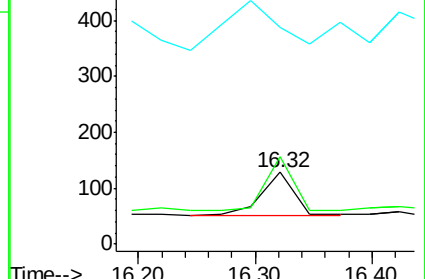
141 0.0 72.8 109.2#

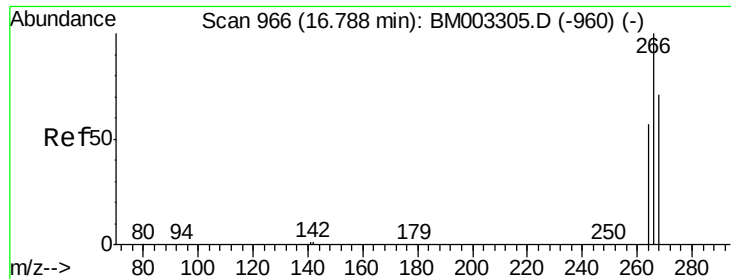


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#22

Pentachlorophenol

Concen: 0.21 ng

RT: 16.78 min Scan# 966

Delta R.T. -0.01 min

Lab File: BM003317.D

Acq: 27 Nov 2015 22:46

Instrument :

BNA_M

ClientSampleId :

DUP-111815-2

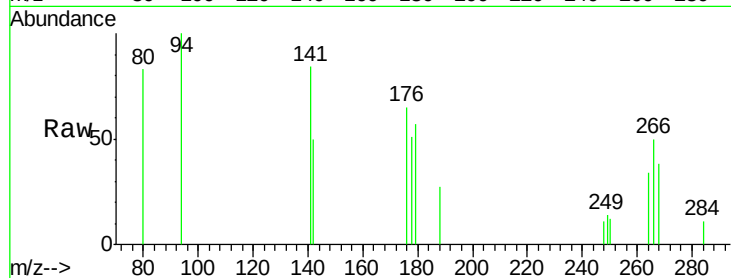
Tgt Ion:266 Resp: 414

Ion Ratio Lower Upper

266 100

268 75.5 45.8 68.8#

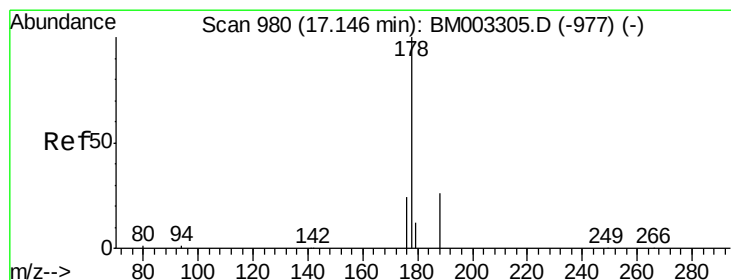
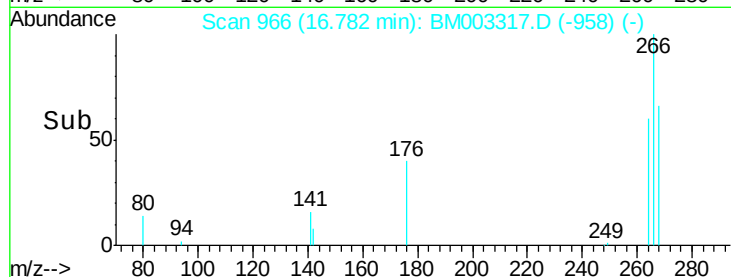
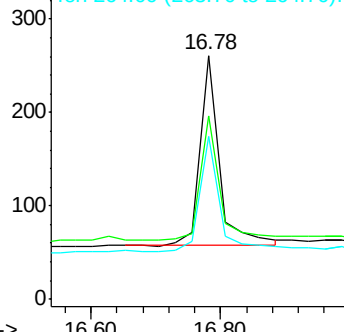
264 66.7 56.7 85.1



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: 0.14 ng

RT: 17.16 min Scan# 981

Delta R.T. 0.02 min

Lab File: BM003317.D

Acq: 27 Nov 2015 22:46

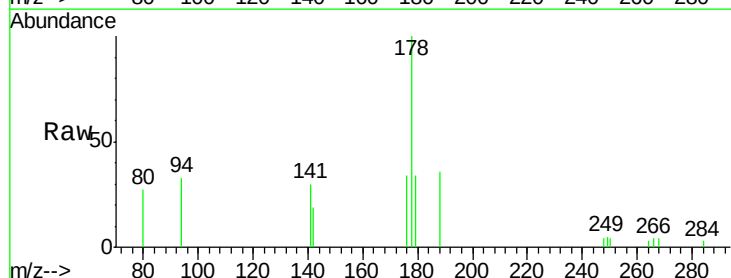
Tgt Ion:178 Resp: 2924

Ion Ratio Lower Upper

178 100

176 37.6 15.9 23.9#

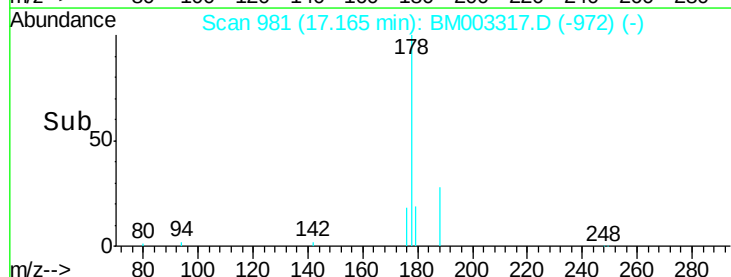
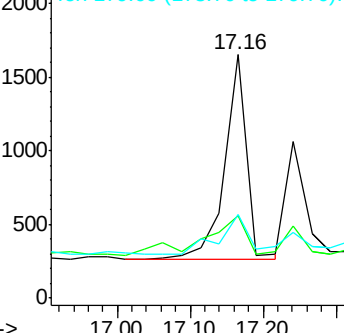
179 27.7 11.7 17.5#

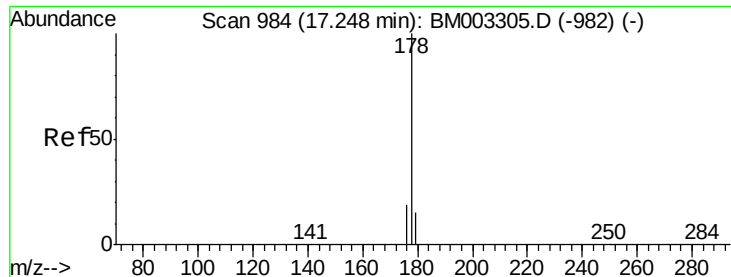


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.03 ng

RT: 17.24 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM003317.D

Acq: 27 Nov 2015 22:46

Instrument :

