

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM113015\
 Data File : BM003323.D
 Acq On : 30 Nov 2015 17:48
 Operator : UM/IZ
 Sample : G4221-26DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-PAH-SOILDL

Quant Time: Dec 01 02:47:17 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	7.72	152	67885	5.00	ng	-0.02
7) Naphthalene-d8	10.51	136	292918	5.00	ng	-0.02
13) Acenaphthene-d10	14.37	164	173471	5.00	ng	0.00
19) Phenanthrene-d10	17.11	188	407961	5.00	ng	0.00
26) Chrysene-d12	21.33	240	248832	5.00	ng	0.01
35) Perylene-d12	23.59	264	189000	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	49258	3.68	ng	0.00
5) Phenol-d6	6.88	99	68903	4.49	ng	-0.02
8) Nitrobenzene-d5	8.88	82	28904	2.22	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	18402	4.67	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	99305	1.77	ng	0.00
29) Terphenyl-d14	19.76	244	83377	2.40	ng	0.00

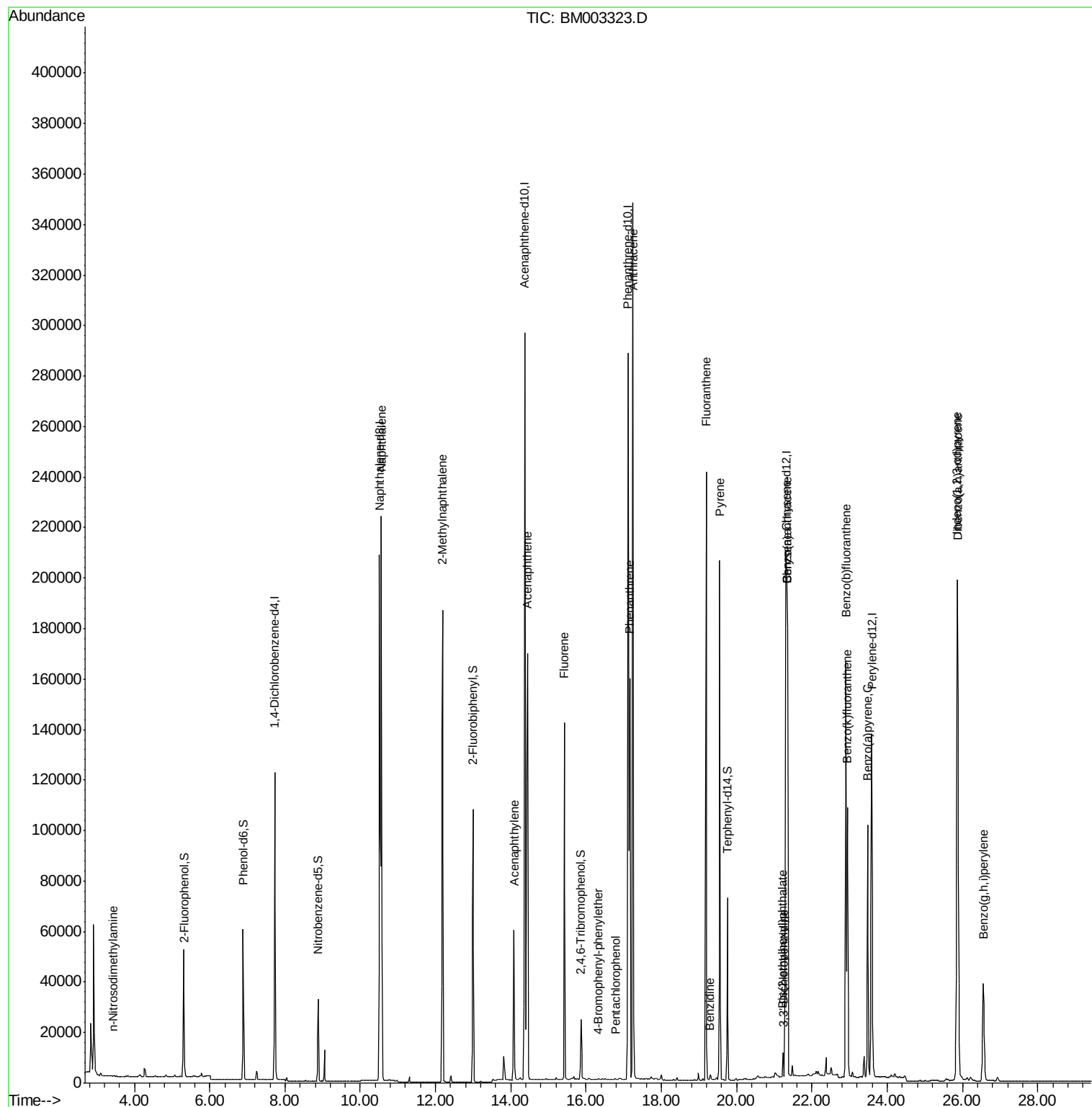
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.44	42	201	0.03	ng	# 1
10) Naphthalene	10.56	128	301763	4.77	ng	98
12) 2-Methylnaphthalene	12.18	142	134126	3.38	ng	95
16) Acenaphthylene	14.08	152	70074	1.10	ng	100
17) Acenaphthene	14.44	154	135985	2.77	ng	# 100
18) Fluorene	15.42	166	128315	2.59	ng	98
20) 4-Bromophenyl-phenylether	16.32	248	29	0.21	ng	# 20
22) Pentachlorophenol	16.78	266	107	0.11	ng	# 76
23) Phenanthrene	17.17	178	274014	2.97	ng	97
24) Anthracene	17.24	178	428475	5.63	ng	97
25) Fluoranthene	19.19	202	259830	2.92	ng	100
27) Benzidine	19.29	184	218	0.13	ng	# 1
28) Pyrene	19.55	202	187922	2.47	ng	98
30) Benzo(a)anthracene	21.35	228	295118	4.68	ng	# 83
31) 3,3'-Dichlorobenzidine	21.25	252	65	0.17	ng	# 55
32) Chrysene	21.35	228	295043	4.19	ng	97
33) Bis(2-ethylhexyl)phthalate	21.23	149	12263	0.66	ng	# 96
34) Indeno(1,2,3-cd)pyrene	25.86	276	209135	3.62	ng	# 79
36) Benzo(b)fluoranthene	22.90	252	210160	3.86	ng	98
37) Benzo(k)fluoranthene	22.94	252	131144	2.68	ng	97
38) Benzo(a)pyrene	23.48	252	140531	3.24	ng	99
39) Dibenzo(a,h)anthracene	25.87	278	193246	5.16	ng	97
40) Benzo(g,h,i)perylene	26.56	276	77360	1.72	ng	96

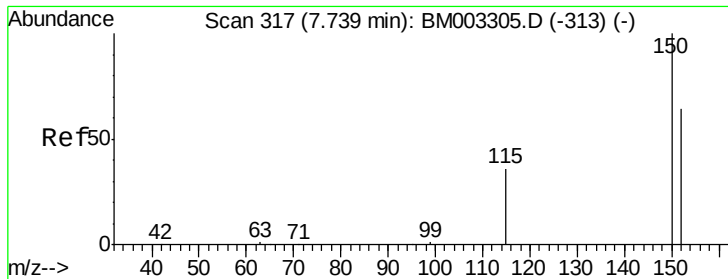
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.72 min Scan# 316

Delta R.T. -0.02 min

Lab File: BM003323.D

Acq: 30 Nov 2015 17:48

Instrument :

BNA_M

ClientSampleId :

PT-PAH-SOILDL

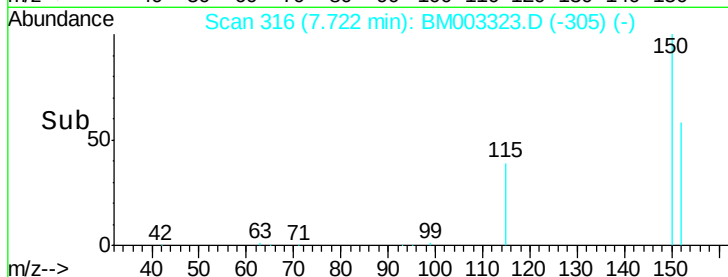
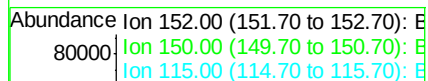
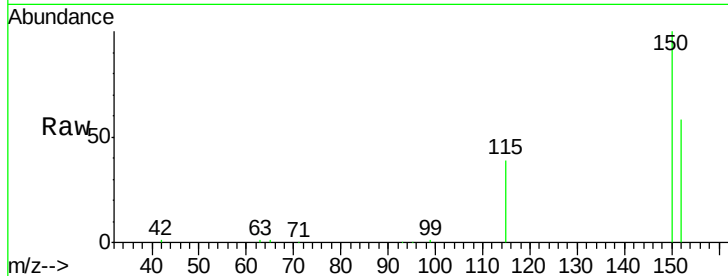
Tgt Ion:152 Resp: 67885

Ion Ratio Lower Upper

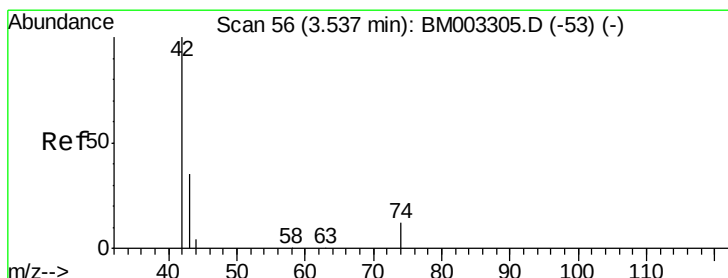
152 100

150 171.5 143.6 215.4

115 67.1 58.5 87.7



Time-->



#3

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.44 min Scan# 50

Delta R.T. -0.09 min

Lab File: BM003323.D

Acq: 30 Nov 2015 17:48

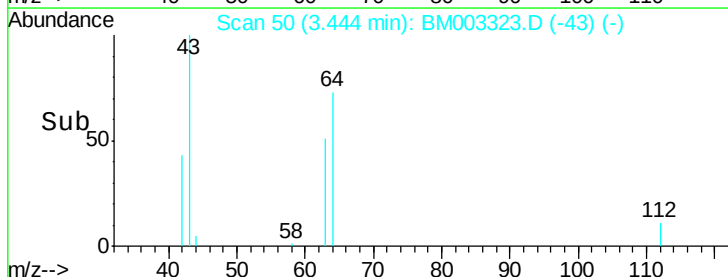
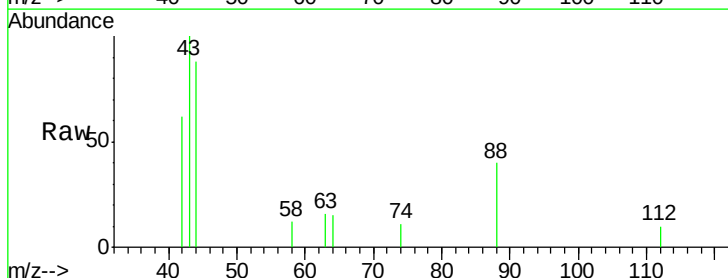
Tgt Ion: 42 Resp: 201

Ion Ratio Lower Upper

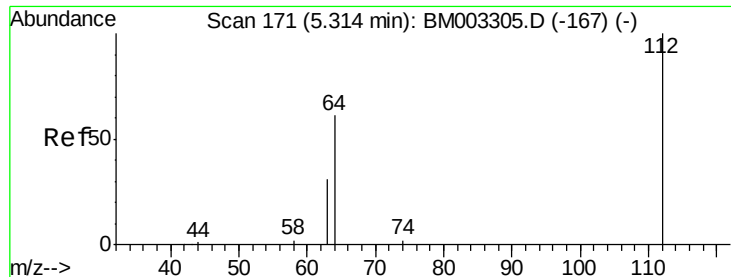
42 100

74 0.0 101.0 151.4#

44 8.5 6.3 9.5



Time-->



#4

2-Fluorophenol

Concen: 3.68 ng

RT: 5.31 min Scan# 171

Delta R.T. 0.00 min

Lab File: BM003323.D

Acq: 30 Nov 2015 17:48

Instrument :

BNA_M

ClientSampleId :

