

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112715\
 Data File : BM003301.D
 Acq On : 27 Nov 2015 11:13
 Operator : UM/IZ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

Quant Time: Nov 27 12:43:14 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM112715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 12:50:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	65587	5.00	ng	-0.02
7) Naphthalene-d8	10.53	136	253471	5.00	ng	-0.01
13) Acenaphthene-d10	14.37	164	109801	5.00	ng	-0.03
19) Phenanthrene-d10	17.11	188	221227	5.00	ng	-0.03
26) Chrysene-d12	21.33	240	152130	5.00	ng	0.00
35) Perylene-d12	23.58	264	143505	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	1402	0.10	ng	-0.03
5) Phenol-d6	6.90	99	1493	0.09	ng	-0.02
8) Nitrobenzene-d5	8.82	82	143	0.01	ng	-0.10
14) 2,4,6-Tribromophenol	15.88	330	173	0.06	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	4090	0.12	ng	-0.02
29) Terphenyl-d14	19.76	244	2392	0.11	ng	-0.02

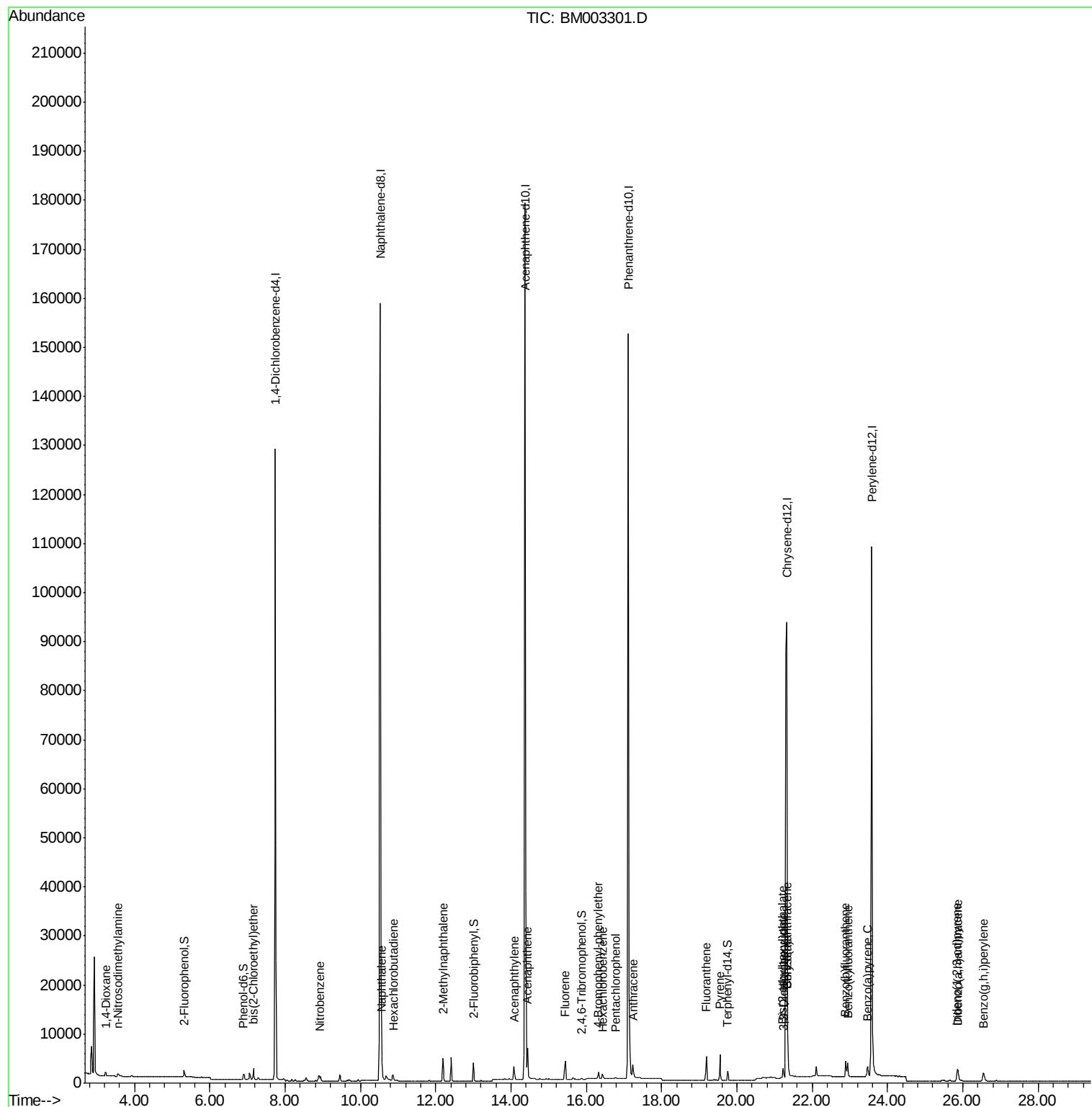
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	877	0.09	ng	# 86
3) n-Nitrosodimethylamine	3.55	42	624	0.10	ng	99
6) bis(2-Chloroethyl)ether	7.16	93	1692	0.11	ng	99
9) Nitrobenzene	8.93	77	1231	0.10	ng	97
10) Naphthalene	10.56	128	6284	0.12	ng	96
11) Hexachlorobutadiene	10.87	225	1405	0.17	ng	# 83
12) 2-Methylnaphthalene	12.19	142	3772	0.11	ng	94
16) Acenaphthylene	14.08	152	3797	0.09	ng	99
17) Acenaphthene	14.44	154	3874	0.13	ng	# 100
18) Fluorene	15.44	166	3297	0.11	ng	95
20) 4-Bromophenyl-phenylether	16.32	248	813	0.10	ng	# 35
21) Hexachlorobenzene	16.45	284	859	0.03	ng	# 51
22) Pentachlorophenol	16.78	266	362	0.28	ng	# 91
24) Anthracene	17.24	178	3963	0.08	ng	97
25) Fluoranthene	19.19	202	5091	0.05	ng	99
27) Benzdine	19.38	184	565	Below Cal		# 41
28) Pyrene	19.55	202	5257	0.12	ng	99
30) Benzo(a)anthracene	21.35	228	10124	0.29	ng	# 86
31) 3,3'-Dichlorobenzidine	21.25	252	699	0.26	ng	# 95
32) Chrysene	21.35	228	10181	0.12	ng	99
33) Bis(2-ethylhexyl)phthalate	21.23	149	2063	0.35	ng	# 100
34) Indeno(1,2,3-cd)pyrene	25.85	276	3601	0.15	ng	# 82
36) Benzo(b)fluoranthene	22.89	252	4606	0.07	ng	# 85
37) Benzo(k)fluoranthene	22.95	252	3513	0.05	ng	# 81
38) Benzo(a)pyrene	23.48	252	3208	0.09	ng	# 76
39) Dibenzo(a,h)anthracene	25.88	278	2509	0.07	ng	# 78
40) Benzo(g,h,i)perylene	26.55	276	3621	0.09	ng	# 87

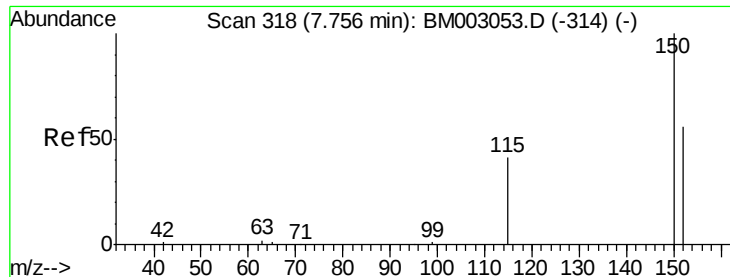
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.74 min Scan# 317