BNA_M

ClientSampleId :

DUP-111815-2

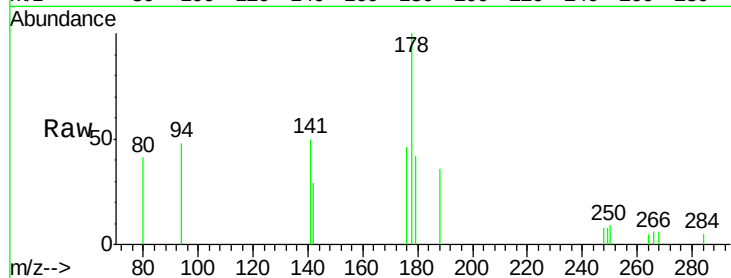
Tgt Ion:178 Resp: 1471

Ion Ratio Lower Upper

178 100

176 21.3 14.1 21.1#

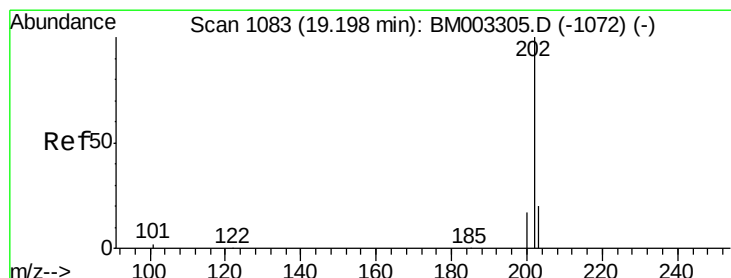
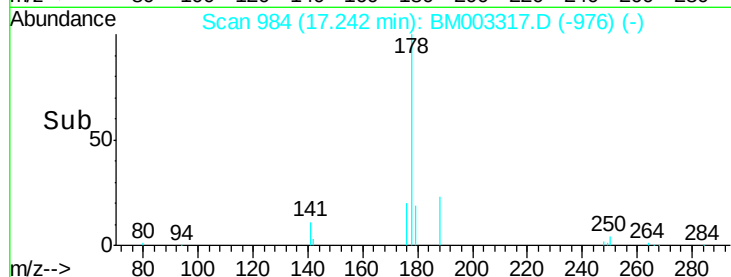
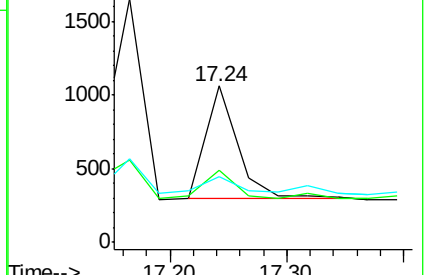
179 14.6 12.8 19.2



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



#25

Fluoranthene

Concen: 0.03 ng

RT: 19.19 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BM003317.D

Acq: 27 Nov 2015 22:46

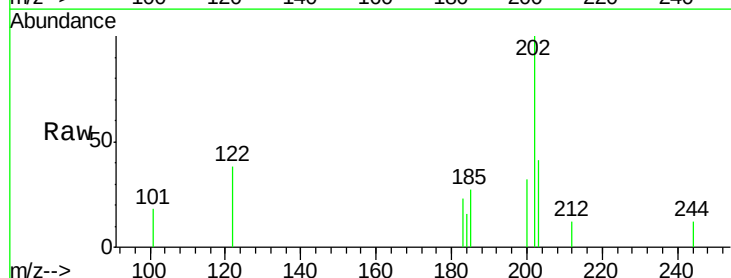
Tgt Ion:202 Resp: 1676

Ion Ratio Lower Upper

202 100

101 20.0 9.9 14.9#

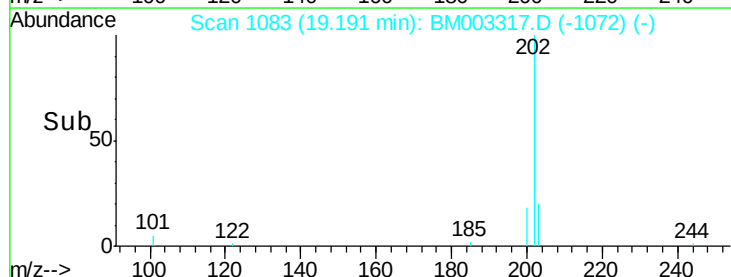
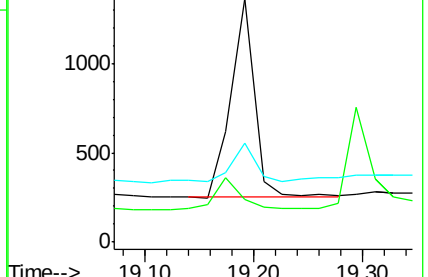
203 22.6 13.9 20.9#

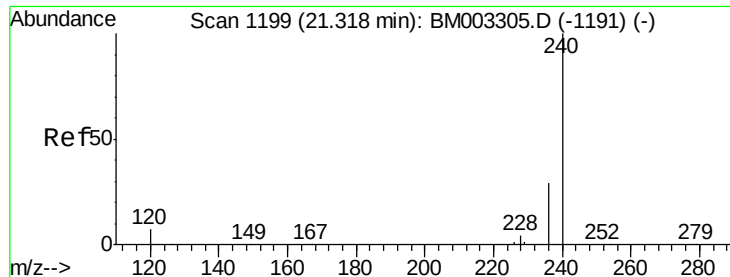


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

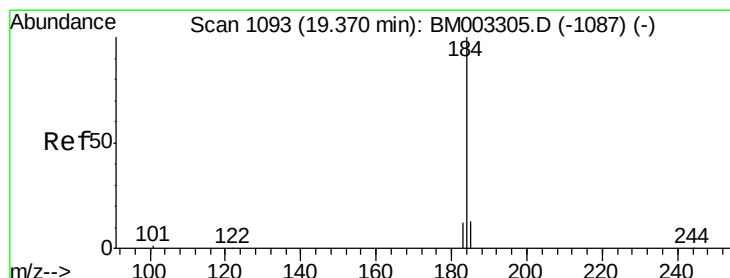
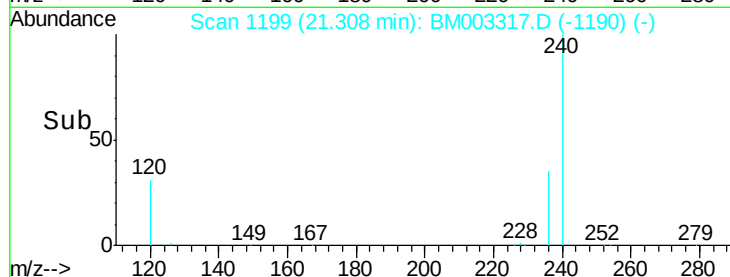
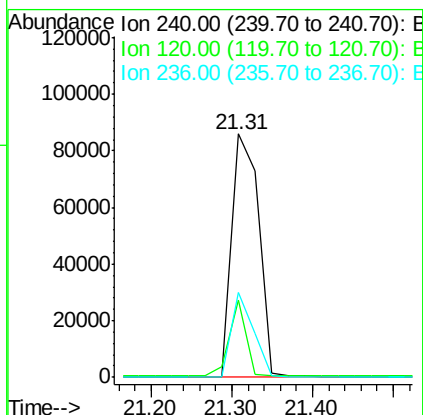
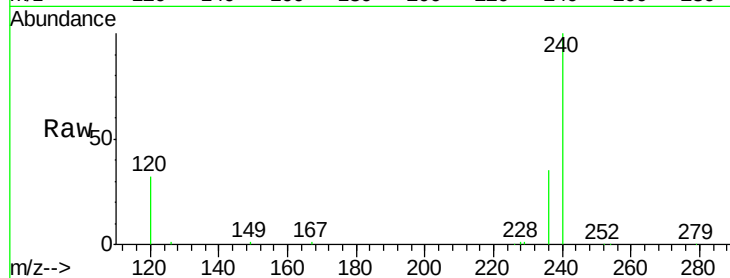