PT-PAH-SOILDL

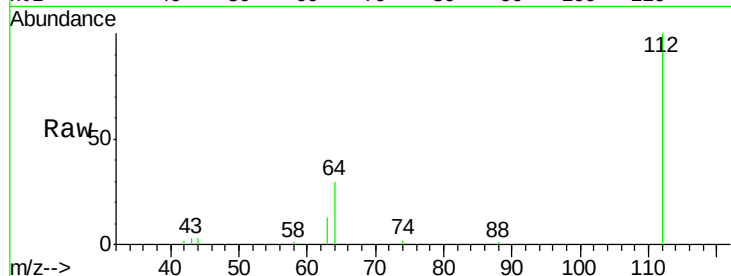
Tgt Ion: 112 Resp: 49258

Ion Ratio Lower Upper

112 100

64 50.7 41.2 61.8

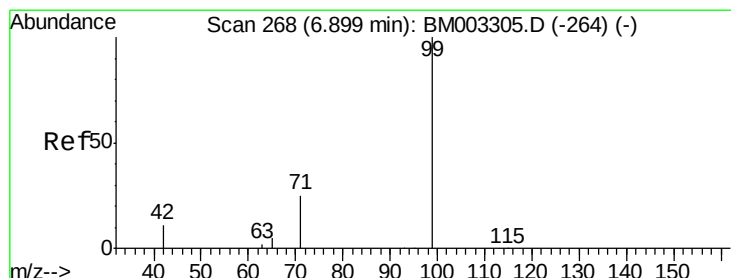
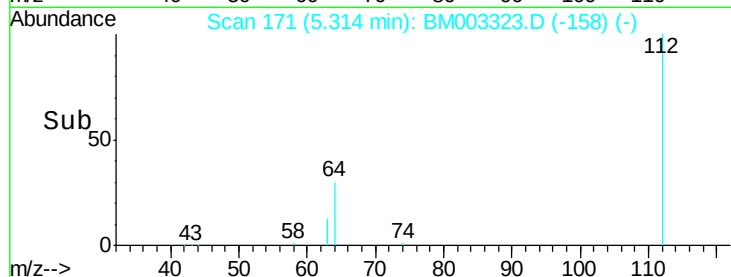
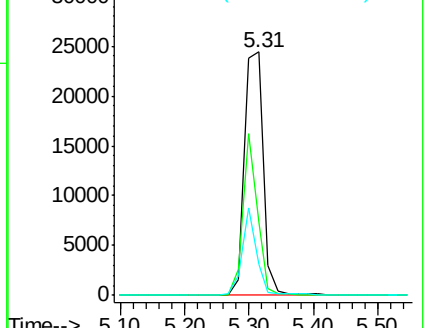
63 26.4 21.2 31.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 4.49 ng

RT: 6.88 min Scan# 267

Delta R.T. -0.02 min

Lab File: BM003323.D

Acq: 30 Nov 2015 17:48

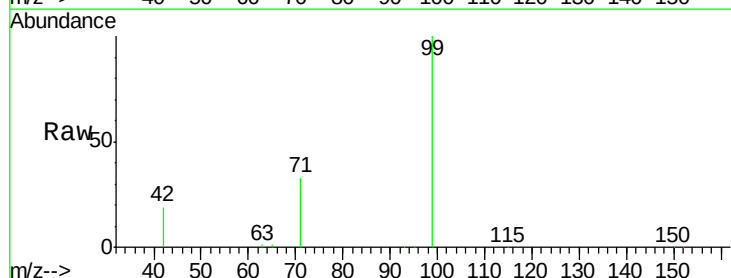
Tgt Ion: 99 Resp: 68903

Ion Ratio Lower Upper

99 100

42 17.5 14.6 22.0

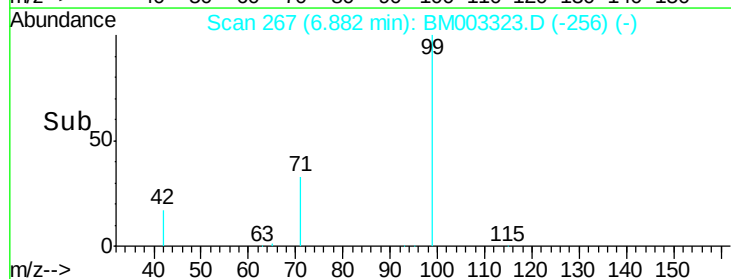
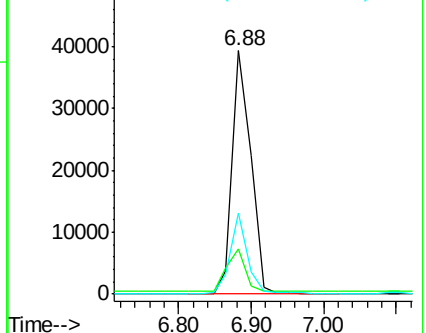
71 29.6 23.3 34.9

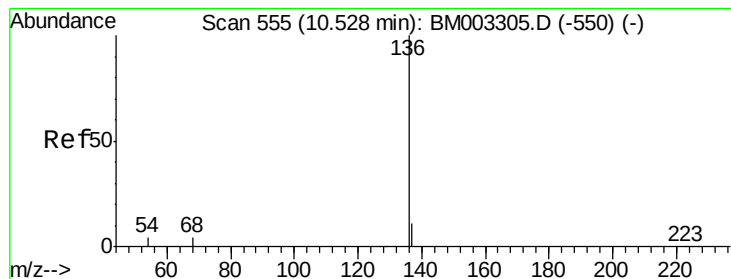


Abundance Ion 99.00 (98.70 to 99.70): B

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: 10.51 min Scan# 554

Delta R.T. -0.02 min

Lab File: BM003323.D

Acq: 30 Nov 2015 17:48

Instrument :

BNA_M

ClientSampleId :

PT-PAH-SOILDL

Tgt Ion:136 Resp: 292918

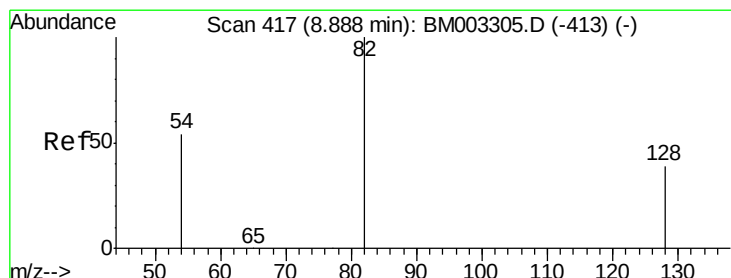
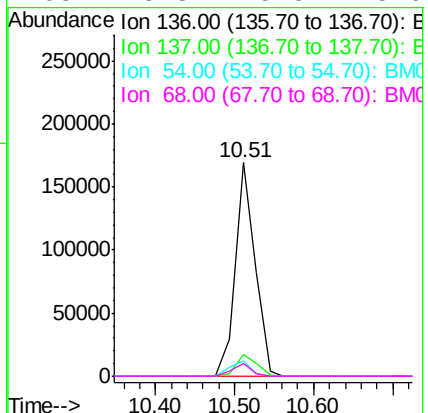
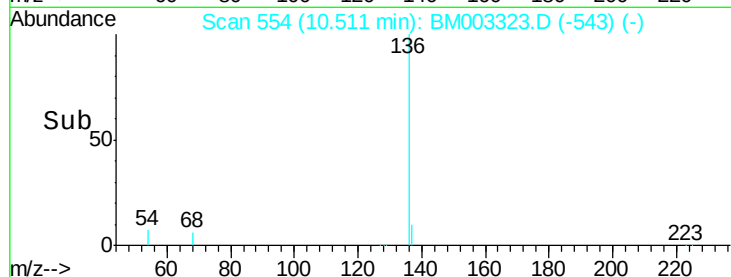
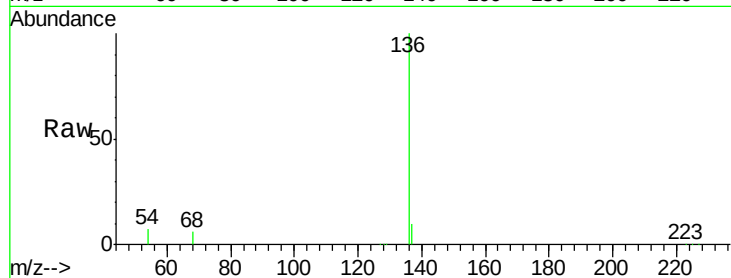
Ion Ratio Lower Upper

136 100

137 10.4 8.0 12.0

54 7.0 7.4 11.0#

68 5.8 5.8 8.6#



#8

Nitrobenzene-d5

Concen: 2.22 ng

RT: 8.88 min Scan# 416

Delta R.T. -0.01 min

Lab File: BM003323.D

Acq: 30 Nov 2015 17:48

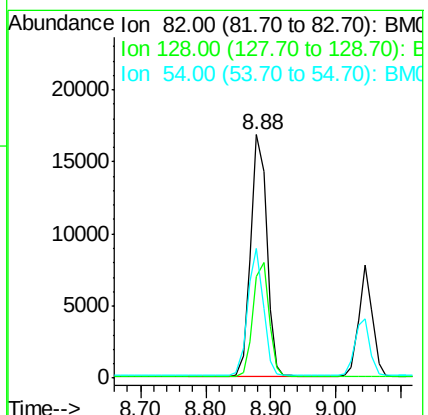
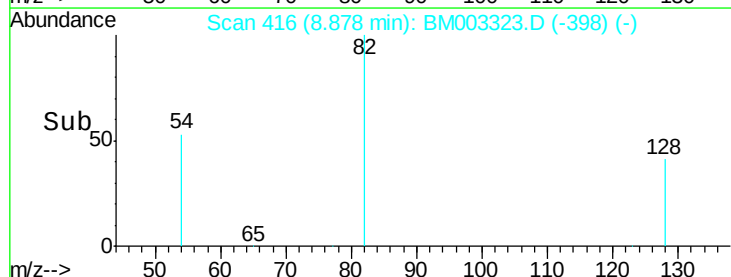
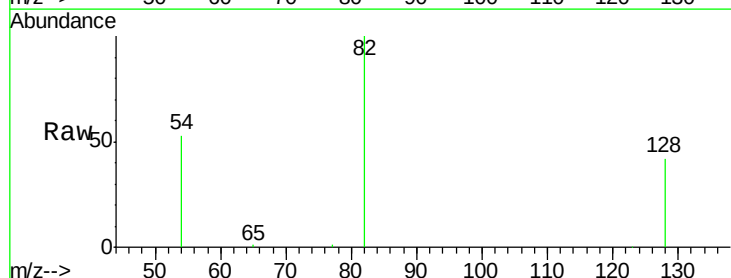
Tgt Ion: 82 Resp: 28904

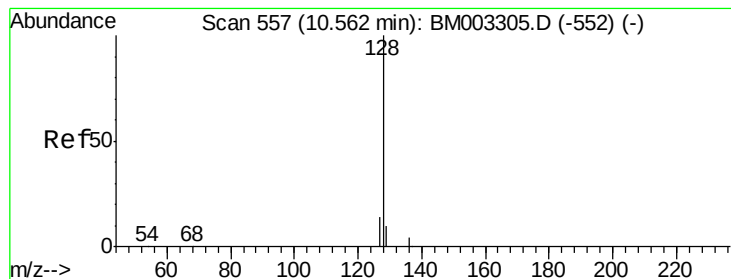
Ion Ratio Lower Upper

82 100

128 41.7 35.2 52.8

54 53.1 36.4 54.6





#10

Naphthalene

Concen: 4.77 ng

RT: 10.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: BM003323.D

Acq: 30 Nov 2015 17:48

Instrument :

BNA_M

ClientSampleId :

PT-PAH-SOILDL

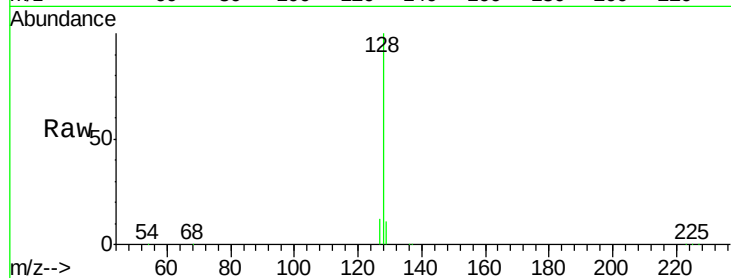
Tgt Ion:128 Resp: 301763

Ion Ratio Lower Upper

128 100

129 11.1 8.5 12.7

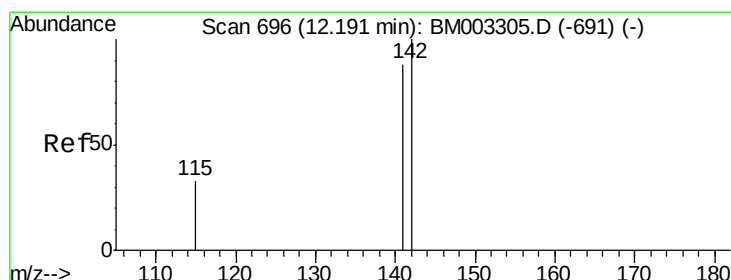
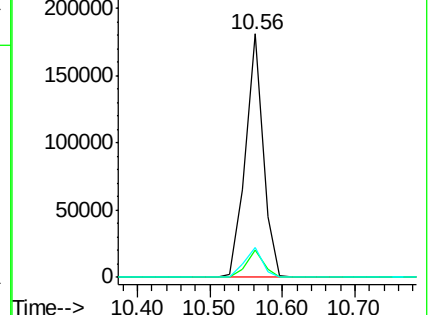
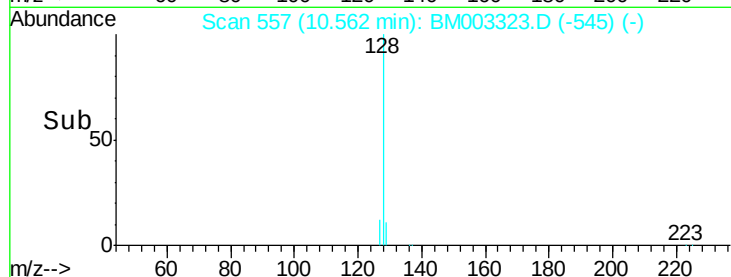
127 12.4 10.6 16.0



