

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030516\
 Data File : BM004570.D
 Acq On : 05 Mar 2016 23:31
 Operator : SJ/UM
 Sample : H1667-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OUTFALL001-160302

Quant Time: Mar 07 07:57:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM030516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 07 07:54:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	22851	5.00	ng	0.00
7) Naphthalene-d8	10.06	136	84689	5.00	ng	0.00
13) Acenaphthene-d10	13.97	164	45234	5.00	ng	0.00
19) Phenanthrene-d10	16.73	188	106540	5.00	ng	0.00
25) Chrysene-d12	20.98	240	96064	5.00	ng	0.00
34) Perylene-d12	23.08	264	90525	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.01	112	12165	2.25	ng	0.00
5) Phenol-d6	6.64	99	7637	1.18	ng	0.02
8) Nitrobenzene-d5	8.48	82	17426	3.85	ng	0.01
14) 2,4,6-Tribromophenol	15.50	330	13273	7.80	ng	0.00
15) 2-Fluorobiphenyl	12.58	172	65584	4.52	ng	0.00
28) Terphenyl-d14	19.41	244	65481	4.52	ng	0.00

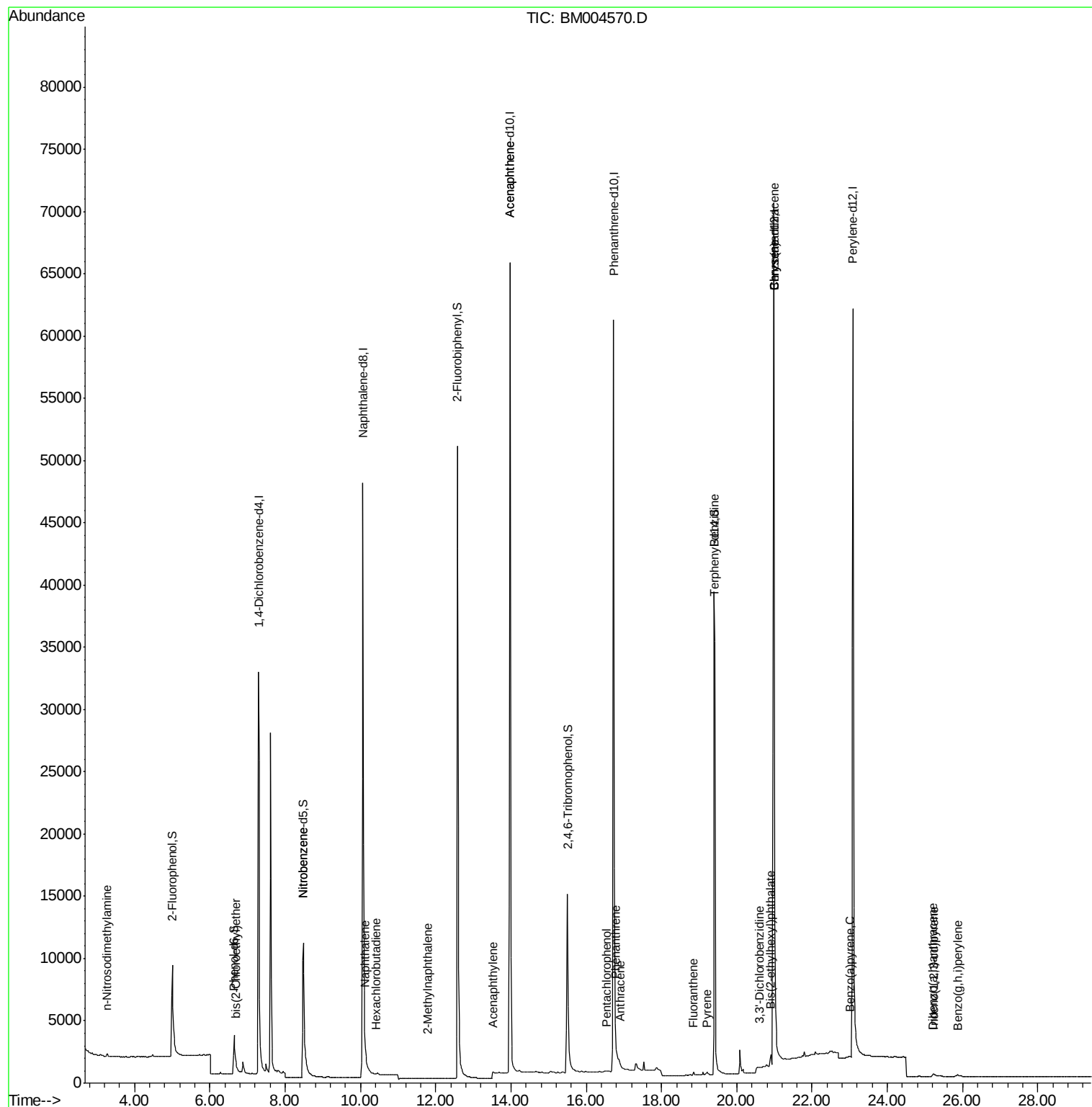
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.26	42	34	0.02	ng	# 100
6) bis(2-Chloroethyl)ether	6.69	93	53	0.01	ng	# 52
9) Nitrobenzene	8.48	77	51	0.01	ng	# 100
10) Naphthalene	10.12	128	375	0.02	ng	# 28
11) Hexachlorobutadiene	10.41	225	1	0.00	ng	# 100
12) 2-Methylnaphthalene	11.79	142	72	0.01	ng	# 61
16) Acenaphthylene	13.53	152	16	0.04	ng	# 26
17) Acenaphthene	13.97	154	234	0.07	ng	# 100
18) Fluorene	15.06	166	132	Below Cal		# 97
20) Hexachlorobenzene	16.07	284	538	Below Cal		# 100
21) Pentachlorophenol	16.53	266	29	0.13	ng	# 77
22) Phenanthrene	16.78	178	686	0.04	ng	# 100
23) Anthracene	16.91	178	101	0.22	ng	# 100
24) Fluoranthene	18.85	202	345	0.04	ng	# 92
26) Benzidine	19.40	184	1385	0.55	ng	# 97
27) Pyrene	19.21	202	292	0.05	ng	# 81
29) Benzo(a)anthracene	20.98	228	1077	0.03	ng	# 60
30) 3,3'-Dichlorobenzidine	20.59	252	734	0.26	ng	# 50
31) Chrysene	20.98	228	1124	0.09	ng	# 62
32) Bis(2-ethylhexyl)phthalate	20.90	149	1532	0.09	ng	# 49
33) Indeno(1,2,3-cd)pyrene	25.23	276	319	0.11	ng	# 65
35) Benzo(a)pyrene	23.00	252	164	0.01	ng	# 1
36) Dibenzo(a,h)anthracene	25.22	278	260	0.01	ng	# 1
37) Benzo(g,h,i)perylene	25.87	276	255	0.01	ng	# 1

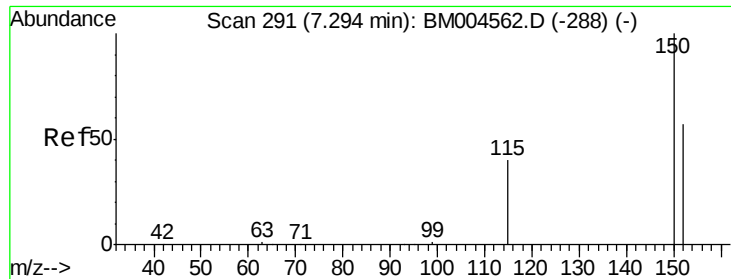
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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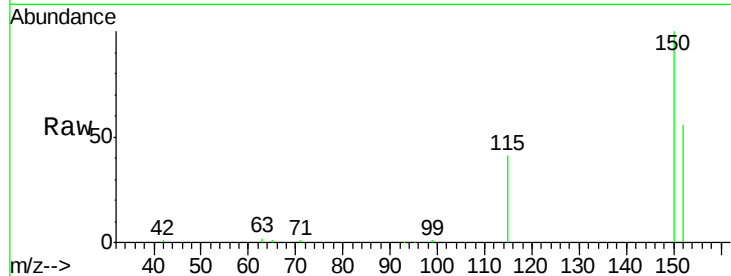


#1

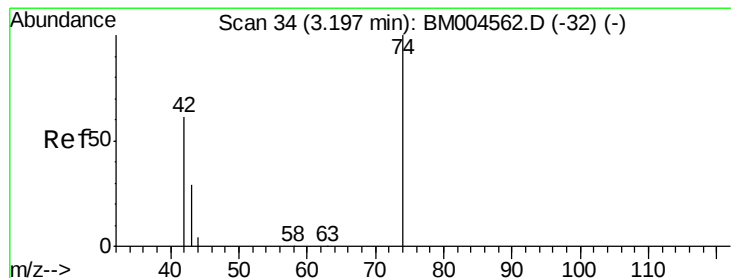
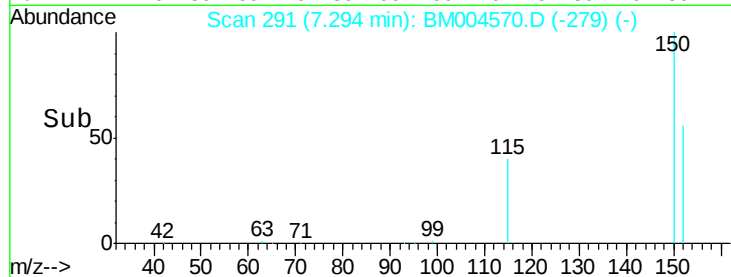
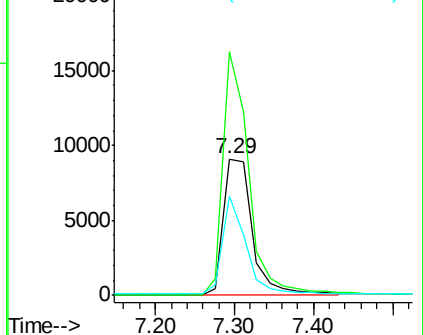
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.29 min Scan# 291
Delta R.T. 0.00 min
Lab File: BM004570.D
Acq: 05 Mar 2016 23:31

Instrument :
BNA_M
ClientSampleId :
OUTFALL001-160302

Tgt Ion:152 Resp: 22851
Ion Ratio Lower Upper
152 100
150 178.5 140.1 210.1
115 72.8 56.1 84.1



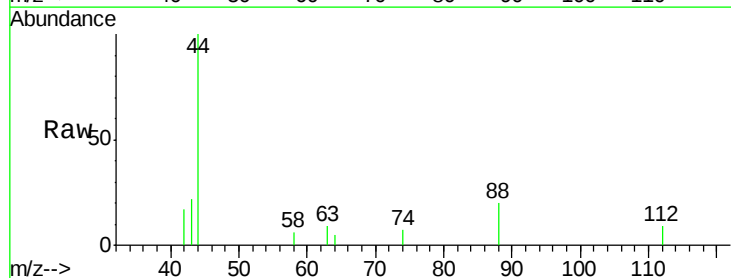
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



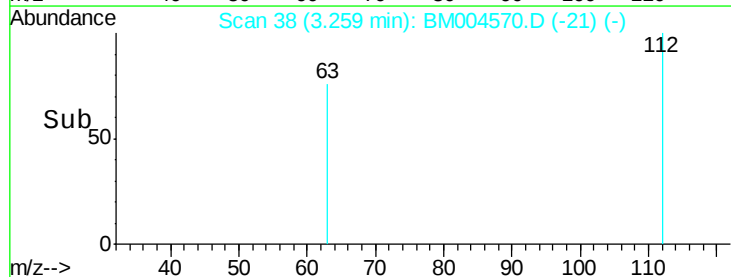
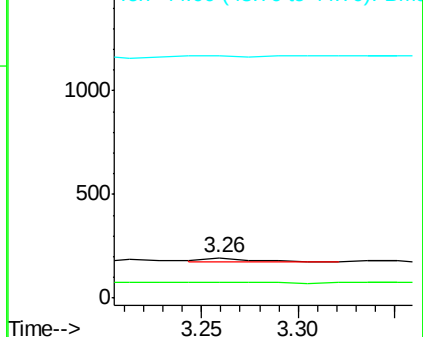
#3

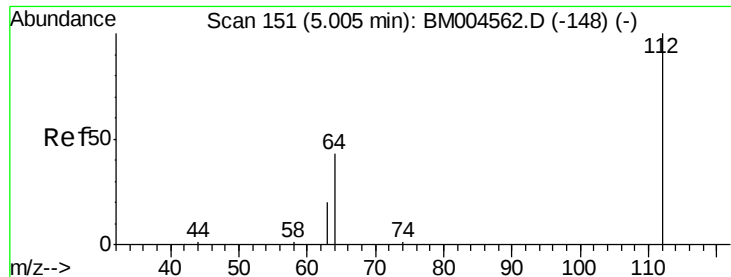
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.26 min Scan# 38
Delta R.T. 0.06 min
Lab File: BM004570.D
Acq: 05 Mar 2016 23:31

Tgt Ion: 42 Resp: 34
Ion Ratio Lower Upper
42 100
74 0.0 0.0 0.0
44 85.3 0.0 0.0#



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: 2.25 ng

RT: 5.01 min Scan# 151

Delta R.T. 0.00 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

Instrument :

