

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
 Data File : BM001586.D
 Acq On : 06 Jun 2015 09:52
 Operator : TP/IZ
 Sample : G2491-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW007-150601

Quant Time: Jun 08 05:37:19 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 05:27:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	25001	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	87670	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	40609	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	51062	5.00	ng	0.00
25) Chrysene-d12	21.28	240	68942	5.00	ng	0.00
32) Perylene-d12	23.52	264	63607	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	14563	2.64	ng	0.02
5) Phenol-d6	6.84	99	16734	2.47	ng	0.00
7) Nitrobenzene-d5	8.85	82	32120	5.38	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	25416	13.07	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	74424	5.95	ng	0.00
27) Terphenyl-d14	19.72	244	69006	7.75	ng	0.00

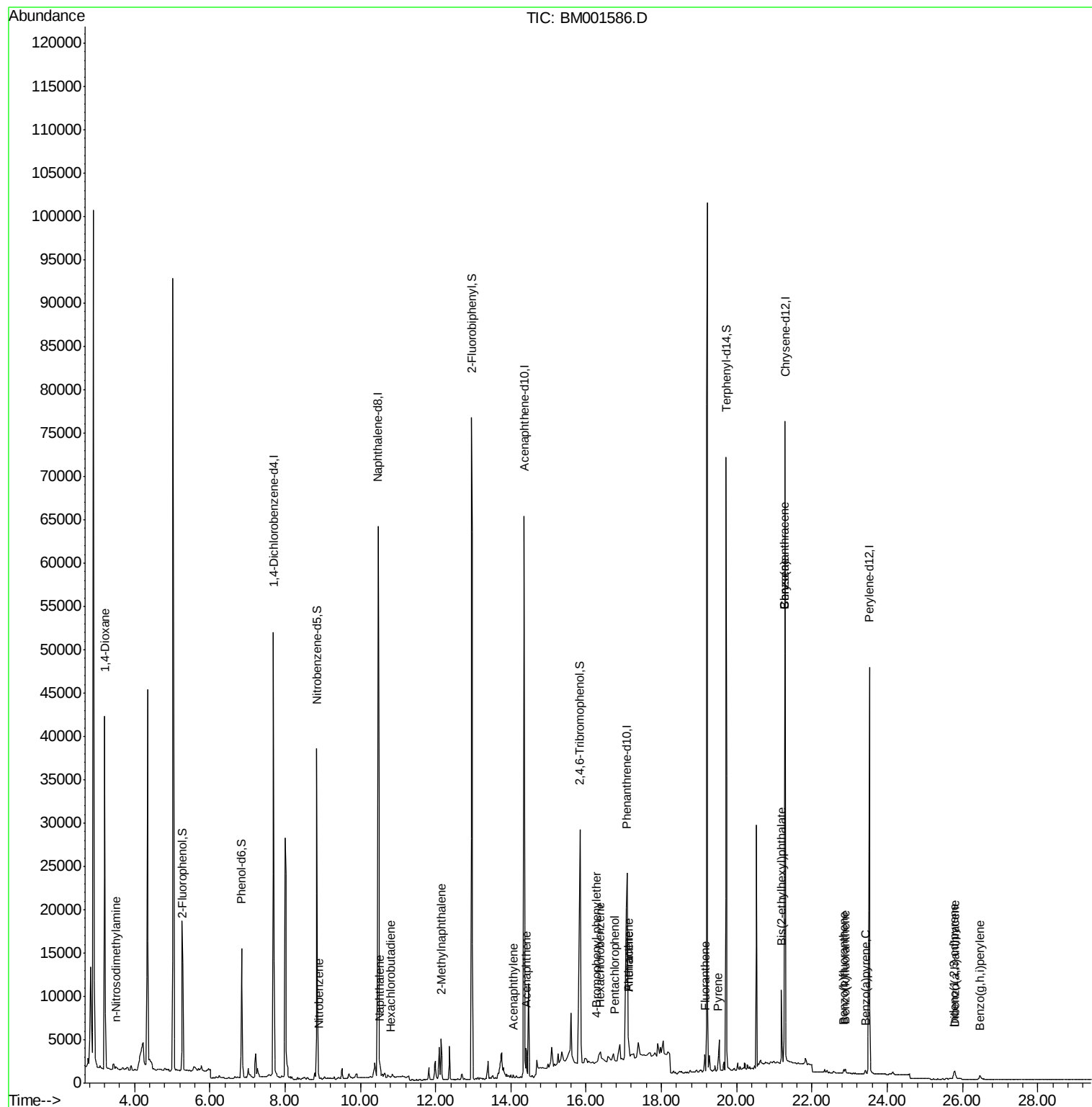
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	26923	12.50	ng	97
3) n-Nitrosodimethylamine	3.51	42	143	0.04	ng	# 29
8) Nitrobenzene	8.89	77	859	0.13	ng	# 54
9) Naphthalene	10.52	128	1373	0.07	ng	# 79
10) Hexachlorobutadiene	10.82	225	21	0.01	ng	# 79
11) 2-Methylnaphthalene	12.15	142	3209	0.27	ng	97
15) Acenaphthylene	14.06	152	384	0.02	ng	# 55
16) Acenaphthene	14.41	154	1903	0.17	ng	89
19) 4-Bromophenyl-phenylether	16.27	248	47	0.09	ng	# 73
20) Hexachlorobenzene	16.38	284	26	0.02	ng	# 1
21) Pentachlorophenol	16.75	266	501	0.64	ng	93
22) Phenanthrene	17.12	178	4084	0.23	ng	# 90
23) Anthracene	17.12	178	5026	0.67	ng	# 56
24) Fluoranthene	19.15	202	1954	0.14	ng	# 86
26) Pyrene	19.52	202	1609	0.07	ng	# 48
28) Benzo(a)anthracene	21.27	228	1049	0.05	ng	# 55
29) Chrysene	21.27	228	998	0.05	ng	# 49
30) Bis(2-ethylhexyl)phthalate	21.19	149	8281	0.73	ng	98
31) Indeno(1,2,3-cd)pyrene	25.77	276	1379	0.07	ng	98
33) Benzo(b)fluoranthene	22.84	252	782	0.04	ng	# 1
34) Benzo(k)fluoranthene	22.89	252	615	0.04	ng	# 1
35) Benzo(a)pyrene	23.42	252	765	0.05	ng	# 1
36) Dibenzo(a,h)anthracene	25.79	278	1229	0.08	ng	# 58
37) Benzo(g,h,i)perylene	26.46	276	1080	0.06	ng	# 68

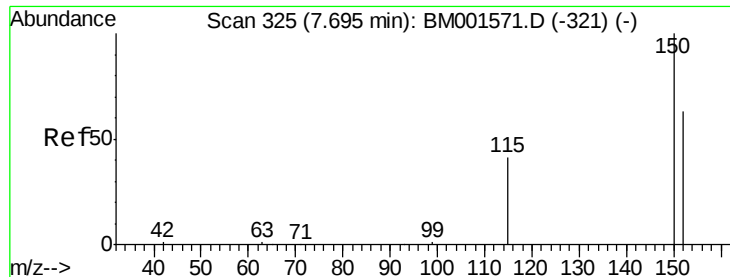
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.70 min Scan# 325

Delta R.T. -0.00 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

Instrument :

BNA_M

ClientSampleId :

SS043MW007-150601

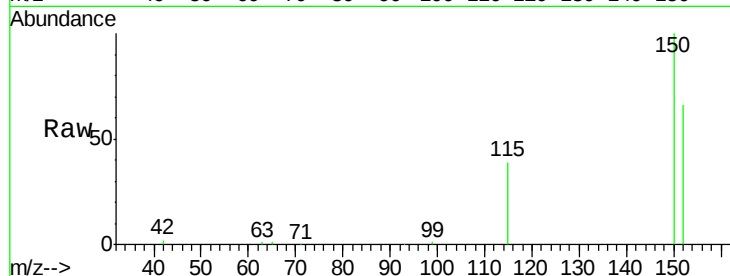
Tgt Ion:152 Resp: 25001

Ion Ratio Lower Upper

152 100

150 152.3 126.6 190.0

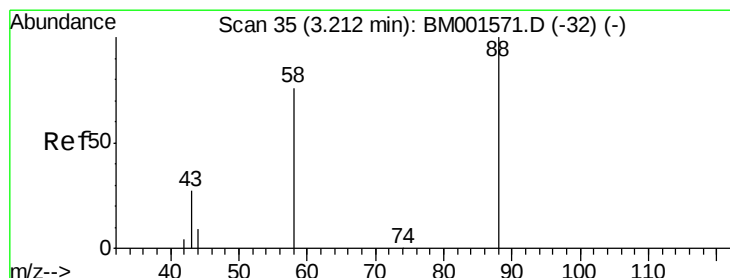
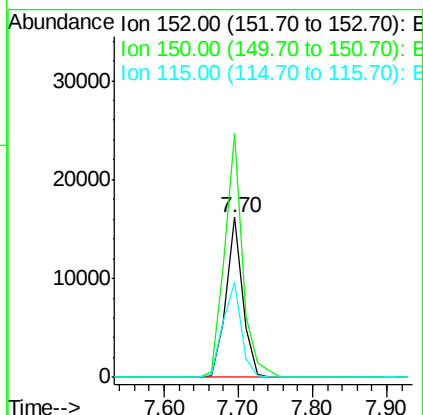
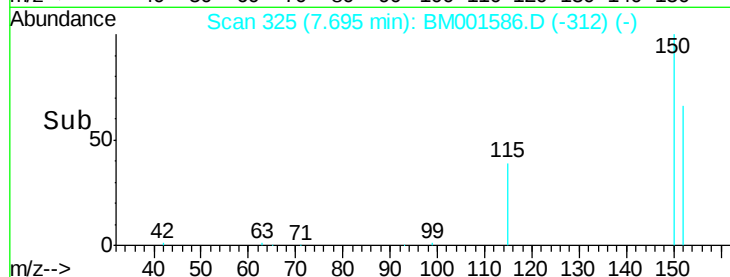
115 59.8 51.6 77.4



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



#2

1,4-Dioxane

Concen: 12.50 ng

RT: 3.21 min Scan# 35

Delta R.T. -0.00 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

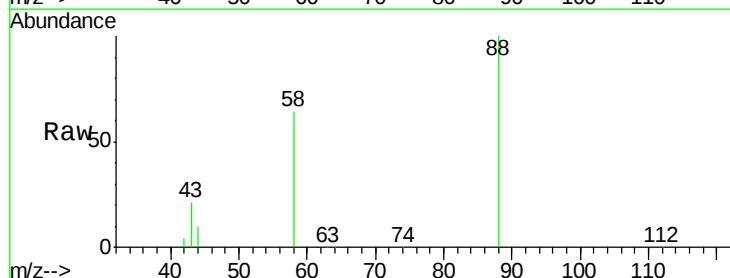
Tgt Ion: 88 Resp: 26923

Ion Ratio Lower Upper

88 100

58 86.1 66.1 99.1

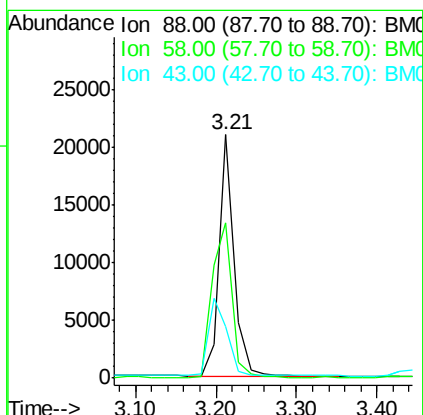
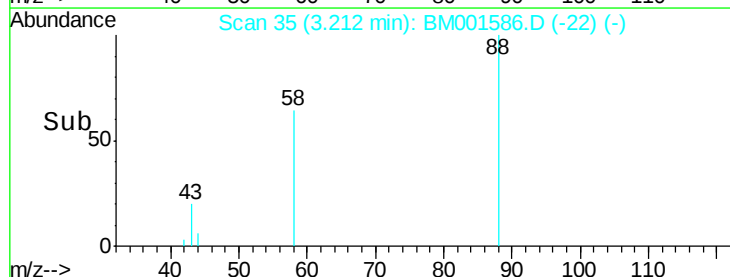
43 40.3 32.3 48.5

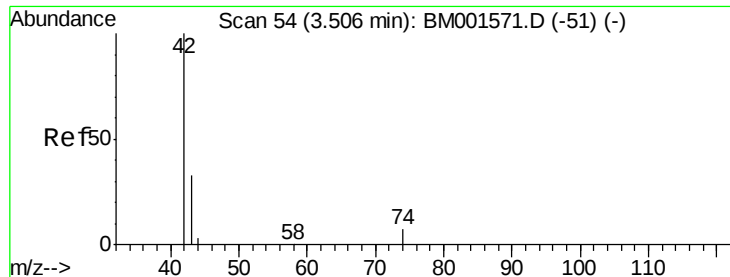


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.04 ng

RT: 3.51 min Scan# 54

Delta R.T. -0.00 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

Instrument :

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ClientSampleId :

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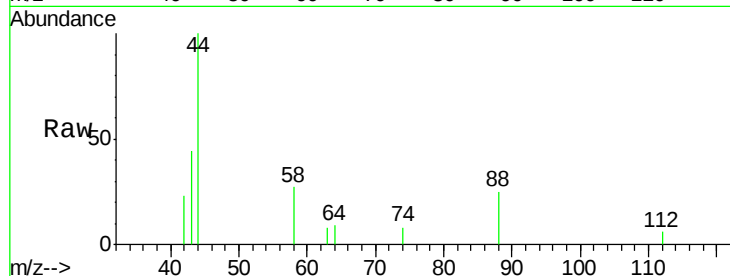
Tgt Ion: 42 Resp: 143