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



#12

2-Methylnaphthalene

Concen: 3.38 ng

RT: 12.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BM003323.D

Acq: 30 Nov 2015 17:48

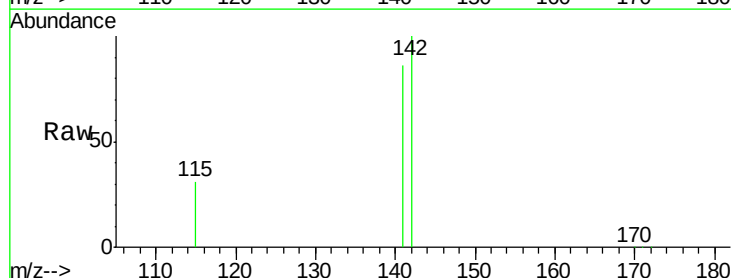
Tgt Ion:142 Resp: 134126

Ion Ratio Lower Upper

142 100

141 86.0 72.2 108.2

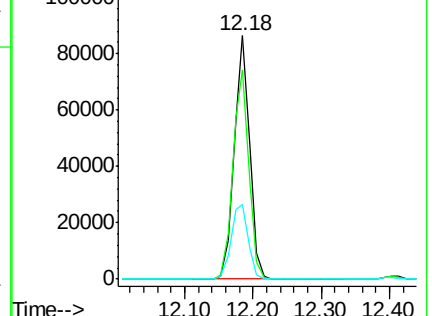
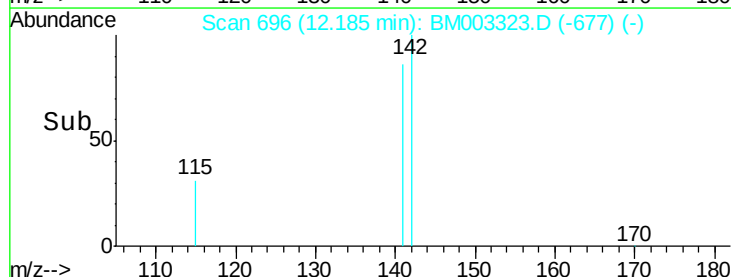
115 30.8 28.0 42.0

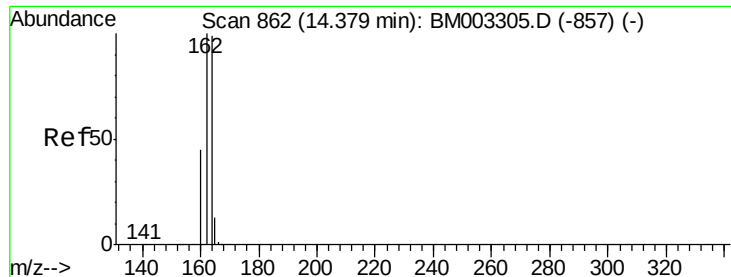


Abundance Ion 142.00 (141.70 to 142.70): E

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: BM003323.D

Acq: 30 Nov 2015 17:48

Instrument :

BNA_M

ClientSampleId :

PT-PAH-SOILDL

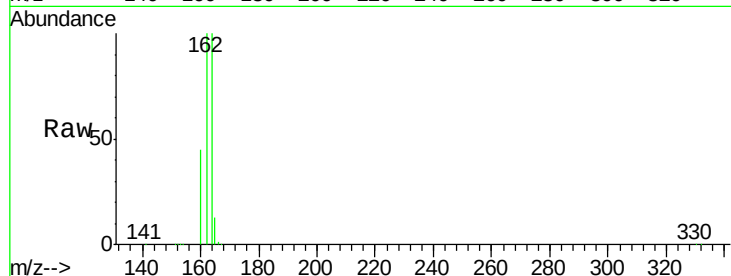
Tgt Ion:164 Resp: 173471

Ion Ratio Lower Upper

164 100

162 100.3 78.3 117.5

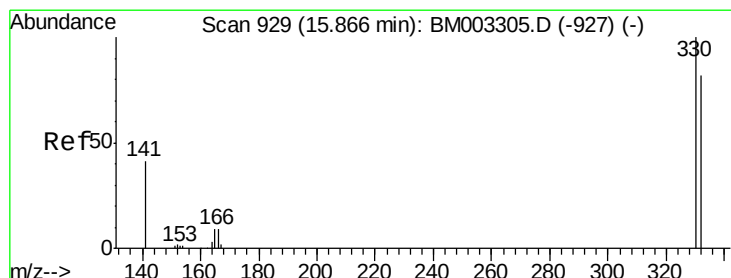
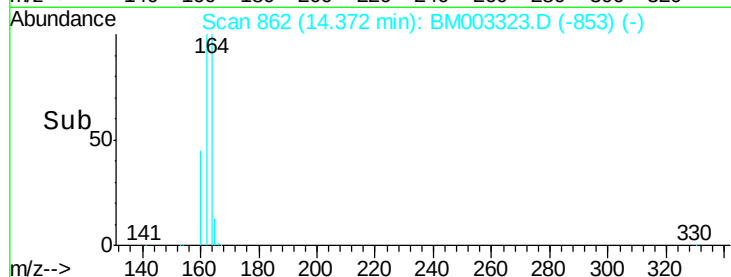
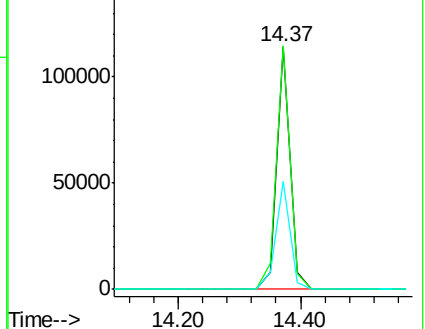
160 44.7 33.8 50.6



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: 4.67 ng

RT: 15.86 min Scan# 929

Delta R.T. -0.01 min

Lab File: BM003323.D

Acq: 30 Nov 2015 17:48

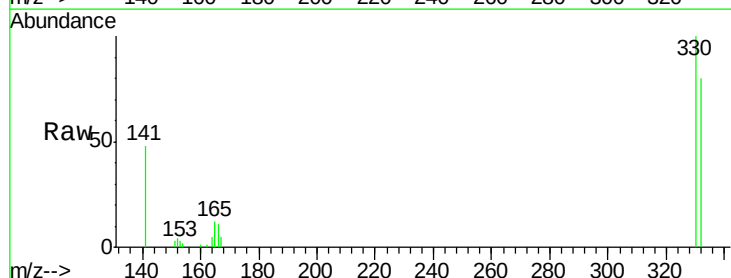
Tgt Ion:330 Resp: 18402

Ion Ratio Lower Upper

330 100

332 94.1 76.0 114.0

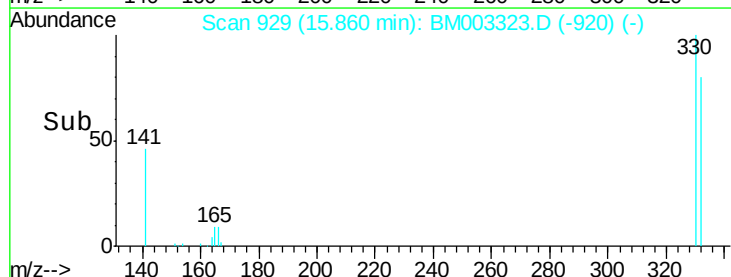
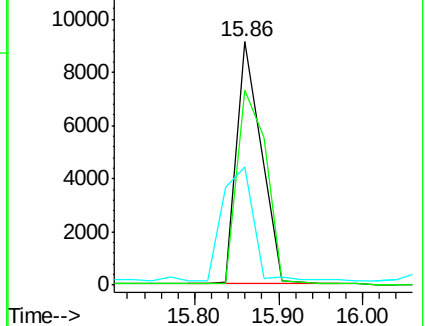
141 60.6 0.0 0.0#

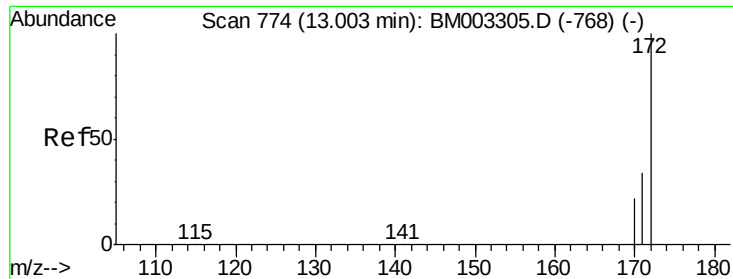


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

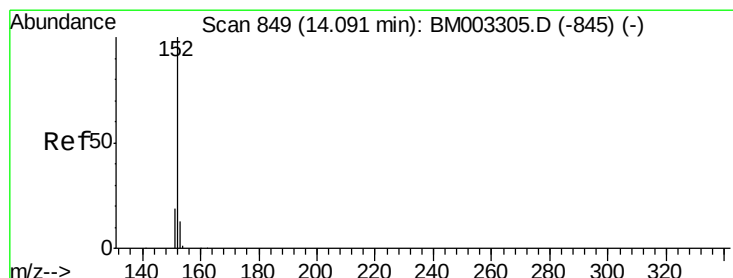
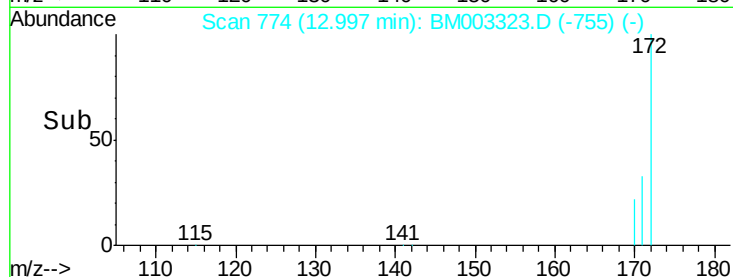
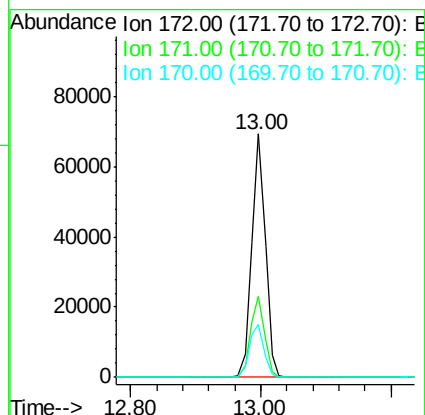
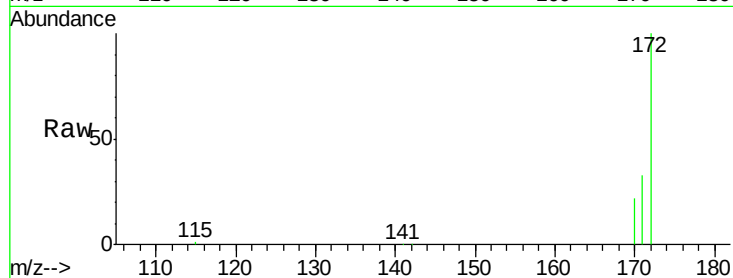




#15
2-Fluorobiphenyl
Concen: 1.77 ng
RT: 13.00 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM003323.D
Acq: 30 Nov 2015 17:48

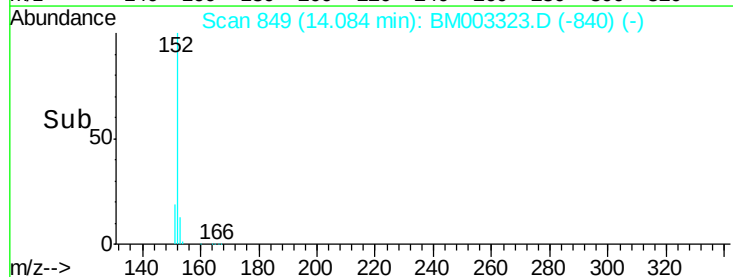
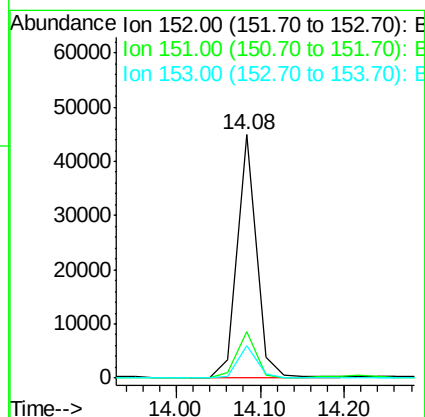
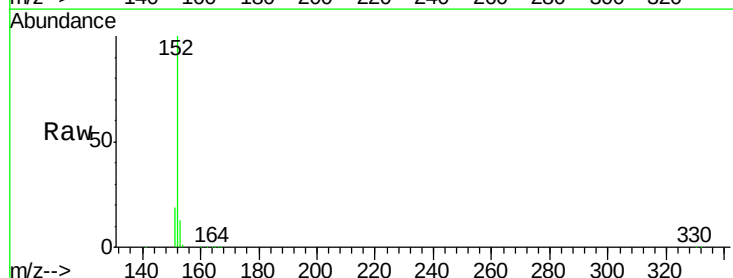
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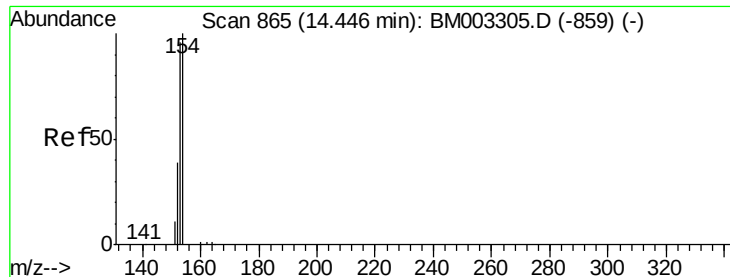
Tgt Ion:172 Resp: 99305
Ion Ratio Lower Upper
172 100
171 33.5 28.0 42.0
170 21.8 18.9 28.3