Delta R.T. -0.02 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

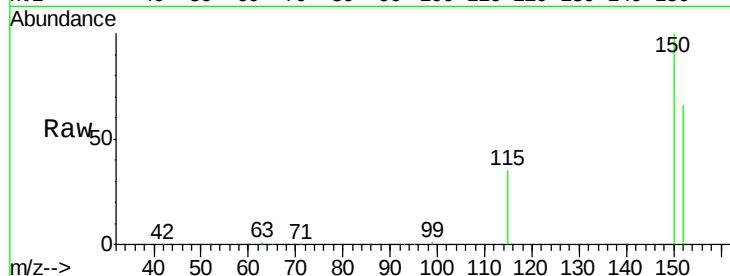
Tgt Ion:152 Resp: 65587

Ion Ratio Lower Upper

152 100

150 151.8 143.6 215.4

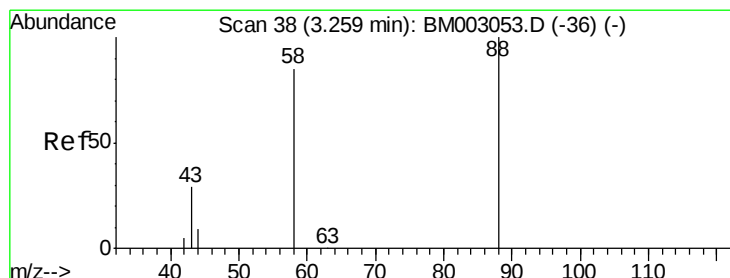
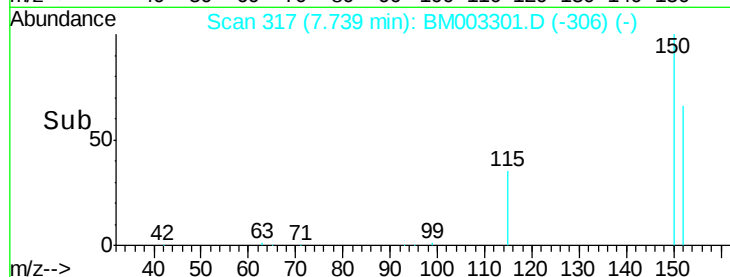
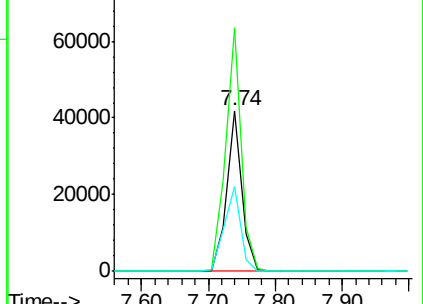
115 53.3 58.5 87.7#



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: 0.09 ng

RT: 3.24 min Scan# 37

Delta R.T. -0.02 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

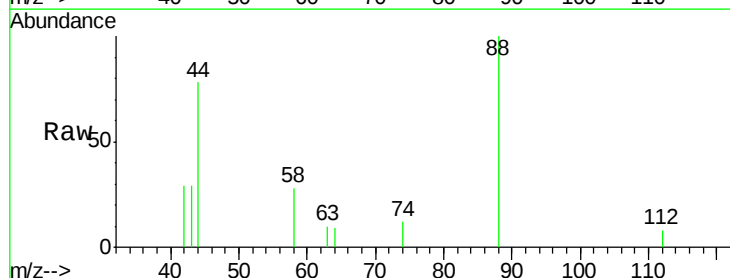
Tgt Ion: 88 Resp: 877

Ion Ratio Lower Upper

88 100

58 54.5 55.2 82.8#

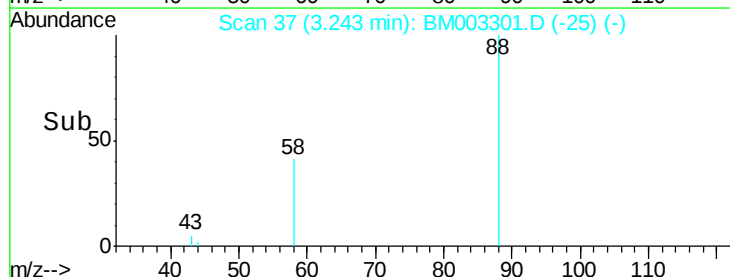
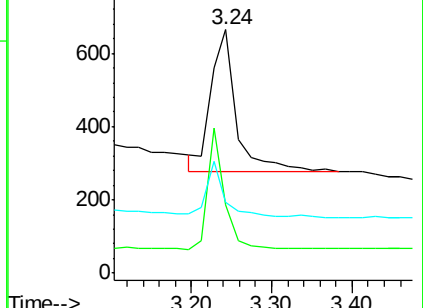
43 30.1 21.8 32.6

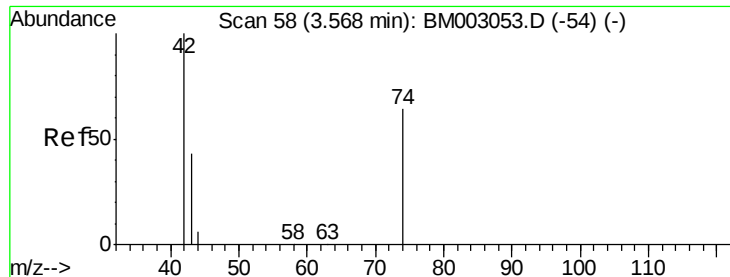


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.10 ng

RT: 3.55 min Scan# 57

Delta R.T. -0.02 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.1

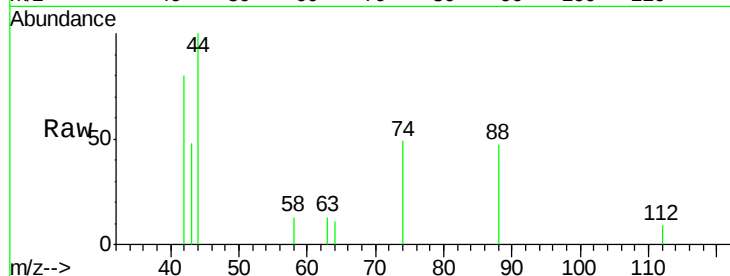
Tgt Ion: 42 Resp: 624

Ion Ratio Lower Upper

42 100

74 127.6 101.0 151.4

44 7.4 6.3 9.5



Abundance Ion 42.00 (41.70 to 42.70): BM003301.D (-54) (-)

Ion 74.00 (73.70 to 74.70): BM003301.D (-54) (-)

Ion 44.00 (43.70 to 44.70): BM003301.D (-54) (-)

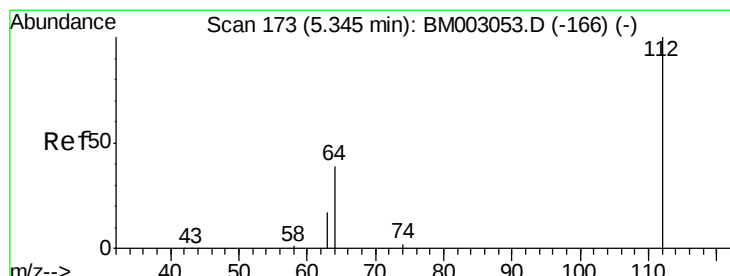
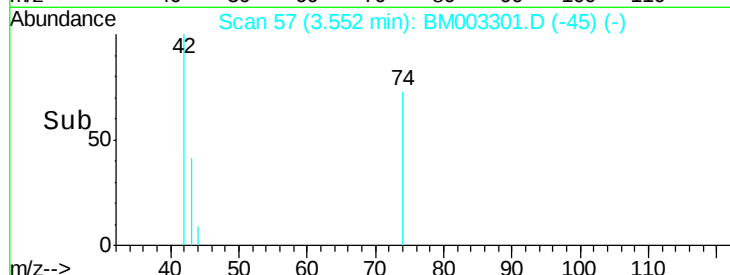
3.55

400

200

0

Time-->



#4

2-Fluorophenol

Concen: 0.10 ng

RT: 5.31 min Scan# 171

Delta R.T. -0.03 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

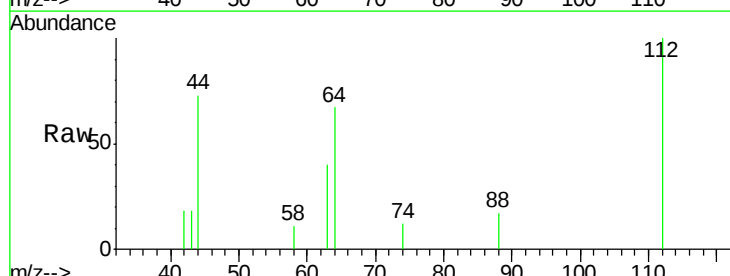
Tgt Ion: 112 Resp: 1402

Ion Ratio Lower Upper

112 100

64 51.5 41.2 61.8

63 27.4 21.2 31.8



Abundance Ion 112.00 (111.70 to 112.70): BM003301.D (-166) (-)

Ion 64.00 (63.70 to 64.70): BM003301.D (-166) (-)

Ion 63.00 (62.70 to 63.70): BM003301.D (-166) (-)