Ion Ratio Lower Upper

42 100

74 22.4 77.2 115.8#

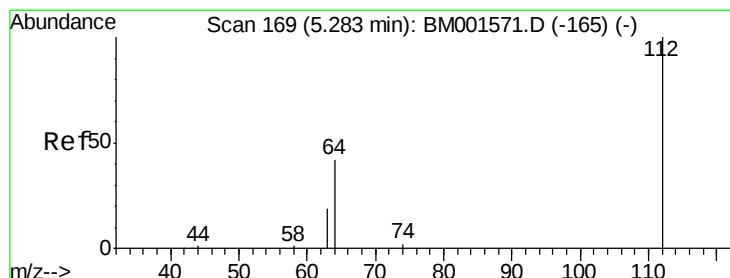
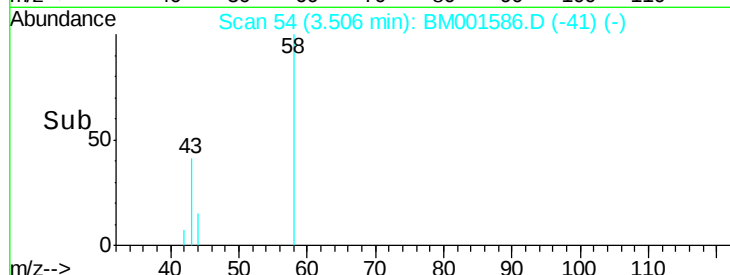
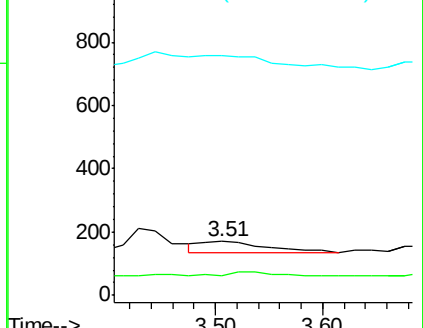
44 0.0 7.4 11.2#



Abundance Ion 42.00 (41.70 to 42.70): BM001571.D (-51) (-)

Ion 74.00 (73.70 to 74.70): BM001571.D (-51) (-)

Ion 44.00 (43.70 to 44.70): BM001571.D (-51) (-)



#4

2-Fluorophenol

Concen: 2.64 ng

RT: 5.28 min Scan# 169

Delta R.T. 0.02 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

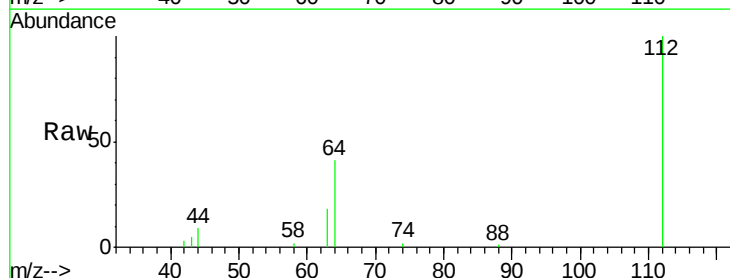
Tgt Ion: 112 Resp: 14563

Ion Ratio Lower Upper

112 100

64 67.8 53.3 79.9

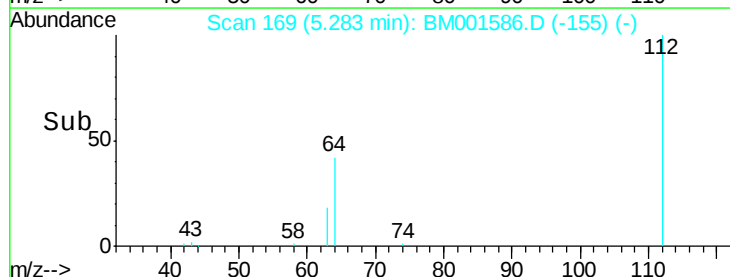
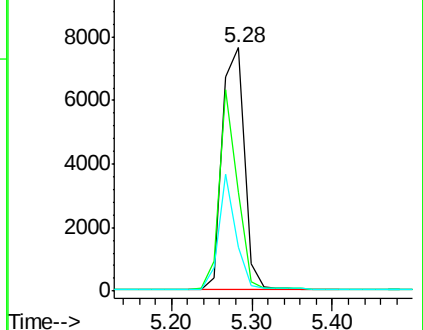
63 37.6 29.7 44.5

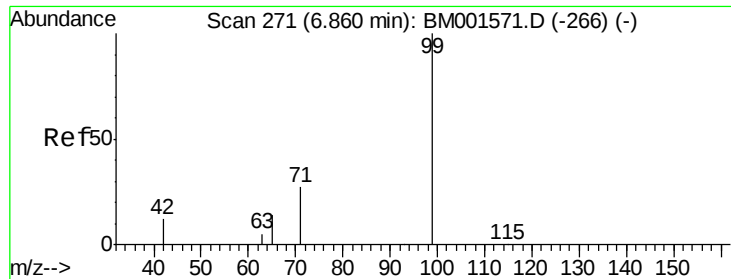


Abundance Ion 112.00 (111.70 to 112.70): BM001571.D (-165) (-)

Ion 64.00 (63.70 to 64.70): BM001571.D (-165) (-)

Ion 63.00 (62.70 to 63.70): BM001571.D (-165) (-)





#5

Phenol-d6

Concen: 2.47 ng

RT: 6.84 min Scan# 270

Delta R.T. -0.00 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

Instrument :

BNA_M

ClientSampleId :

SS043MW007-150601

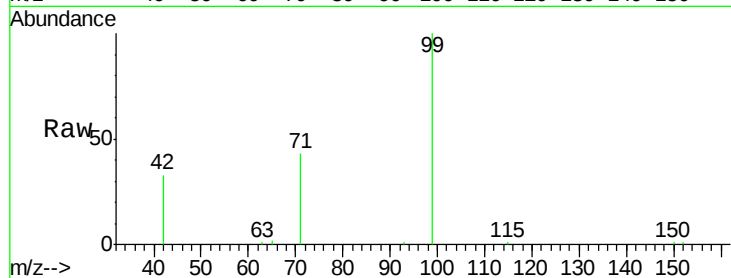
Tgt Ion: 99 Resp: 16734

Ion Ratio Lower Upper

99 100

42 25.8 21.4 32.2

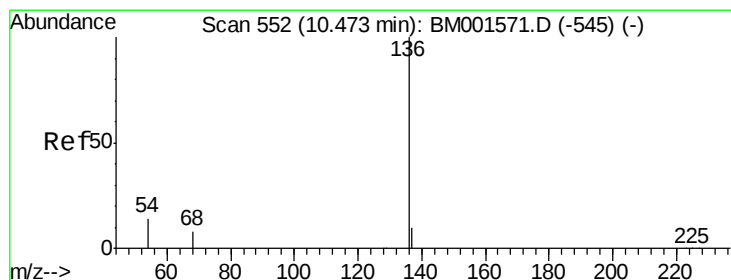
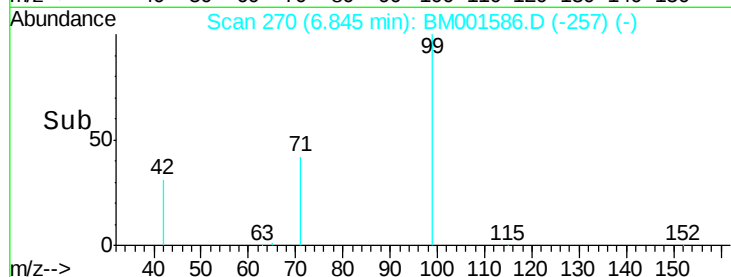
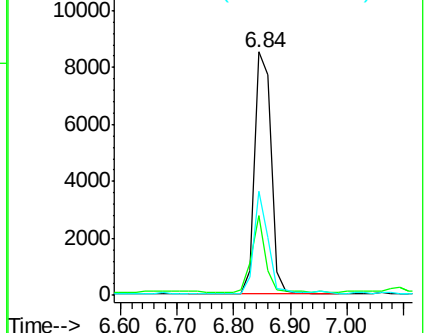
71 36.5 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BM001571.D (-266) (-)

Ion 42.00 (41.70 to 42.70): BM001571.D (-266) (-)

Ion 71.00 (70.70 to 71.70): BM001571.D (-266) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. -0.00 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

Tgt Ion: 136 Resp: 87670

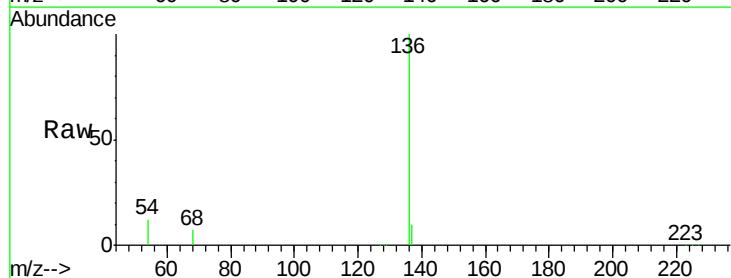
Ion Ratio Lower Upper

136 100

137 10.3 8.1 12.1

54 11.7 11.7 17.5

68 7.1 6.6 9.8

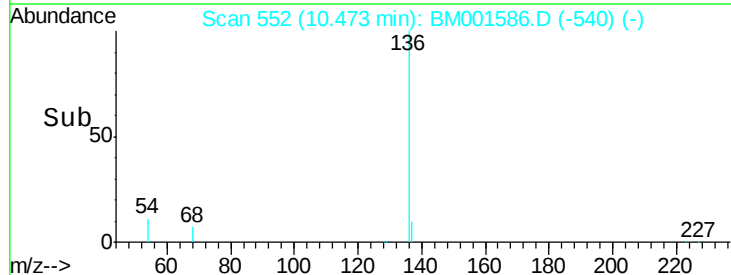
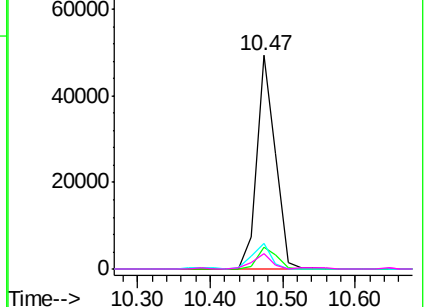


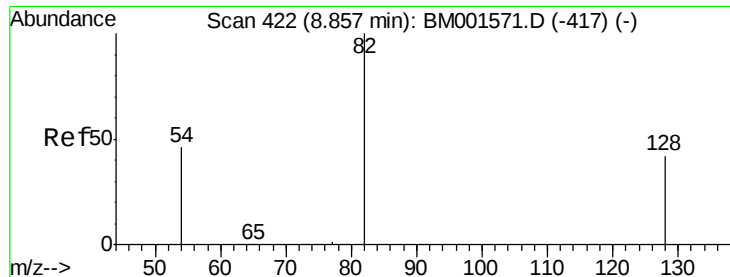
Abundance Ion 136.00 (135.70 to 136.70): BM001571.D (-545) (-)

Ion 137.00 (136.70 to 137.70): BM001571.D (-545) (-)

Ion 54.00 (53.70 to 54.70): BM001571.D (-545) (-)

Ion 68.00 (67.70 to 68.70): BM001571.D (-545) (-)





#7

Nitrobenzene-d5

Concen: 5.38 ng

RT: 8.85 min Scan# 421

Delta R.T. -0.00 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

Instrument :

BNA_M

ClientSampleId :

SS043MW007-150601

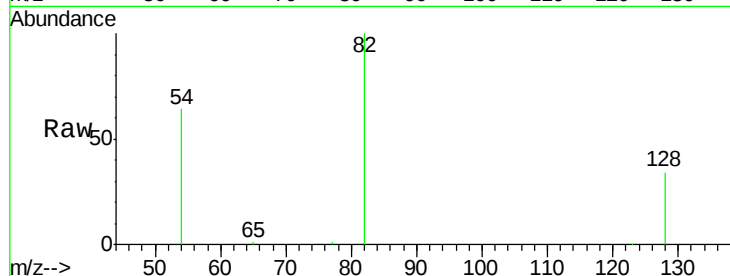
Tgt Ion: 82 Resp: 32120

Ion Ratio Lower Upper

82 100

128 33.6 34.1 51.1#

54 63.8 37.8 56.6#



Abundance Ion 82.00 (81.70 to 82.70): BM001571.D (-417) (-)

Ion 128.00 (127.70 to 128.70): BM001571.D (-417) (-)

Ion 54.00 (53.70 to 54.70): BM001571.D (-417) (-)