BNA_M

ClientSampleId :

OUTFALL001-160302

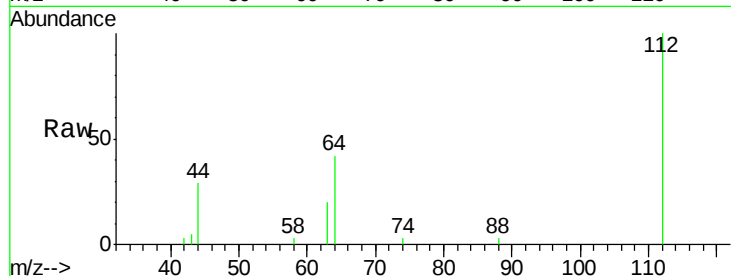
Tgt Ion: 112 Resp: 12165

Ion Ratio Lower Upper

112 100

64 48.4 0.0 0.0#

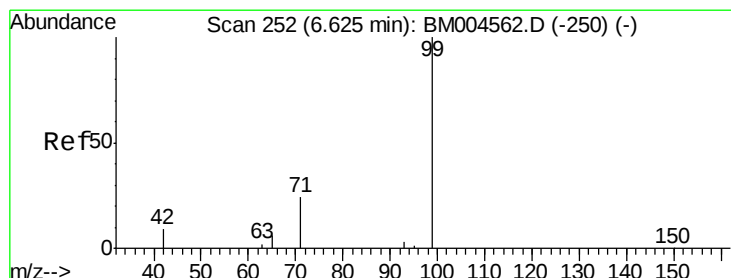
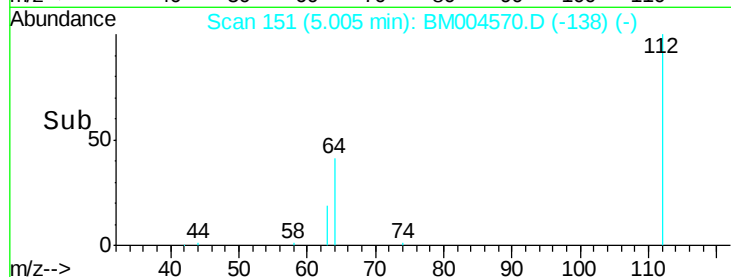
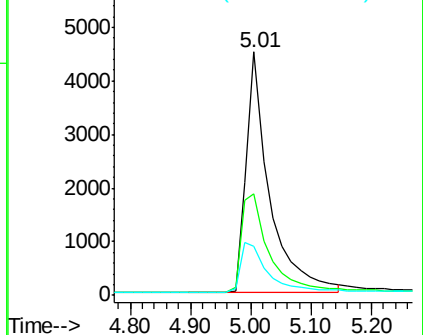
63 23.6 0.0 0.0#



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: 1.18 ng

RT: 6.64 min Scan# 253

Delta R.T. 0.02 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

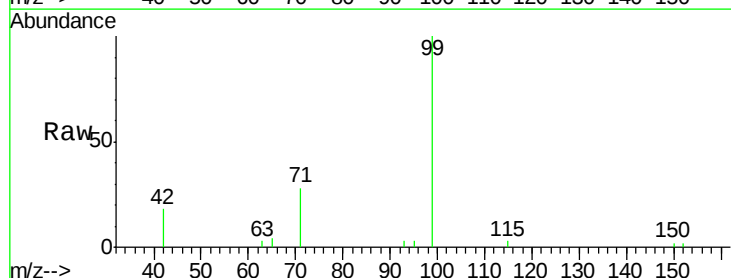
Tgt Ion: 99 Resp: 7637

Ion Ratio Lower Upper

99 100

42 14.4 0.0 0.0#

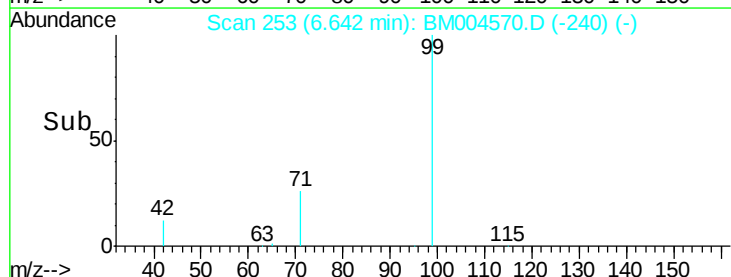
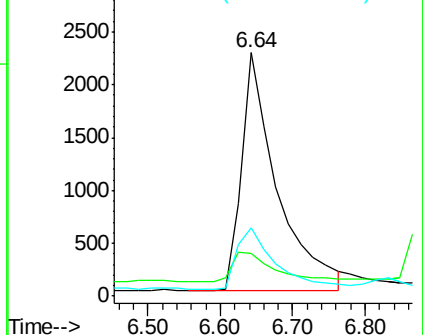
71 28.3 0.2 0.2#

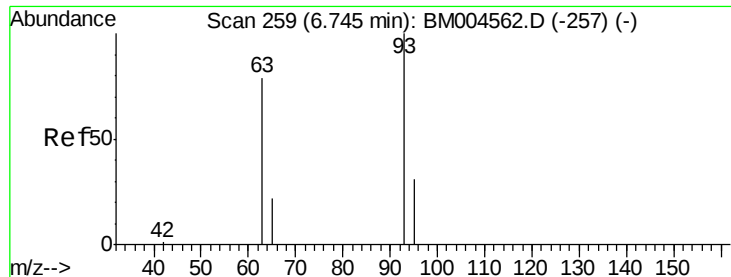


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#6

bis(2-Chloroethyl)ether

Concen: 0.01 ng

RT: 6.69 min Scan# 256

Delta R.T. -0.05 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

Instrument :

BNA_M

ClientSampleId :

OUTFALL001-160302

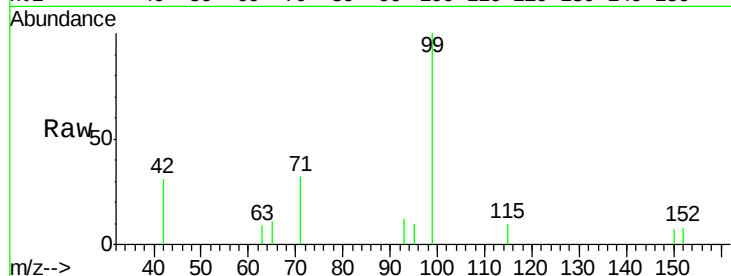
Tgt Ion: 93 Resp: 53

Ion Ratio Lower Upper

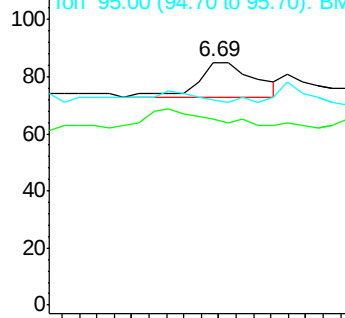
93 100

63 0.0 18.7 28.1#

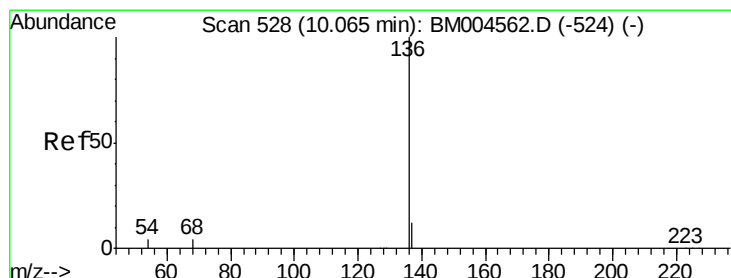
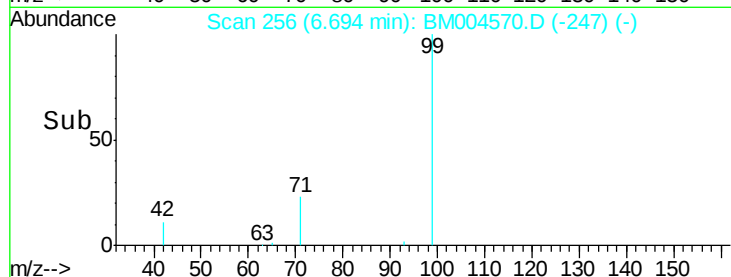
95 0.0 0.0 0.0



Abundance Ion 93.00 (92.70 to 93.70): BM004562.D (-257) (-)



Time-->



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.06 min Scan# 528

Delta R.T. 0.00 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

Tgt Ion: 136 Resp: 84689

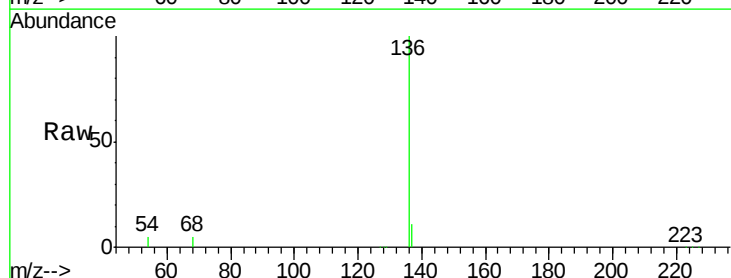
Ion Ratio Lower Upper

136 100

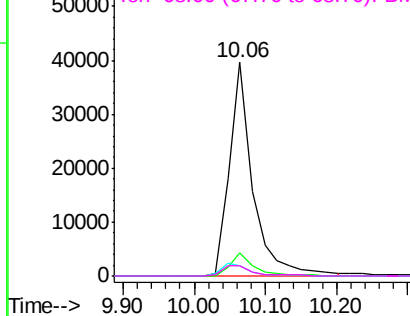
137 11.1 9.2 13.8

54 5.1 3.0 4.4#

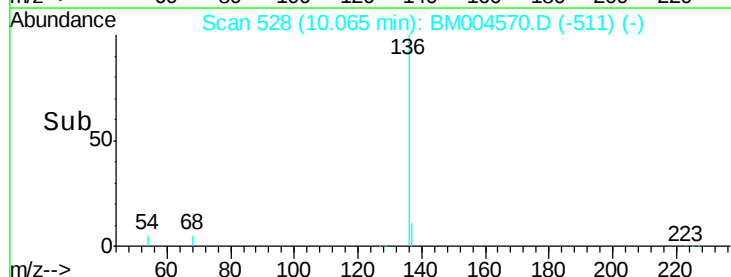
68 4.7 2.9 4.3#

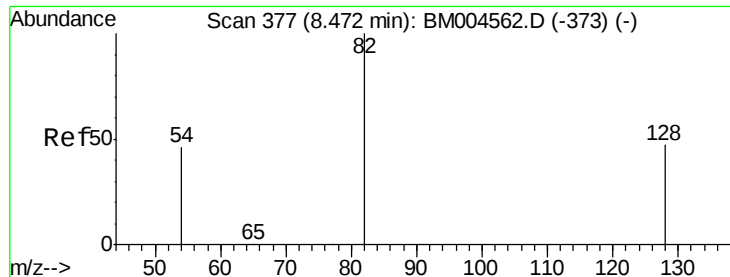


Abundance Ion 136.00 (135.70 to 136.70): BM004562.D (-524) (-)



Time-->





#8

Nitrobenzene-d5

Concen: 3.85 ng

RT: 8.48 min Scan# 378

Delta R.T. 0.01 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

Instrument :

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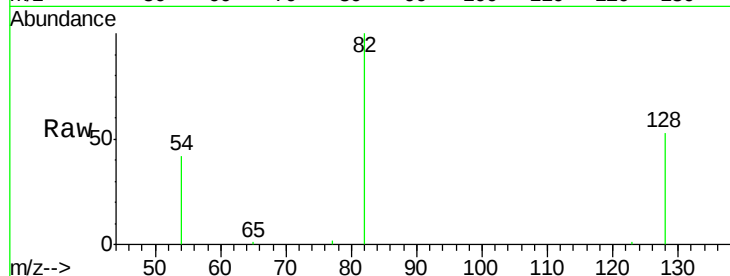
Tgt Ion: 82 Resp: 17426

Ion Ratio Lower Upper

82 100

128 53.4 38.6 58.0

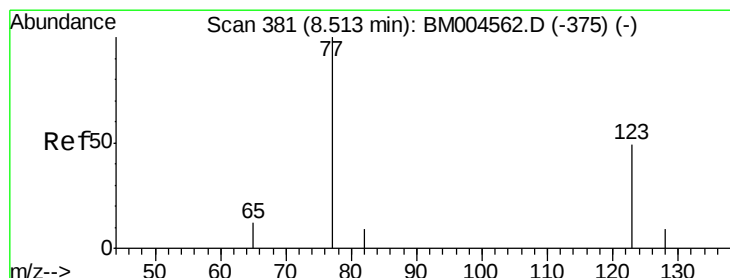
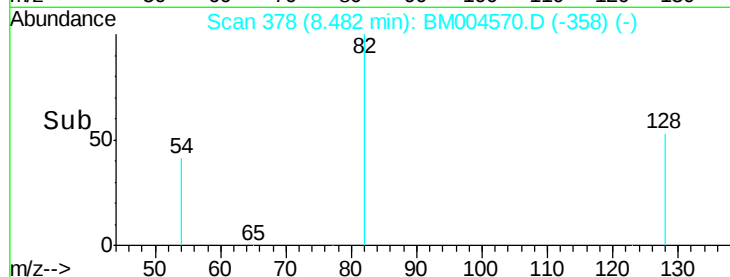
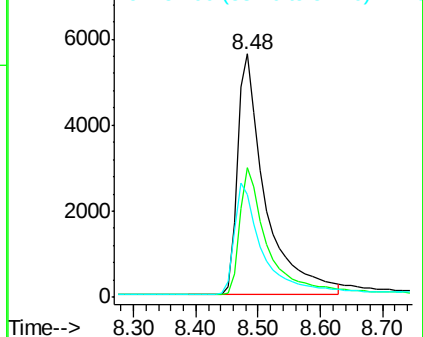
54 42.1 38.5 57.7