5.31

1000

800

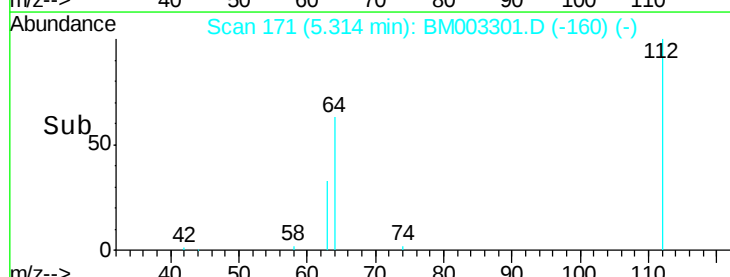
600

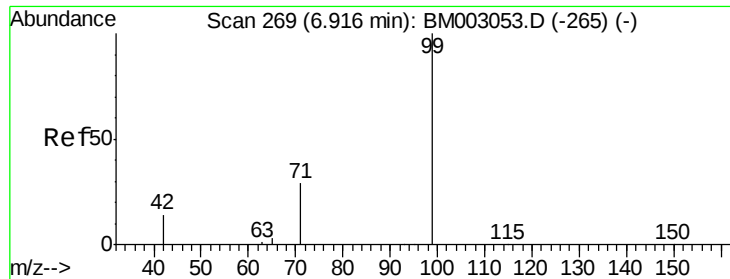
400

200

0

Time-->





#5

Phenol-d6

Concen: 0.09 ng

RT: 6.90 min Scan# 268

Delta R.T. -0.02 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

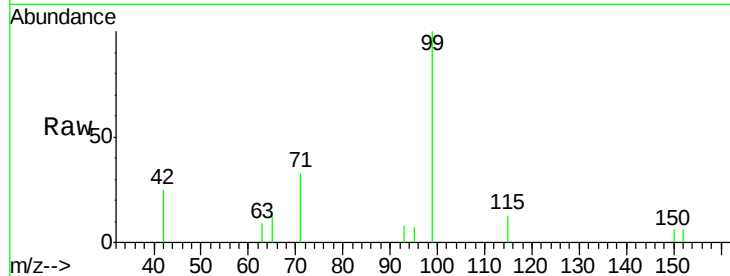
Tgt Ion: 99 Resp: 1493

Ion Ratio Lower Upper

99 100

42 17.7 14.6 22.0

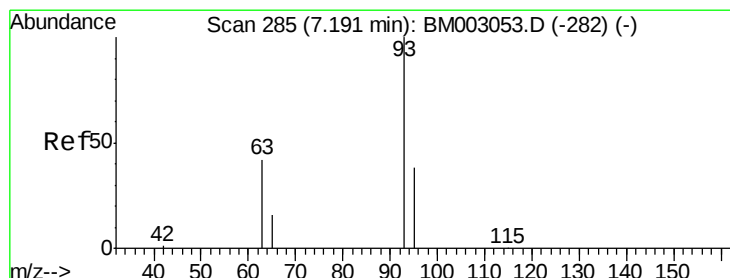
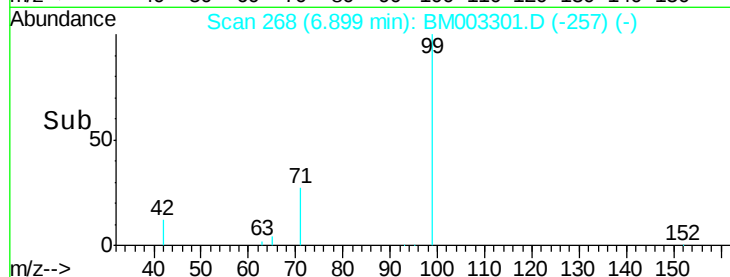
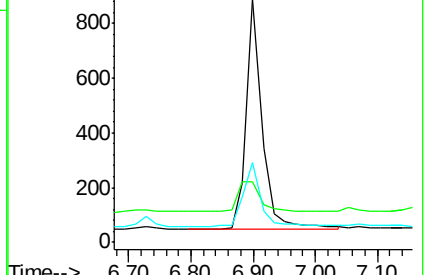
71 31.2 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003301.D (-268) (-)

Ion 42.00 (41.70 to 42.70): BM003301.D (-268) (-)

Ion 71.00 (70.70 to 71.70): BM003301.D (-268) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.11 ng

RT: 7.16 min Scan# 283

Delta R.T. -0.03 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

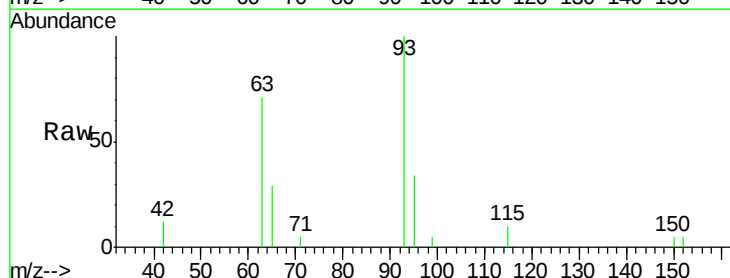
Tgt Ion: 93 Resp: 1692

Ion Ratio Lower Upper

93 100

63 71.6 58.2 87.4

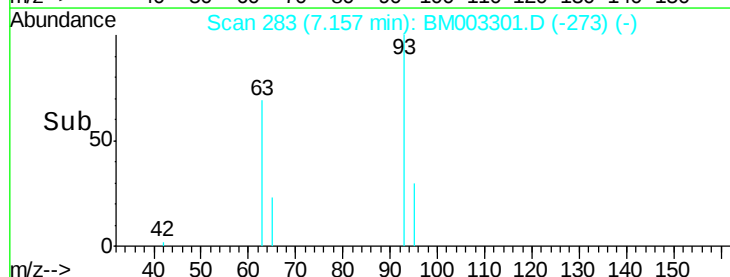
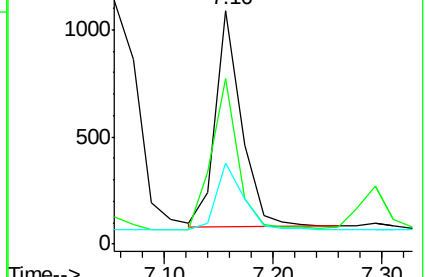
95 32.0 26.2 39.4

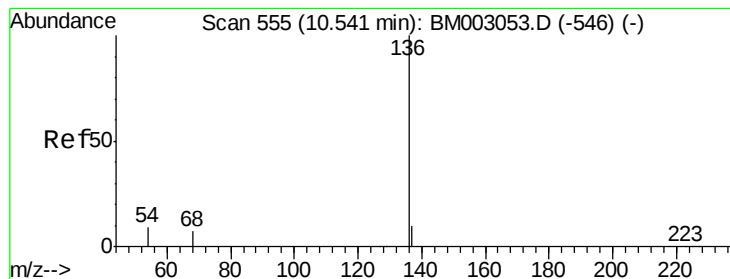


Abundance Ion 93.00 (92.70 to 93.70): BM003301.D (-283) (-)

Ion 63.00 (62.70 to 63.70): BM003301.D (-283) (-)

Ion 95.00 (94.70 to 95.70): BM003301.D (-283) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.53 min Scan# 555

Delta R.T. -0.01 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

Tgt Ion: 136 Resp: 253471

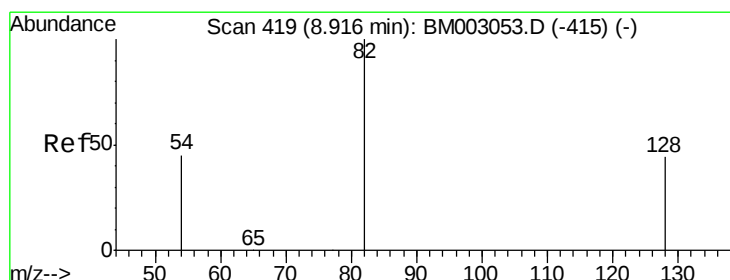
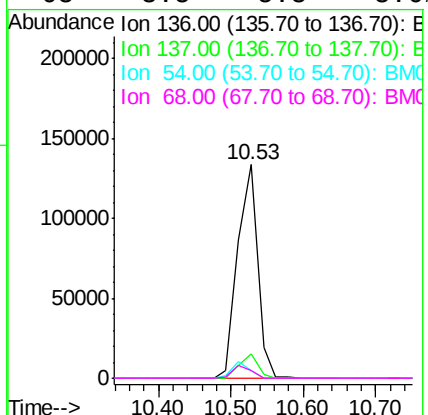
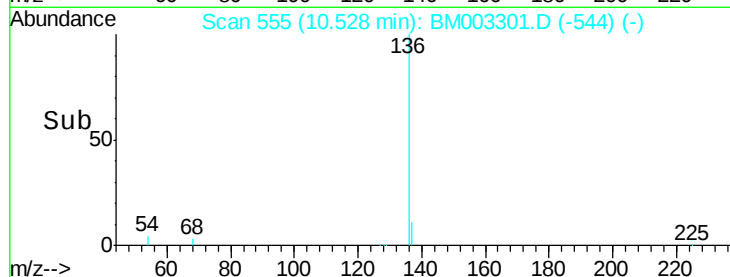
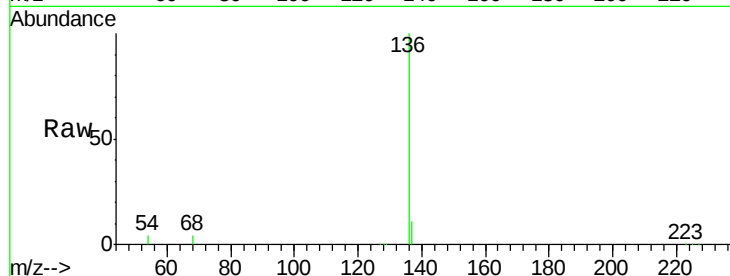
Ion Ratio Lower Upper