8.85

25000

20000

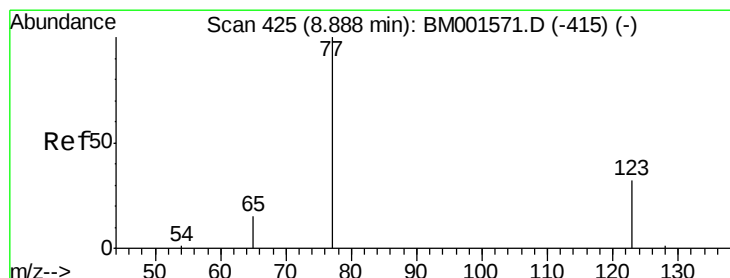
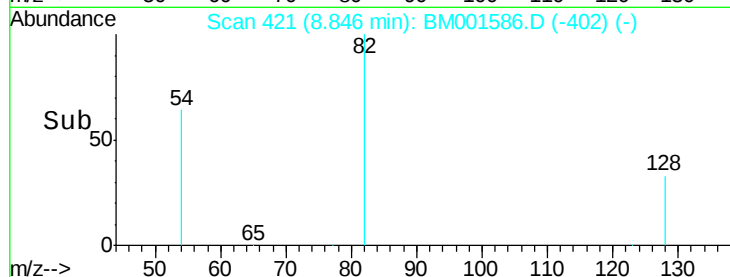
15000

10000

5000

0

Time--> 8.70 8.80 8.90 9.00



#8

Nitrobenzene

Concen: 0.13 ng

RT: 8.89 min Scan# 425

Delta R.T. -0.00 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

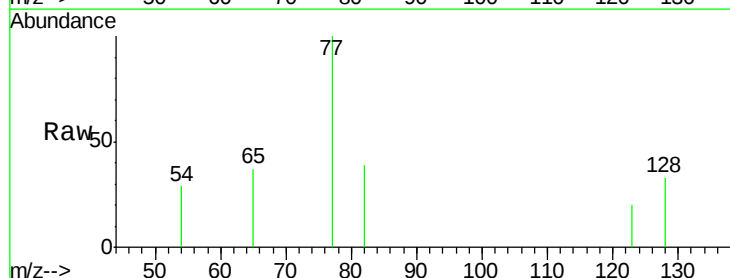
Tgt Ion: 77 Resp: 859

Ion Ratio Lower Upper

77 100

123 8.7 31.7 47.5#

65 0.0 11.4 17.0#



Abundance Ion 77.00 (76.70 to 77.70): BM001571.D (-415) (-)

Ion 123.00 (122.70 to 123.70): BM001571.D (-415) (-)

Ion 65.00 (64.70 to 65.70): BM001571.D (-415) (-)

8.89

800

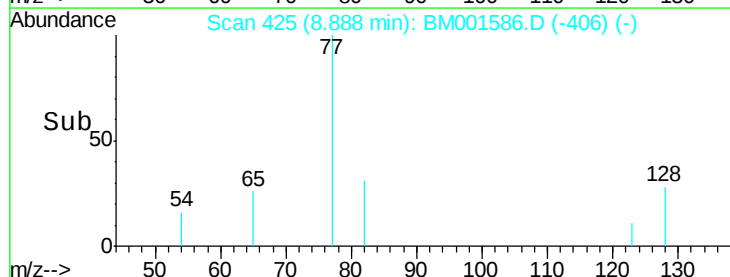
600

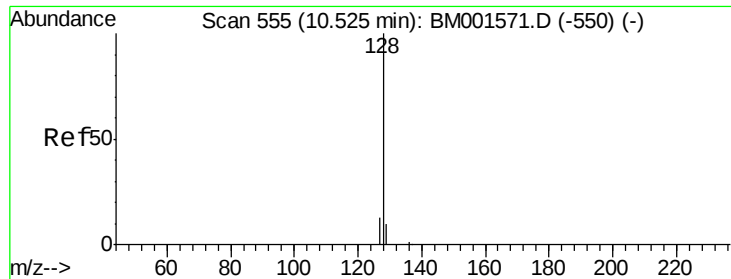
400

200

0

Time--> 8.80 8.85 8.90 8.95





#9

Naphthalene

Concen: 0.07 ng

RT: 10.52 min Scan# 555

Delta R.T. -0.00 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

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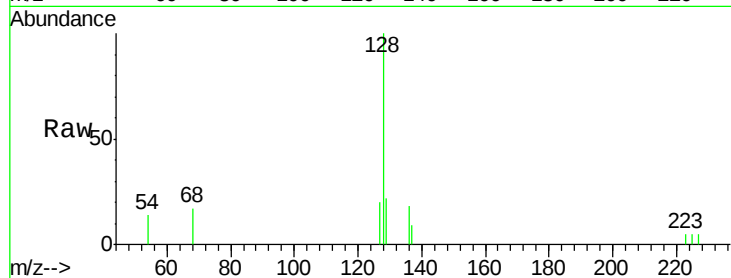
Tgt Ion:128 Resp: 1373

Ion Ratio Lower Upper

128 100

129 21.9 8.7 13.1#

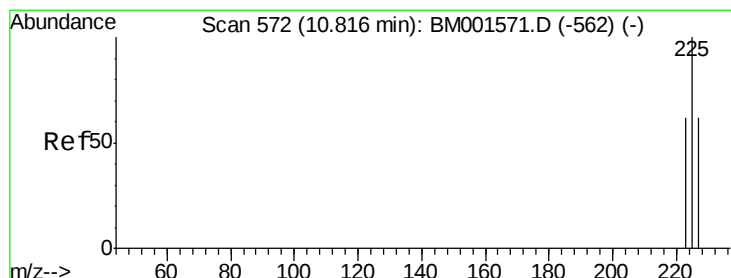
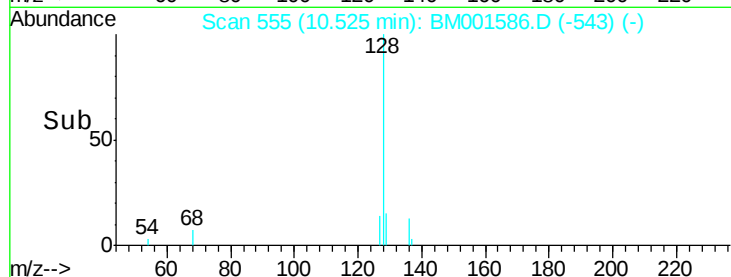
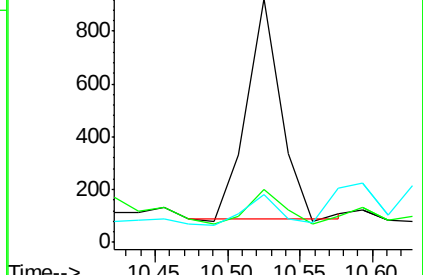
127 19.5 10.7 16.1#



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



#10

Hexachlorobutadiene

Concen: 0.01 ng

RT: 10.82 min Scan# 572

Delta R.T. -0.00 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

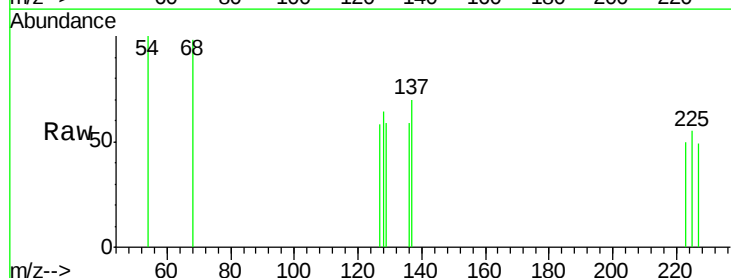
Tgt Ion:225 Resp: 21

Ion Ratio Lower Upper

225 100

223 57.1 50.4 75.6

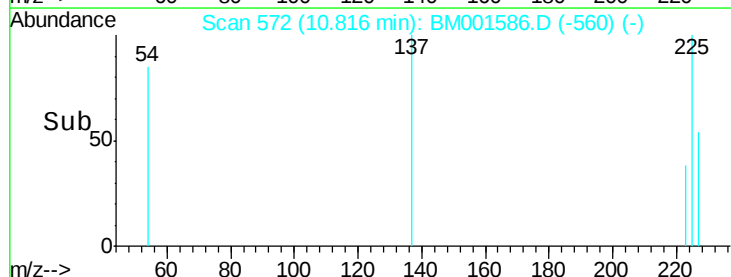
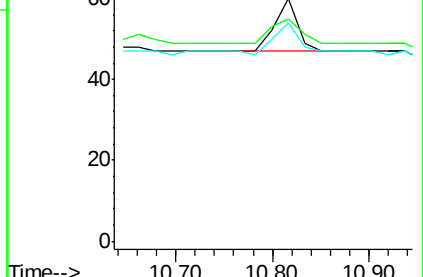
227 90.5 50.8 76.2#

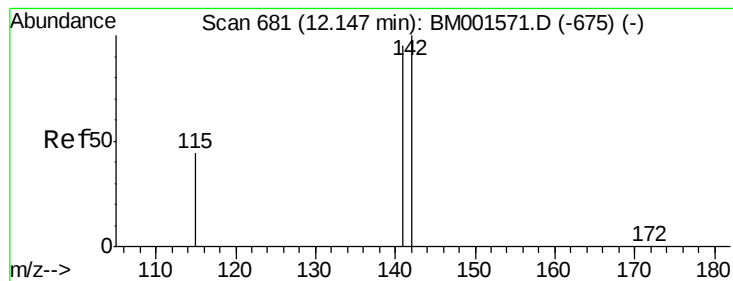


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.27 ng

RT: 12.15 min Scan# 681

Delta R.T. -0.00 min

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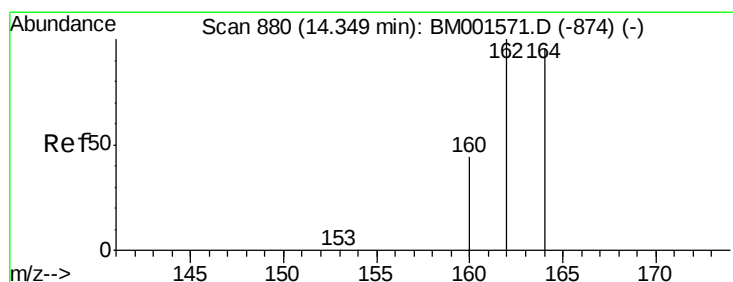
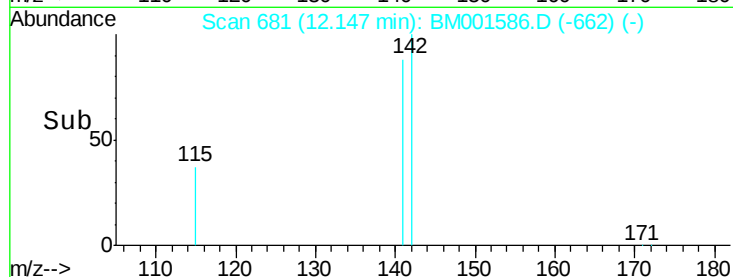
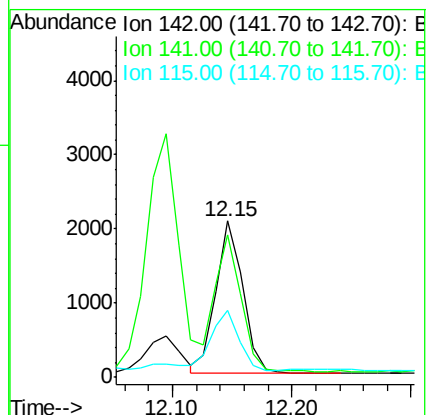
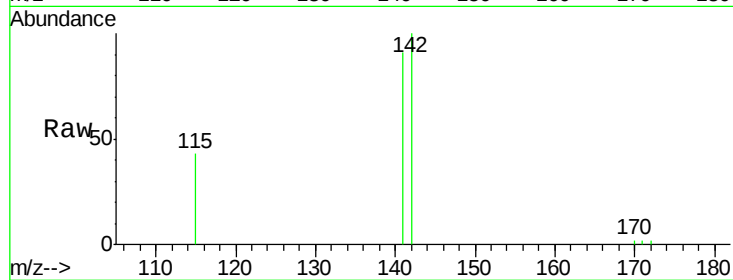
Tgt Ion:142 Resp: 3209

Ion Ratio Lower Upper

142 100

141 90.9 75.6 113.4

115 42.5 35.5 53.3



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.35 min Scan# 880

Delta R.T. -0.00 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

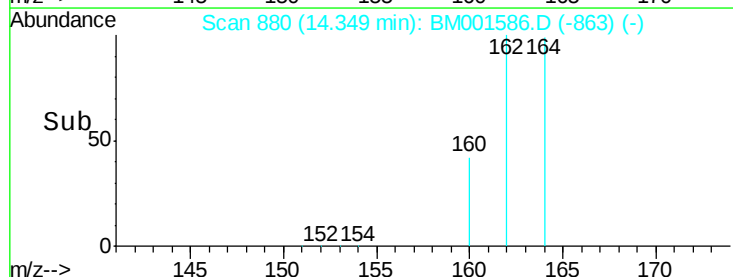
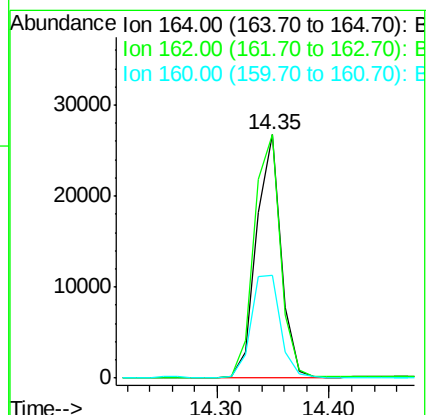
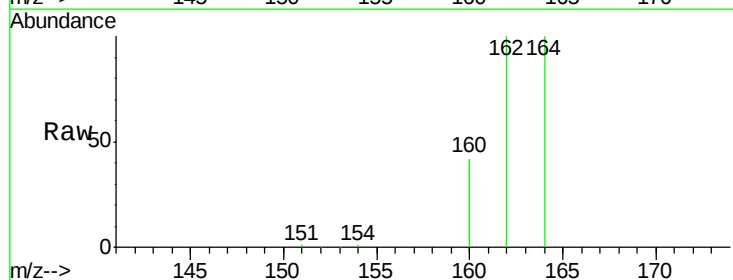
Tgt Ion:164 Resp: 40609