#16
Acenaphthylene
Concen: 1.10 ng
RT: 14.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BM003323.D
Acq: 30 Nov 2015 17:48

Tgt Ion:152 Resp: 70074
Ion Ratio Lower Upper
152 100
151 19.3 15.2 22.8
153 13.0 10.4 15.6

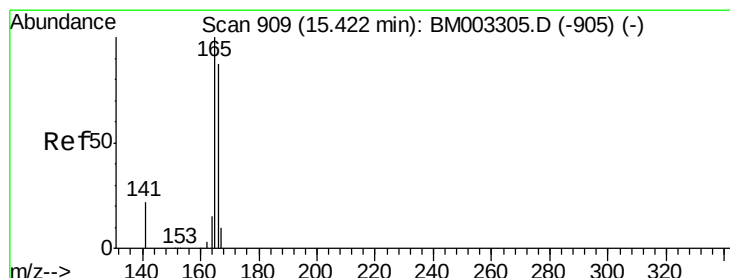
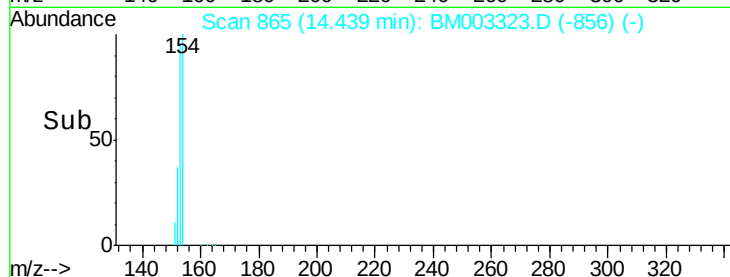
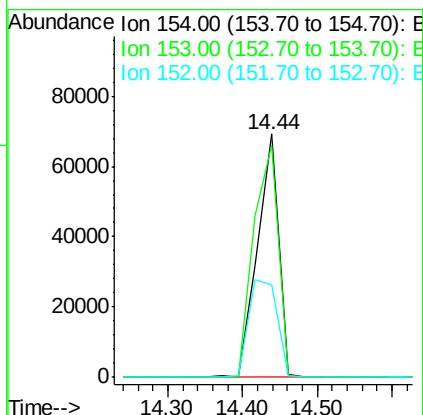
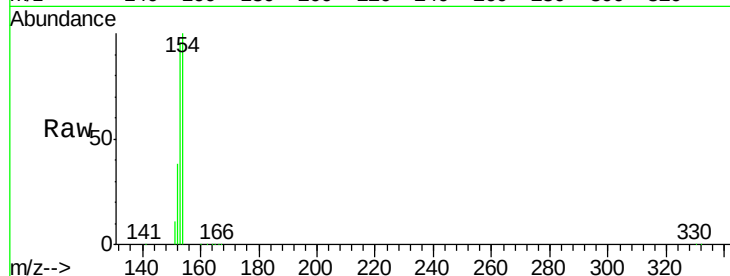




#17
Acenaphthene
Concen: 2.77 ng
RT: 14.44 min Scan# 865
Delta R.T. -0.01 min
Lab File: BM003323.D
Acq: 30 Nov 2015 17:48

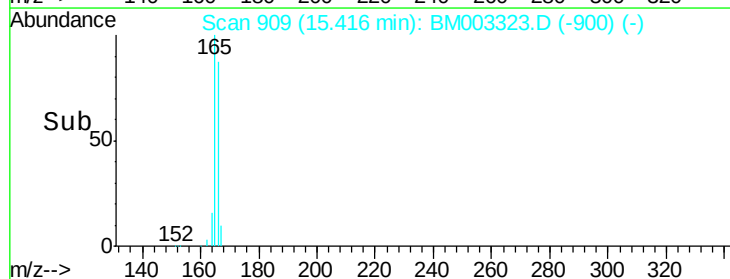
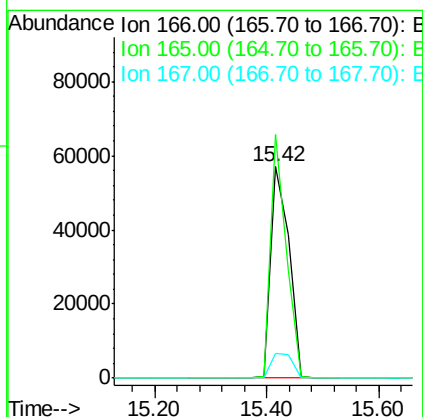
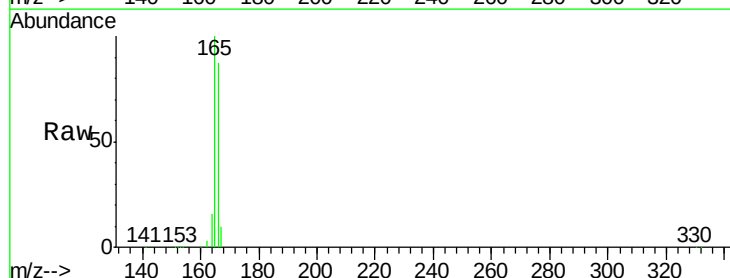
Instrument :
BNA_M
ClientSampleId :
PT-PAH-SOILDL

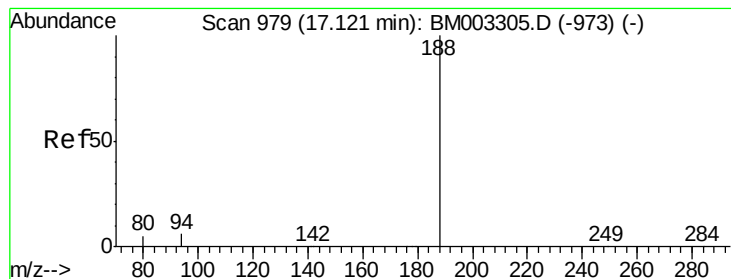
Tgt Ion:154 Resp: 135985
Ion Ratio Lower Upper
154 100
153 110.6 0.0 0.0#
152 0.0 0.0 0.0



#18
Fluorene
Concen: 2.59 ng
RT: 15.42 min Scan# 909
Delta R.T. -0.01 min
Lab File: BM003323.D
Acq: 30 Nov 2015 17:48

Tgt Ion:166 Resp: 128315
Ion Ratio Lower Upper
166 100
165 99.3 80.8 121.2
167 13.2 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: BM003323.D

Acq: 30 Nov 2015 17:48

Instrument :

BNA_M

ClientSampleId :

PT-PAH-SOILDL

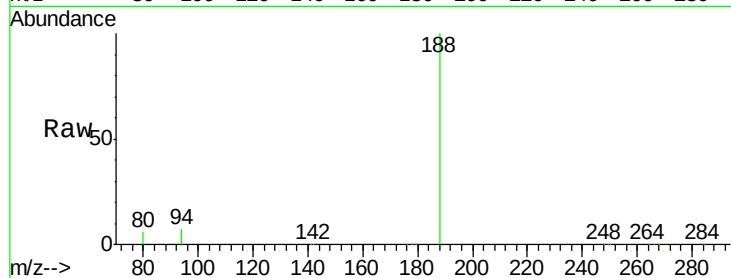
Tgt Ion:188 Resp: 407961

Ion Ratio Lower Upper

188 100

94 7.2 1.8 2.6#

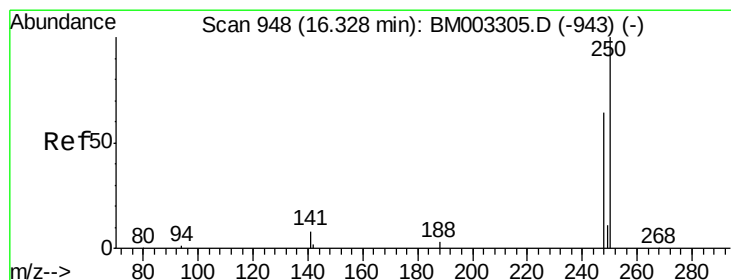
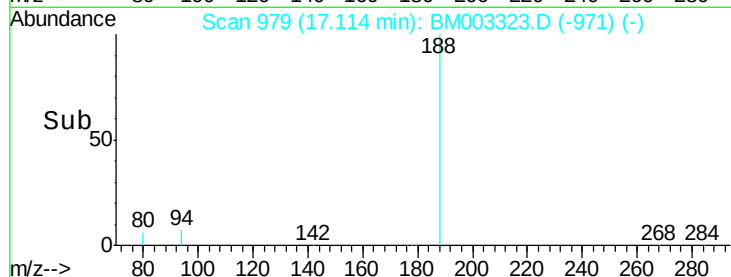
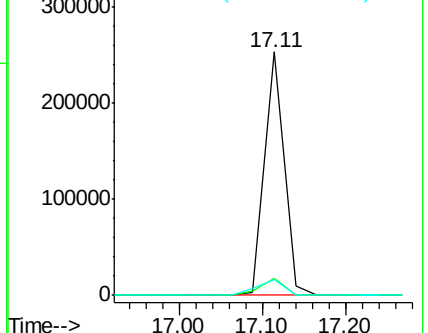
80 6.3 1.4 2.0#



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: 0.21 ng

RT: 16.32 min Scan# 948

Delta R.T. -0.01 min

Lab File: BM003323.D

Acq: 30 Nov 2015 17:48

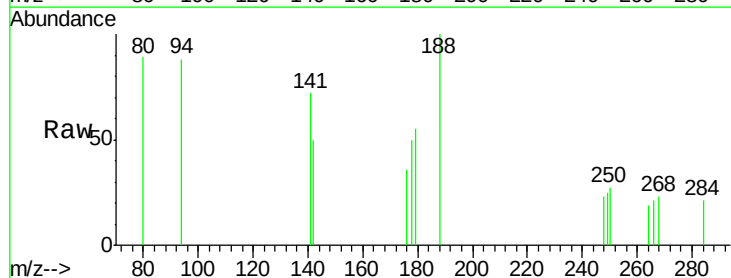
Tgt Ion:248 Resp: 29

Ion Ratio Lower Upper

248 100

250 137.9 65.4 98.0#

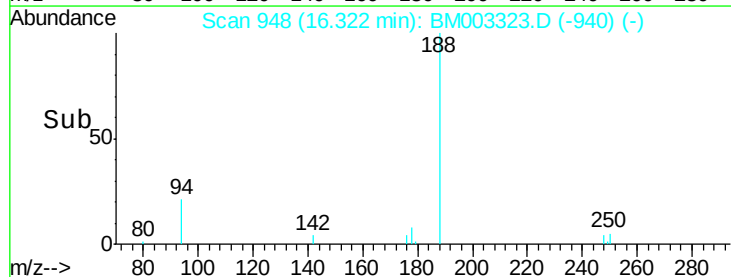
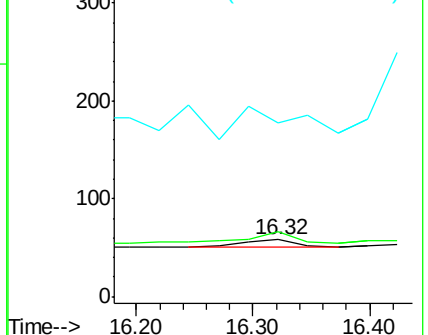
141 0.0 72.8 109.2#

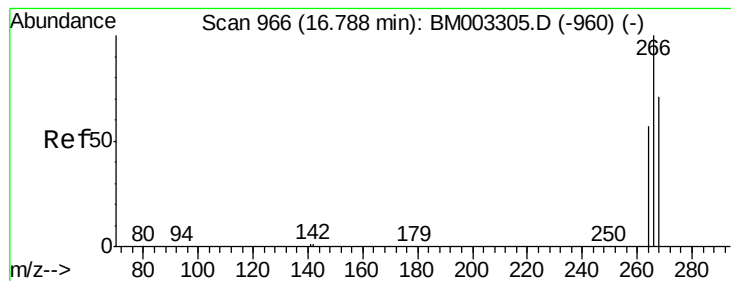


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#22

Pentachlorophenol

Concen: 0.11 ng

RT: 16.78 min Scan# 966

Delta R.T. -0.01 min

Lab File: BM003323.D

Acq: 30 Nov 2015 17:48

Instrument :