136 100

137 11.4 8.0 12.0

54 3.8 7.4 11.0#

68 3.5 5.8 8.6#



#8

Nitrobenzene-d5

Concen: 0.01 ng

RT: 8.82 min Scan# 410

Delta R.T. -0.10 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

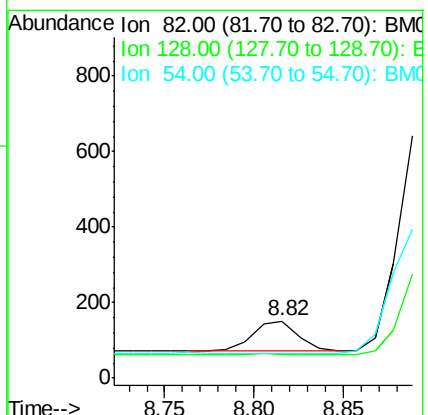
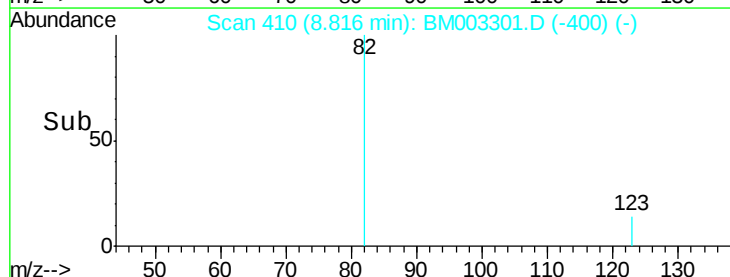
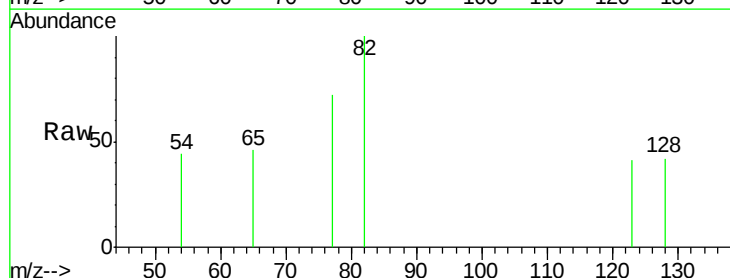
Tgt Ion: 82 Resp: 143

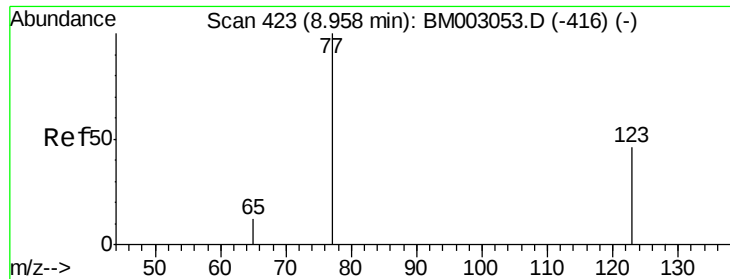
Ion Ratio Lower Upper

82 100

128 42.4 35.2 52.8

54 44.4 36.4 54.6





#9

Nitrobenzene

Concen: 0.10 ng

RT: 8.93 min Scan# 421

Delta R.T. -0.03 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

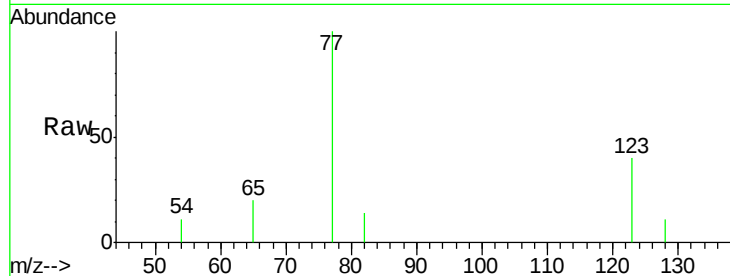
Tgt Ion: 77 Resp: 1231

Ion Ratio Lower Upper

77 100

123 45.0 37.7 56.5

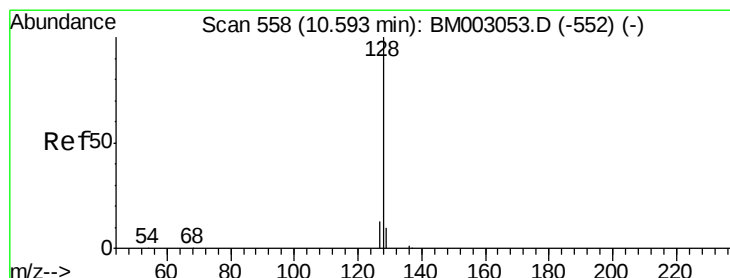
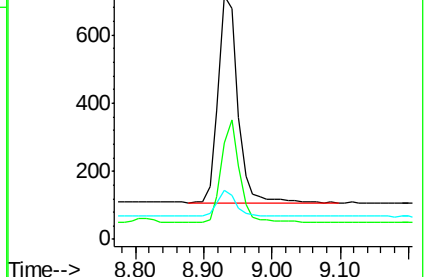
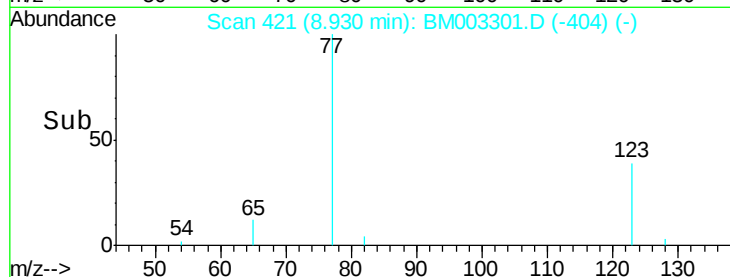
65 11.5 9.8 14.6



Abundance Ion 77.00 (76.70 to 77.70): BM003301.D (-404) (-)

Ion 123.00 (122.70 to 123.70): BM003301.D (-404) (-)

Ion 65.00 (64.70 to 65.70): BM003301.D (-404) (-)



#10

Naphthalene

Concen: 0.12 ng

RT: 10.56 min Scan# 557

Delta R.T. -0.03 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

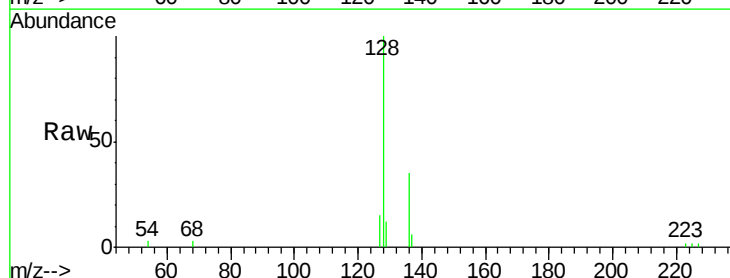
Tgt Ion: 128 Resp: 6284

Ion Ratio Lower Upper

128 100

129 11.8 8.5 12.7

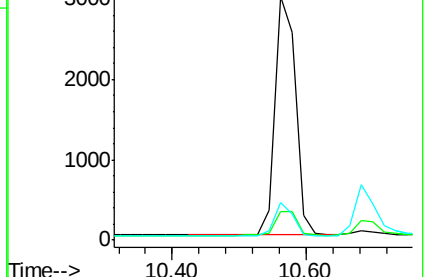
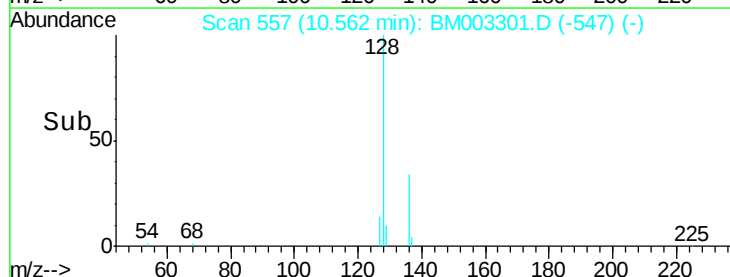
127 15.3 10.6 16.0