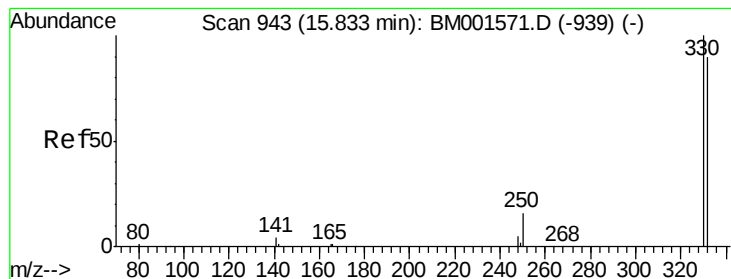
Ion Ratio Lower Upper

164 100

162 100.1 83.8 125.6

160 42.5 37.1 55.7





#13

2,4,6-Tribromophenol

Concen: 13.07 ng

RT: 15.83 min Scan# 943

Delta R.T. -0.00 min

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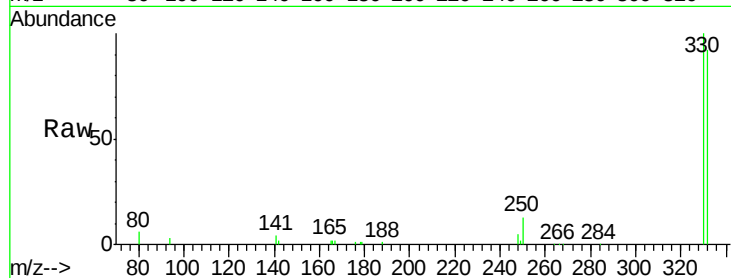
Tgt Ion:330 Resp: 25416

Ion Ratio Lower Upper

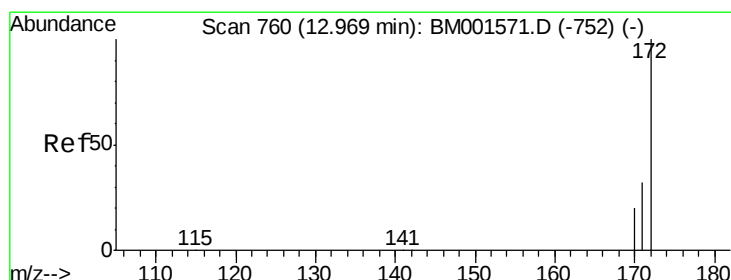
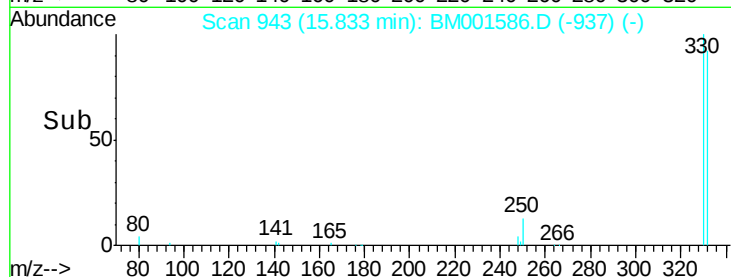
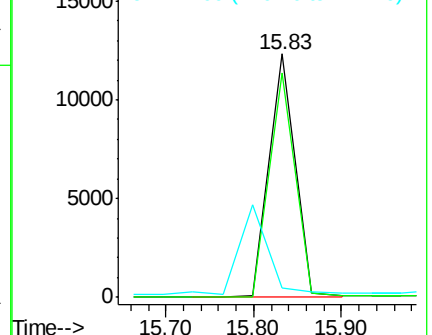
330 100

332 92.2 72.0 108.0

141 0.0 0.0 0.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#14

2-Fluorobiphenyl

Concen: 5.95 ng

RT: 12.96 min Scan# 759

Delta R.T. -0.00 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

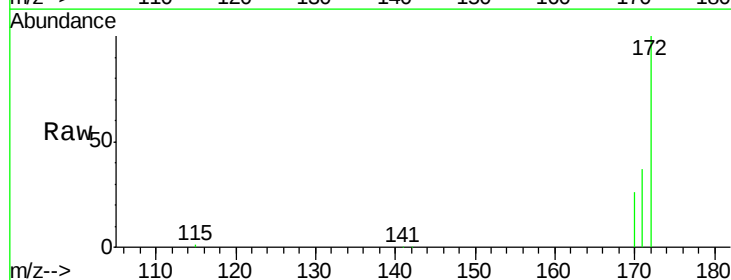
Tgt Ion:172 Resp: 74424

Ion Ratio Lower Upper

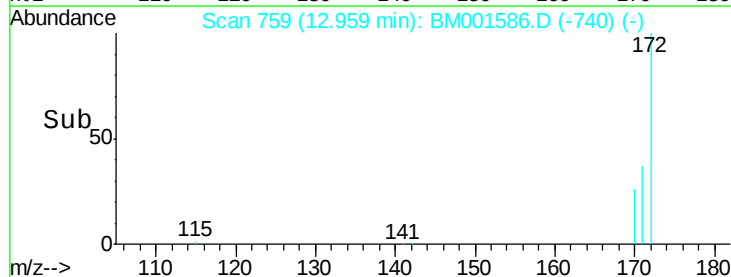
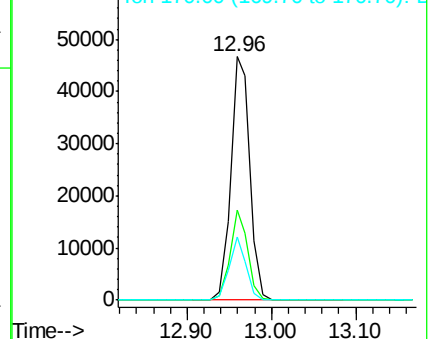
172 100

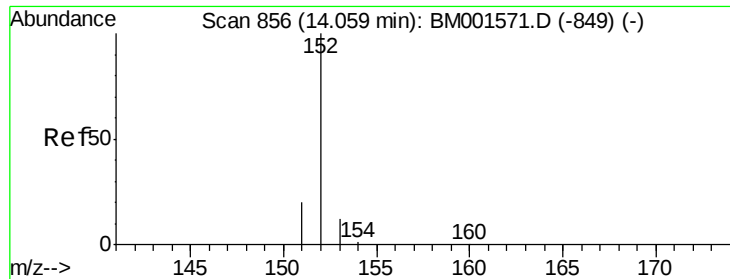
171 36.9 26.2 39.2

170 26.1 16.1 24.1#



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 0.02 ng

RT: 14.06 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

Instrument :

BNA_M

ClientSampleId :

SS043MW007-150601

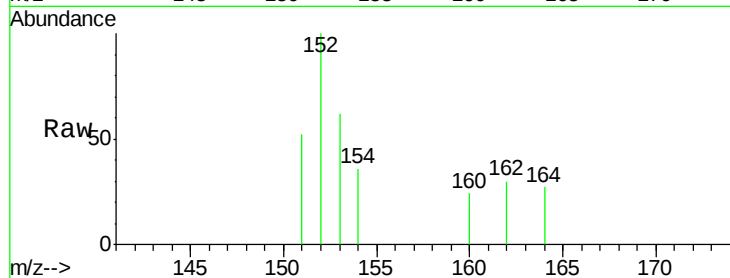
Tgt Ion:152 Resp: 384

Ion Ratio Lower Upper

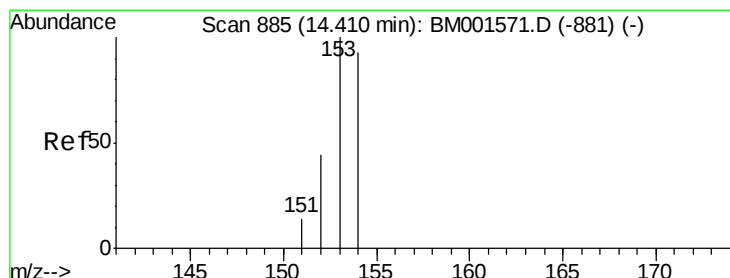
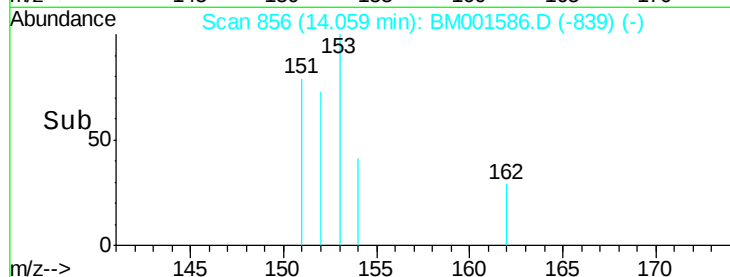
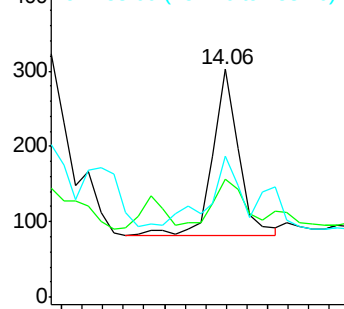
152 100

151 27.9 15.2 22.8#

153 45.6 10.3 15.5#



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



#16

Acenaphthene

Concen: 0.17 ng

RT: 14.41 min Scan# 885

Delta R.T. -0.00 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

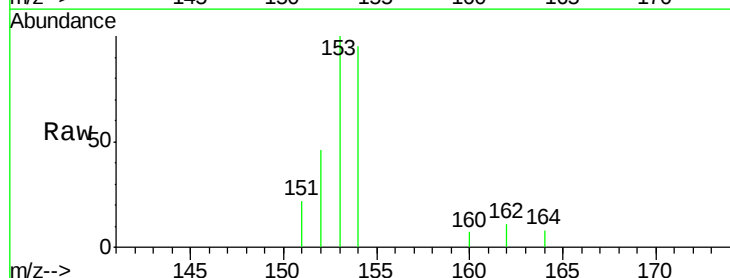
Tgt Ion:154 Resp: 1903

Ion Ratio Lower Upper

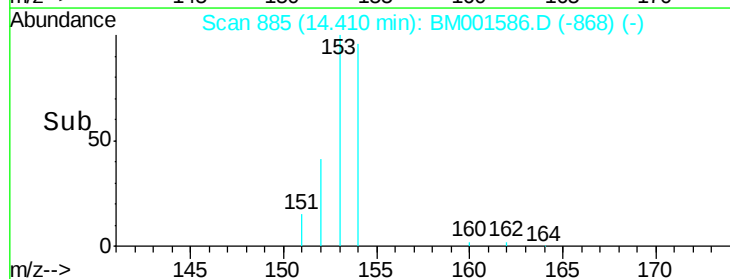
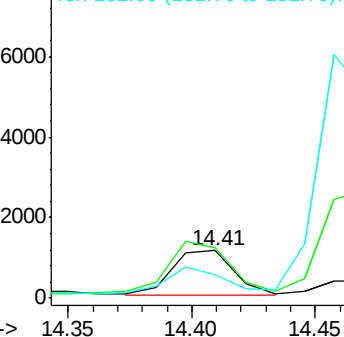
154 100

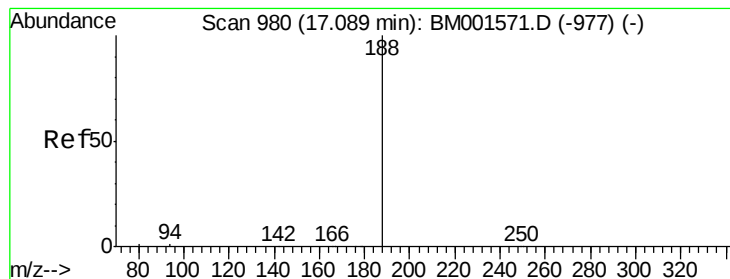
153 123.2 89.1 133.7

152 60.8 43.2 64.8



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

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.09 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

Instrument :

BNA_M

ClientSampleId :