#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BM003317.D
Acq: 27 Nov 2015 22:46

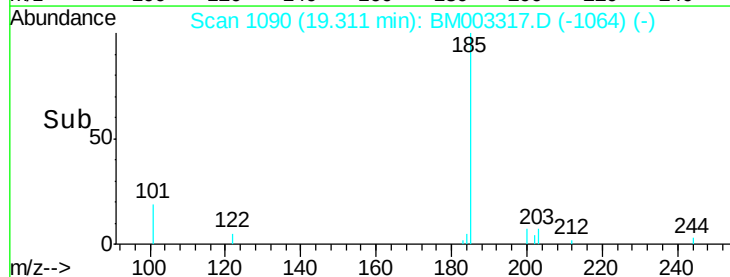
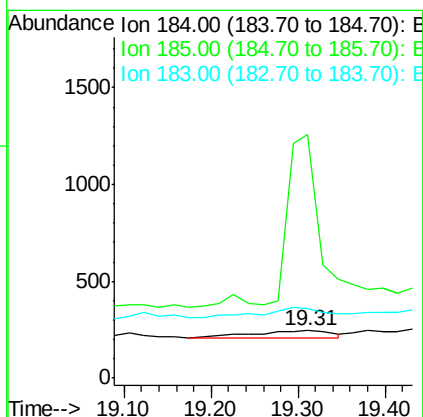
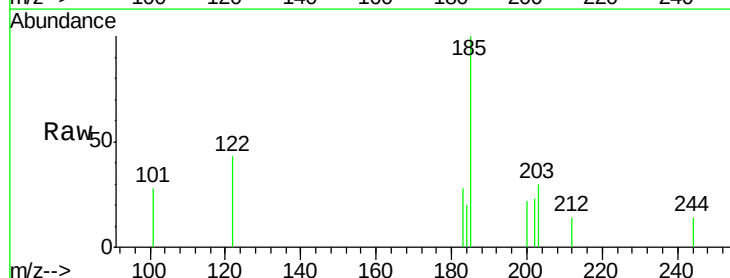
Instrument :
BNA_M
ClientSampleId :
DUP-111815-2

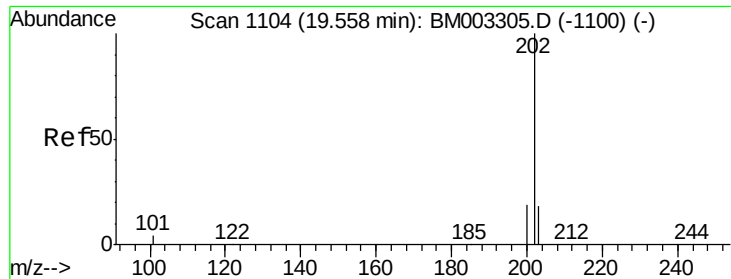
Tgt Ion:240 Resp: 198871
Ion Ratio Lower Upper
240 100
120 31.7 1.0 1.4#
236 34.7 17.9 26.9#



#27
Benzidine
Concen: 0.14 ng
RT: 19.31 min Scan# 1090
Delta R.T. -0.06 min
Lab File: BM003317.D
Acq: 27 Nov 2015 22:46

Tgt Ion:184 Resp: 241
Ion Ratio Lower Upper
184 100
185 511.4 11.6 17.4#
183 145.1 8.6 13.0#

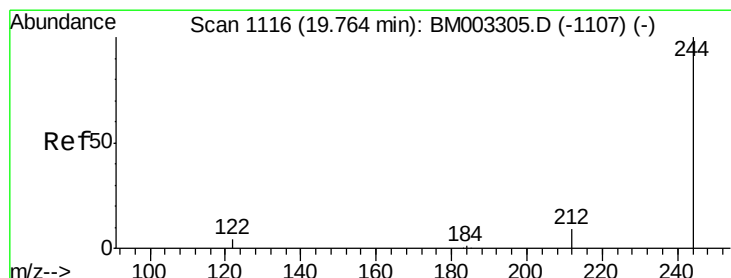
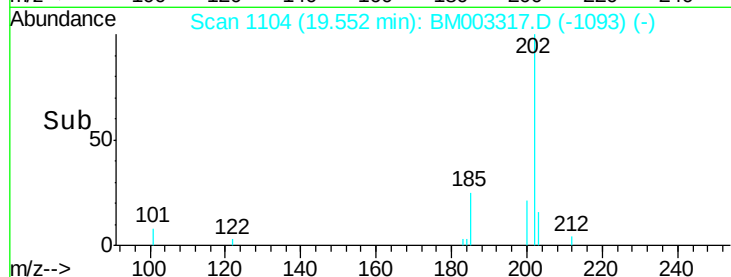
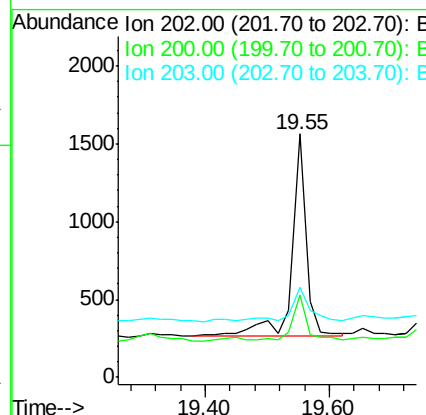
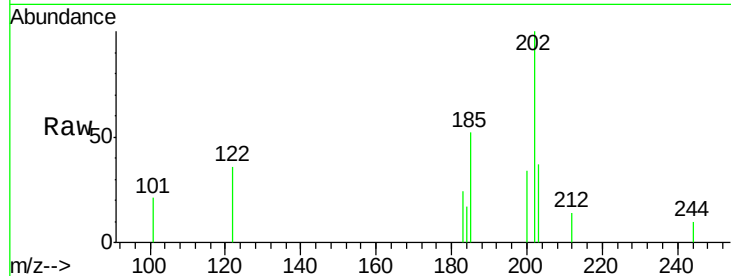