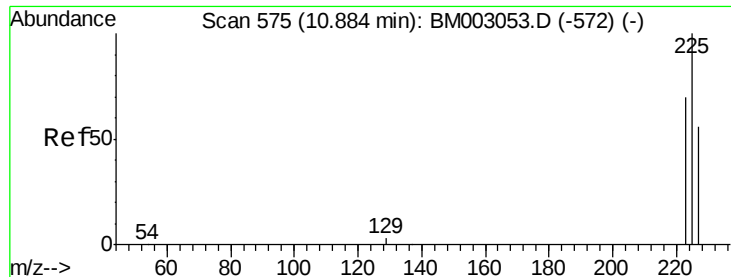


Abundance Ion 128.00 (127.70 to 128.70): BM003301.D (-547) (-)

Ion 129.00 (128.70 to 129.70): BM003301.D (-547) (-)

Ion 127.00 (126.70 to 127.70): BM003301.D (-547) (-)

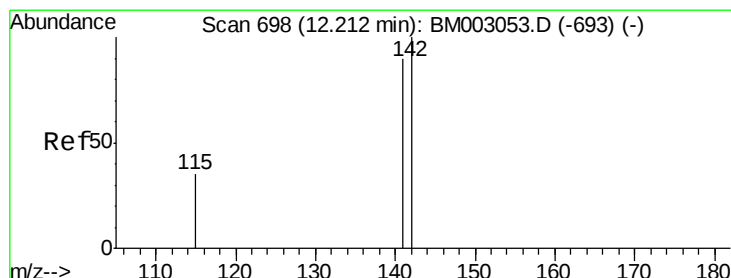
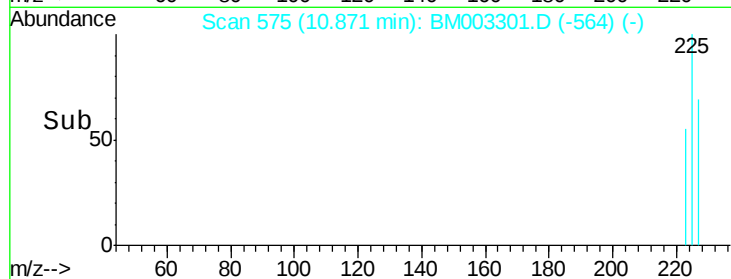
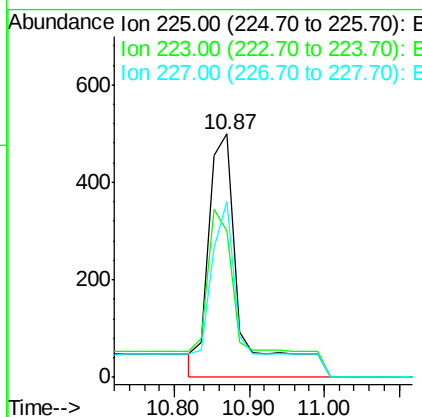
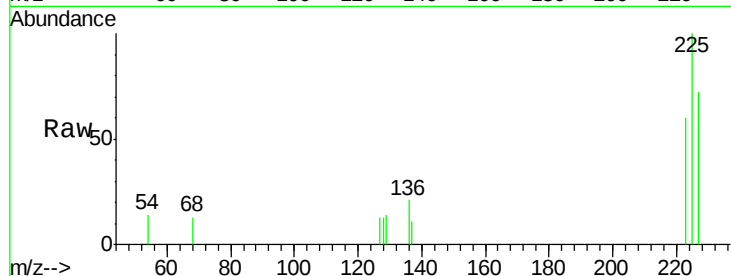




#11
Hexachlorobutadiene
Concen: 0.17 ng
RT: 10.87 min Scan# 575
Delta R.T. -0.01 min
Lab File: BM003301.D
Acq: 27 Nov 2015 11:13

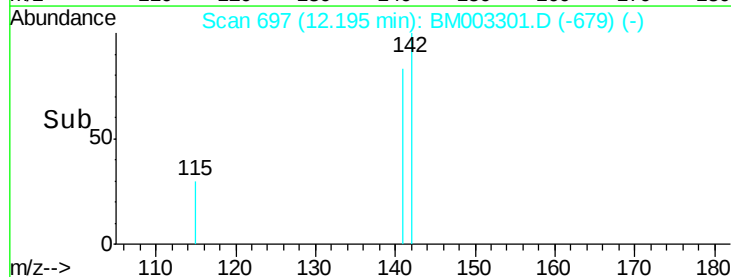
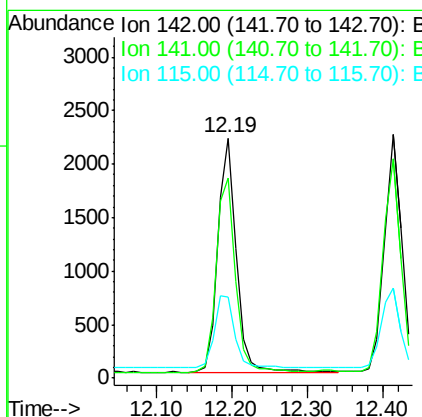
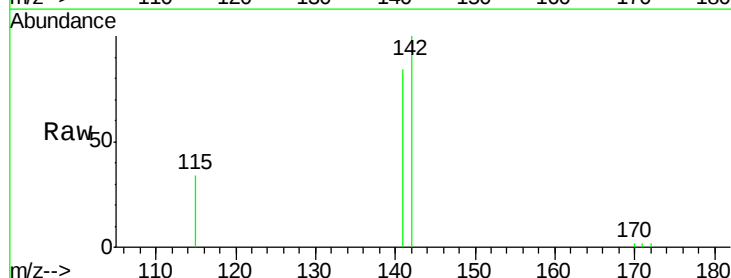
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

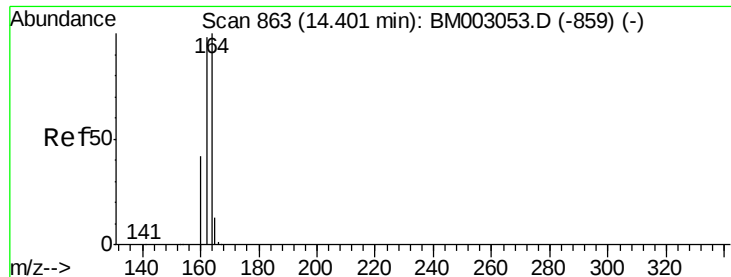
Tgt Ion: 225 Resp: 1405
Ion Ratio Lower Upper
225 100
223 83.6 53.0 79.4#
227 74.7 52.2 78.4



#12
2-Methylnaphthalene
Concen: 0.11 ng
RT: 12.19 min Scan# 697
Delta R.T. -0.02 min
Lab File: BM003301.D
Acq: 27 Nov 2015 11:13

Tgt Ion: 142 Resp: 3772
Ion Ratio Lower Upper
142 100
141 83.5 72.2 108.2
115 33.5 28.0 42.0