SS043MW007-150601

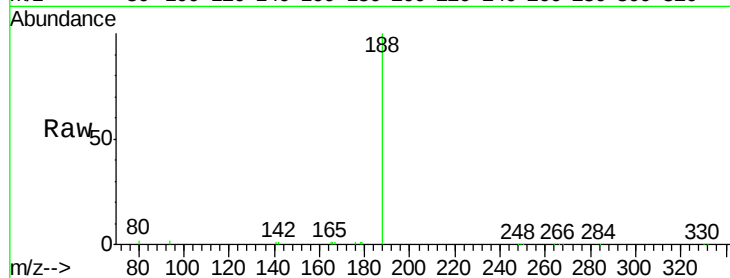
Tgt Ion:188 Resp: 51062

Ion Ratio Lower Upper

188 100

94 1.9 0.7 1.1#

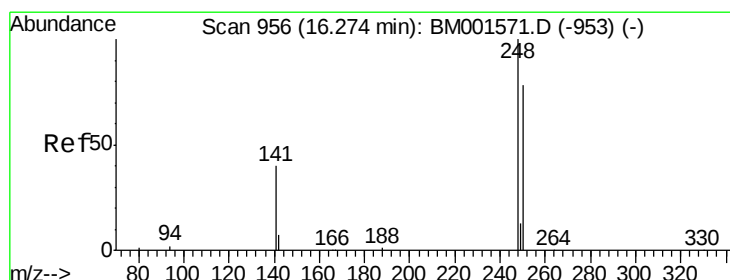
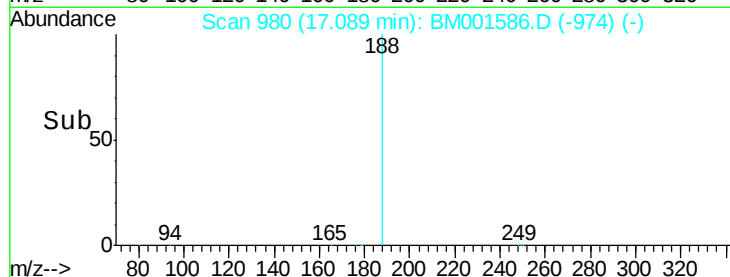
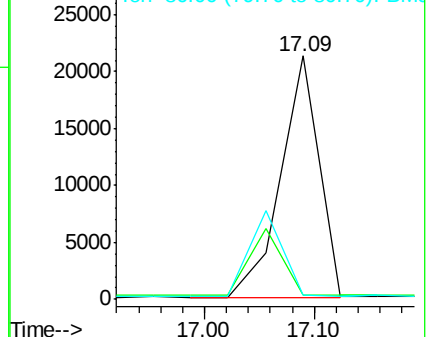
80 1.6 0.6 1.0#



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



#19

4-Bromophenyl-phenylether

Concen: 0.09 ng

RT: 16.27 min Scan# 956

Delta R.T. 0.00 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

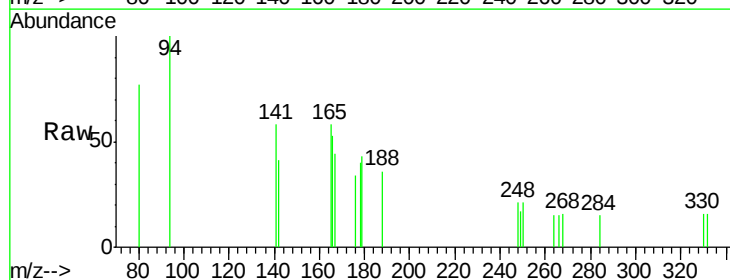
Tgt Ion:248 Resp: 47

Ion Ratio Lower Upper

248 100

250 83.0 63.1 94.7

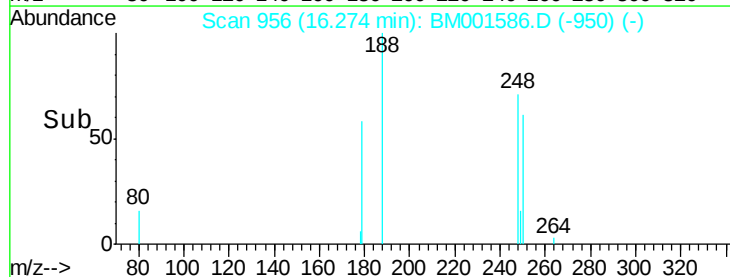
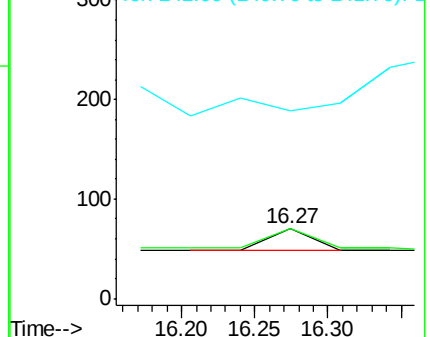
141 0.0 35.0 52.6#

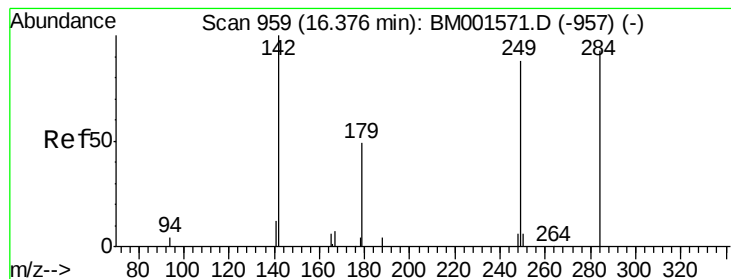


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#20

Hexachlorobenzene

Concen: 0.02 ng

RT: 16.38 min Scan# 959

Delta R.T. 0.00 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

Instrument :

BNA_M

ClientSampleId :

SS043MW007-150601

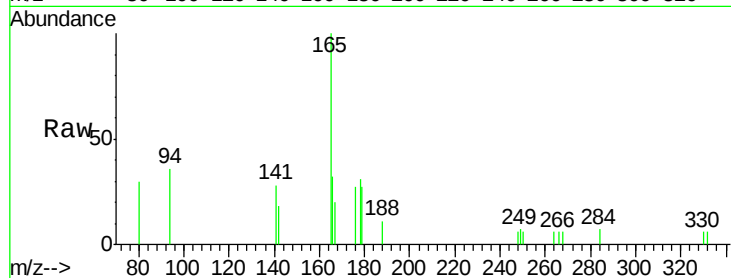
Tgt Ion: 284 Resp: 26

Ion Ratio Lower Upper

284 100

142 392.3 64.2 96.2#

249 100.0 55.4 83.0#

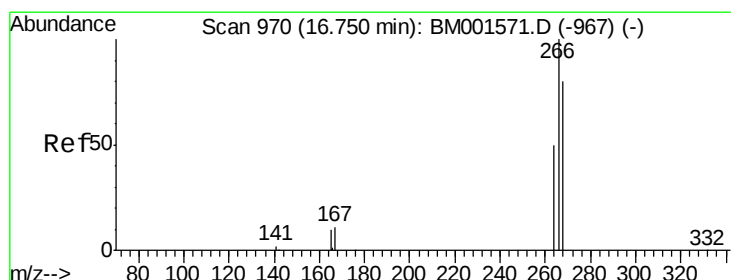
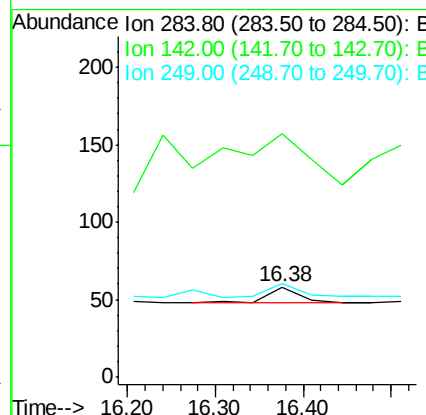
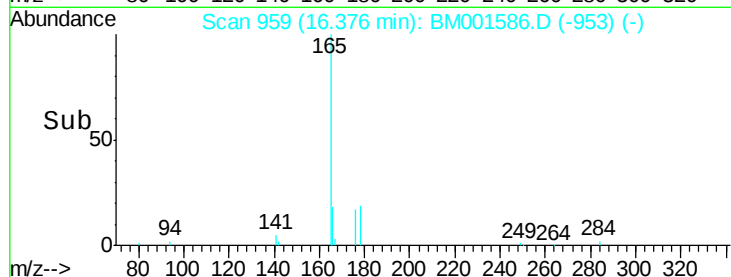


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->



#21

Pentachlorophenol

Concen: 0.64 ng

RT: 16.75 min Scan# 970

Delta R.T. 0.03 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

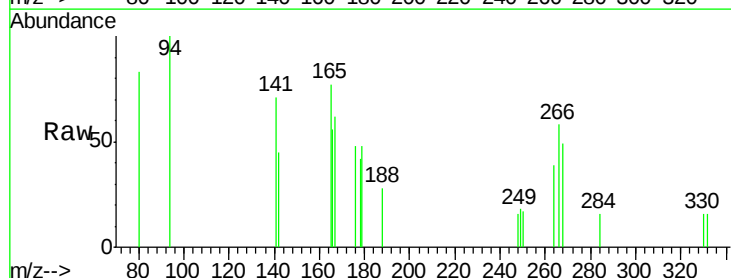
Tgt Ion: 266 Resp: 501

Ion Ratio Lower Upper

266 100

268 84.9 66.3 99.5

264 67.0 45.5 68.3

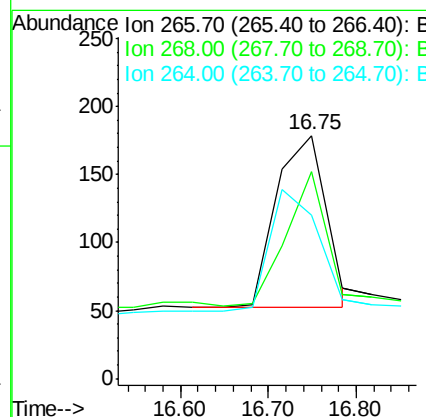
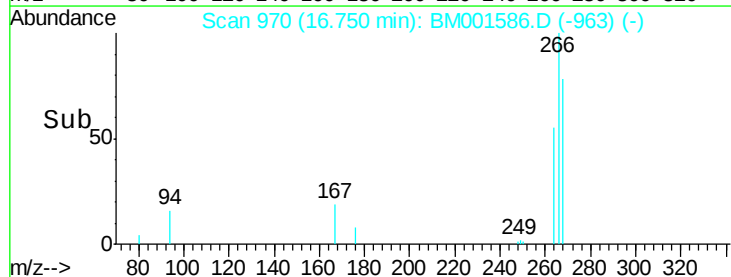


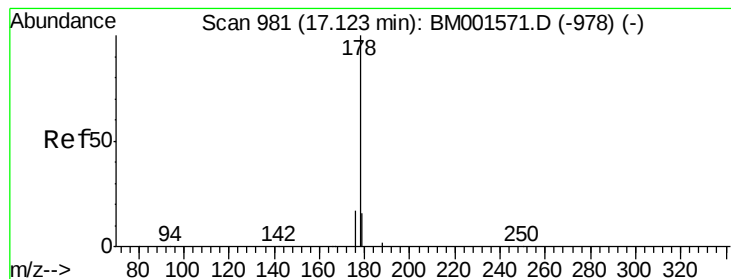
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

Time-->





#22

Phenanthrene

Concen: 0.23 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

Instrument :

BNA_M

ClientSampleId :

SS043MW007-150601

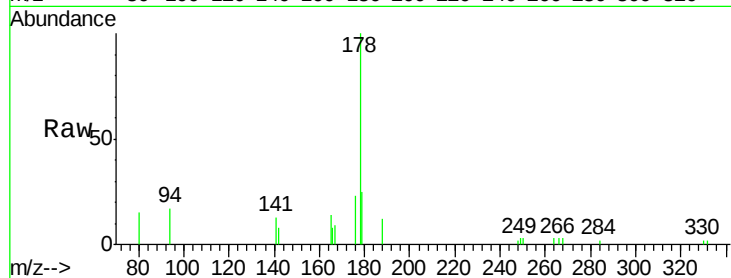
Tgt Ion:178 Resp: 4084

Ion Ratio Lower Upper

178 100

176 20.2 13.5 20.3

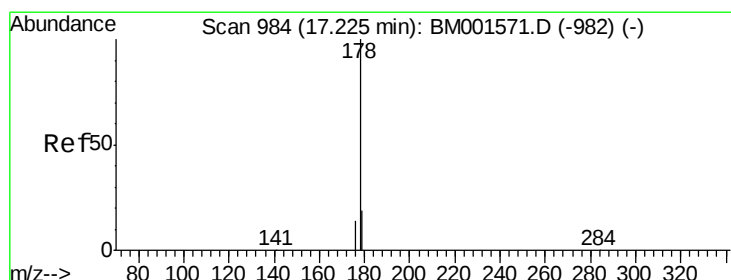
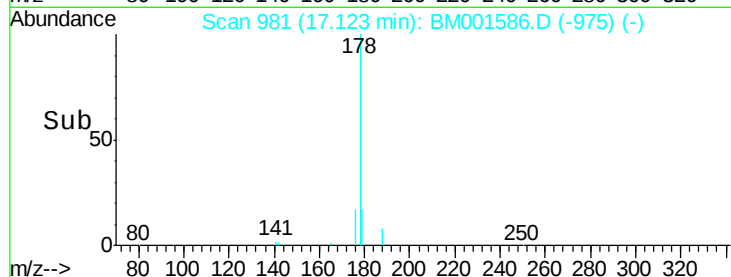
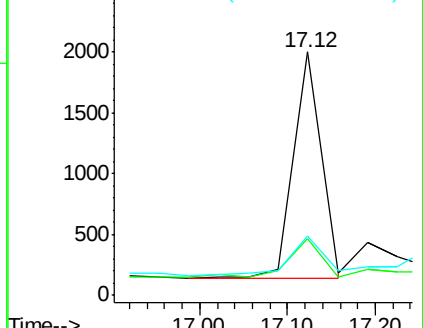
179 21.6 13.3 19.9#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#23

Anthracene

Concen: 0.67 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.07 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