#28
 Pyrene
 Concen: 0.03 ng
 RT: 19.55 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BM003317.D
 Acq: 27 Nov 2015 22:46

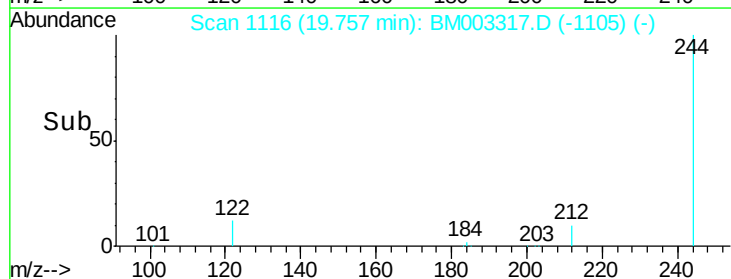
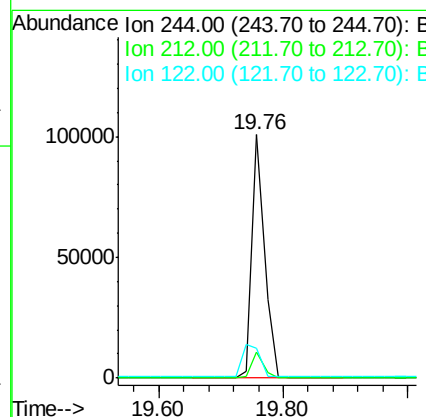
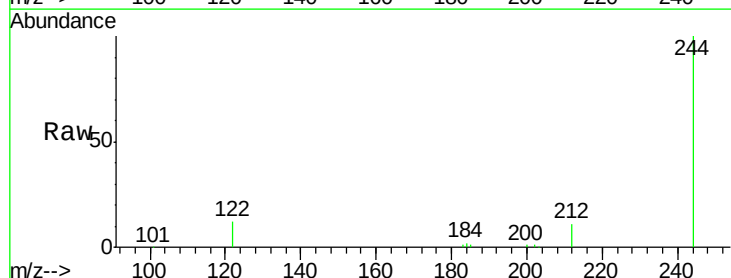
Instrument :
 BNA_M
 ClientSampleId :
 DUP-111815-2

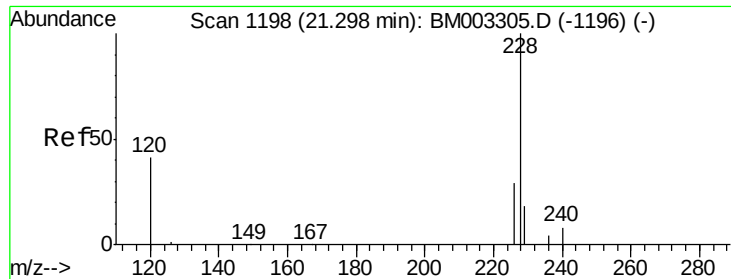
Tgt Ion: 202 Resp: 2067
 Ion Ratio Lower Upper
 202 100
 200 19.8 16.7 25.1
 203 19.8 13.8 20.6



#29
 Terphenyl-d14
 Concen: 5.08 ng
 RT: 19.76 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BM003317.D
 Acq: 27 Nov 2015 22:46

Tgt Ion: 244 Resp: 140921
 Ion Ratio Lower Upper
 244 100
 212 10.6 6.5 9.7#
 122 12.3 2.0 3.0#

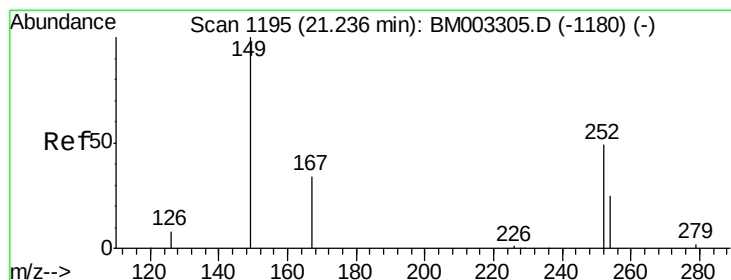
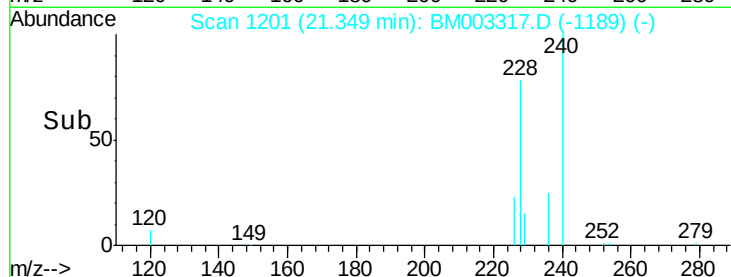
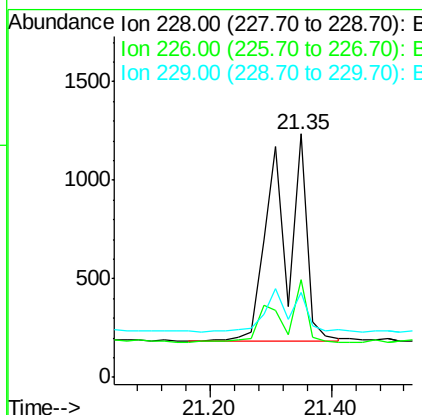
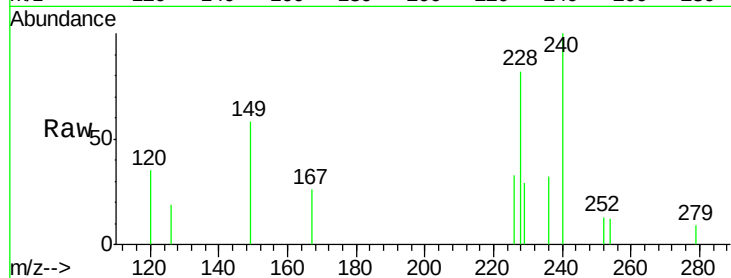




#30
Benzo(a)anthracene
Concen: 0.07 ng
RT: 21.35 min Scan# 1201
Delta R.T. 0.05 min
Lab File: BM003317.D
Acq: 27 Nov 2015 22:46