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.37 min Scan# 862

Delta R.T. -0.03 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

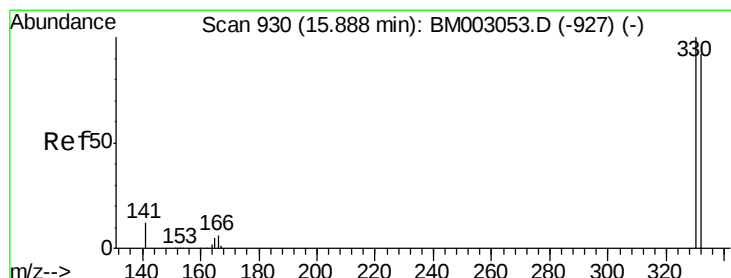
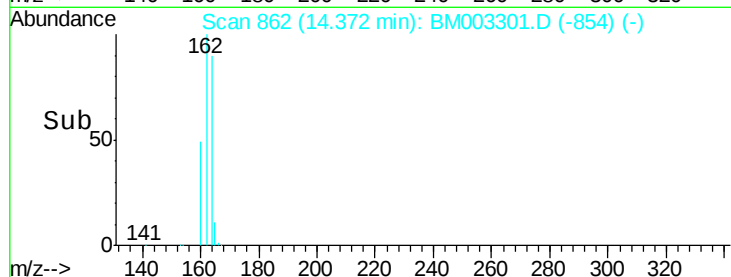
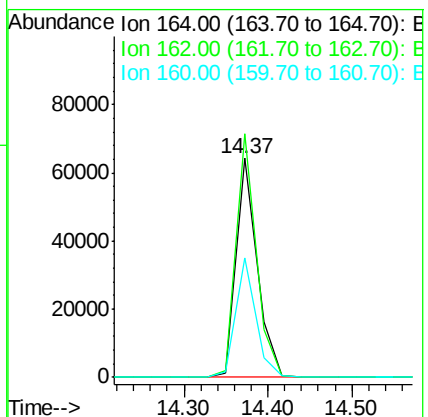
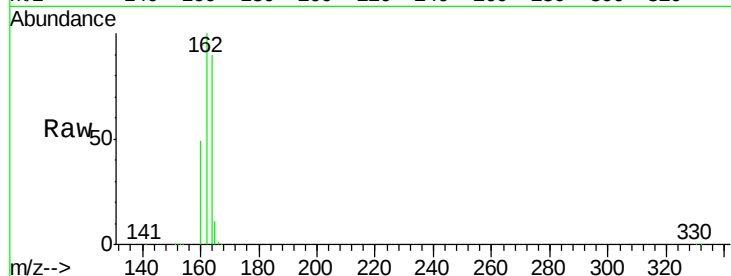
Tgt Ion:164 Resp: 109801

Ion Ratio Lower Upper

164 100

162 111.1 78.3 117.5

160 54.3 33.8 50.6#



#14

2,4,6-Tribromophenol

Concen: 0.06 ng

RT: 15.88 min Scan# 930

Delta R.T. -0.01 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

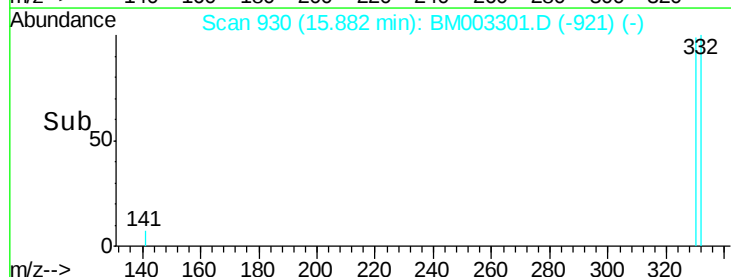
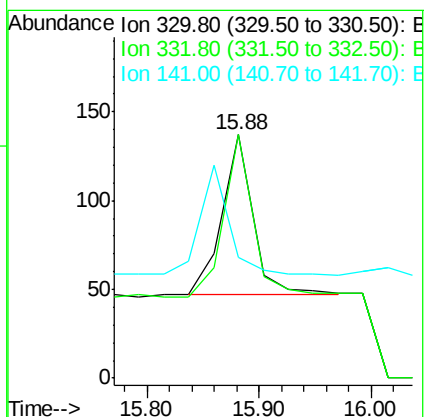
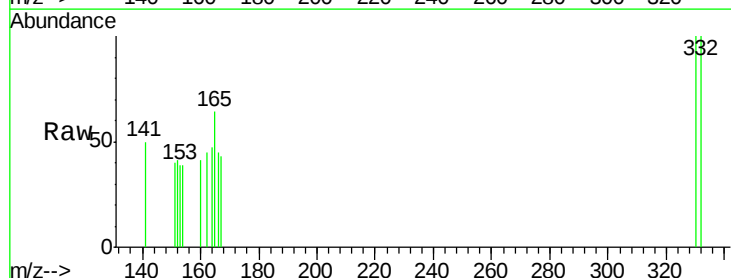
Tgt Ion:330 Resp: 173

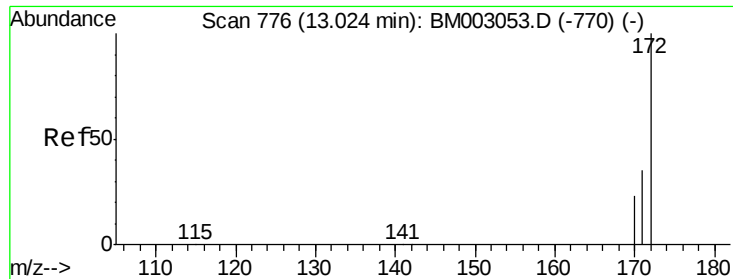
Ion Ratio Lower Upper

330 100

332 95.4 76.0 114.0

141 0.0 0.0 0.0

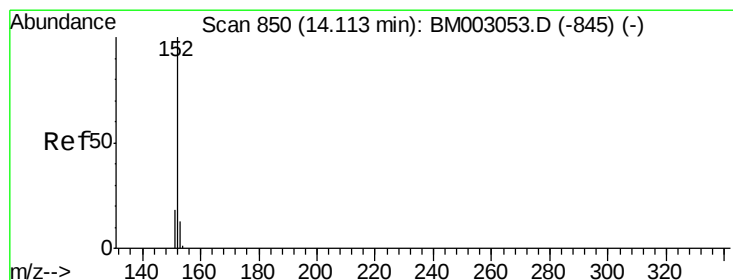
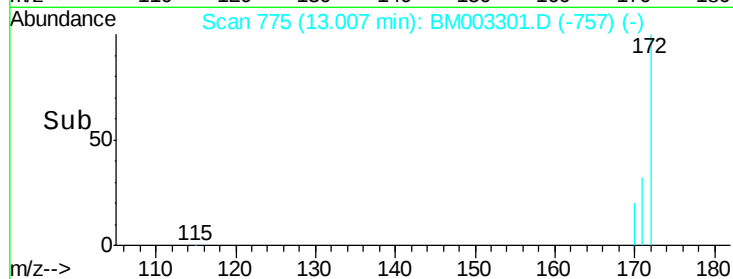
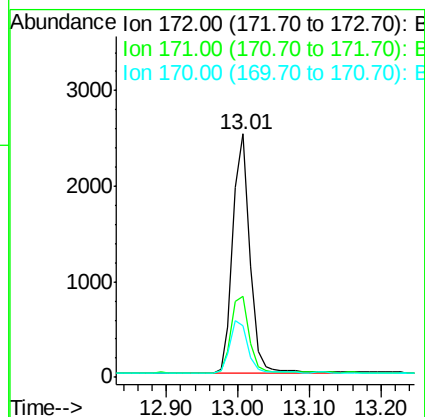
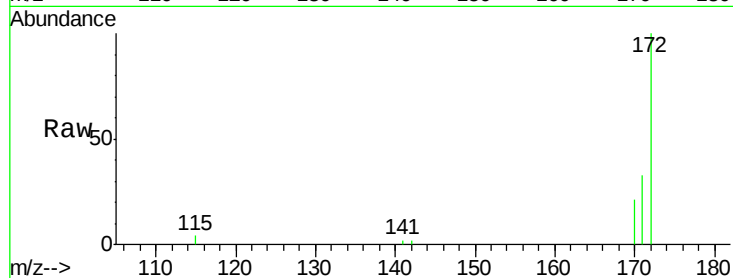




#15
2-Fluorobiphenyl
Concen: 0.12 ng
RT: 13.01 min Scan# 775
Delta R.T. -0.02 min
Lab File: BM003301.D
Acq: 27 Nov 2015 11:13