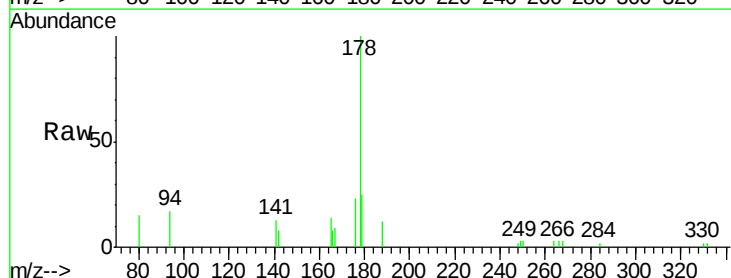
Tgt Ion:178 Resp: 5026

Ion Ratio Lower Upper

178 100

176 20.6 45.9 68.9#

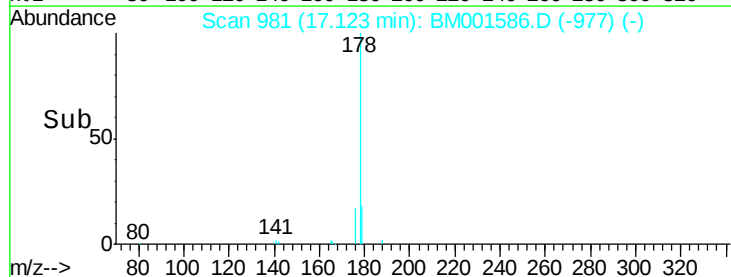
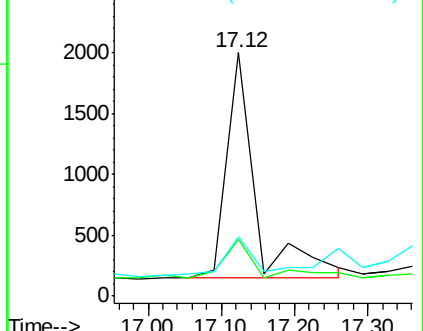
179 19.1 33.3 49.9#

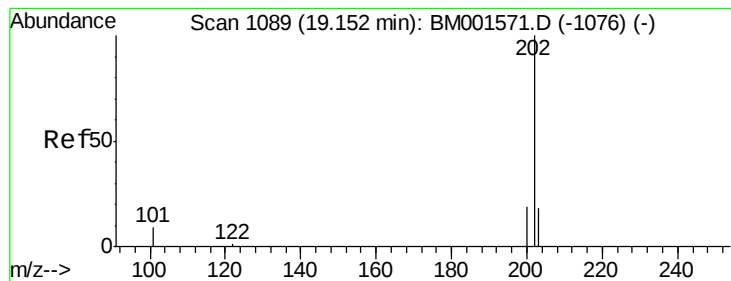


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Fluoranthene

Concen: 0.14 ng

RT: 19.15 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

Instrument :

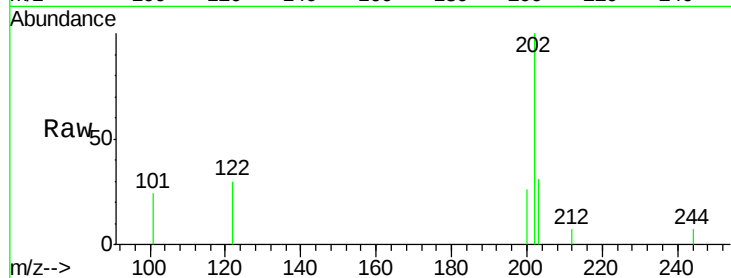
BNA_M

ClientSampleId :

SS043MW007-150601

Tgt Ion: 202 Resp: 1954

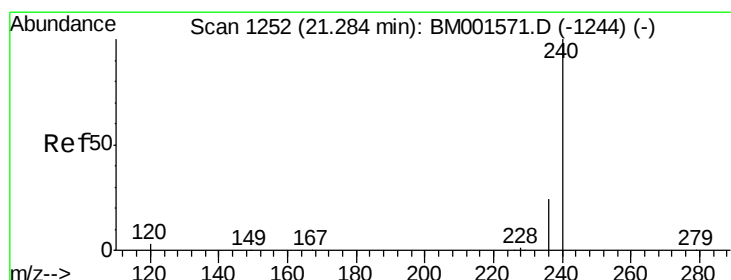
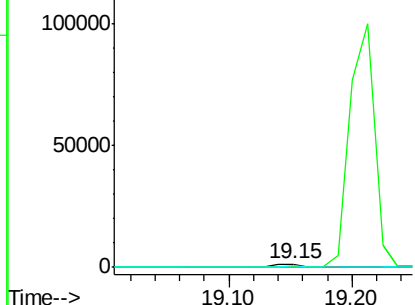
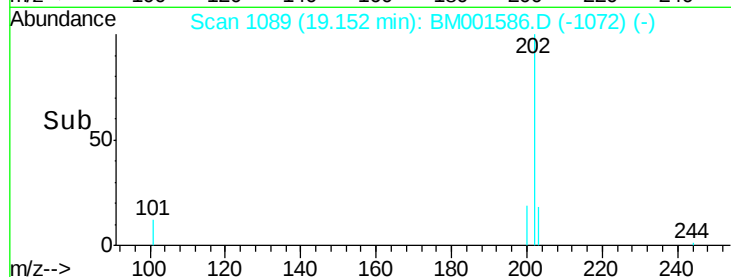
Ion	Ratio	Lower	Upper
202	100		
101	0.0	10.0	15.0#
203	17.0	13.9	20.9



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



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1252

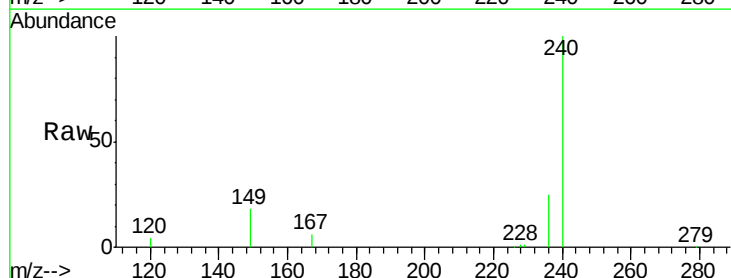
Delta R.T. -0.00 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

Tgt Ion: 240 Resp: 68942

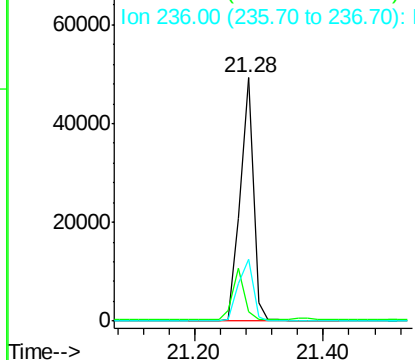
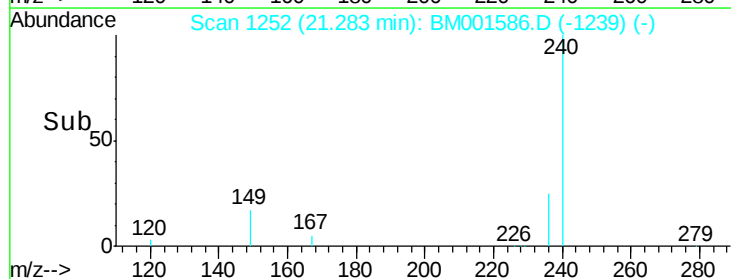
Ion	Ratio	Lower	Upper
240	100		
120	4.0	2.2	3.2#
236	25.3	19.5	29.3

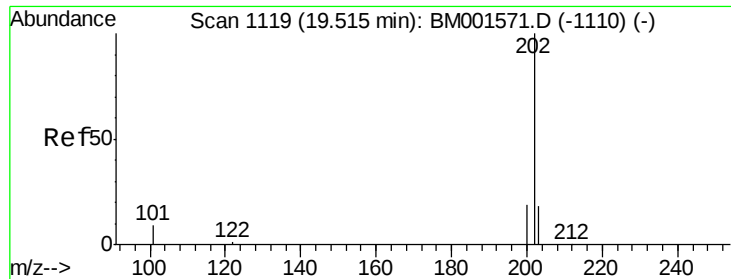


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

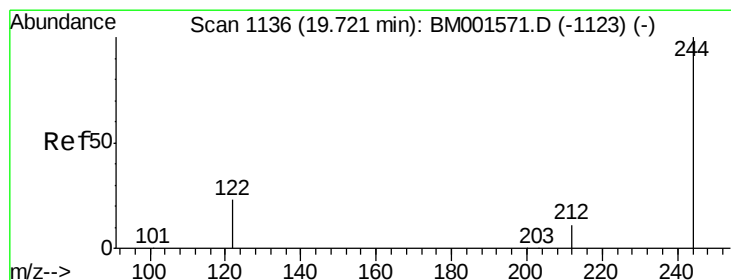
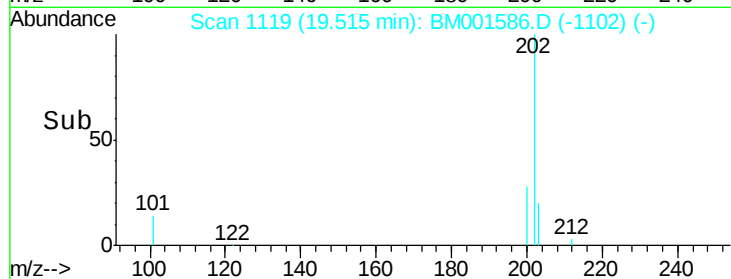
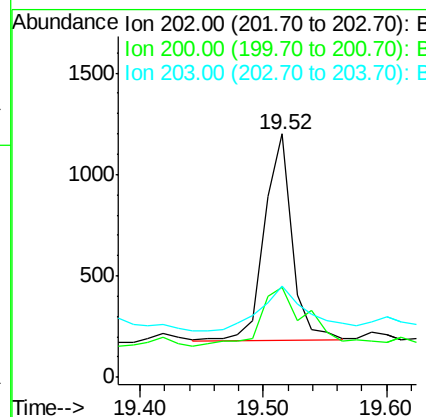
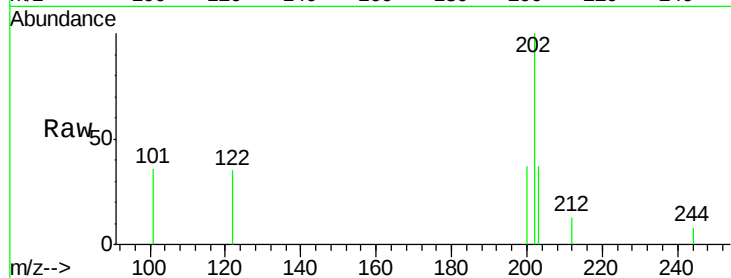




#26
 Pyrene
 Concen: 0.07 ng
 RT: 19.52 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BM001586.D
 Acq: 06 Jun 2015 09:52

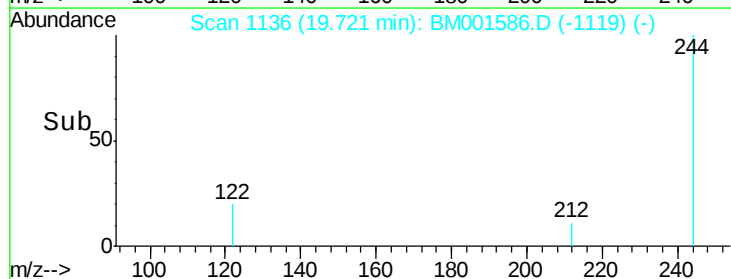
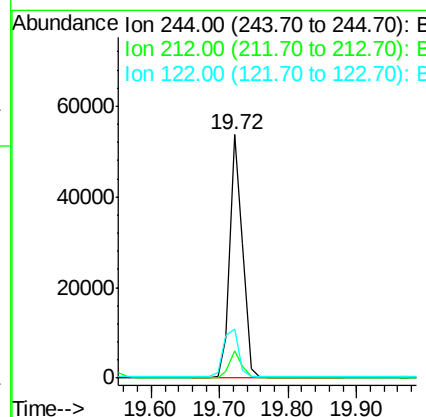
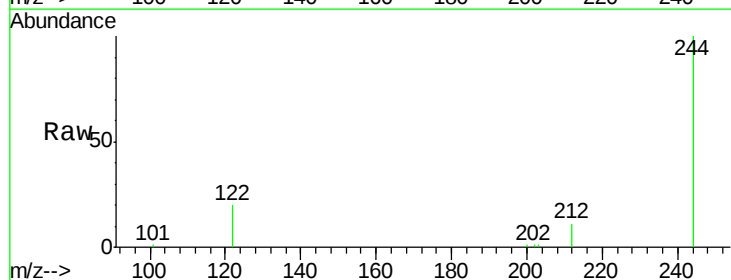
Instrument :
 BNA_M
 ClientSampleId :
 SS043MW007-150601

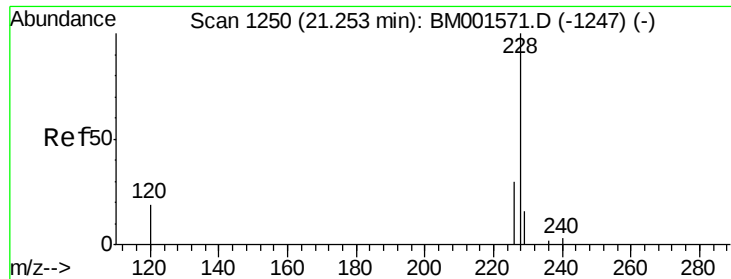
Tgt Ion: 202 Resp: 1609
 Ion Ratio Lower Upper
 202 100
 200 48.1 16.6 24.8#
 203 36.3 13.9 20.9#