Abundance Ion 82.00 (81.70 to 82.70): BM004570.D (-373) (-)

Ion 128.00 (127.70 to 128.70): BM004570.D (-373) (-)

Ion 54.00 (53.70 to 54.70): BM004570.D (-373) (-)



#9

Nitrobenzene

Concen: 0.01 ng

RT: 8.48 min Scan# 378

Delta R.T. -0.03 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

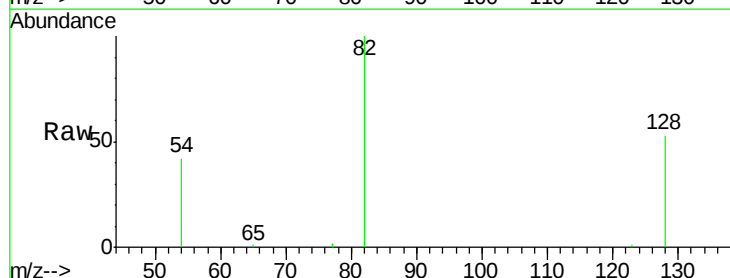
Tgt Ion: 77 Resp: 51

Ion Ratio Lower Upper

77 100

123 0.0 0.0 0.0

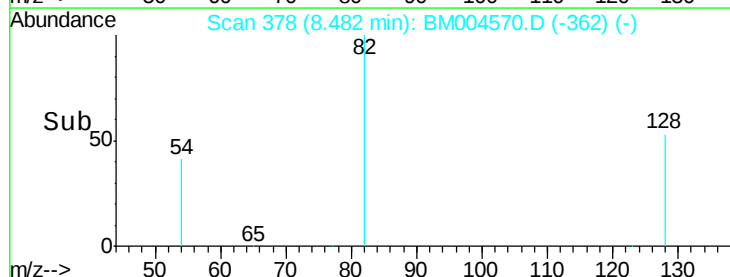
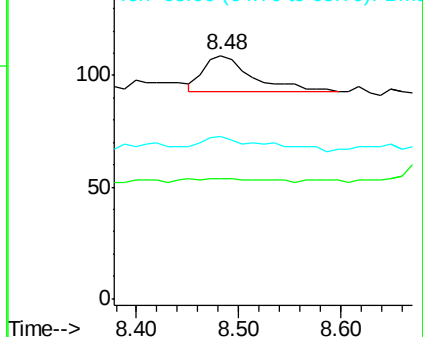
65 52.9 0.0 0.0#

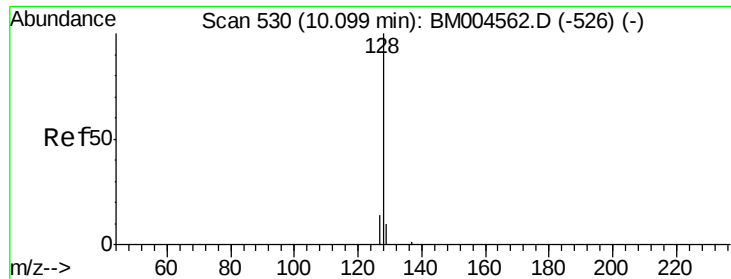


Abundance Ion 77.00 (76.70 to 77.70): BM004570.D (-362) (-)

Ion 123.00 (122.70 to 123.70): BM004570.D (-362) (-)

Ion 65.00 (64.70 to 65.70): BM004570.D (-362) (-)

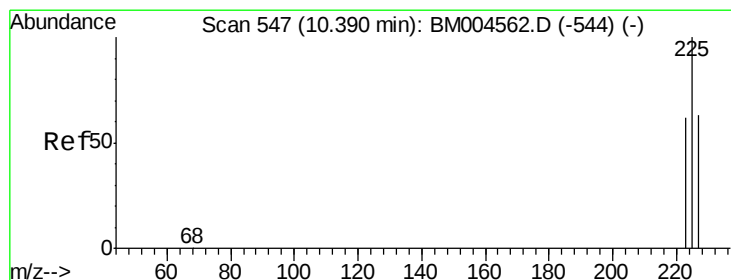
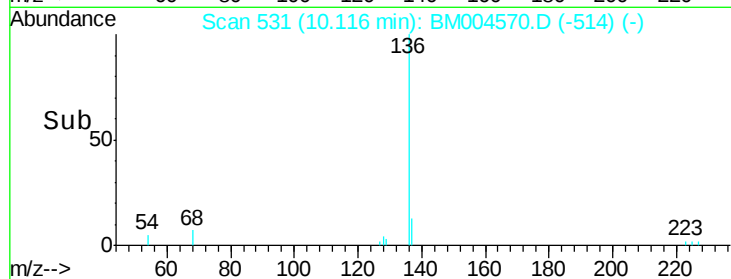
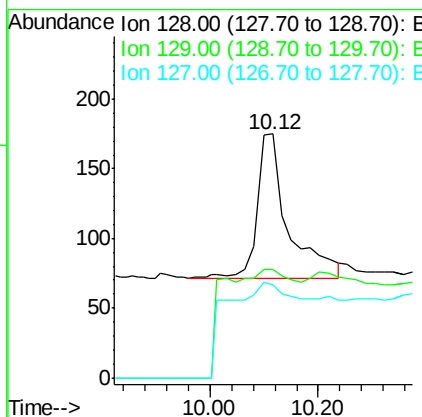
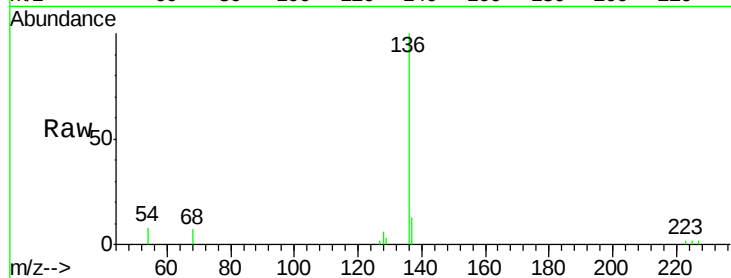




#10
Naphthalene
Concen: 0.02 ng
RT: 10.12 min Scan# 531
Delta R.T. 0.02 min
Lab File: BM004570.D
Acq: 05 Mar 2016 23:31

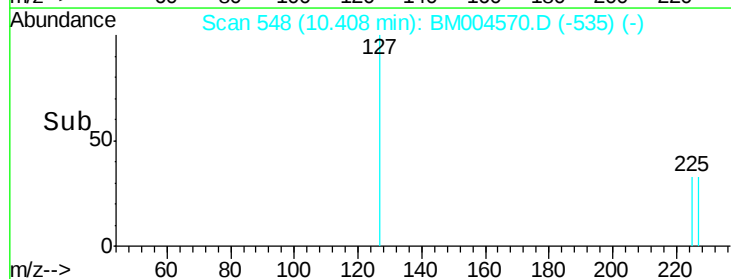
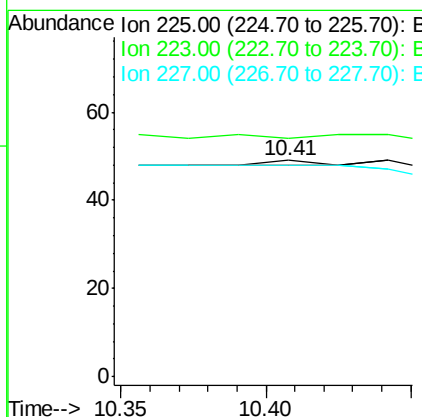
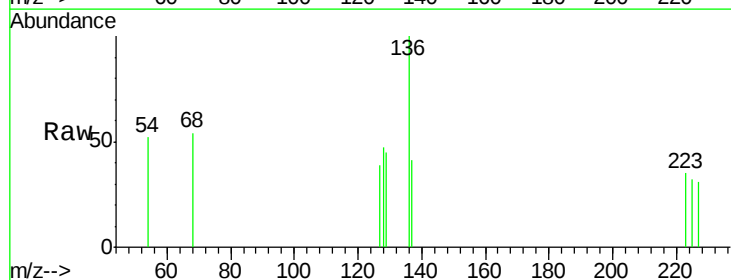
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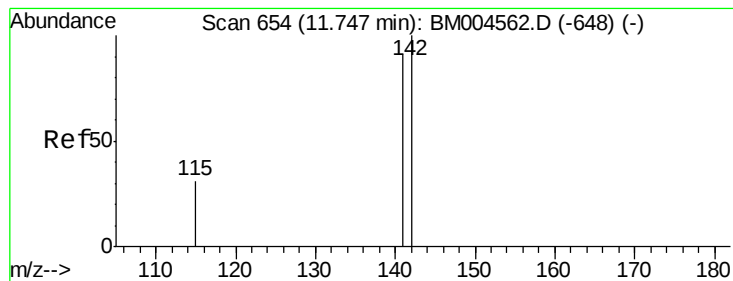
Tgt Ion:128 Resp: 375
Ion Ratio Lower Upper
128 100
129 44.6 8.7 13.1#
127 38.3 11.3 16.9#



#11
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.41 min Scan# 548
Delta R.T. 0.02 min
Lab File: BM004570.D
Acq: 05 Mar 2016 23:31

Tgt Ion:225 Resp: 1
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 0.0 0.0 0.0





#12

2-Methylnaphthalene

Concen: 0.01 ng

RT: 11.79 min Scan# 658

Delta R.T. 0.04 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

Instrument :

BNA_M

ClientSampleId :

OUTFALL001-160302

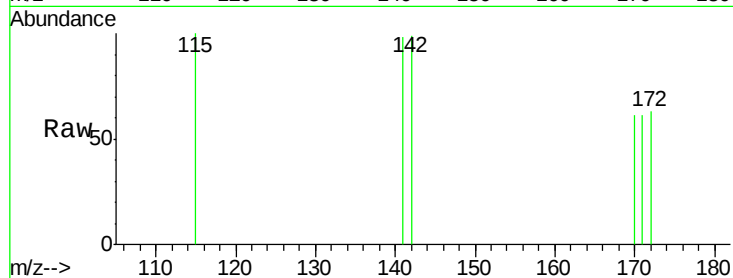
Tgt Ion:142 Resp: 72

Ion Ratio Lower Upper

142 100

141 98.7 72.3 108.5

115 101.3 25.4 38.2#



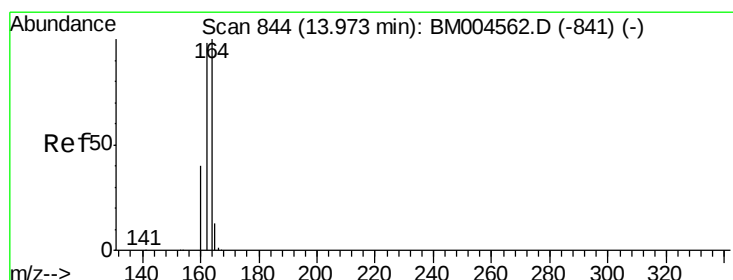
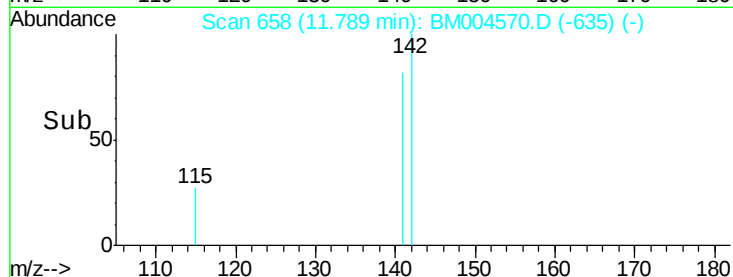
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.79

Time-->



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.97 min Scan# 844

Delta R.T. 0.00 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

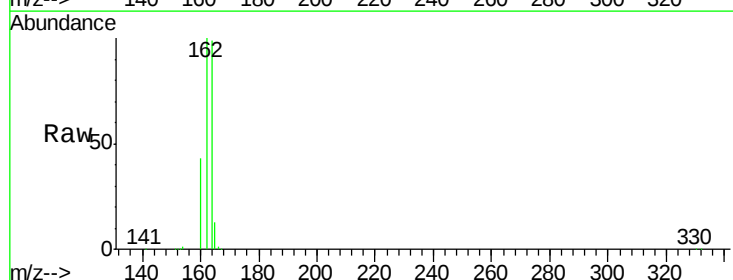
Tgt Ion:164 Resp: 45234

Ion Ratio Lower Upper

164 100

162 101.5 78.2 117.2

160 43.7 31.9 47.9



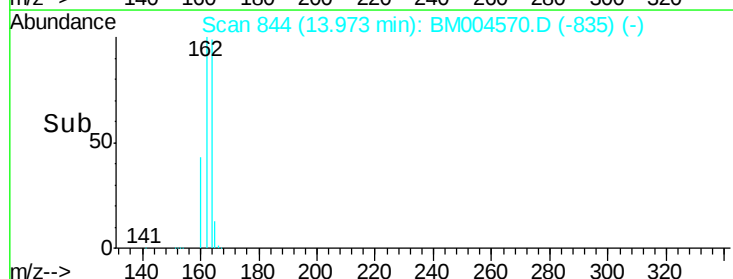
Abundance Ion 164.00 (163.70 to 164.70): E