BNA_M

ClientSampleId :

PT-PAH-SOILD

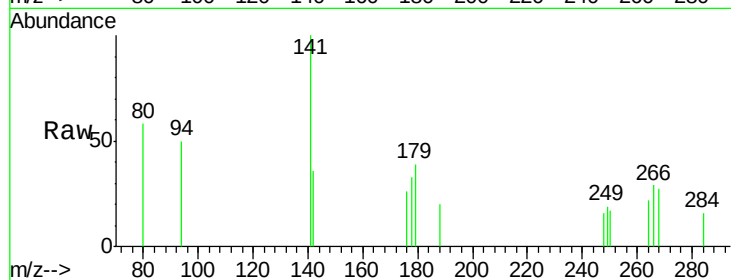
Tgt Ion:266 Resp: 107

Ion Ratio Lower Upper

266 100

268 91.8 45.8 68.8#

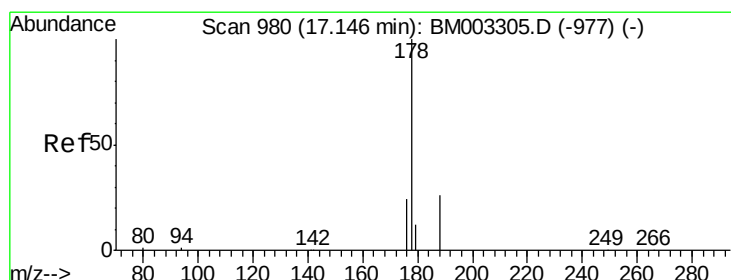
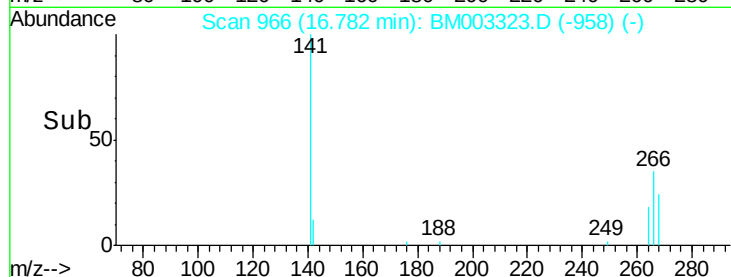
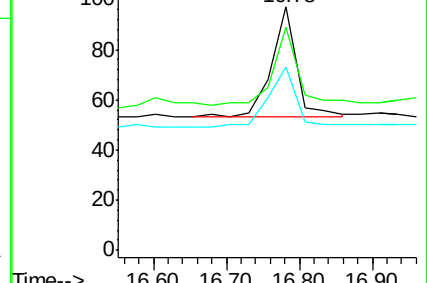
264 75.3 56.7 85.1



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: 2.97 ng

RT: 17.17 min Scan# 981

Delta R.T. 0.02 min

Lab File: BM003323.D

Acq: 30 Nov 2015 17:48

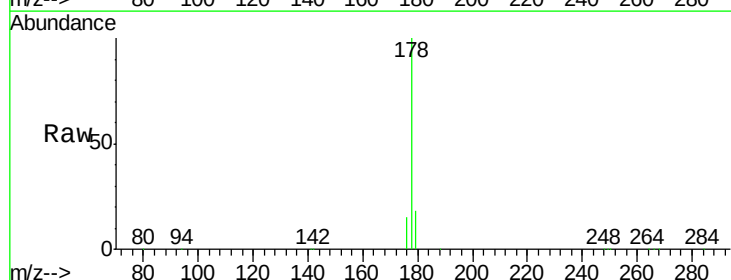
Tgt Ion:178 Resp: 274014

Ion Ratio Lower Upper

178 100

176 18.6 15.9 23.9

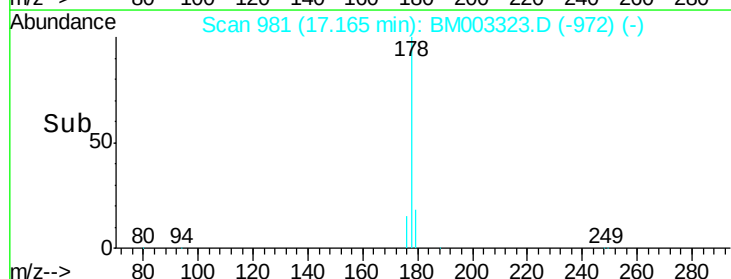
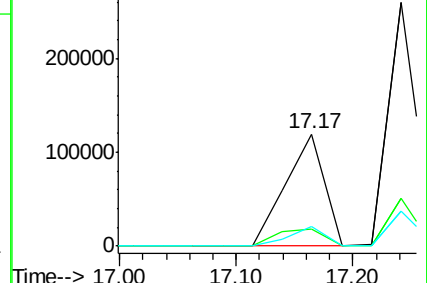
179 15.9 11.7 17.5

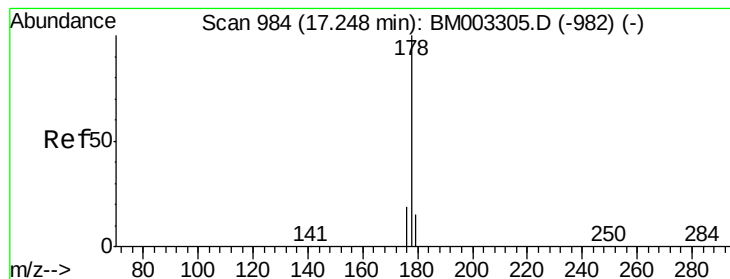


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 5.63 ng

RT: 17.24 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM003323.D

Acq: 30 Nov 2015 17:48

Instrument :

BNA_M

ClientSampleId :

PT-PAH-SOILDL

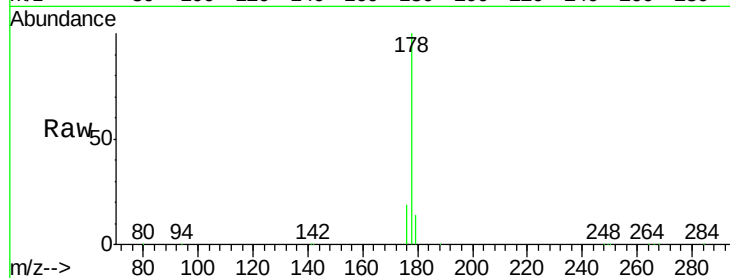
Tgt Ion:178 Resp: 428475

Ion Ratio Lower Upper

178 100

176 19.1 14.1 21.1

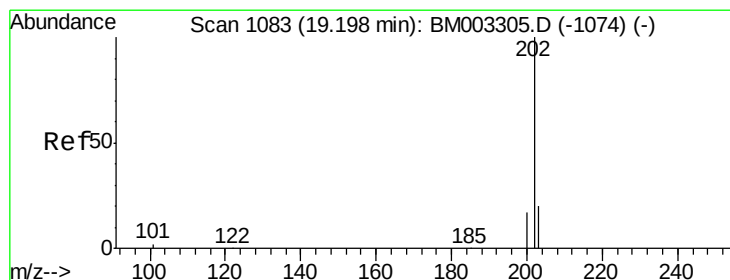
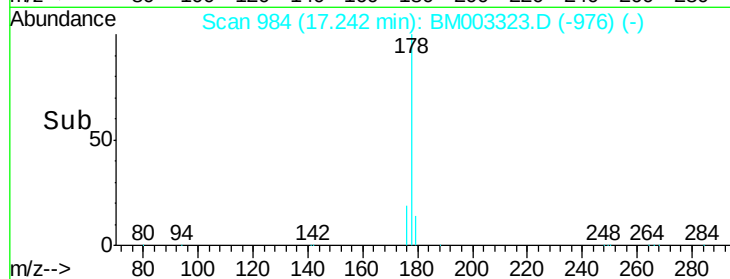
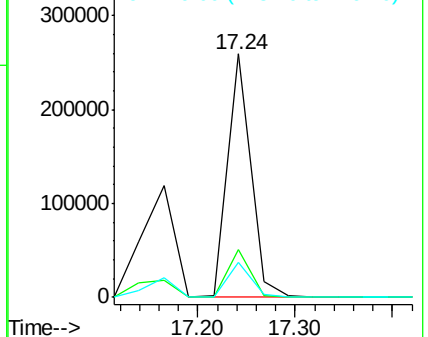
179 14.8 12.8 19.2



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: 2.92 ng

RT: 19.19 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BM003323.D

Acq: 30 Nov 2015 17:48

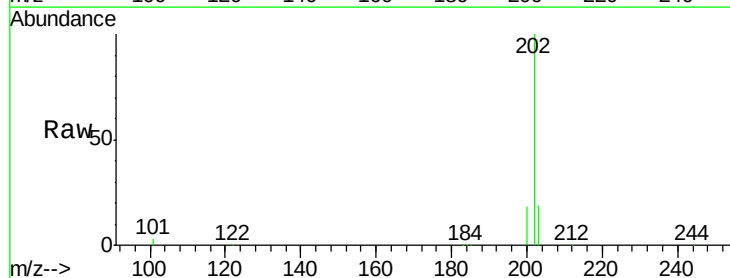
Tgt Ion:202 Resp: 259830

Ion Ratio Lower Upper

202 100

101 12.2 9.9 14.9

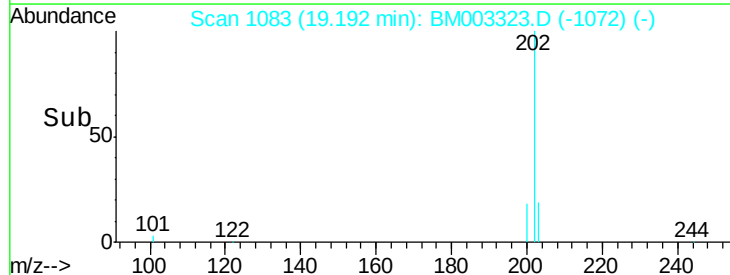
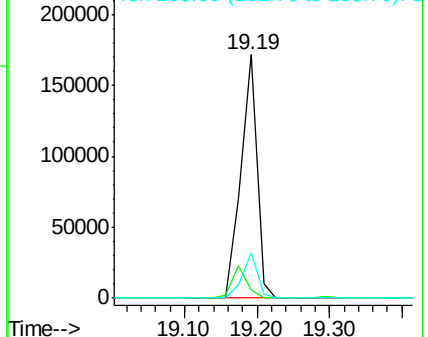
203 17.4 13.9 20.9

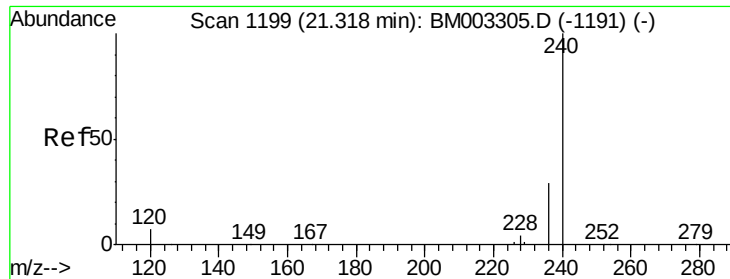


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

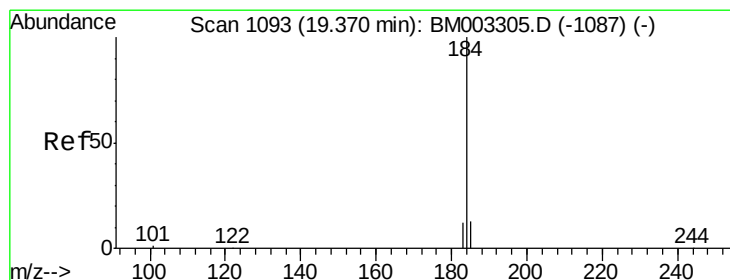
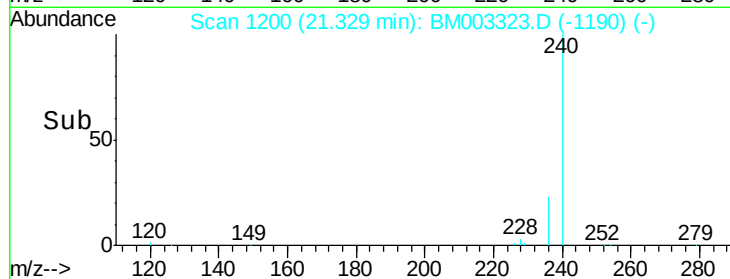
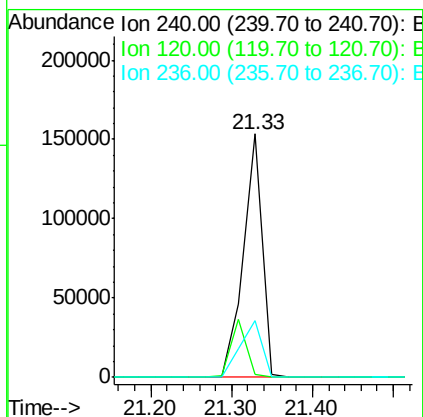
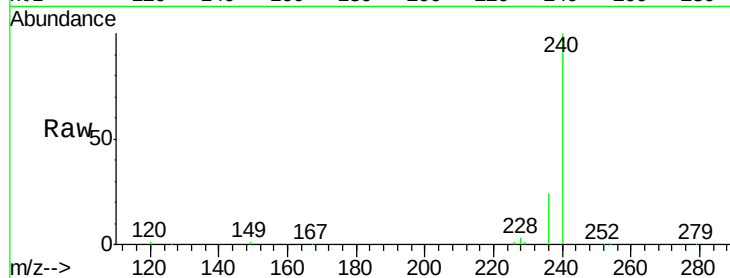