#27
 Terphenyl-d14
 Concen: 7.75 ng
 RT: 19.72 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: BM001586.D
 Acq: 06 Jun 2015 09:52

Tgt Ion: 244 Resp: 69006
 Ion Ratio Lower Upper
 244 100
 212 11.4 9.6 14.4
 122 20.4 19.0 28.4





#28

Benzo(a)anthracene

Concen: 0.05 ng

RT: 21.27 min Scan# 1251

Delta R.T. 0.02 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

Instrument :

BNA_M

ClientSampleId :

SS043MW007-150601

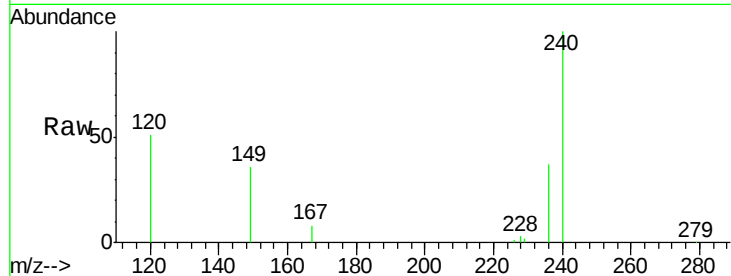
Tgt Ion:228 Resp: 1049

Ion Ratio Lower Upper

228 100

226 39.7 24.8 37.2#

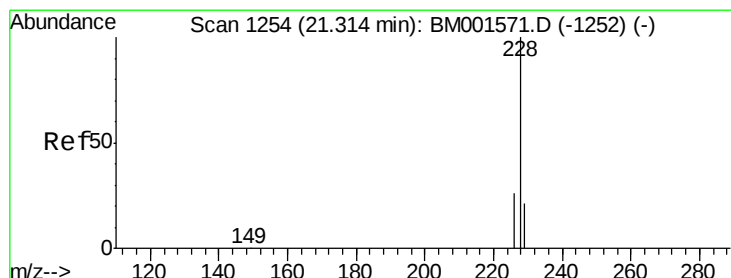
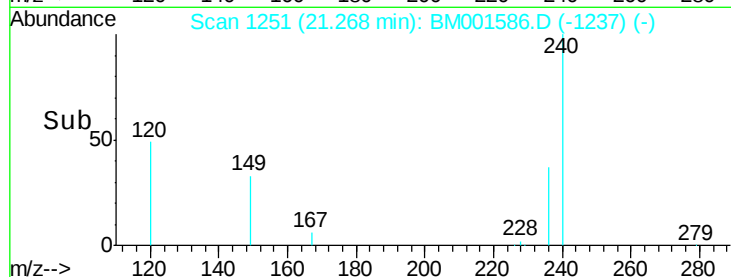
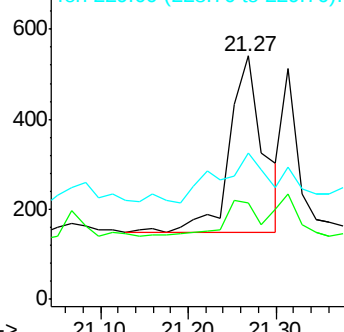
229 59.9 13.4 20.0#



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



#29

Chrysene

Concen: 0.05 ng

RT: 21.27 min Scan# 1251

Delta R.T. -0.05 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

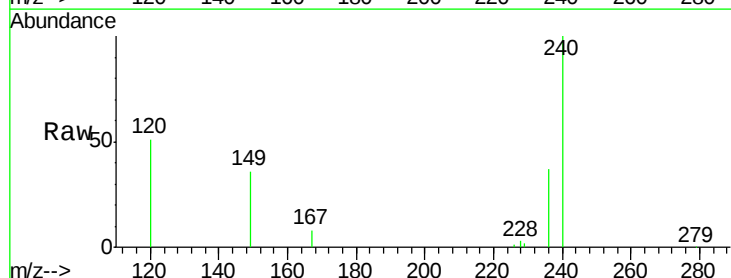
Tgt Ion:228 Resp: 998

Ion Ratio Lower Upper

228 100

226 39.7 21.0 31.6#

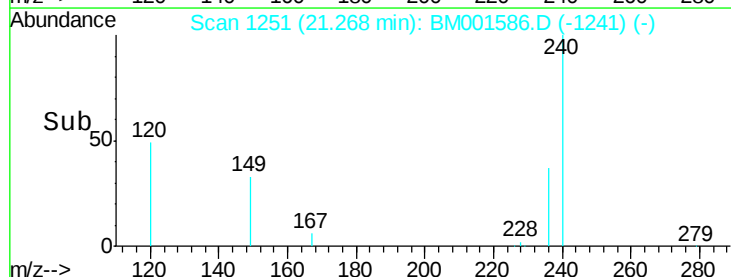
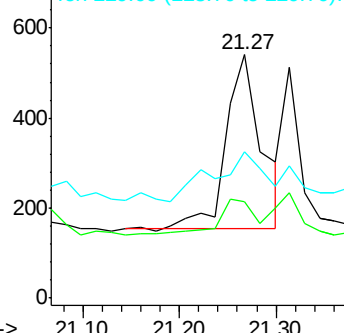
229 59.9 17.2 25.8#

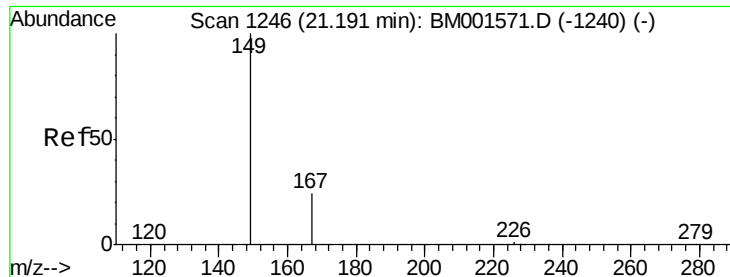


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.73 ng

RT: 21.19 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

Instrument :

BNA_M

ClientSampleId :

SS043MW007-150601

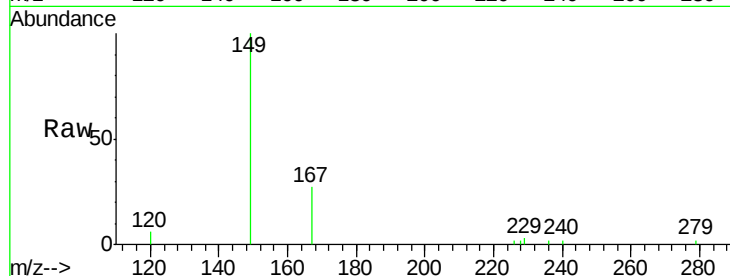
Tgt Ion:149 Resp: 8281

Ion Ratio Lower Upper

149 100

167 26.1 20.2 30.2

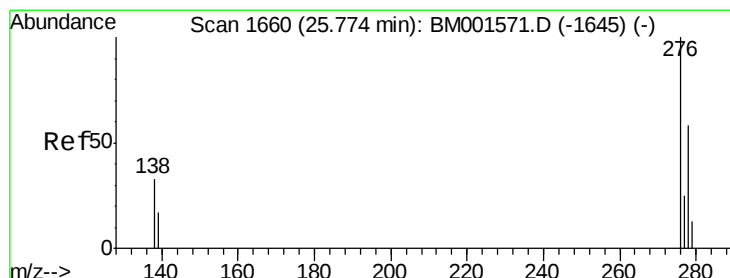
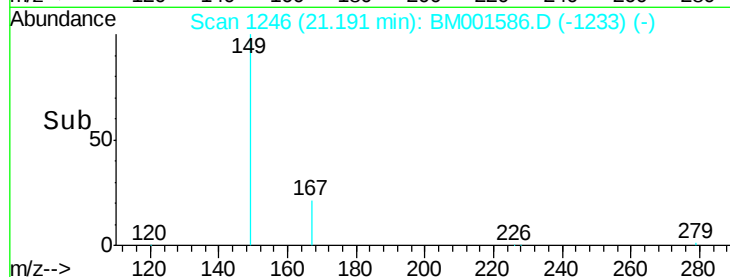
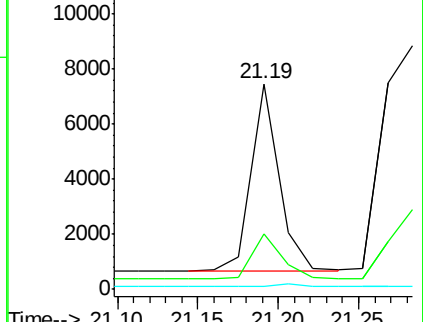
279 2.1 1.8 2.6



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



#31

Indeno(1,2,3-cd)pyrene

Concen: 0.07 ng

RT: 25.77 min Scan# 1660

Delta R.T. 0.01 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

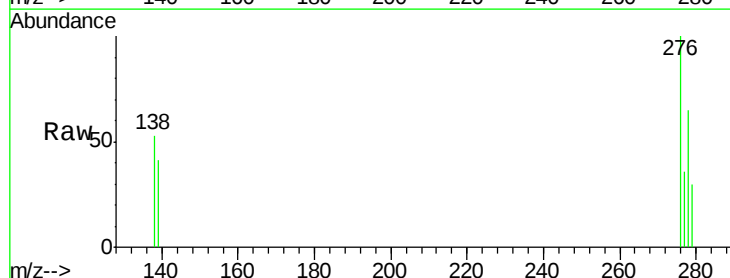
Tgt Ion:276 Resp: 1379

Ion Ratio Lower Upper

276 100

138 36.0 28.0 42.0

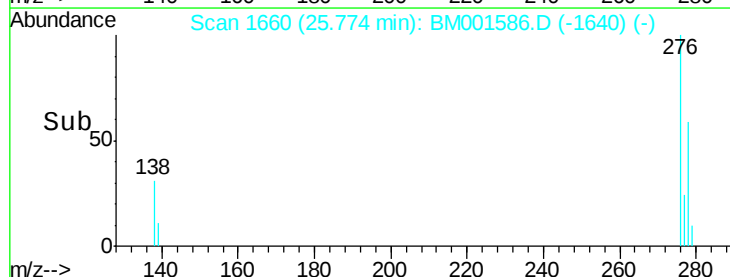
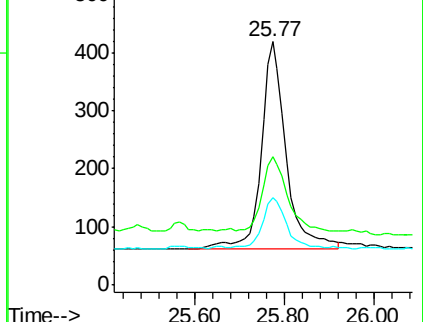
277 23.7 19.7 29.5

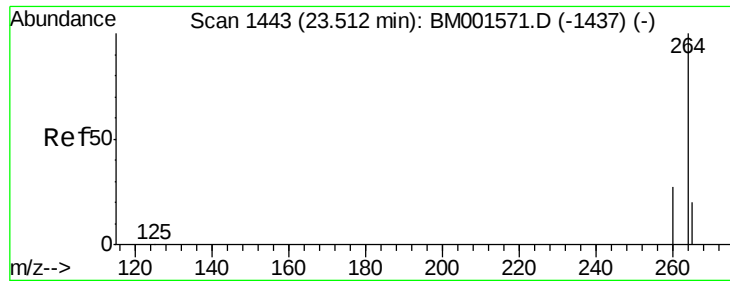


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



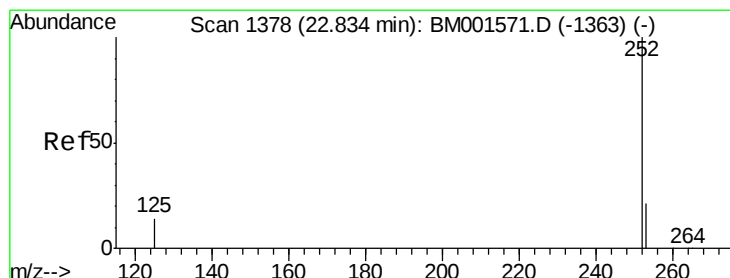
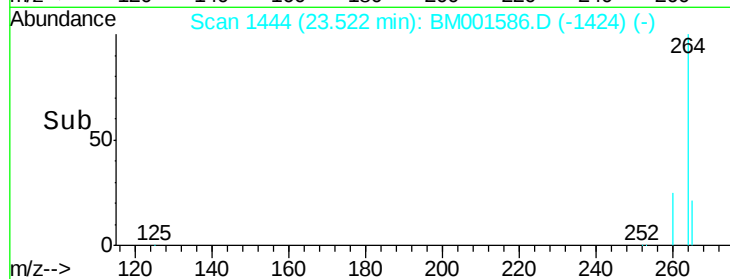
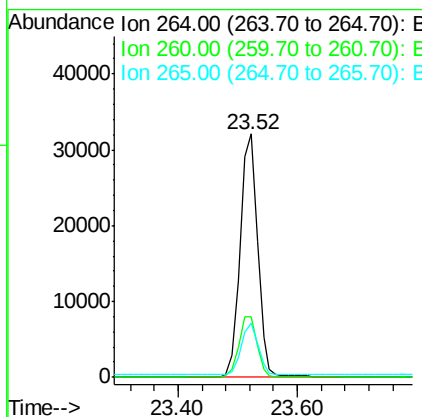
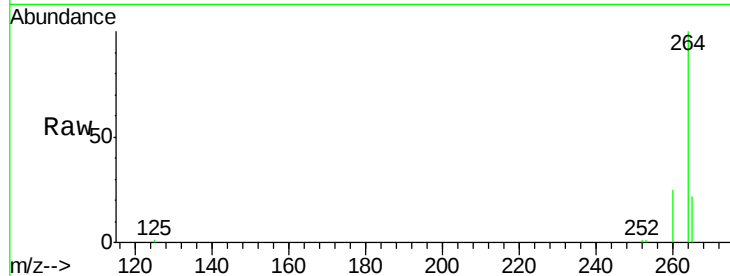