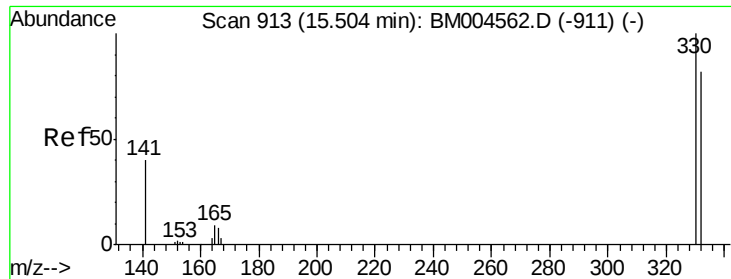
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

13.97

Time-->

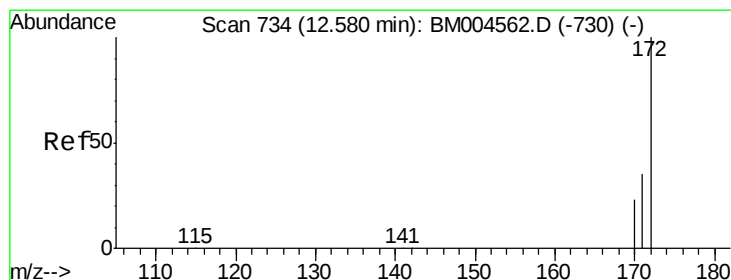
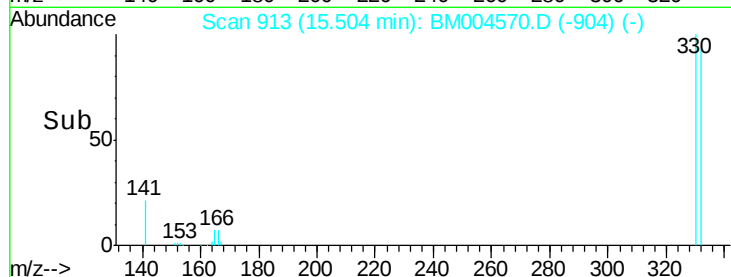
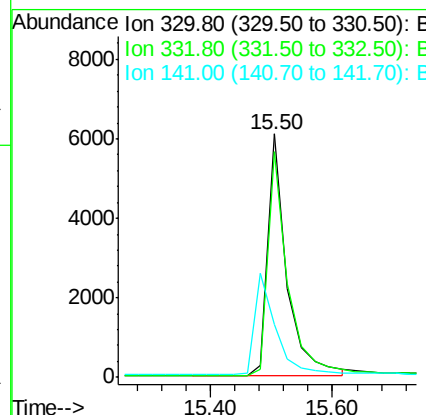
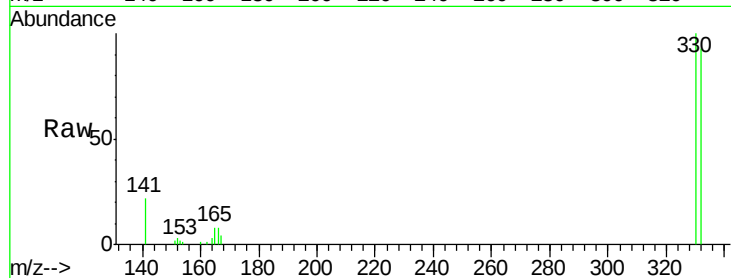




#14
 2,4,6-Tribromophenol
 Concen: 7.80 ng
 RT: 15.50 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BM004570.D
 Acq: 05 Mar 2016 23:31

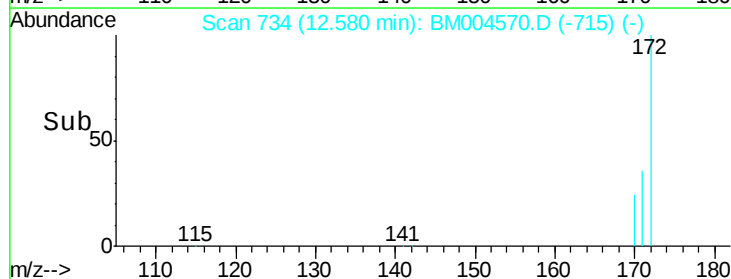
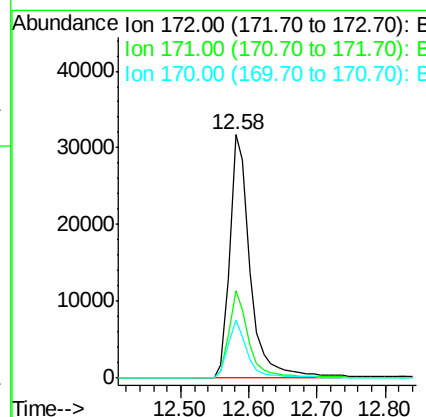
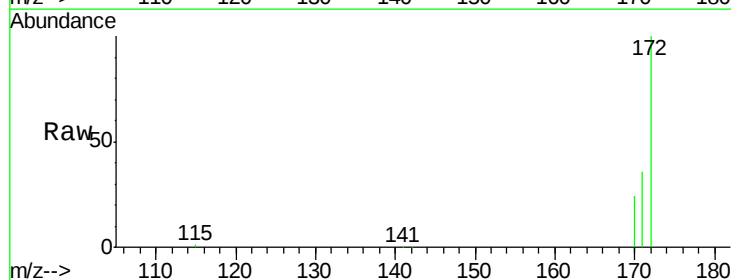
Instrument :
 BNA_M
 ClientSampleId :
 OUTFALL001-160302

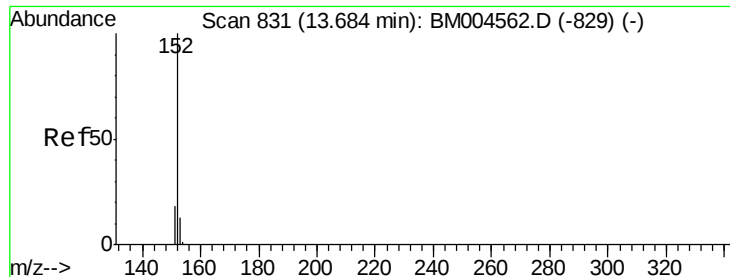
Tgt Ion:330 Resp: 13273
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 0.0 0.0 0.0



#15
 2-Fluorobiphenyl
 Concen: 4.52 ng
 RT: 12.58 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BM004570.D
 Acq: 05 Mar 2016 23:31

Tgt Ion:172 Resp: 65584
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 42.8
 170 24.1 19.1 28.7





#16

Acenaphthylene

Concen: 0.04 ng

RT: 13.53 min Scan# 824

Delta R.T. -0.16 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

Instrument :

BNA_M

ClientSampleId :

OUTFALL001-160302

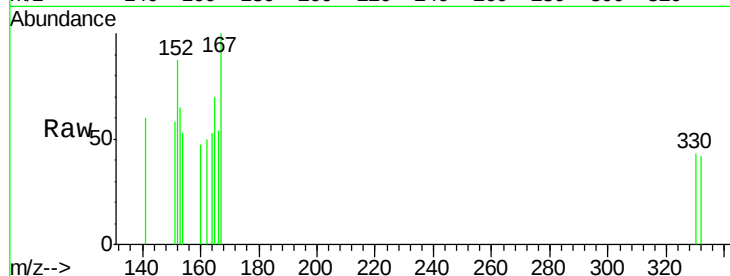
Tgt Ion: 152 Resp: 16

Ion Ratio Lower Upper

152 100

151 0.0 9.2 13.8#

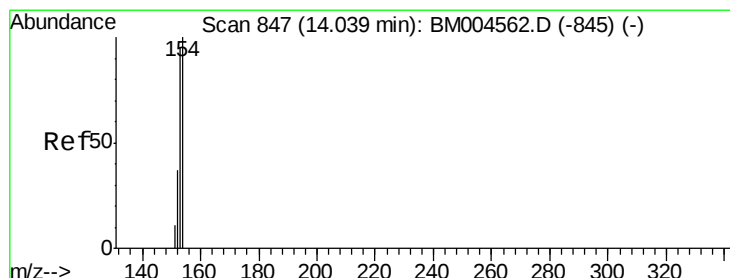
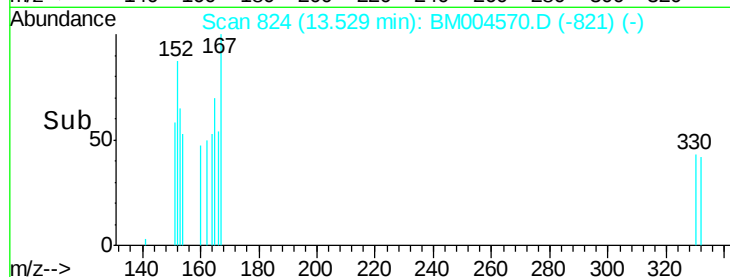
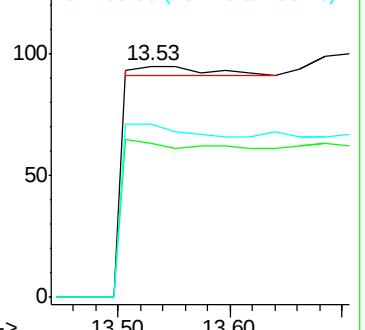
153 0.0 51.4 77.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.07 ng

RT: 13.97 min Scan# 844

Delta R.T. -0.07 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

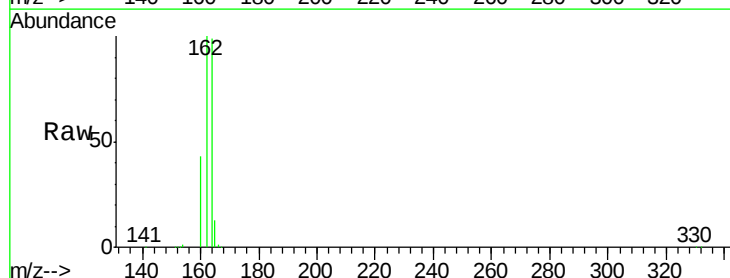
Tgt Ion: 154 Resp: 234

Ion Ratio Lower Upper

154 100

153 0.0 0.0 0.0

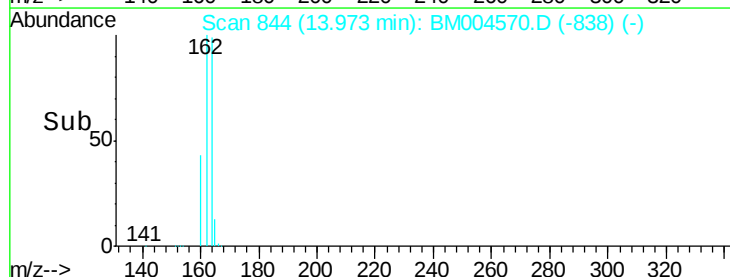
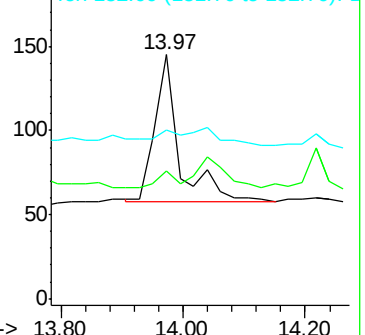
152 0.0 0.2 0.2#

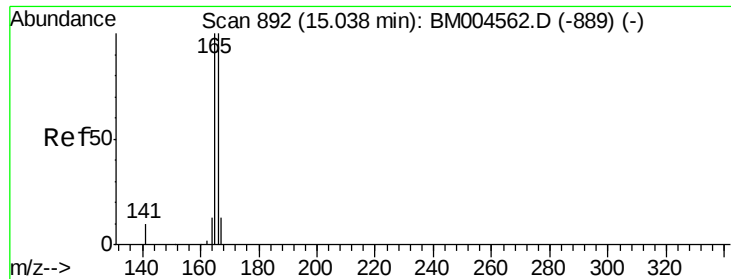


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: Below Cal

RT: 15.06 min Scan# 893

Delta R.T. 0.02 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

Instrument :

BNA_M

ClientSampleId :