#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.33 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BM003323.D
Acq: 30 Nov 2015 17:48

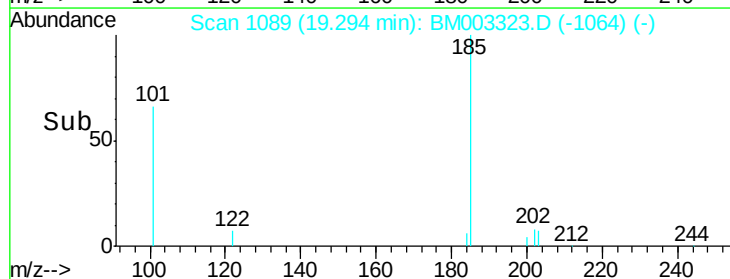
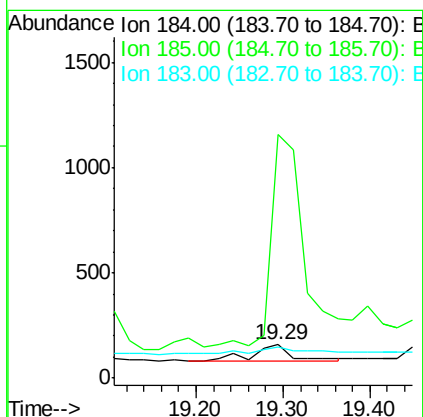
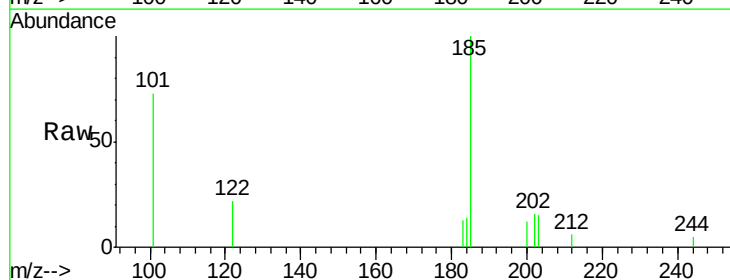
Instrument :
BNA_M
ClientSampleId :
PT-PAH-SOILDL

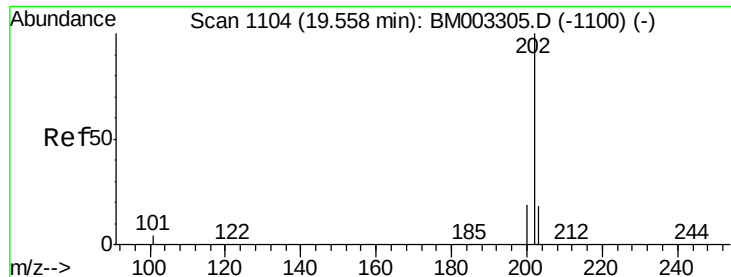
Tgt Ion:240 Resp: 248832
Ion Ratio Lower Upper
240 100
120 1.4 1.0 1.4
236 23.5 17.9 26.9



#27
Benzidine
Concen: 0.13 ng
RT: 19.29 min Scan# 1089
Delta R.T. -0.07 min
Lab File: BM003323.D
Acq: 30 Nov 2015 17:48

Tgt Ion:184 Resp: 218
Ion Ratio Lower Upper
184 100
185 727.7 11.6 17.4#
183 91.8 8.6 13.0#

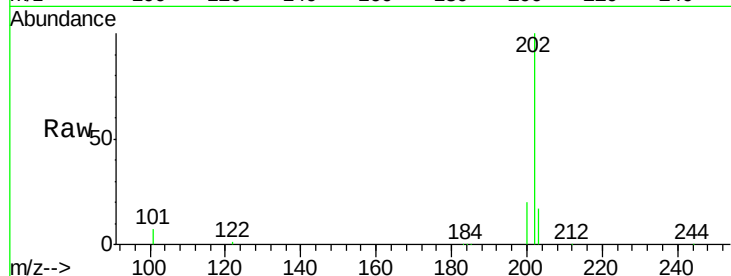




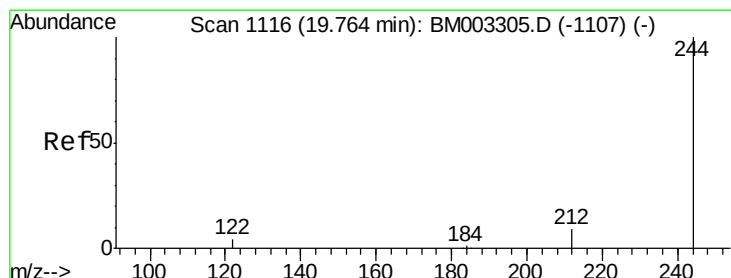
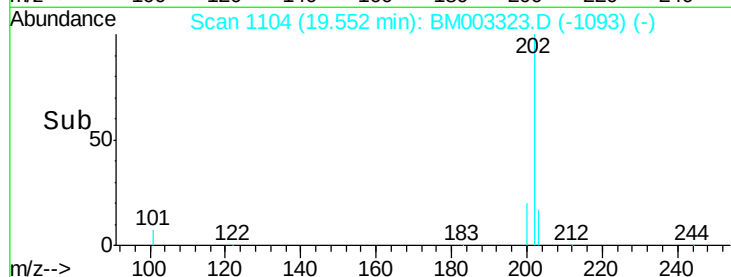
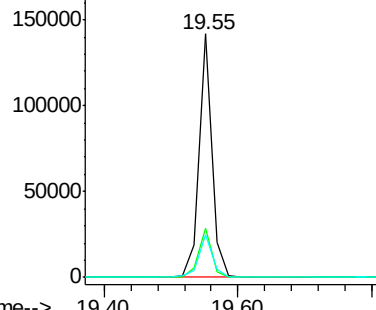
#28
 Pyrene
 Concen: 2.47 ng
 RT: 19.55 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BM003323.D
 Acq: 30 Nov 2015 17:48

Instrument :
 BNA_M
 ClientSampleId :
 PT-PAH-SOILD

Tgt Ion: 202 Resp: 187922
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.7 25.1
 203 19.0 13.8 20.6

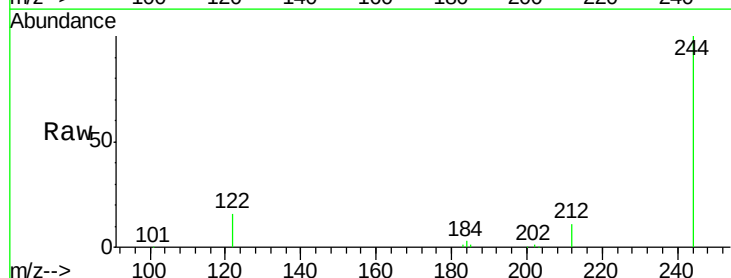


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

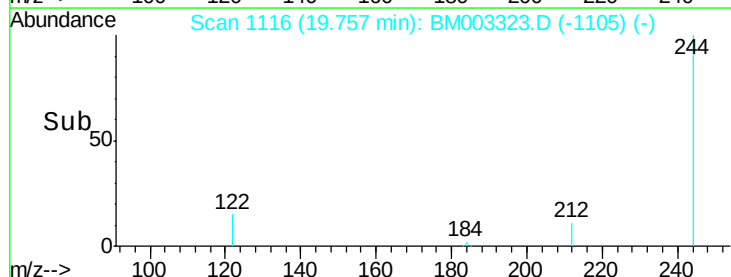
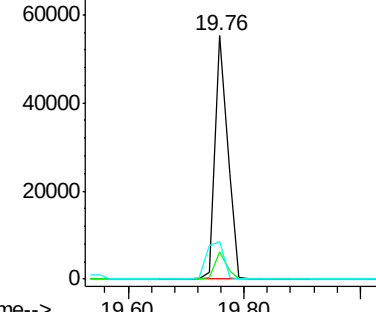


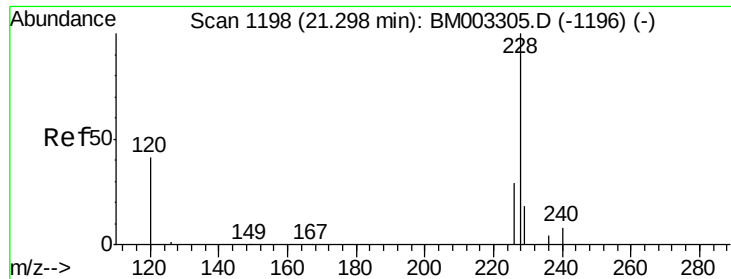
#29
 Terphenyl-d14
 Concen: 2.40 ng
 RT: 19.76 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BM003323.D
 Acq: 30 Nov 2015 17:48

Tgt Ion: 244 Resp: 83377
 Ion Ratio Lower Upper
 244 100
 212 11.0 6.5 9.7#
 122 15.6 2.0 3.0#



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

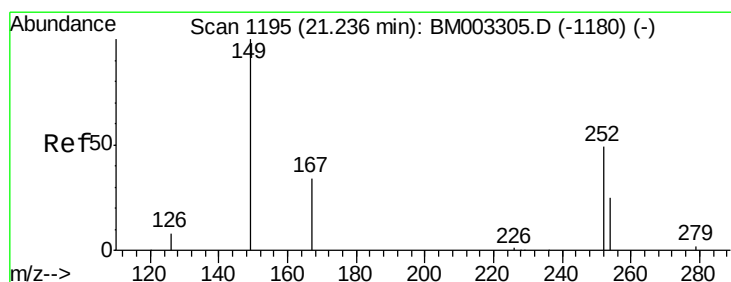
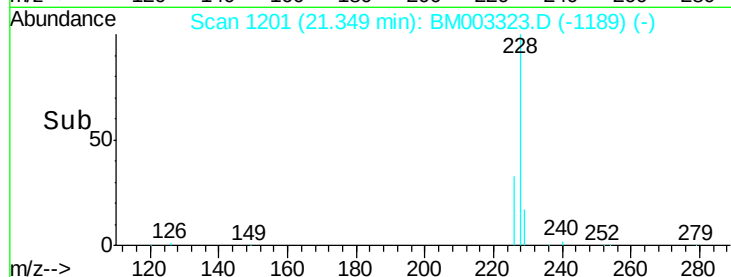
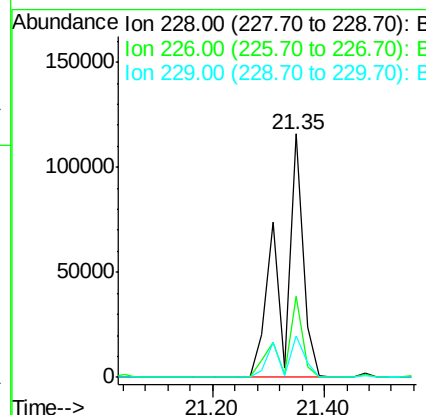
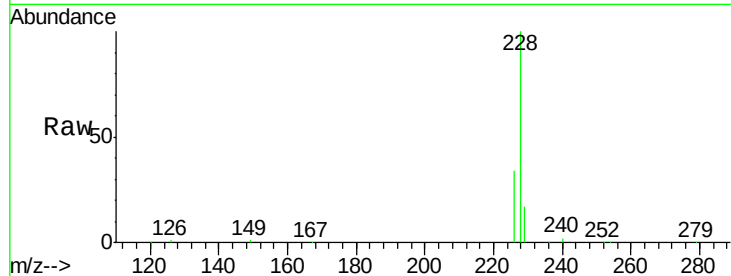




#30
Benzo(a)anthracene
Concen: 4.68 ng
RT: 21.35 min Scan# 1201
Delta R.T. 0.05 min
Lab File: BM003323.D
Acq: 30 Nov 2015 17:48