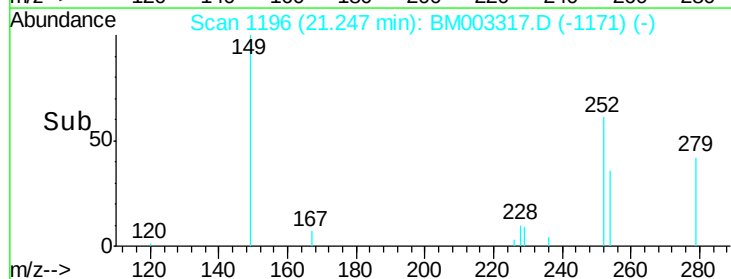
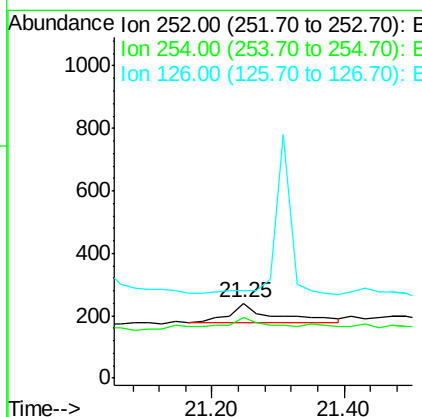
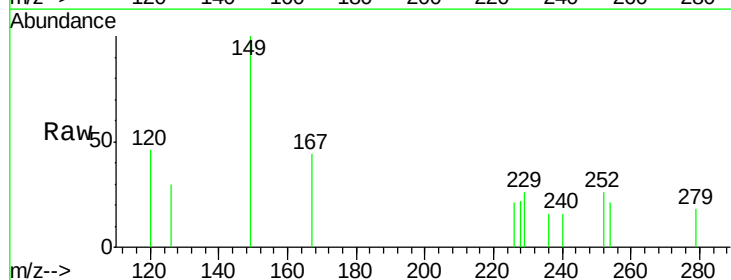
Instrument :
BNA_M
ClientSampleId :
DUP-111815-2

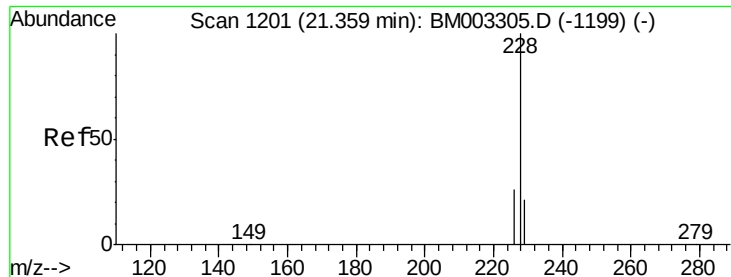
Tgt Ion:228 Resp: 3624
Ion Ratio Lower Upper
228 100
226 40.2 17.8 26.6#
229 35.1 18.0 27.0#



#31
3,3'-Dichlorobenzidine
Concen: 0.19 ng
RT: 21.25 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BM003317.D
Acq: 27 Nov 2015 22:46

Tgt Ion:252 Resp: 315
Ion Ratio Lower Upper
252 100
254 81.3 53.7 80.5#
126 115.8 2.8 4.2#





#32

Chrysene

Concen: 0.07 ng

RT: 21.35 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BM003317.D

Acq: 27 Nov 2015 22:46

Instrument :

BNA_M

ClientSampleId :

DUP-111815-2

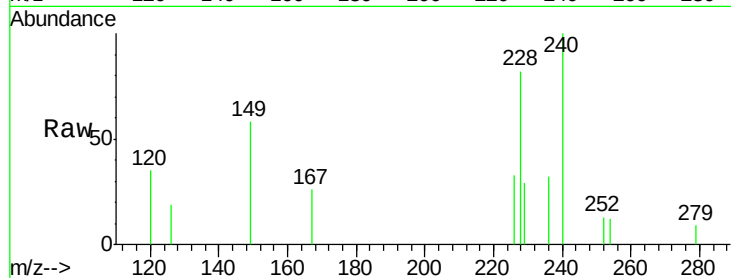
Tgt Ion:228 Resp: 3614

Ion Ratio Lower Upper

228 100

226 40.2 25.5 38.3#

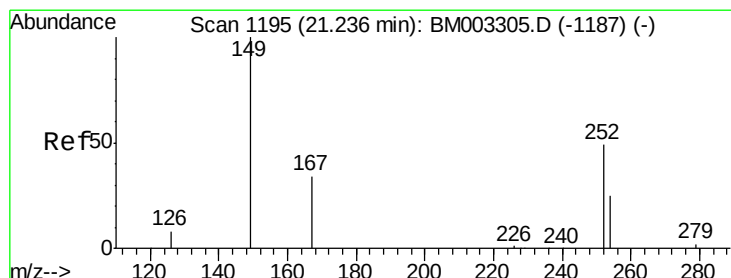
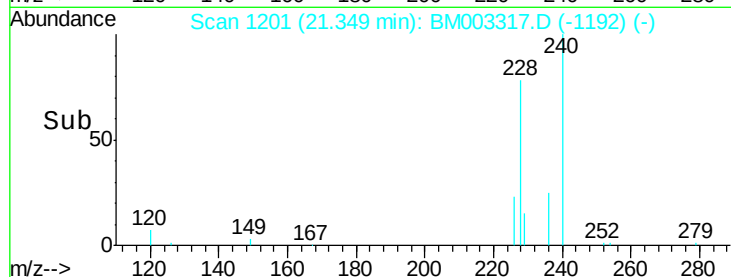
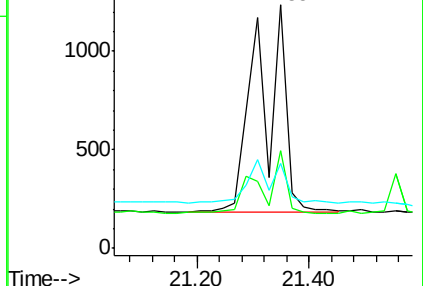
229 35.1 14.3 21.5#



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



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.24 ng

RT: 21.23 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BM003317.D

Acq: 27 Nov 2015 22:46

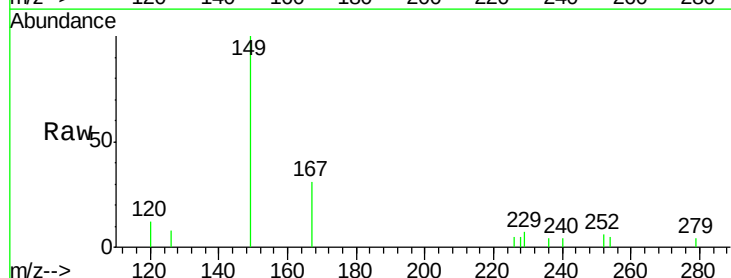
Tgt Ion:149 Resp: 3623

Ion Ratio Lower Upper

149 100

167 25.9 19.6 29.4

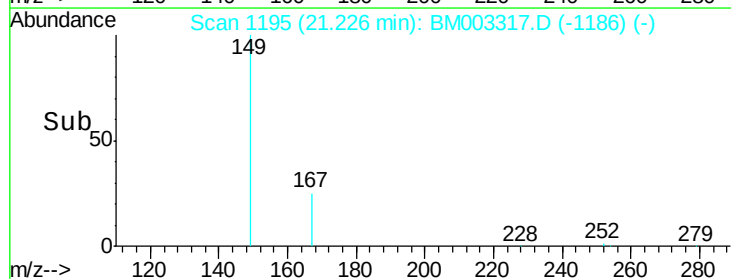
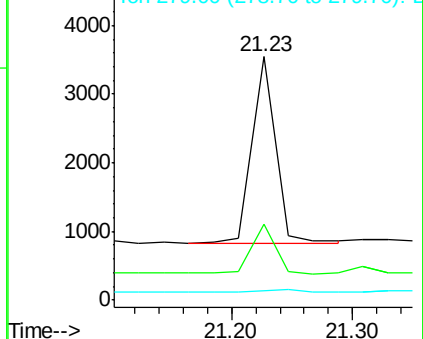
279 0.0 0.0 0.0