OUTFALL001-160302

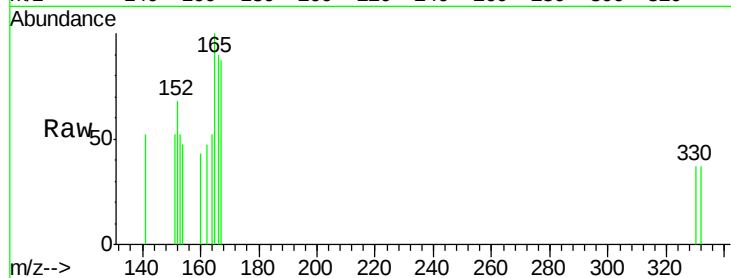
Tgt Ion:166 Resp: 132

Ion Ratio Lower Upper

166 100

165 112.1 0.0 0.0#

167 23.5 20.0 30.0



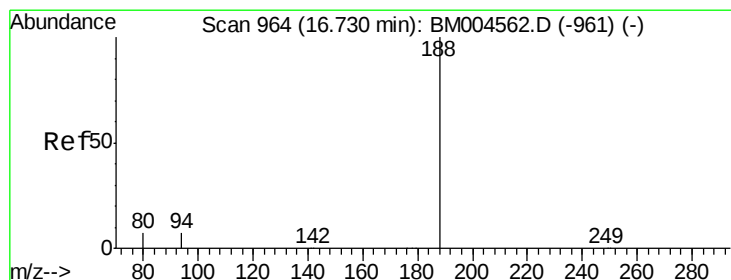
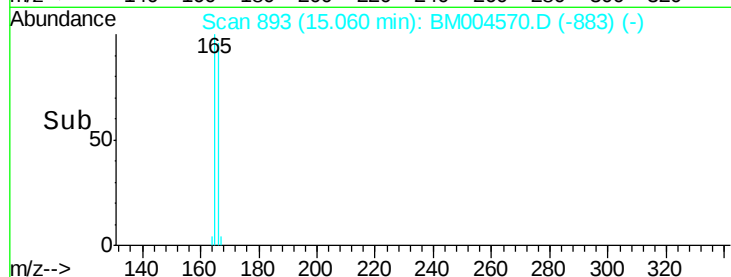
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.06

Time-->



#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.73 min Scan# 964

Delta R.T. 0.00 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

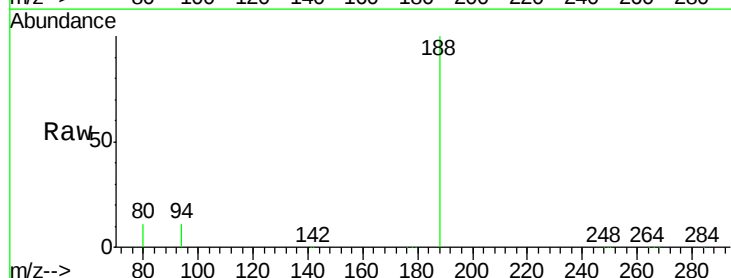
Tgt Ion:188 Resp: 106540

Ion Ratio Lower Upper

188 100

94 11.3 6.0 9.0#

80 10.8 5.3 7.9#



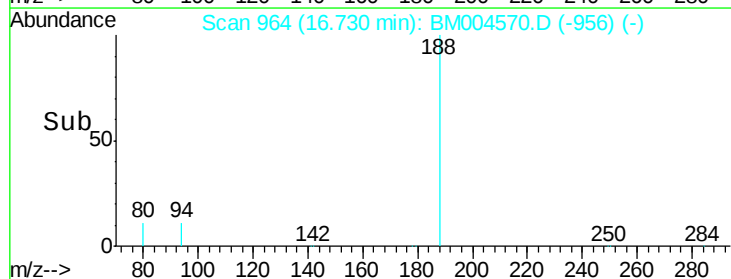
Abundance Ion 188.00 (187.70 to 188.70): E

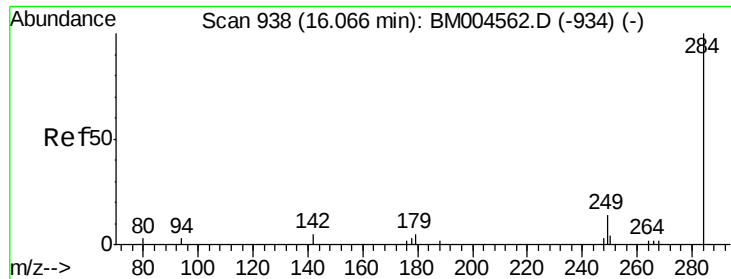
Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

16.73

Time-->

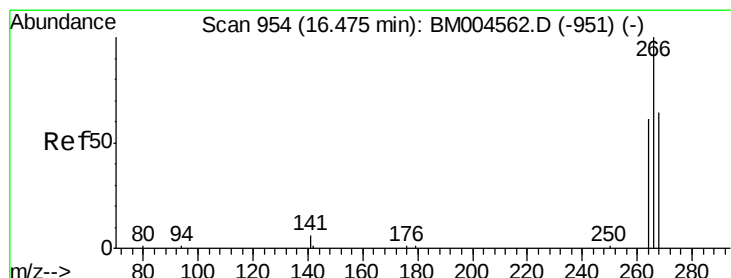
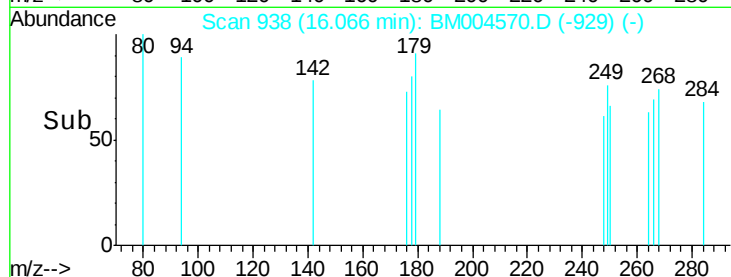
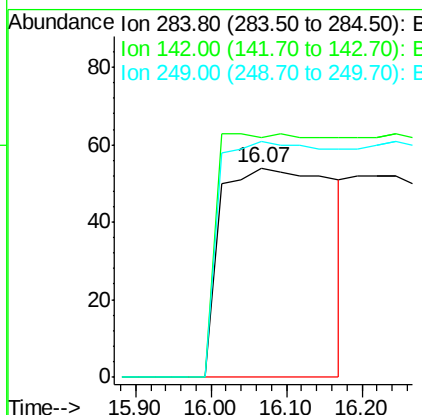
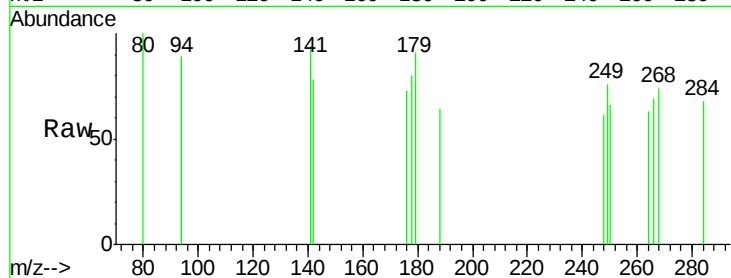




#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.07 min Scan# 938
Delta R.T. 0.00 min
Lab File: BM004570.D
Acq: 05 Mar 2016 23:31

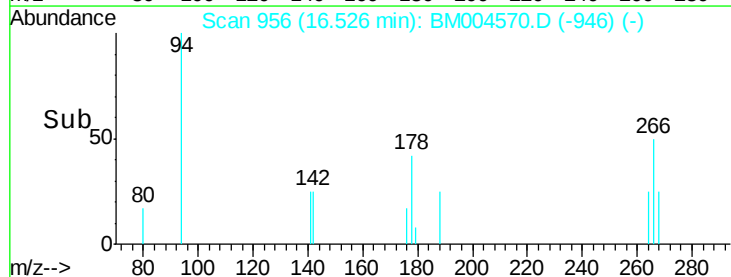
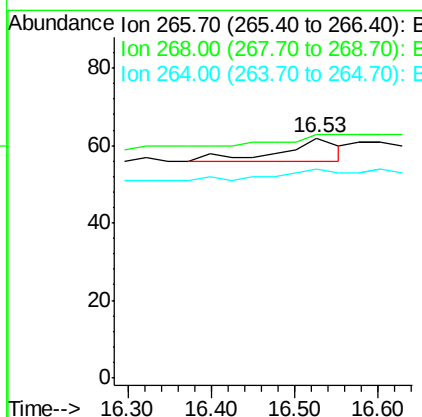
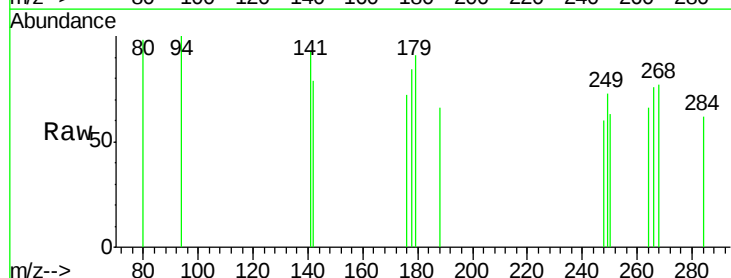
Instrument :
BNA_M
ClientSampleId :
OUTFALL001-160302

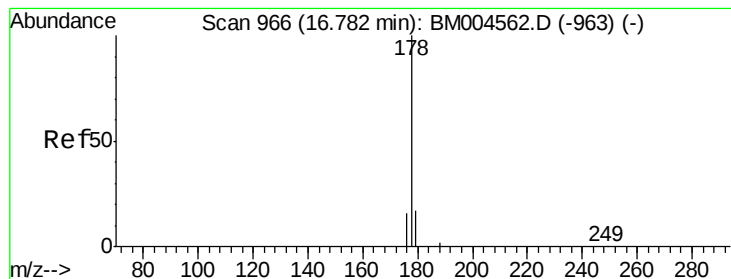
Tgt Ion: 284 Resp: 538
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 98.0 0.0 0.0#



#21
Pentachlorophenol
Concen: 0.13 ng
RT: 16.53 min Scan# 956
Delta R.T. 0.05 min
Lab File: BM004570.D
Acq: 05 Mar 2016 23:31

Tgt Ion: 266 Resp: 29
Ion Ratio Lower Upper
266 100
268 101.6 62.6 94.0#
264 87.1 57.4 86.0#





#22

Phenanthrene

Concen: 0.04 ng

RT: 16.78 min Scan# 966

Delta R.T. 0.00 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

Instrument :

BNA_M

ClientSampleId :

OUTFALL001-160302

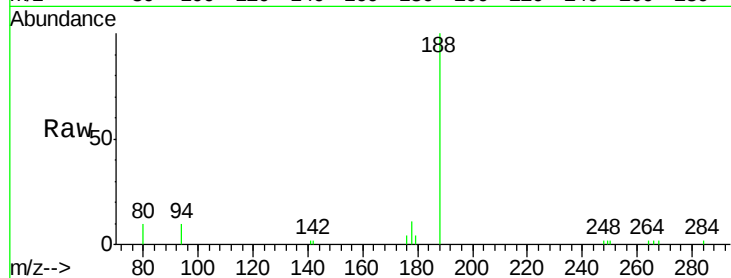
Tgt Ion:178 Resp: 686

Ion Ratio Lower Upper

178 100

176 21.3 0.0 0.0#

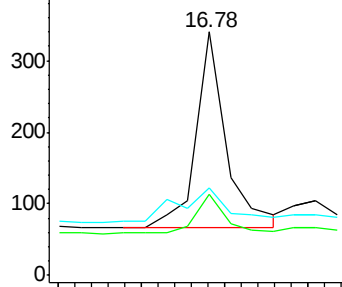
179 29.4 0.0 0.0#



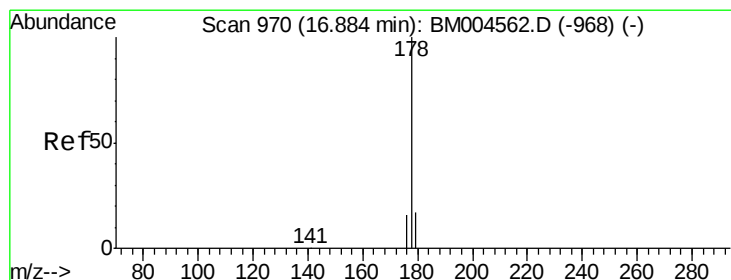
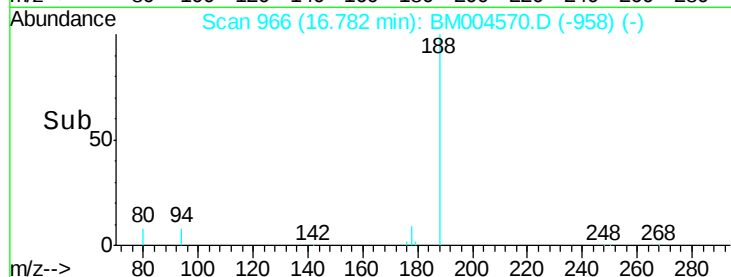
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 16.60 16.70 16.80 16.90