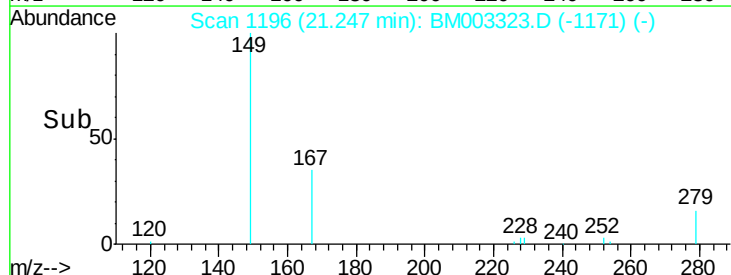
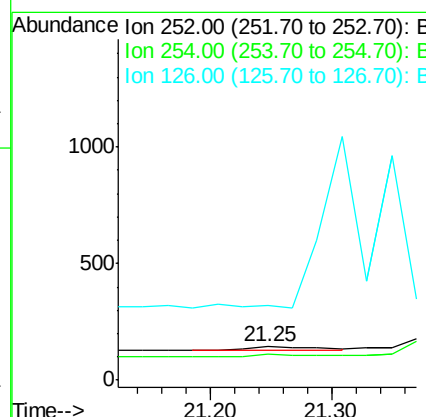
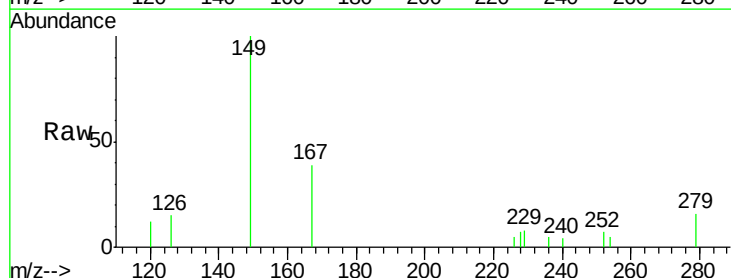
Instrument :
BNA_M
ClientSampleId :
PT-PAH-SOILD

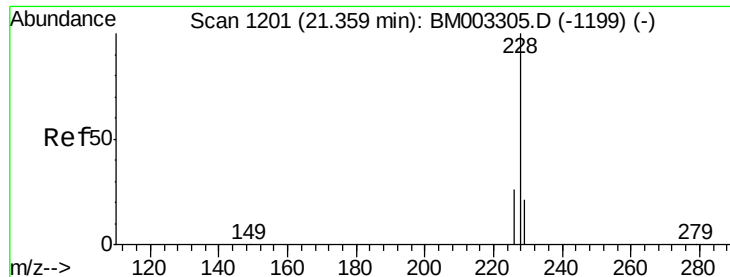
Tgt Ion:228 Resp: 295118
Ion Ratio Lower Upper
228 100
226 33.5 17.8 26.6#
229 17.1 18.0 27.0#



#31
3,3'-Dichlorobenzidine
Concen: 0.17 ng
RT: 21.25 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BM003323.D
Acq: 30 Nov 2015 17:48

Tgt Ion:252 Resp: 65
Ion Ratio Lower Upper
252 100
254 77.1 53.7 80.5
126 222.2 2.8 4.2#





#32

Chrysene

Concen: 4.19 ng

RT: 21.35 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BM003323.D

Acq: 30 Nov 2015 17:48

Instrument :

BNA_M

ClientSampleId :

PT-PAH-SOILDL

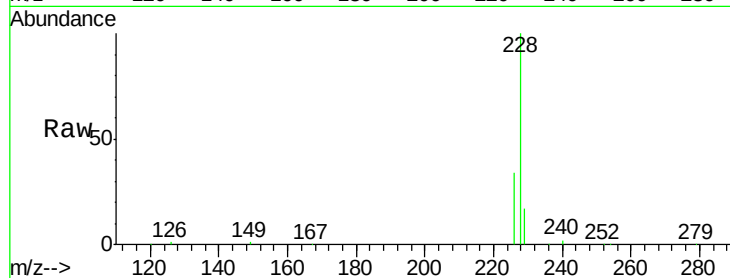
Tgt Ion:228 Resp: 295043

Ion Ratio Lower Upper

228 100

226 33.5 25.5 38.3

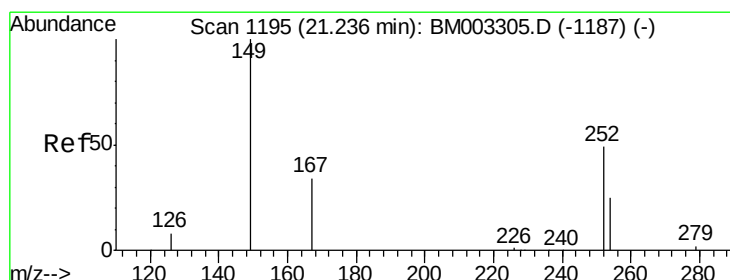
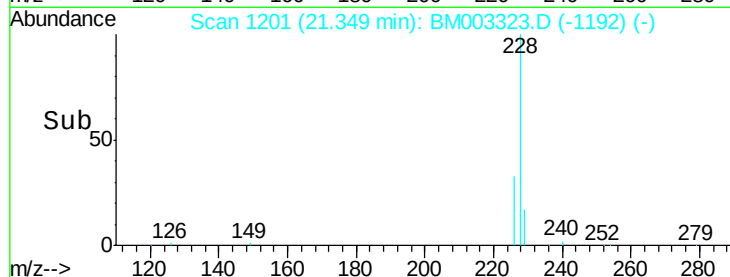
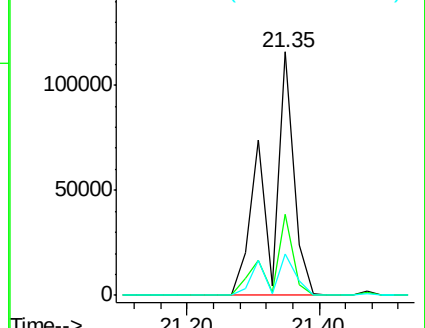
229 17.1 14.3 21.5



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: 0.66 ng

RT: 21.23 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BM003323.D

Acq: 30 Nov 2015 17:48

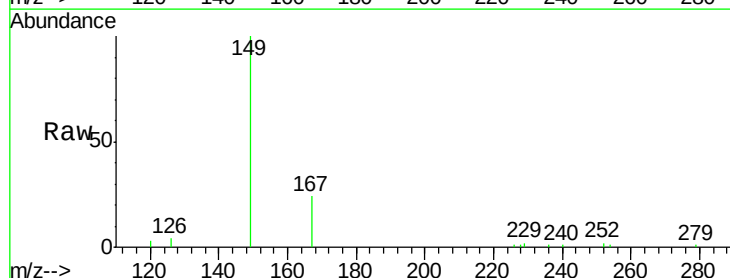
Tgt Ion:149 Resp: 12263

Ion Ratio Lower Upper

149 100

167 22.6 19.6 29.4

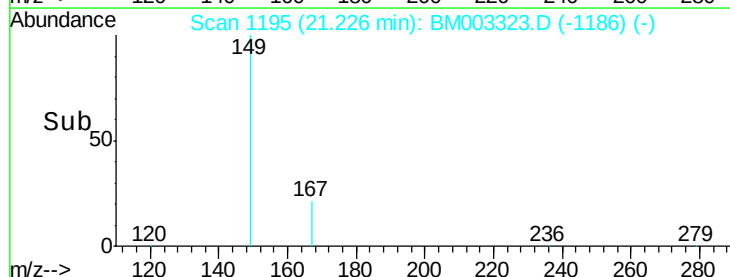
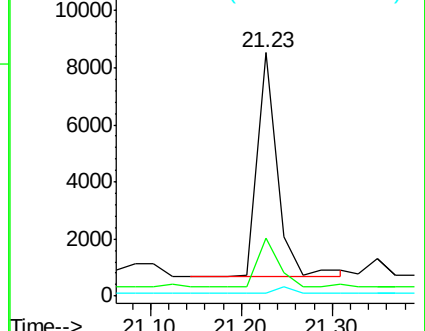
279 0.0 0.0 0.0

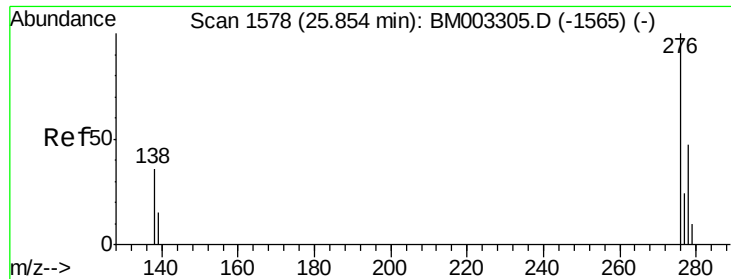


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

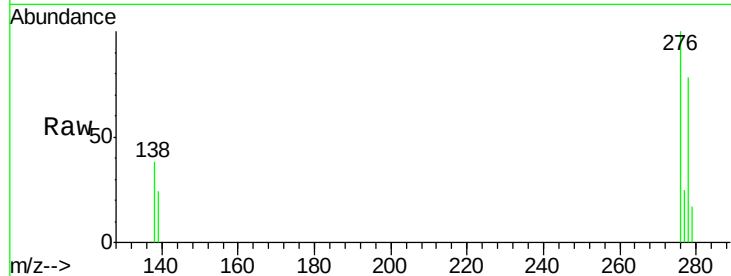




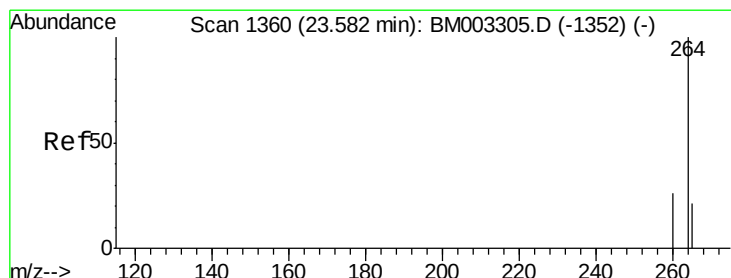
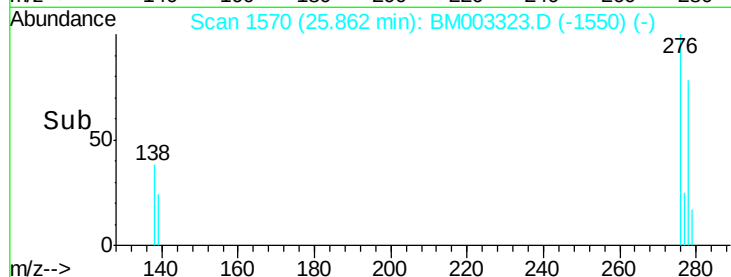
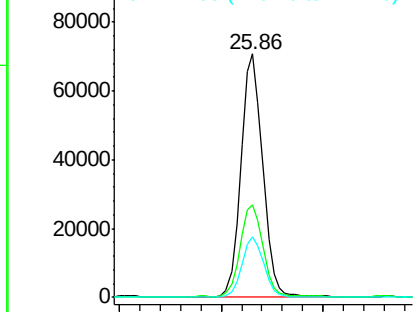
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 3.62 ng
 RT: 25.86 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: BM003323.D
 Acq: 30 Nov 2015 17:48

Instrument :
 BNA_M
 ClientSampleId :
 PT-PAH-SOILDL

Tgt Ion: 276 Resp: 209135
 Ion Ratio Lower Upper
 276 100
 138 38.7 19.1 28.7#
 277 24.5 15.9 23.9#

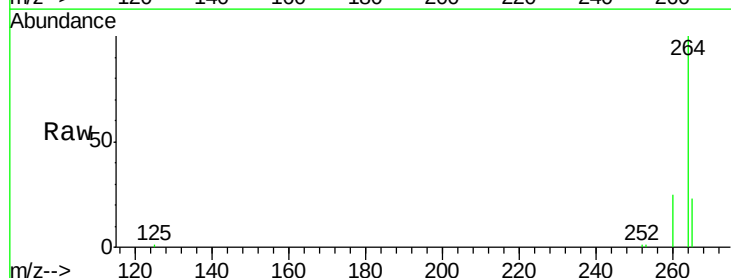


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

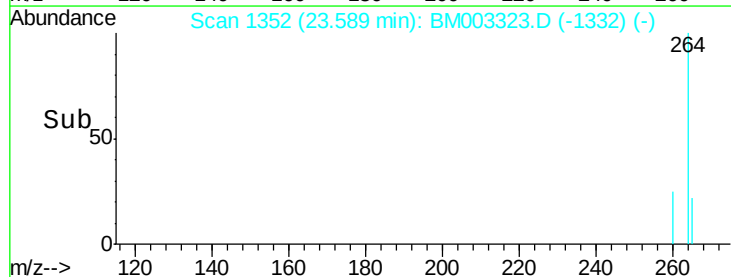
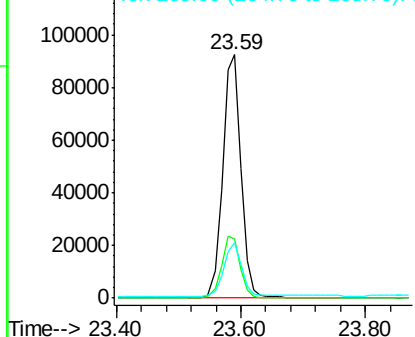


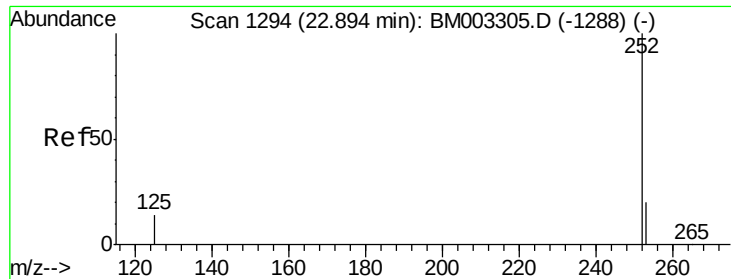
#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.59 min Scan# 1352
 Delta R.T. 0.01 min
 Lab File: BM003323.D
 Acq: 30 Nov 2015 17:48