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BM001586.D
Acq: 06 Jun 2015 09:52

Instrument :
BNA_M
ClientSampleId :
SS043MW007-150601

Tgt Ion: 264 Resp: 63607

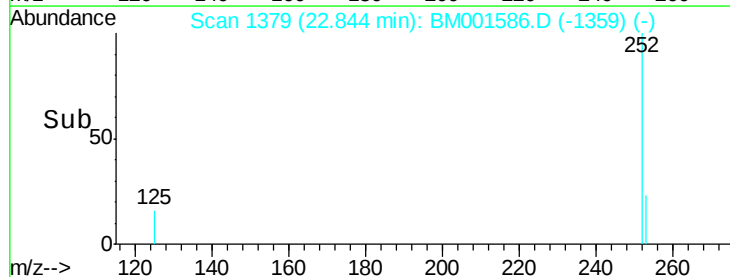
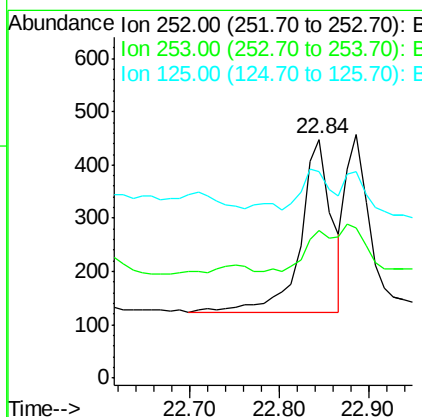
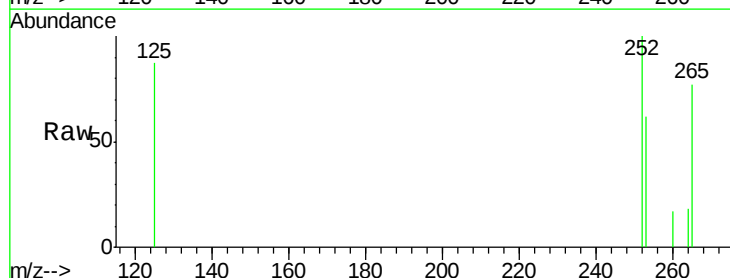
Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.6	32.4
265	22.4	16.5	24.7

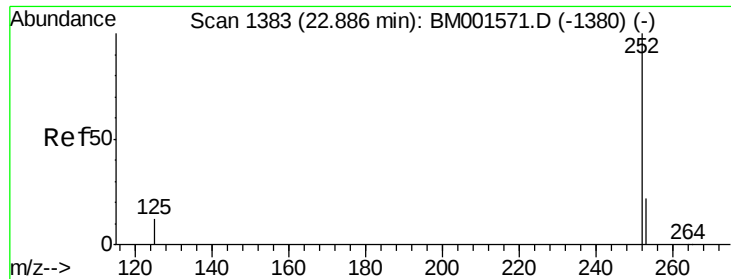


#33
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 22.84 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BM001586.D
Acq: 06 Jun 2015 09:52

Tgt Ion: 252 Resp: 782

Ion	Ratio	Lower	Upper
252	100		
253	61.8	17.4	26.2#
125	86.6	11.8	17.8#





#34

Benzo(k)fluoranthene

Concen: 0.04 ng

RT: 22.89 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

Instrument :

BNA_M

ClientSampleId :

SS043MW007-150601

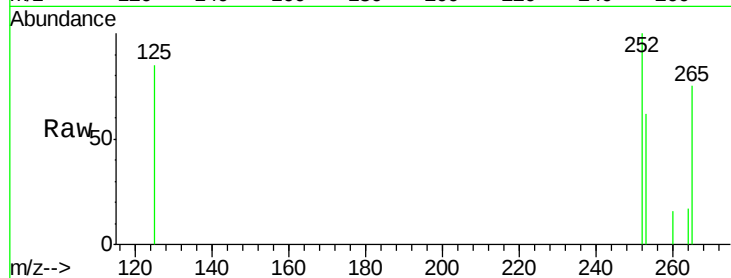
Tgt Ion:252 Resp: 615

Ion Ratio Lower Upper

252 100

253 61.7 18.8 28.2#

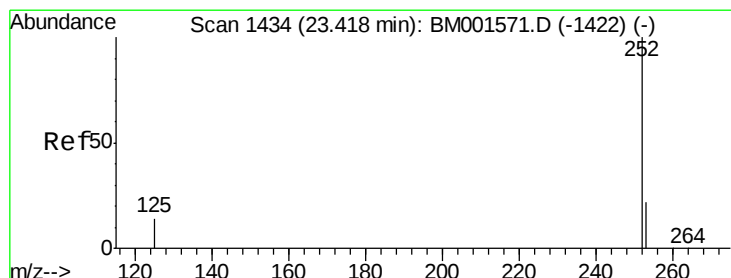
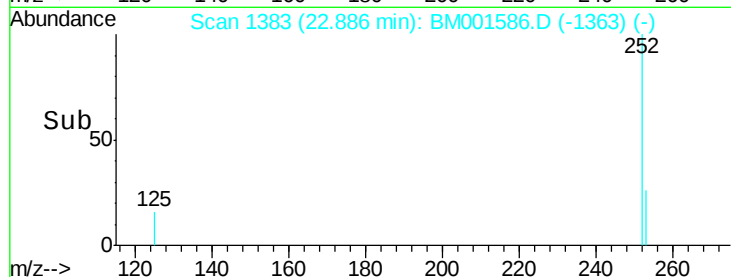
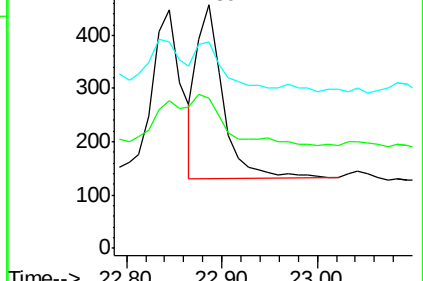
125 84.9 10.7 16.1#



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



#35

Benzo(a)pyrene

Concen: 0.05 ng

RT: 23.42 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

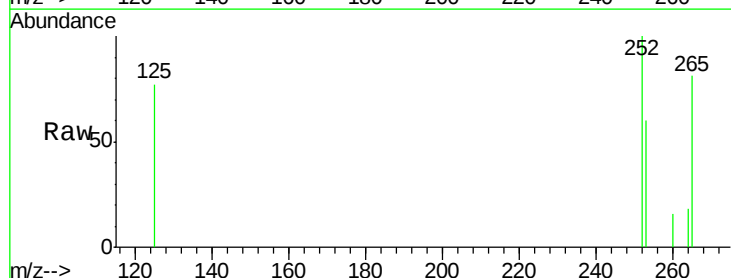
Tgt Ion:252 Resp: 765

Ion Ratio Lower Upper

252 100

253 60.0 18.8 28.2#

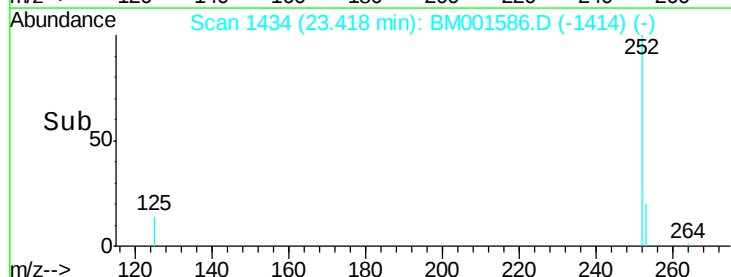
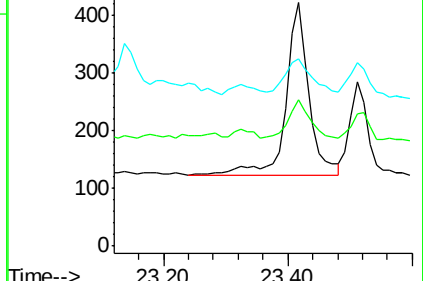
125 76.8 12.1 18.1#

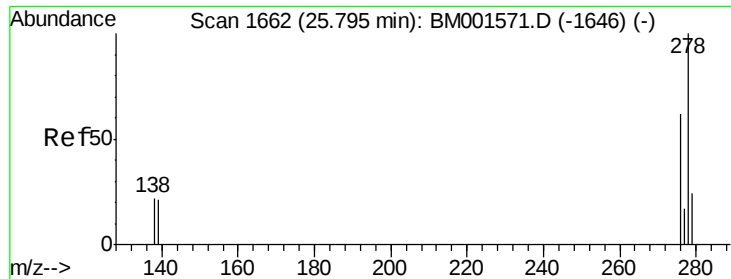


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Dibenzo(a,h)anthracene

Concen: 0.08 ng

RT: 25.79 min Scan# 1662

Delta R.T. 0.01 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

Instrument :

BNA_M

ClientSampleId :

SS043MW007-150601

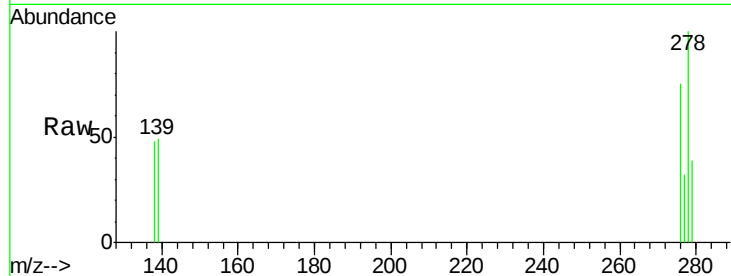
Tgt Ion: 278 Resp: 1229

Ion Ratio Lower Upper

278 100

139 48.6 17.4 26.0#

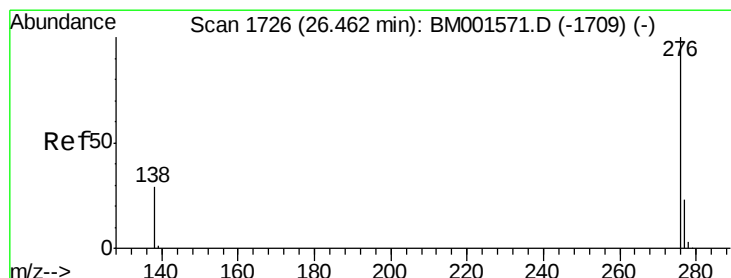
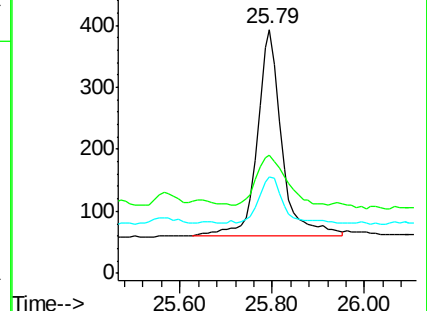
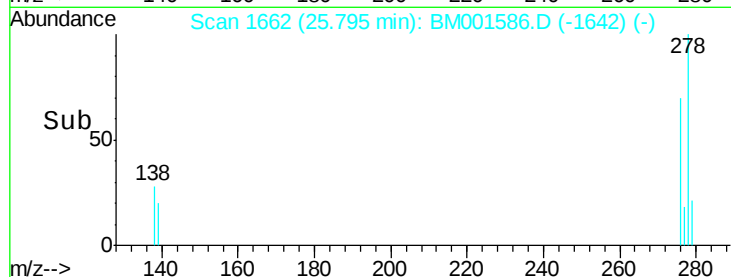
279 39.4 20.0 30.0#



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



#37

Benzo(g,h,i)perylene

Concen: 0.06 ng

RT: 26.46 min Scan# 1726

Delta R.T. -0.00 min

Lab File: BM001586.D

Acq: 06 Jun 2015 09:52

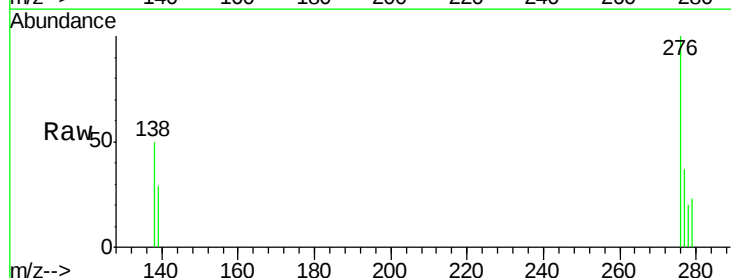
Tgt Ion: 276 Resp: 1080

Ion Ratio Lower Upper

276 100

277 36.8 19.2 28.8#

138 49.6 23.7 35.5#



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