#23

Anthracene

Concen: 0.22 ng

RT: 16.91 min Scan# 971

Delta R.T. 0.03 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

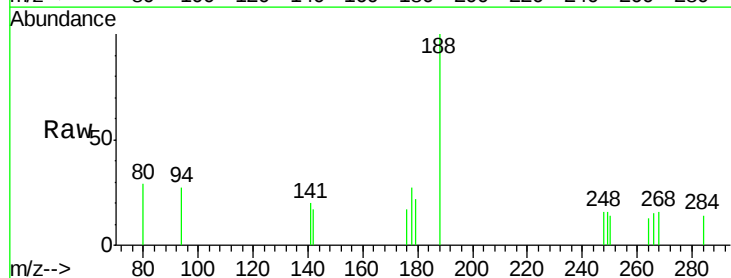
Tgt Ion:178 Resp: 101

Ion Ratio Lower Upper

178 100

176 27.7 0.0 0.0#

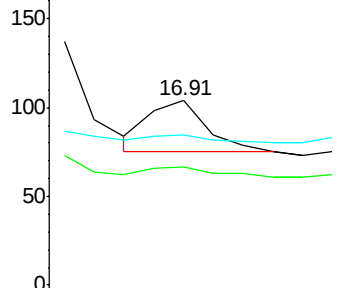
179 0.0 0.0 0.0



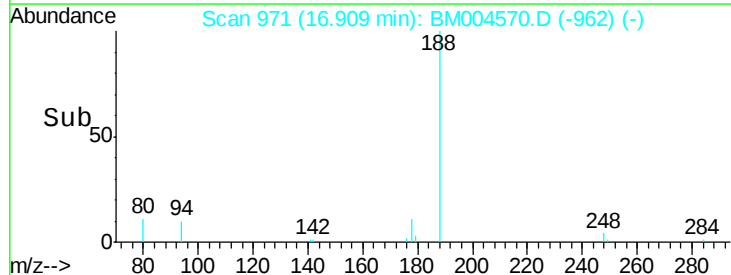
Abundance Ion 178.00 (177.70 to 178.70): E

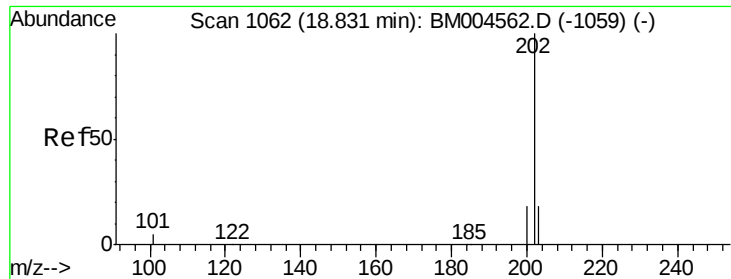
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 16.80 16.90 17.00





#24

Fluoranthene

Concen: 0.04 ng

RT: 18.85 min Scan# 1063

Delta R.T. 0.02 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

Instrument :

BNA_M

ClientSampleId :

OUTFALL001-160302

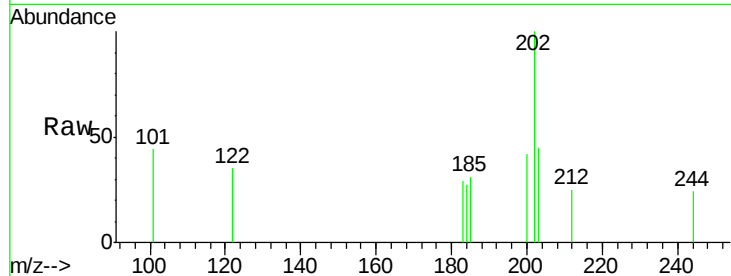
Tgt Ion: 202 Resp: 345

Ion Ratio Lower Upper

202 100

101 14.5 12.2 18.4

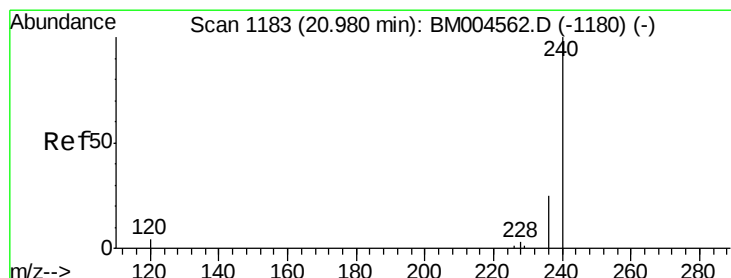
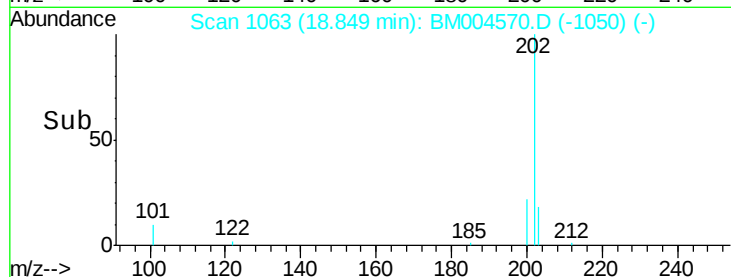
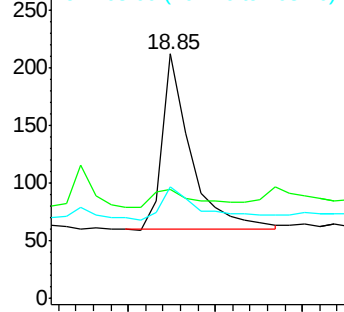
203 24.1 14.6 21.8#



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



#25

Chrysene-d12

Concen: 5.00 ng

RT: 20.98 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

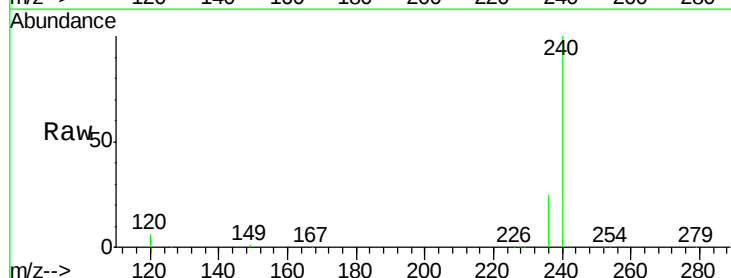
Tgt Ion: 240 Resp: 96064

Ion Ratio Lower Upper

240 100

120 6.1 3.5 5.3#

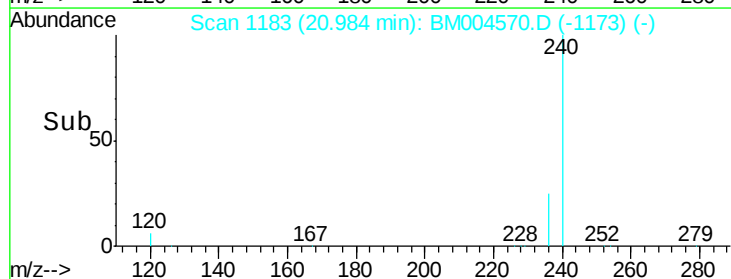
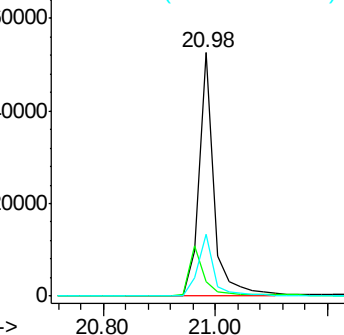
236 25.3 20.3 30.5

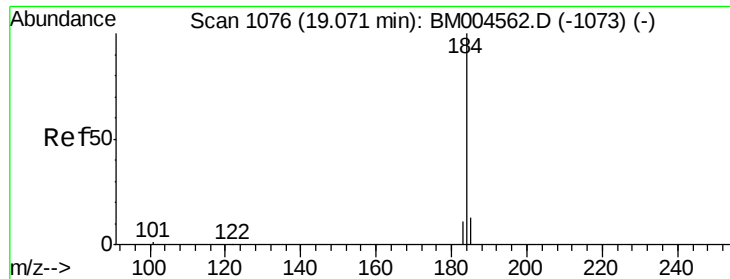


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

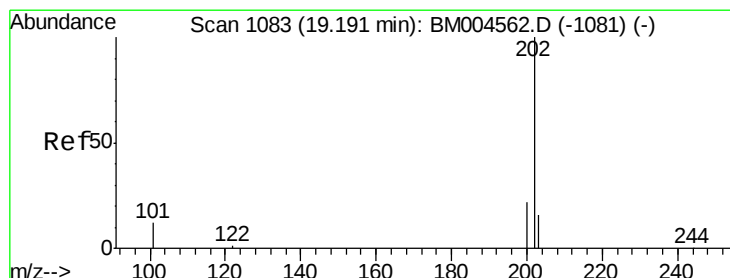
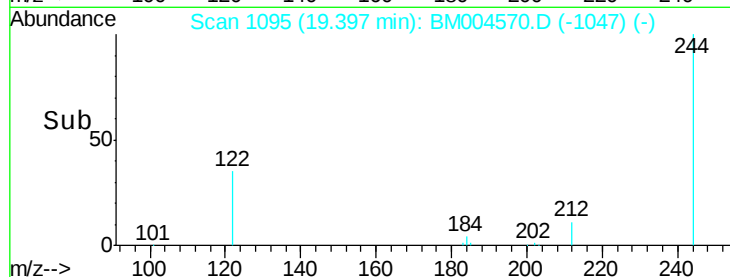
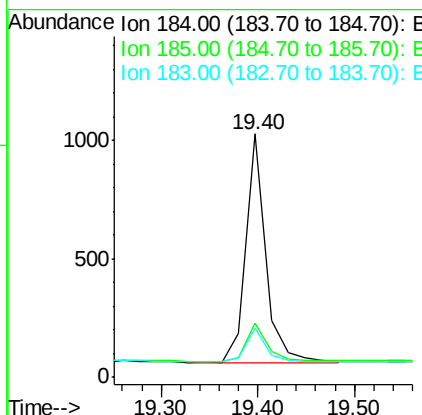
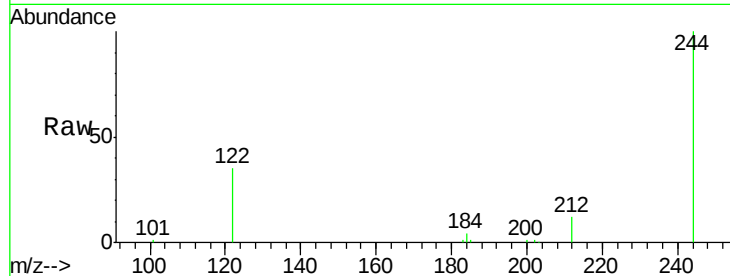




#26
Benzidine
Concen: 0.55 ng
RT: 19.40 min Scan# 1095
Delta R.T. 0.33 min
Lab File: BM004570.D
Acq: 05 Mar 2016 23:31

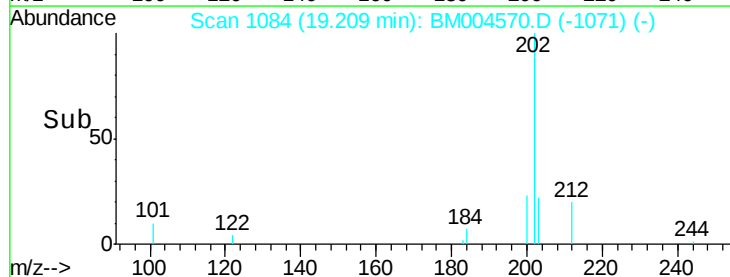
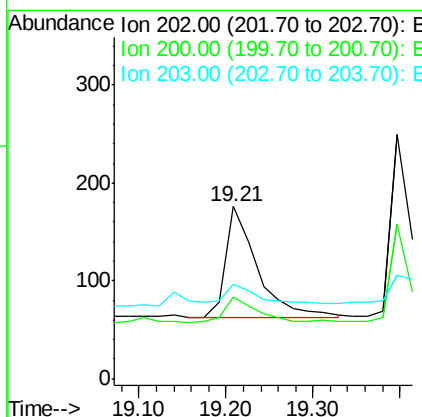
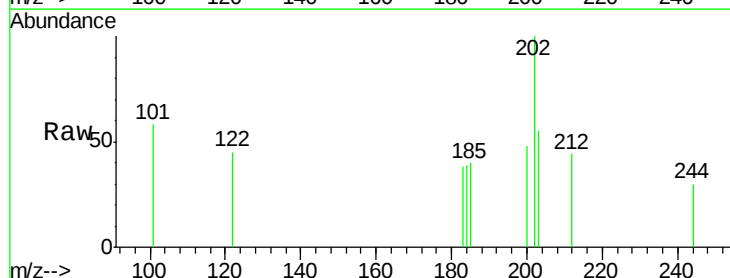
Instrument :
BNA_M
ClientSampleId :
OUTFALL001-160302

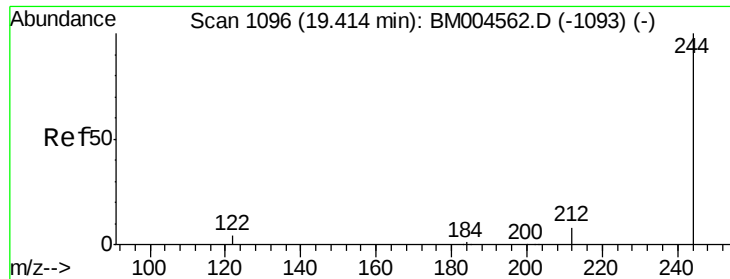
Tgt Ion:184 Resp: 1385
Ion Ratio Lower Upper
184 100
185 22.4 19.4 29.0
183 19.9 16.5 24.7



#27
Pyrene
Concen: 0.05 ng
RT: 19.21 min Scan# 1084
Delta R.T. 0.02 min
Lab File: BM004570.D
Acq: 05 Mar 2016 23:31