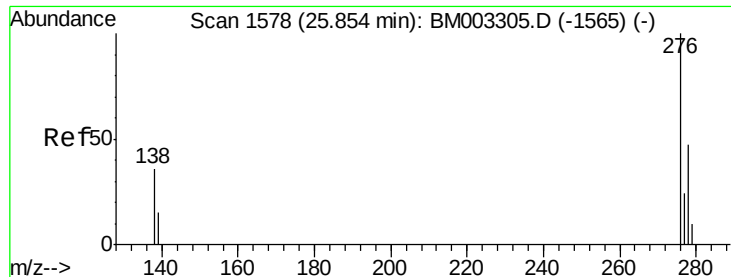


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

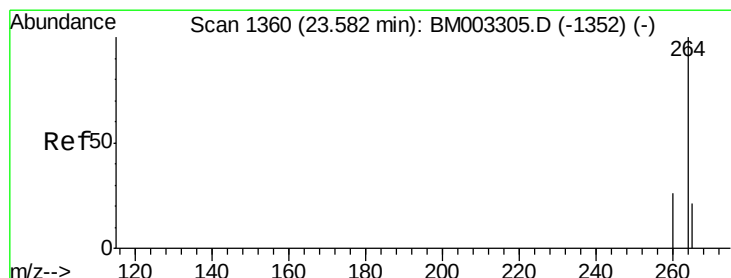
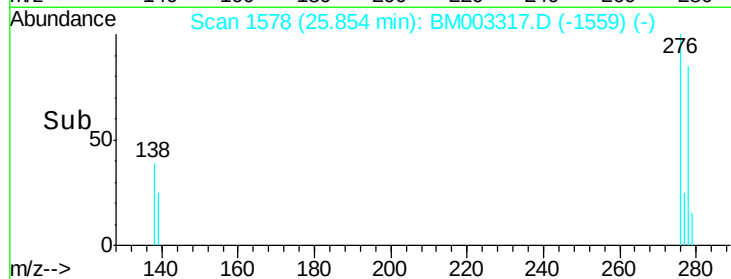
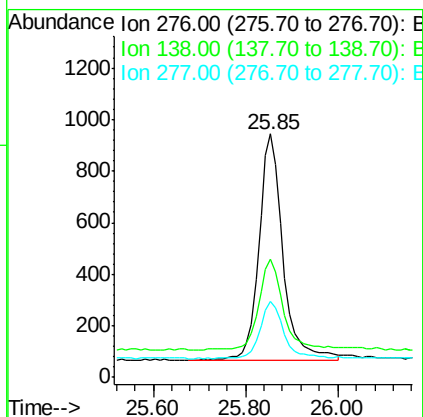
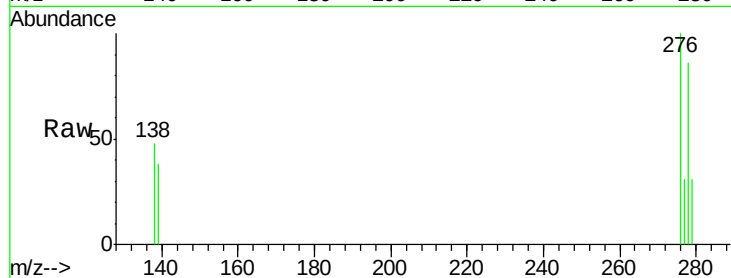




#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.07 ng
 RT: 25.85 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BM003317.D
 Acq: 27 Nov 2015 22:46

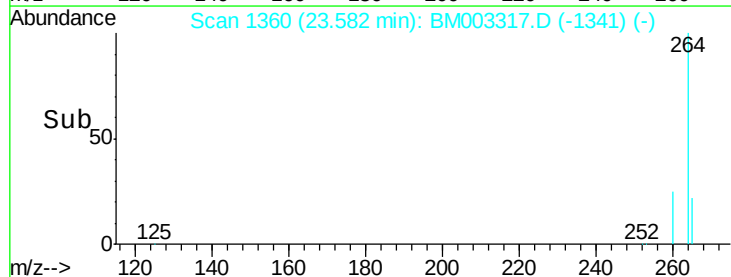
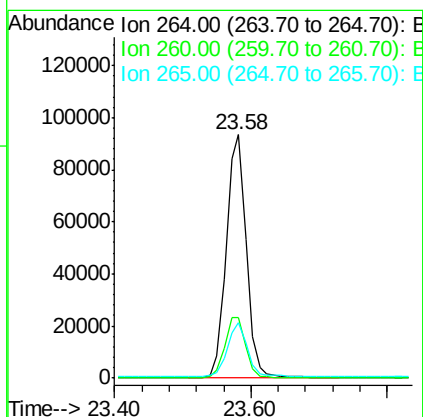
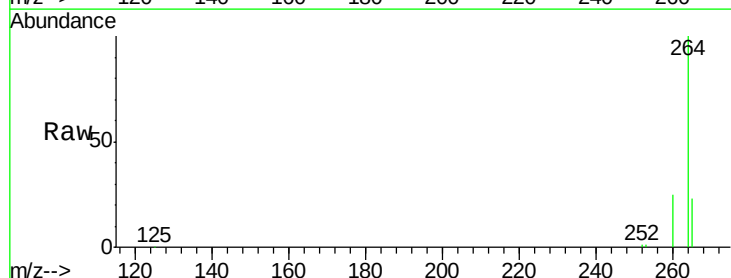
Instrument :
 BNA_M
 ClientSampleId :
 DUP-111815-2

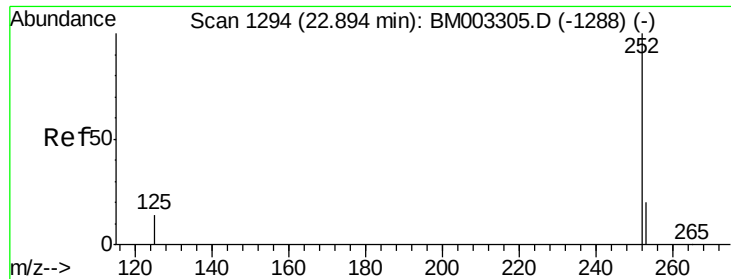
Tgt Ion: 276 Resp: 3150
 Ion Ratio Lower Upper
 276 100
 138 39.5 19.1 28.7#
 277 25.3 15.9 23.9#