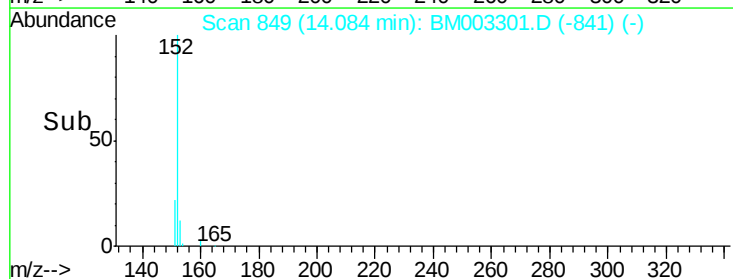
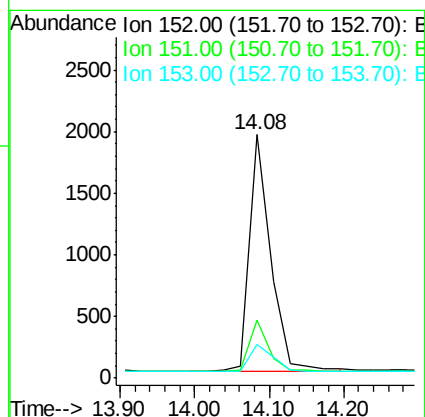
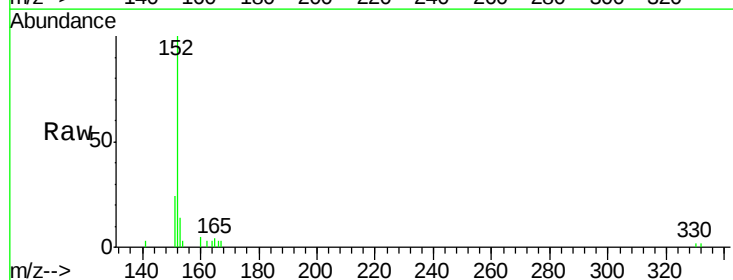
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

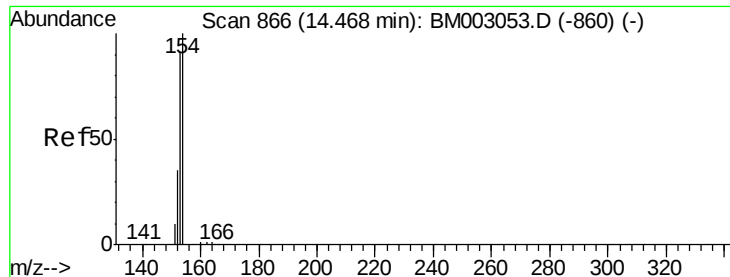
Tgt Ion:172 Resp: 4090
Ion Ratio Lower Upper
172 100
171 33.2 28.0 42.0
170 21.4 18.9 28.3



#16
Acenaphthylene
Concen: 0.09 ng
RT: 14.08 min Scan# 849
Delta R.T. -0.03 min
Lab File: BM003301.D
Acq: 27 Nov 2015 11:13

Tgt Ion:152 Resp: 3797
Ion Ratio Lower Upper
152 100
151 19.8 15.2 22.8
153 12.9 10.4 15.6

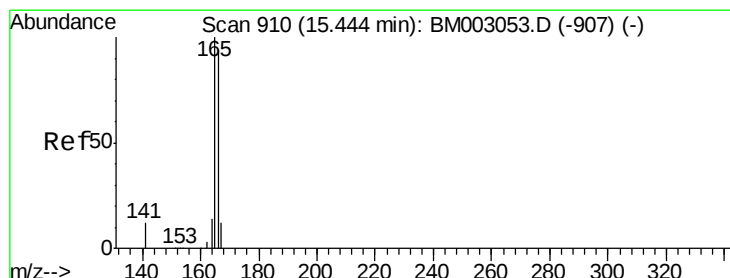
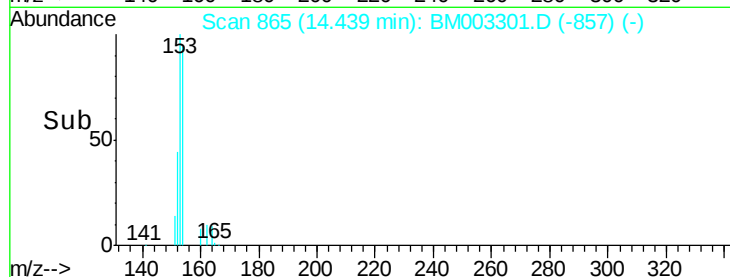
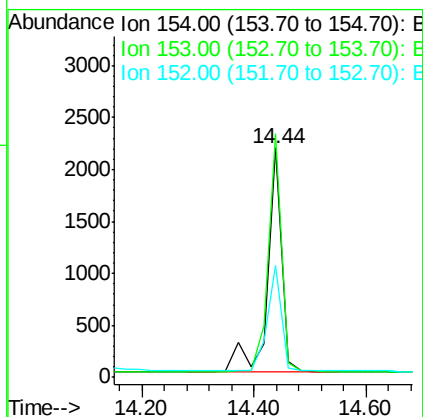
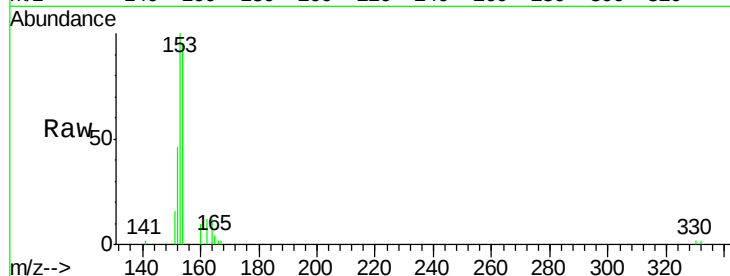




#17
Acenaphthene
Concen: 0.13 ng
RT: 14.44 min Scan# 865
Delta R.T. -0.03 min
Lab File: BM003301.D
Acq: 27 Nov 2015 11:13

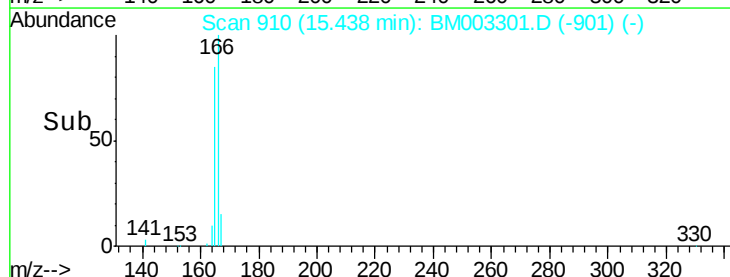
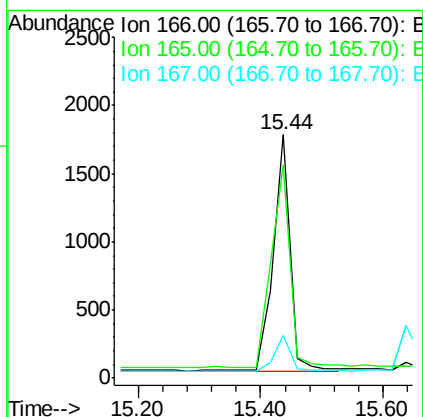
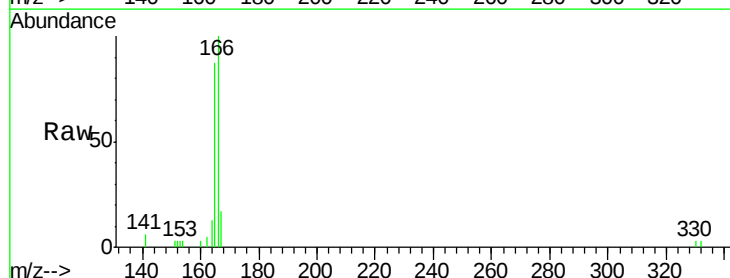
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

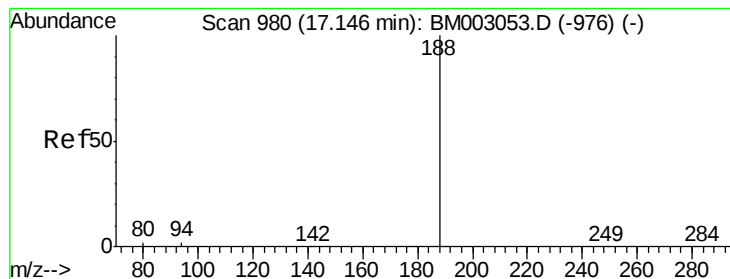
Tgt Ion:154 Resp: 3874
Ion Ratio Lower Upper
154 100
153 98.8 0.0 0.0#
152 46.1 0.0 0.0#



#18
Fluorene
Concen: 0.11 ng
RT: 15.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BM003301.D
Acq: 27 Nov 2015 11:13

Tgt Ion:166 Resp: 3297
Ion Ratio Lower Upper
166 100
165 96.1 80.8 121.2
167 13.9 10.5 15.7