Tgt Ion:202 Resp: 292
Ion Ratio Lower Upper
202 100
200 24.7 0.2 0.2#
203 18.2 0.0 0.0#





#28

Terphenyl-d14

Concen: 4.52 ng

RT: 19.41 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

Instrument :

BNA_M

ClientSampleId :

OUTFALL001-160302

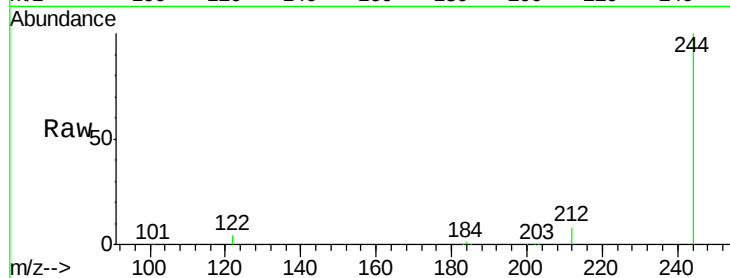
Tgt Ion:244 Resp: 65481

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

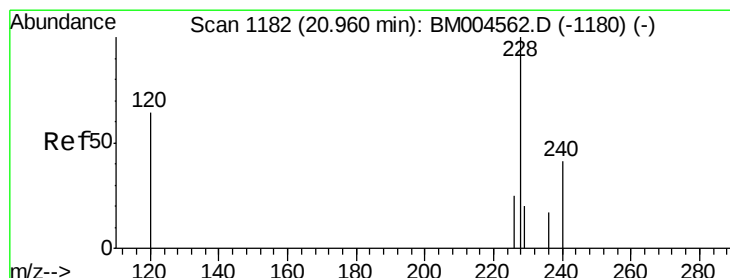
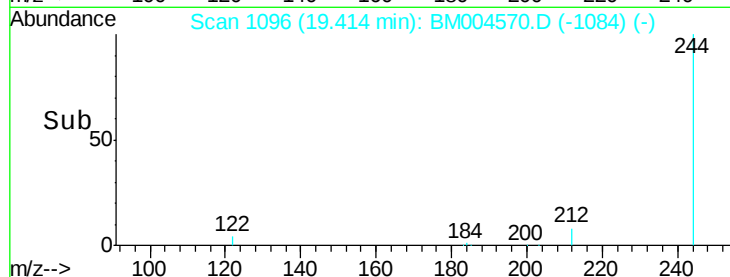
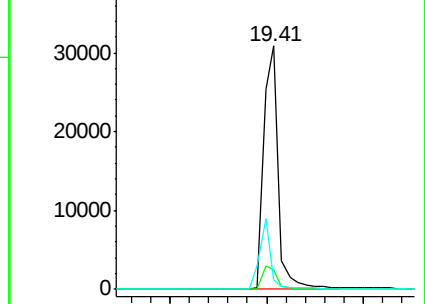
122 3.9 4.2 6.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#29

Benzo(a)anthracene

Concen: 0.03 ng

RT: 20.98 min Scan# 1183

Delta R.T. 0.02 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

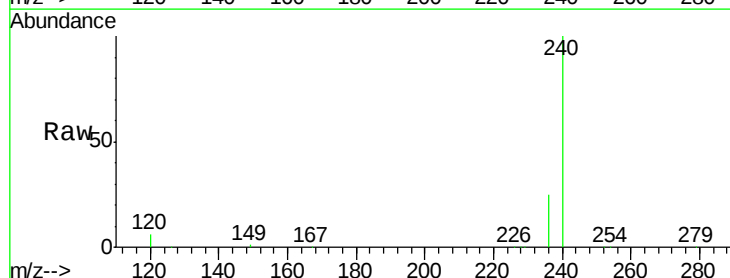
Tgt Ion:228 Resp: 1077

Ion Ratio Lower Upper

228 100

226 35.7 20.3 30.5#

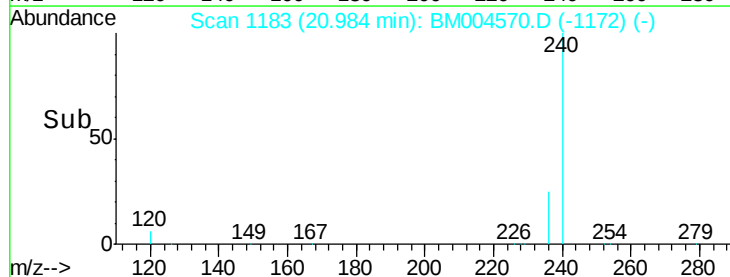
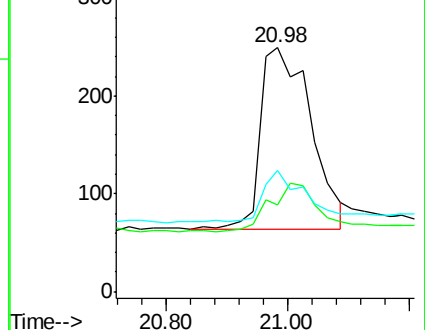
229 49.8 16.3 24.5#

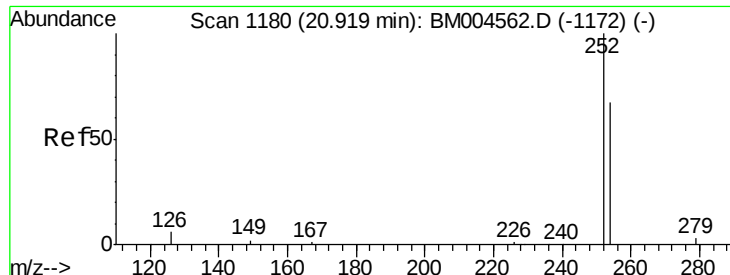


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

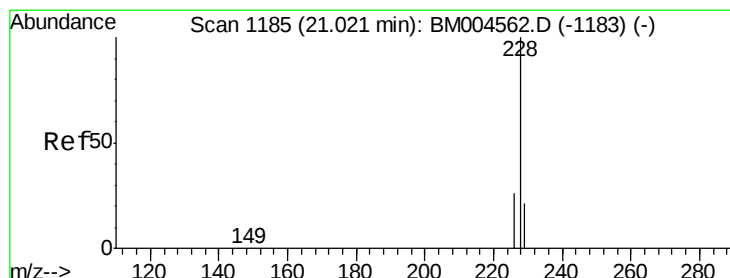
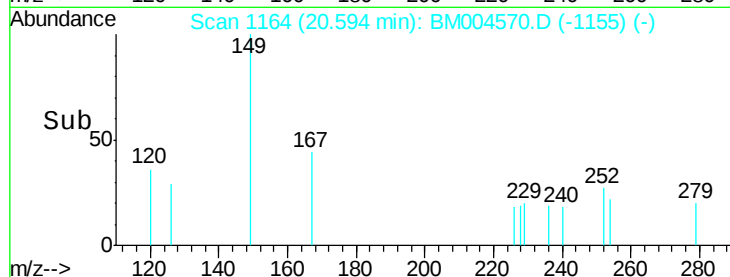
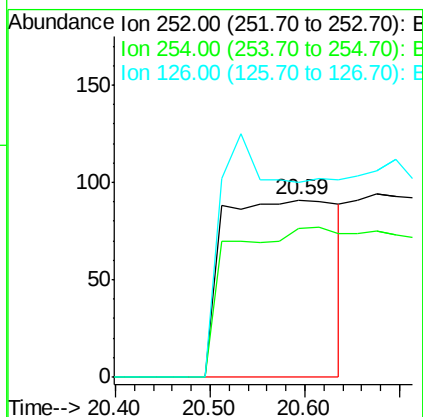
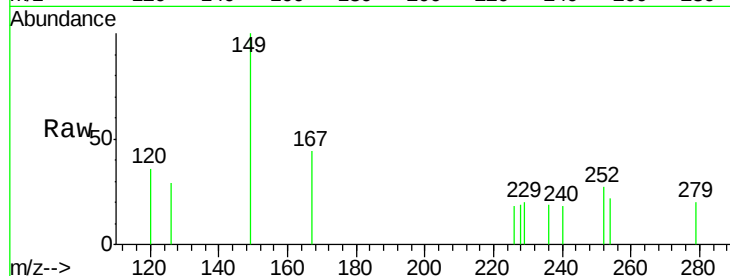




#30
 3,3'-Dichlorobenzidine
 Concen: 0.26 ng
 RT: 20.59 min Scan# 1164
 Delta R.T. -0.32 min
 Lab File: BM004570.D
 Acq: 05 Mar 2016 23:31

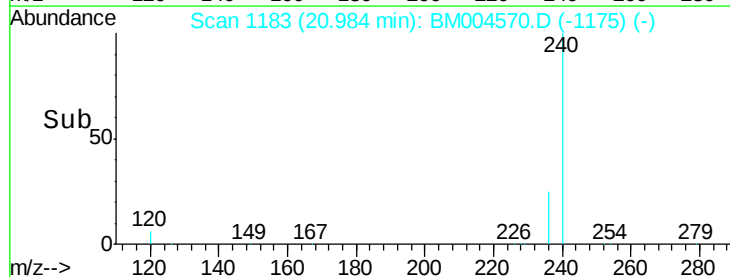
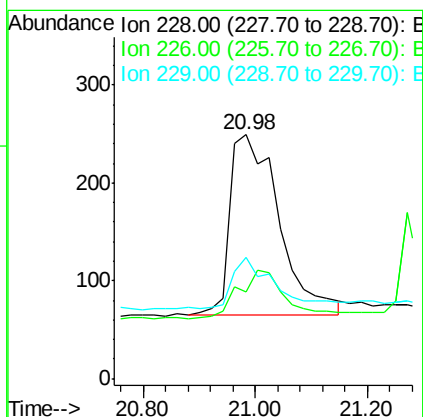
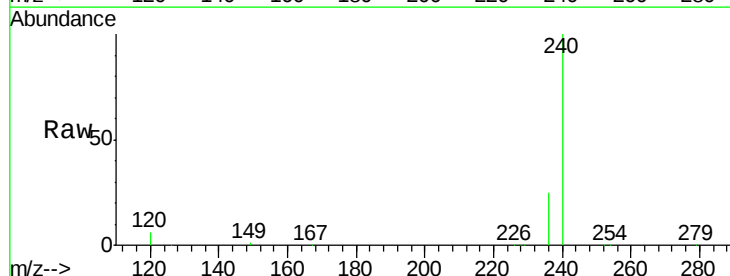
Instrument :
 BNA_M
 ClientSampleId :
 OUTFALL001-160302

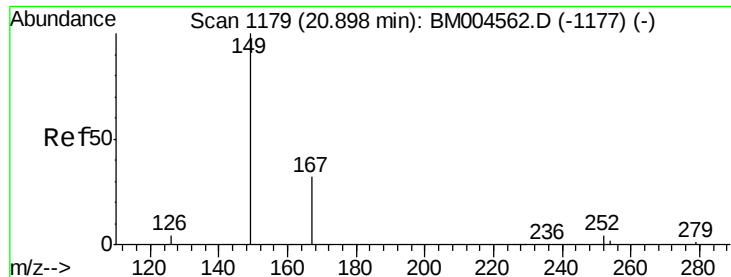
Tgt Ion: 252 Resp: 734
 Ion Ratio Lower Upper
 252 100
 254 83.5 53.9 80.9#
 126 109.9 6.9 10.3#



#31
 Chrysene
 Concen: 0.09 ng
 RT: 20.98 min Scan# 1183
 Delta R.T. -0.04 min
 Lab File: BM004570.D
 Acq: 05 Mar 2016 23:31

Tgt Ion: 228 Resp: 1124
 Ion Ratio Lower Upper
 228 100
 226 35.7 20.3 30.5#
 229 49.8 17.8 26.6#

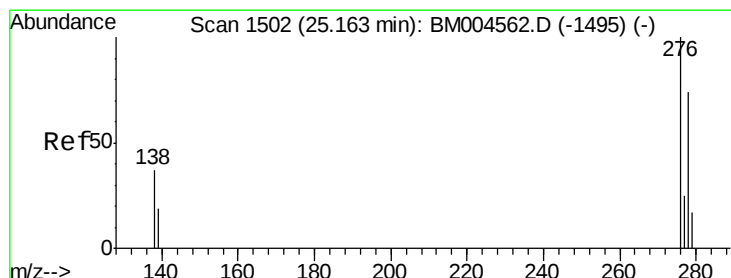
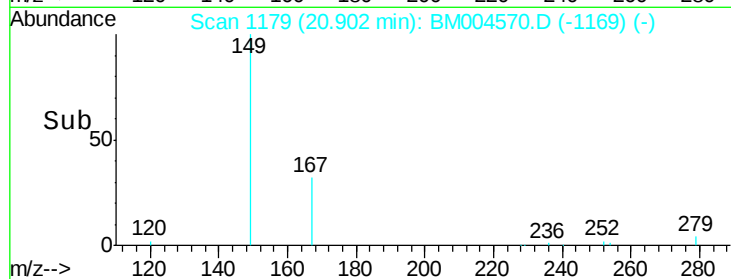
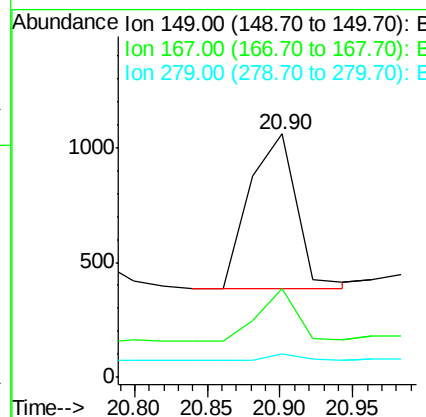
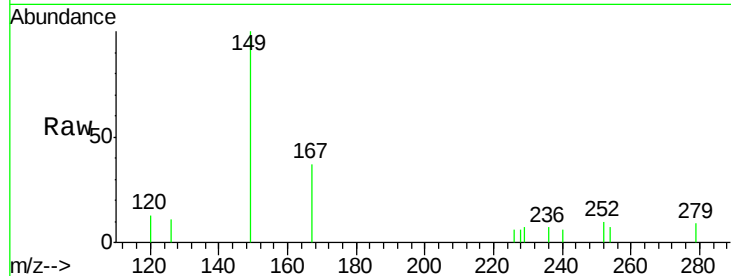