Tgt Ion: 264 Resp: 189000
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 22.6 18.4 27.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#36

Benzo(b)fluoranthene

Concen: 3.86 ng

RT: 22.90 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BM003323.D

Acq: 30 Nov 2015 17:48

Instrument :

BNA_M

ClientSampleId :

PT-PAH-SOILDL

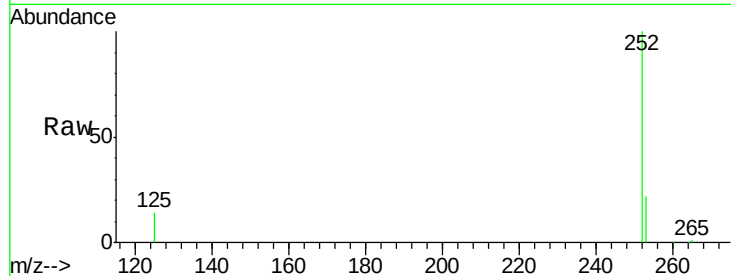
Tgt Ion:252 Resp: 210160

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

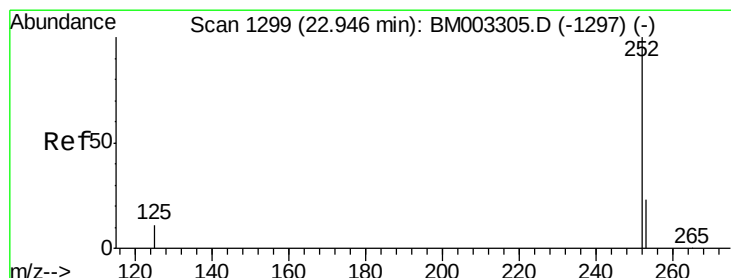
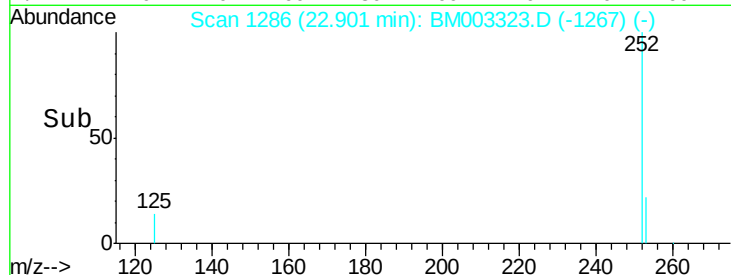
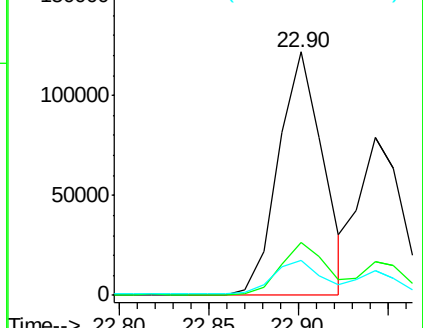
125 14.3 10.3 15.5



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: 2.68 ng

RT: 22.94 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BM003323.D

Acq: 30 Nov 2015 17:48

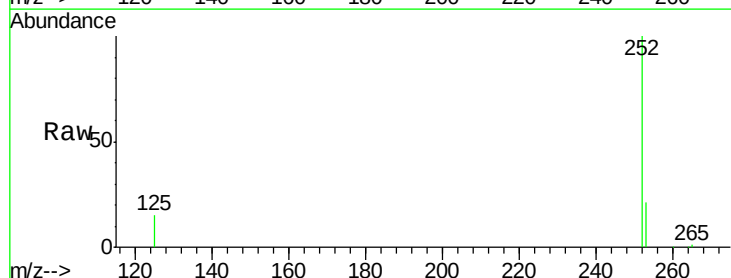
Tgt Ion:252 Resp: 131144

Ion Ratio Lower Upper

252 100

253 20.9 17.5 26.3

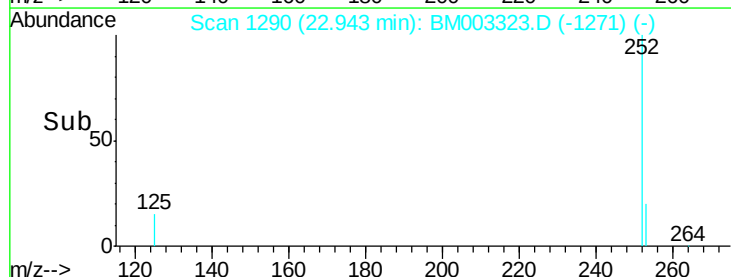
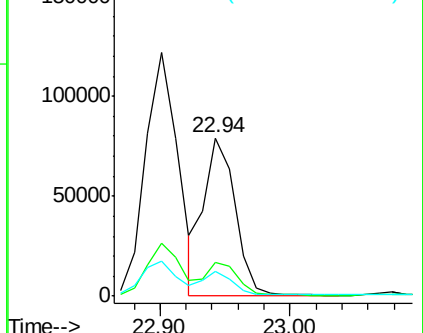
125 15.3 10.7 16.1

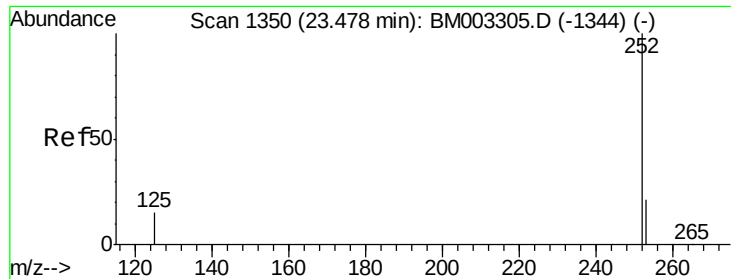


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Benzo(a)pyrene

Concen: 3.24 ng

RT: 23.48 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BM003323.D

Acq: 30 Nov 2015 17:48

Instrument :

BNA_M

ClientSampleId :

PT-PAH-SOILDL

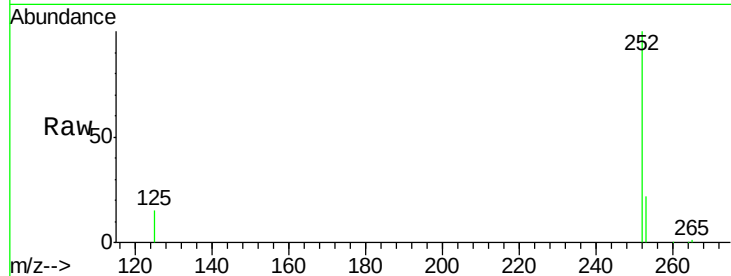
Tgt Ion: 252 Resp: 140531

Ion Ratio Lower Upper

252 100

253 22.4 18.7 28.1

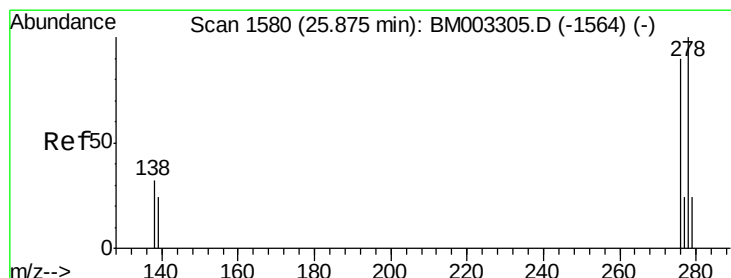
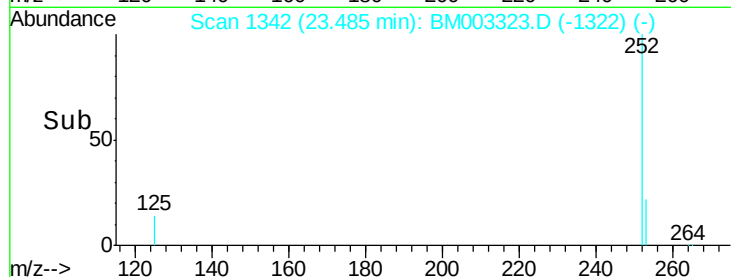
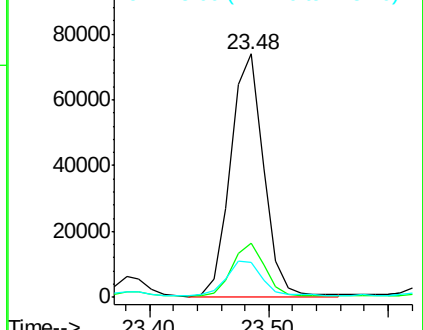
125 14.6 11.6 17.4



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: 5.16 ng

RT: 25.87 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BM003323.D

Acq: 30 Nov 2015 17:48

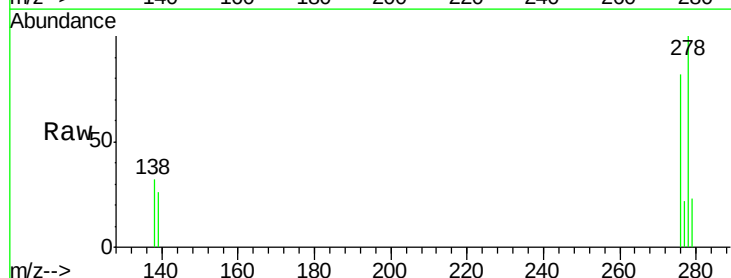
Tgt Ion: 278 Resp: 193246

Ion Ratio Lower Upper

278 100

139 25.8 18.2 27.4

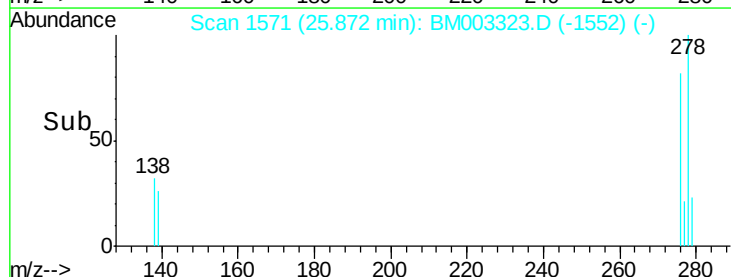
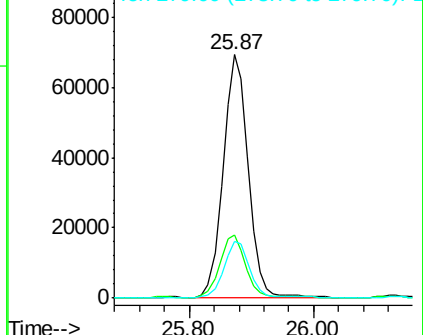
279 23.4 18.8 28.2

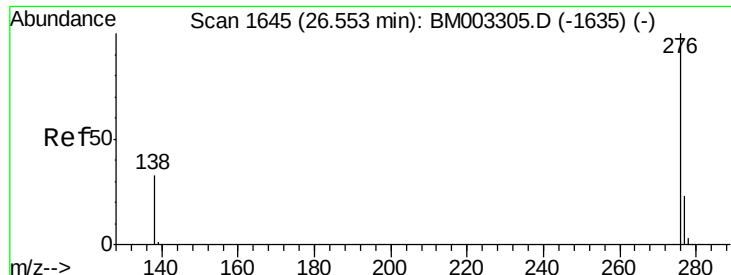


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.72 ng

RT: 26.56 min Scan# 1637

Delta R.T. 0.01 min

Lab File: BM003323.D

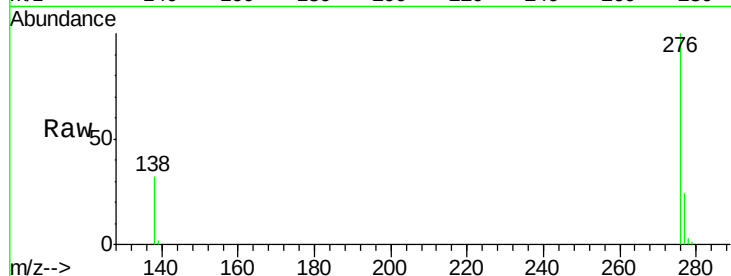
Acq: 30 Nov 2015 17:48

Instrument :

BNA_M

ClientSampleId :

PT-PAH-SOILDL



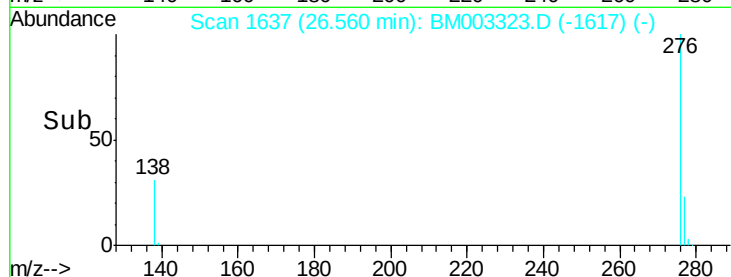
Tgt Ion: 276 Resp: 77360

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.6

138 31.6 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