#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.58 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BM003317.D
 Acq: 27 Nov 2015 22:46

Tgt Ion: 264 Resp: 189615
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.6 29.4
 265 22.6 18.4 27.6





#36

Benzo(b)fluoranthene

Concen: 0.02 ng

RT: 22.89 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BM003317.D

Acq: 27 Nov 2015 22:46

Instrument :

BNA_M

ClientSampleId :

DUP-111815-2

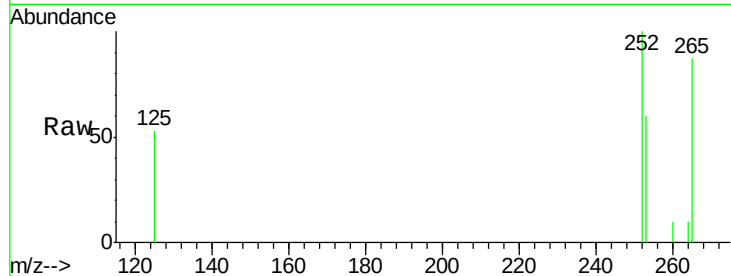
Tgt Ion: 252 Resp: 1346

Ion Ratio Lower Upper

252 100

253 60.1 18.2 27.4#

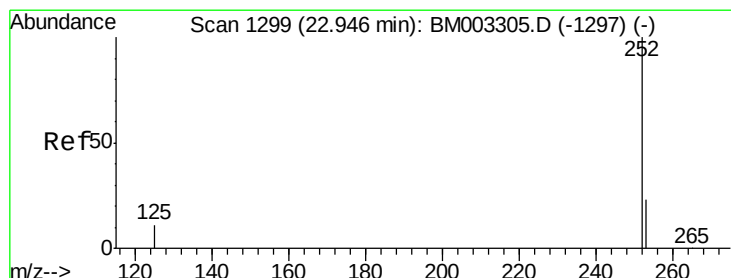
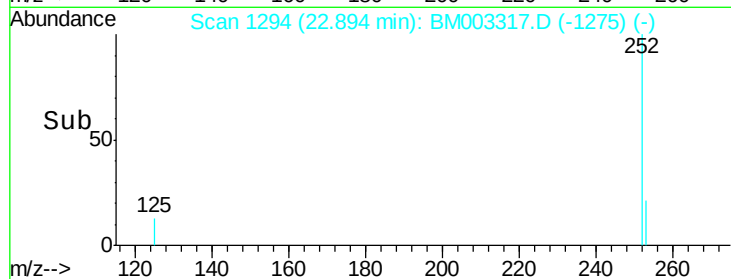
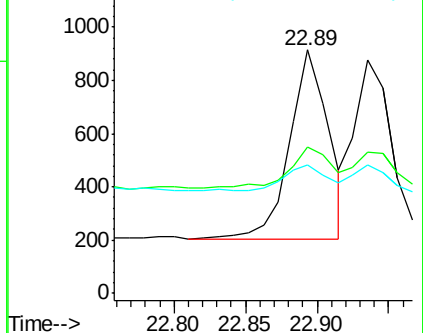
125 52.6 10.3 15.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#37

Benzo(k)fluoranthene

Concen: 0.03 ng

RT: 22.94 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM003317.D

Acq: 27 Nov 2015 22:46

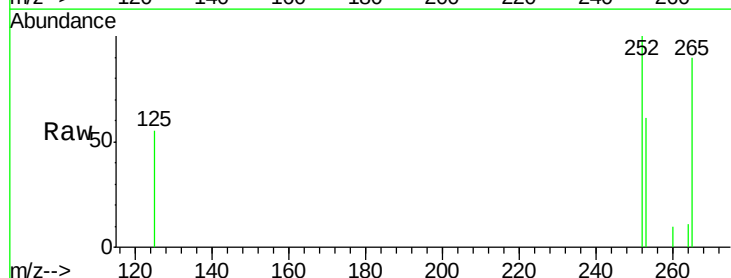
Tgt Ion: 252 Resp: 1228

Ion Ratio Lower Upper

252 100

253 60.7 17.5 26.3#

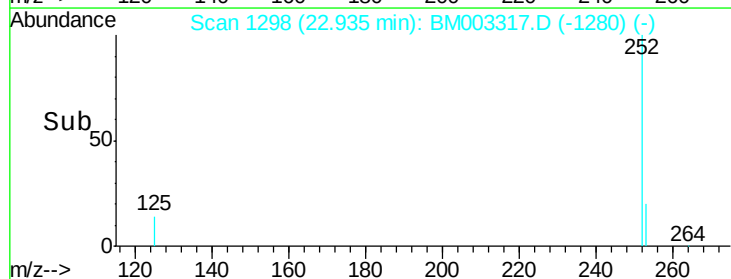
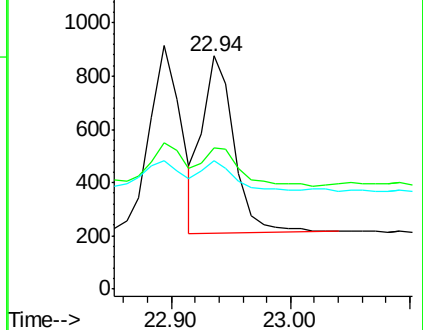
125 55.1 10.7 16.1#

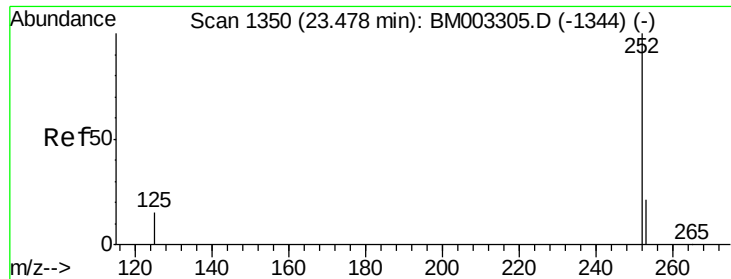


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Benzo(a)pyrene

Concen: 0.03 ng

RT: 23.48 min Scan# 1350

Delta R.T. -0.00 min

Lab File: BM003317.D

Acq: 27 Nov 2015 22:46

Instrument :

BNA_M

ClientSampleId :