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.09 ng
 RT: 20.90 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BM004570.D
 Acq: 05 Mar 2016 23:31

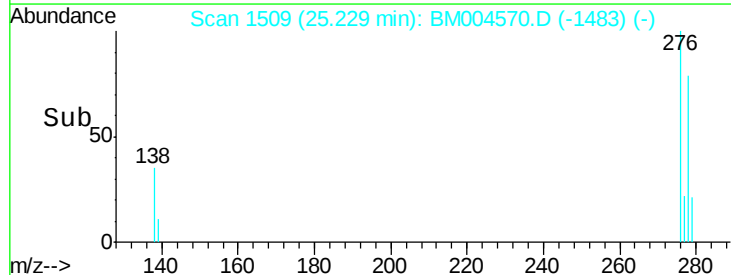
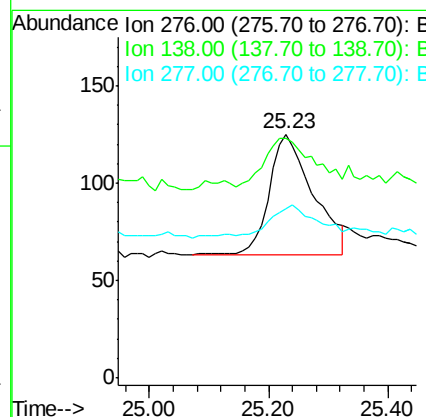
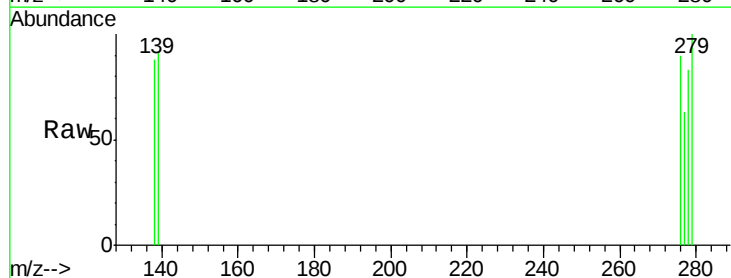
Instrument :
 BNA_M
 ClientSampleId :
 OUTFALL001-160302

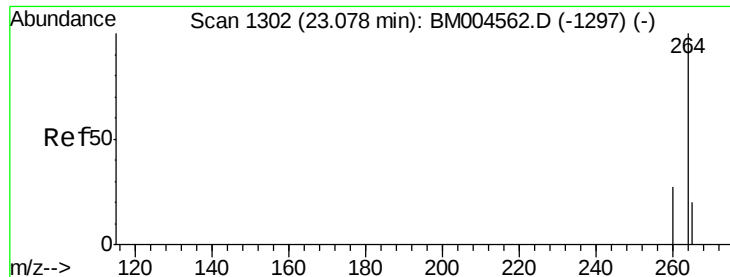
Tgt Ion:149 Resp: 1532
 Ion Ratio Lower Upper
 149 100
 167 27.6 0.6 0.8#
 279 5.0 0.0 0.0#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.11 ng
 RT: 25.23 min Scan# 1509
 Delta R.T. 0.07 min
 Lab File: BM004570.D
 Acq: 05 Mar 2016 23:31

Tgt Ion:276 Resp: 319
 Ion Ratio Lower Upper
 276 100
 138 44.2 22.8 34.2#
 277 0.0 15.2 22.8#





#34

Perylene-d12

Concen: 5.00 ng

RT: 23.08 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

Instrument :

BNA_M

ClientSampleId :

OUTFALL001-160302

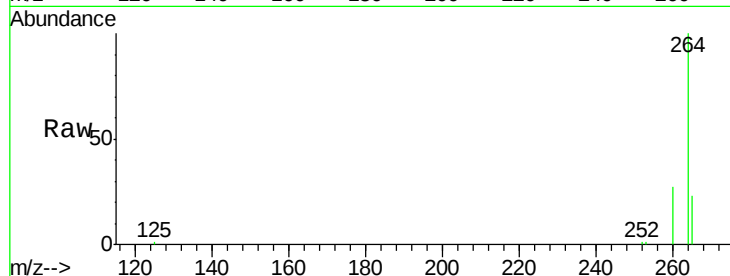
Tgt Ion:264 Resp: 90525

Ion Ratio Lower Upper

264 100

260 26.5 21.4 32.2

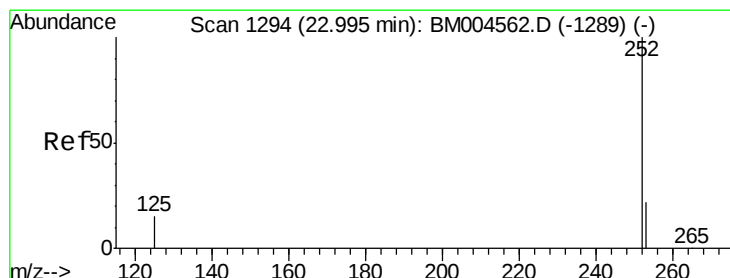
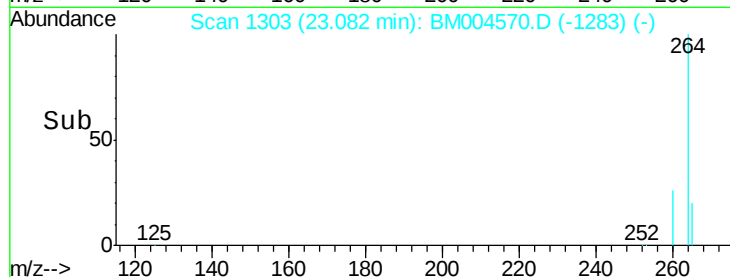
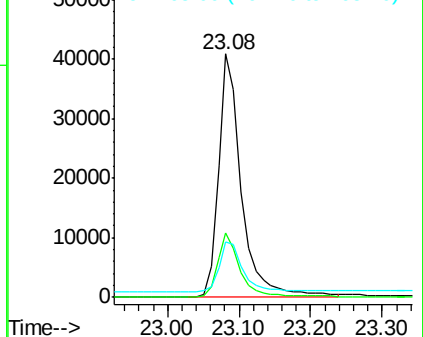
265 22.9 17.8 26.8



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



#35

Benzo(a)pyrene

Concen: 0.01 ng

RT: 23.00 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

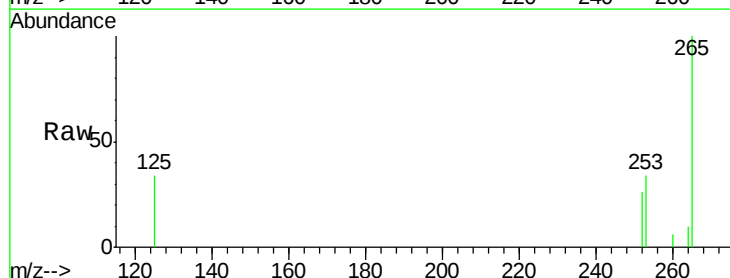
Tgt Ion:252 Resp: 164

Ion Ratio Lower Upper

252 100

253 130.9 19.0 28.6#

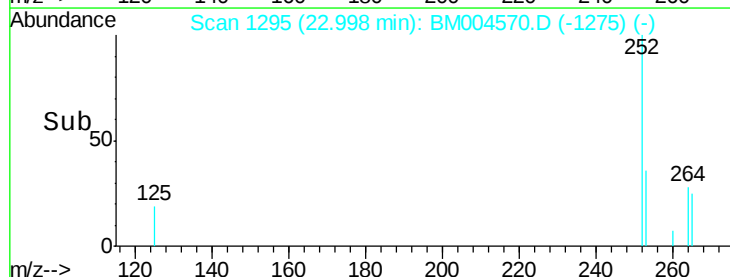
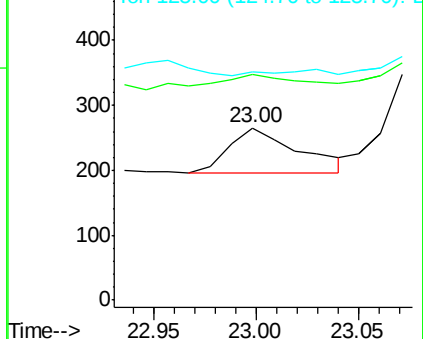
125 132.8 14.4 21.6#

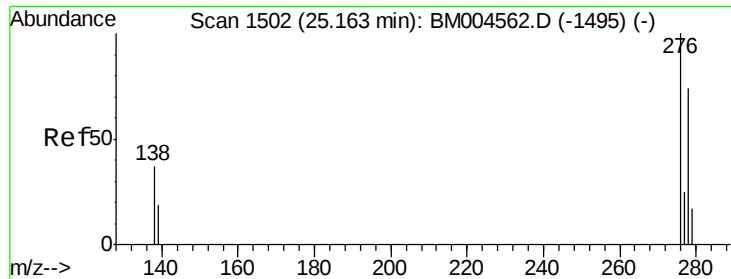


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Dibenzo(a,h)anthracene

Concen: 0.01 ng

RT: 25.22 min Scan# 1508

Delta R.T. 0.06 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

Instrument :

BNA_M

ClientSampleId :

OUTFALL001-160302

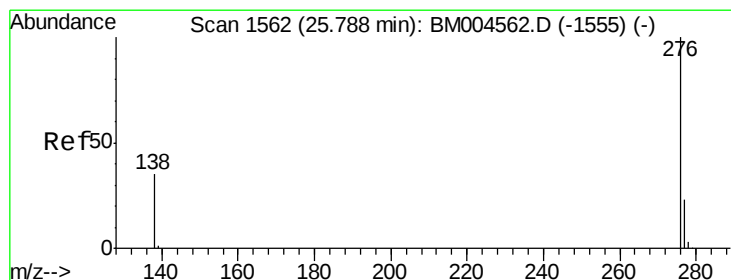
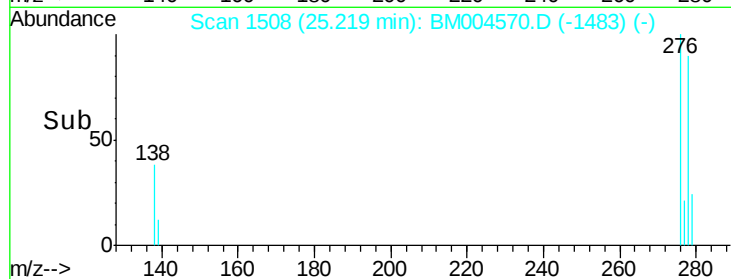
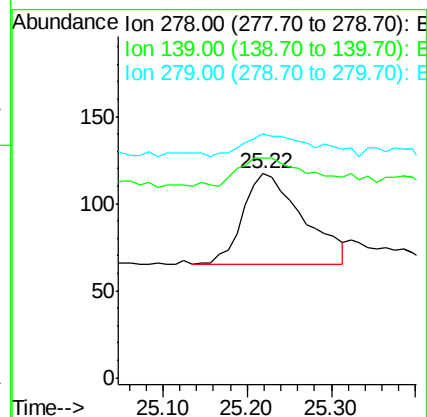
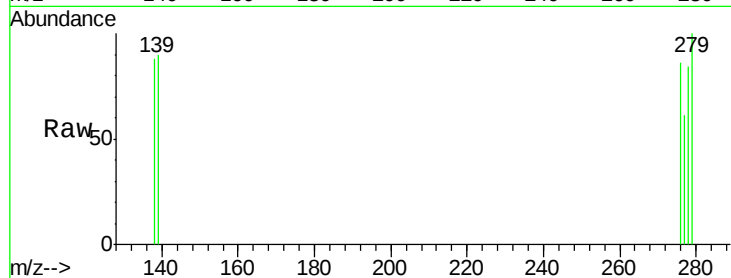
Tgt Ion: 278 Resp: 260

Ion Ratio Lower Upper

278 100

139 107.7 21.7 32.5#

279 119.7 20.2 30.4#



#37

Benzo(g,h,i)perylene

Concen: 0.01 ng

RT: 25.87 min Scan# 1570

Delta R.T. 0.08 min

Lab File: BM004570.D

Acq: 05 Mar 2016 23:31

Tgt Ion: 276 Resp: 255

Ion Ratio Lower Upper

276 100

277 75.0 19.1 28.7#

138 101.7 29.3 43.9#