DUP-111815-2

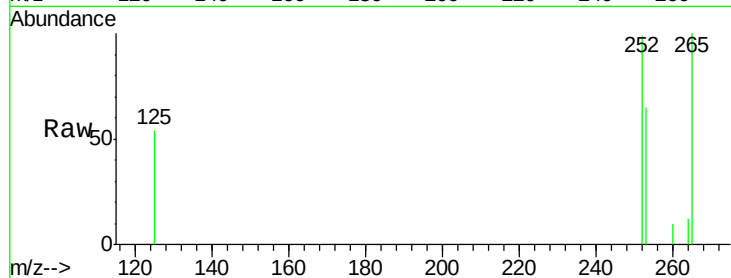
Tgt Ion:252 Resp: 1292

Ion Ratio Lower Upper

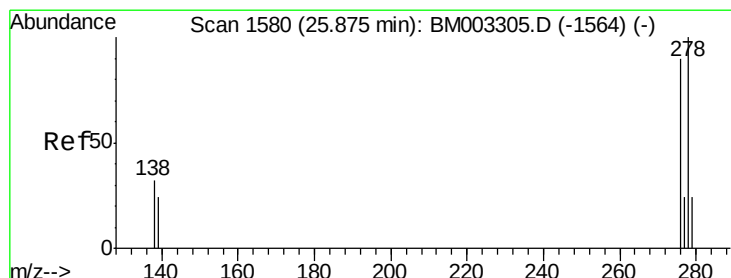
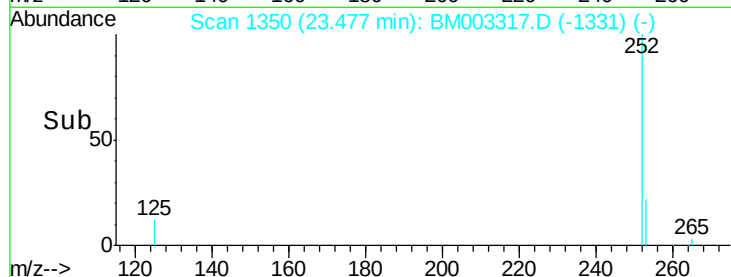
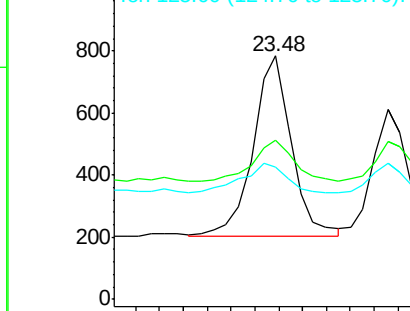
252 100

253 65.3 18.7 28.1#

125 54.3 11.6 17.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#39

Dibenzo(a,h)anthracene

Concen: 0.09 ng

RT: 25.86 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BM003317.D

Acq: 27 Nov 2015 22:46

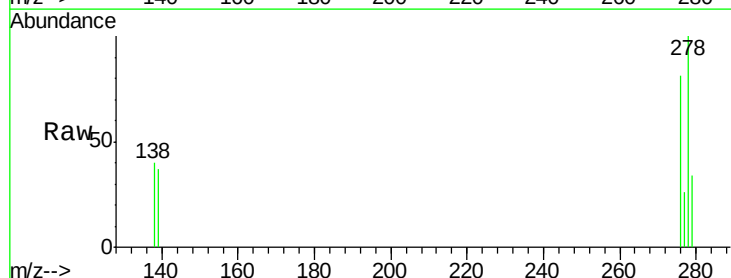
Tgt Ion:278 Resp: 3334

Ion Ratio Lower Upper

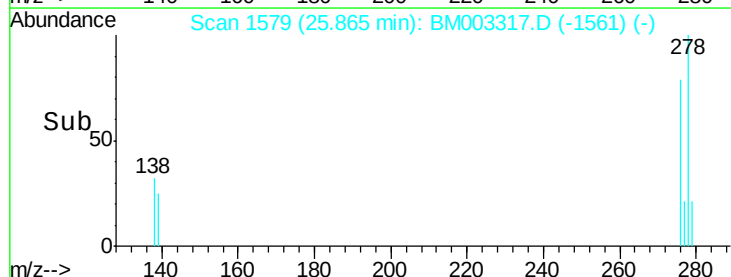
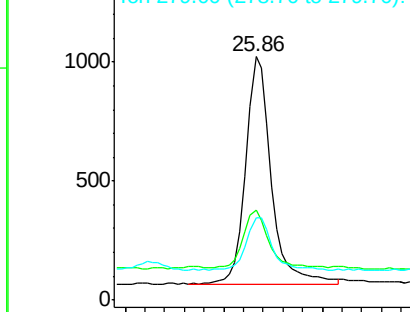
278 100

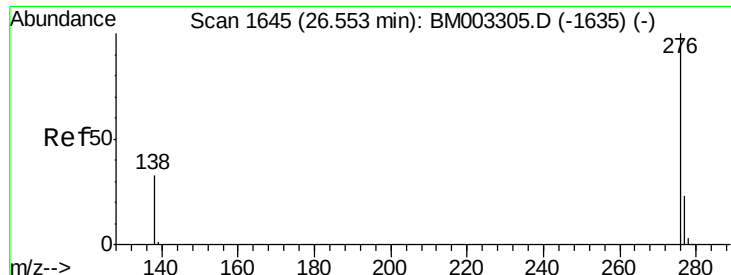
139 36.8 18.2 27.4#

279 33.8 18.8 28.2#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#40

Benzo(g,h,i)perylene

Concen: 0.04 ng

RT: 26.55 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BM003317.D

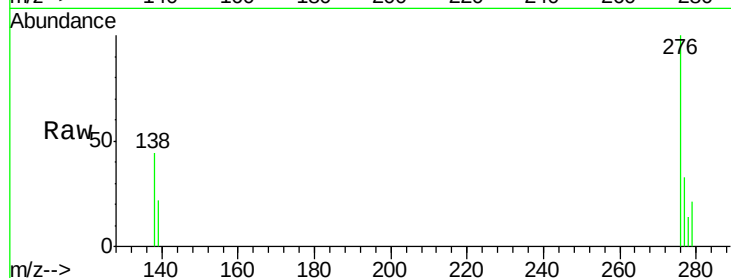
Acq: 27 Nov 2015 22:46

Instrument :

BNA_M

ClientSampleId :

DUP-111815-2



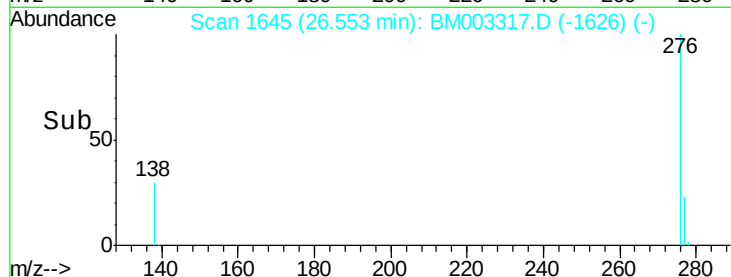
Tgt Ion: 276 Resp: 1909

Ion Ratio Lower Upper

276 100

277 32.6 19.0 28.6#

138 44.5 22.3 33.5#



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

26.55

600

400

200

0

Time-->