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.11 min Scan# 979

Delta R.T. -0.03 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

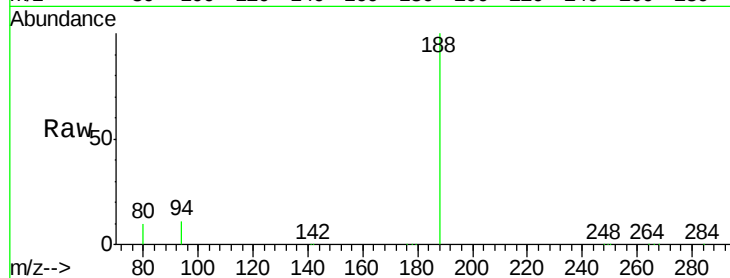
Tgt Ion:188 Resp: 221227

Ion Ratio Lower Upper

188 100

94 10.8 1.8 2.6#

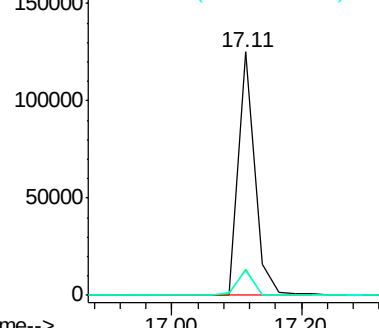
80 10.3 1.4 2.0#



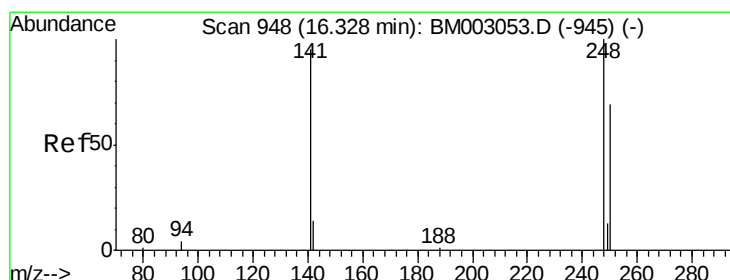
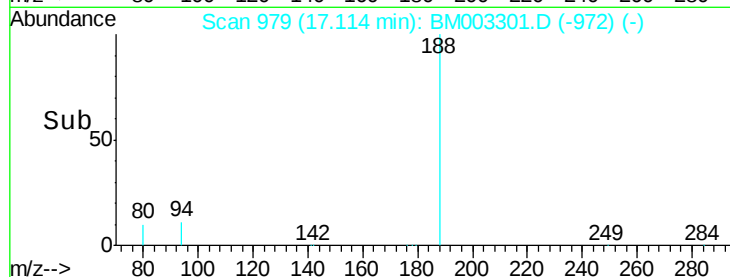
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.10 ng

RT: 16.32 min Scan# 948

Delta R.T. -0.01 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

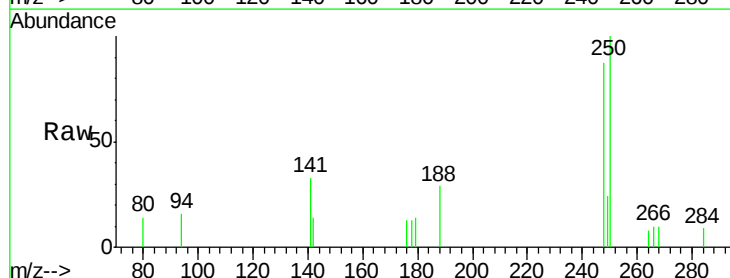
Tgt Ion:248 Resp: 813

Ion Ratio Lower Upper

248 100

250 109.0 65.4 98.0#

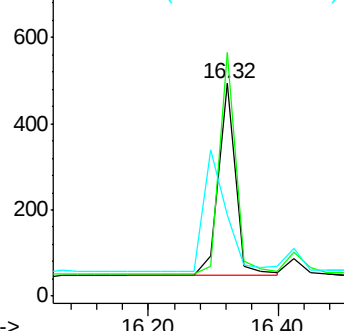
141 0.0 72.8 109.2#



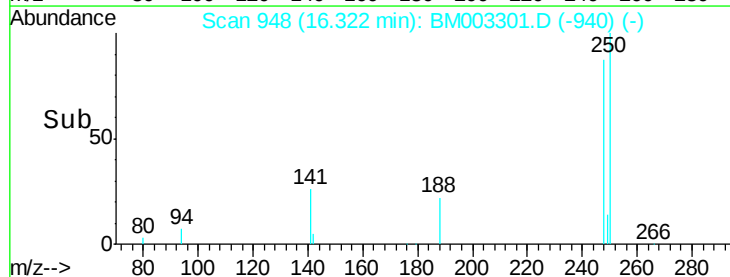
Abundance Ion 248.00 (247.70 to 248.70): E

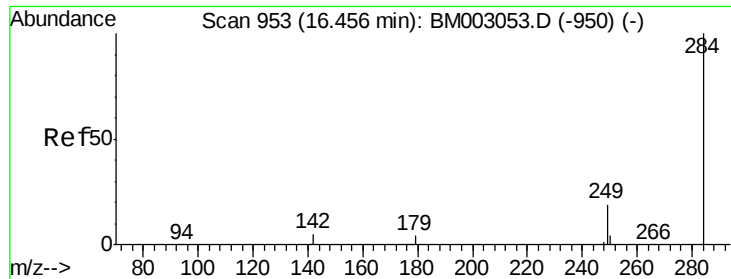
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

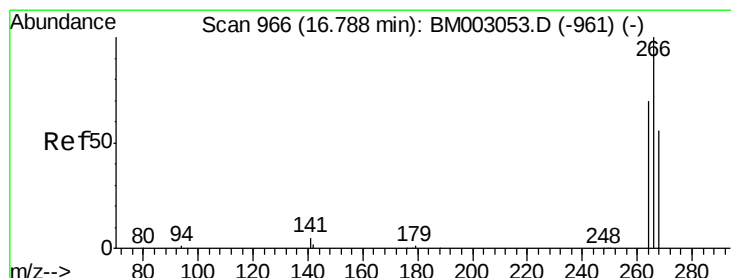
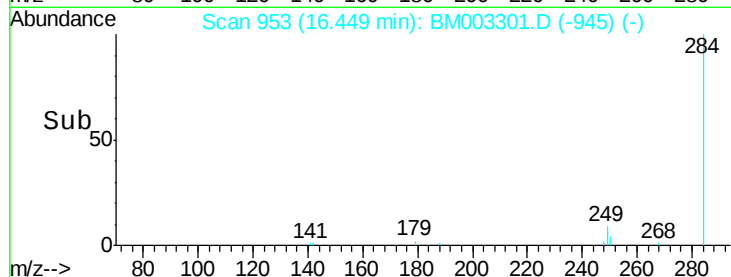
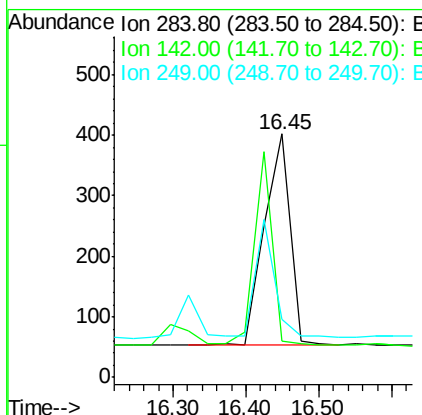
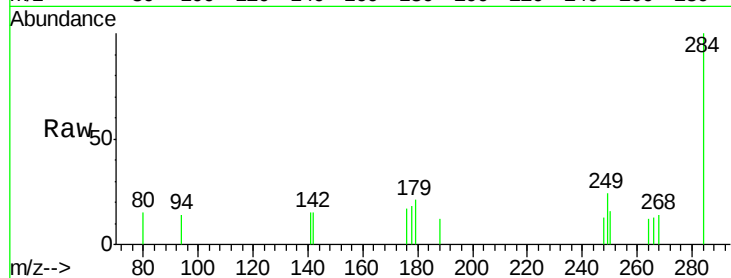




#21
Hexachlorobenzene
Concen: 0.03 ng
RT: 16.45 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM003301.D
Acq: 27 Nov 2015 11:13

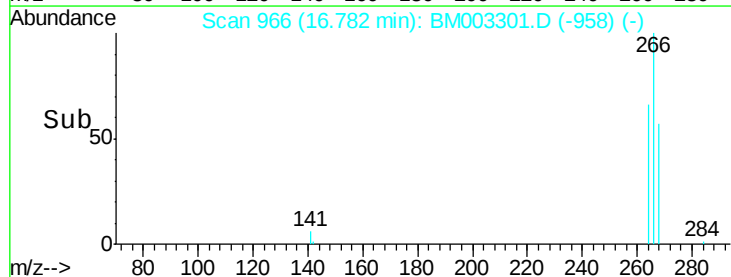
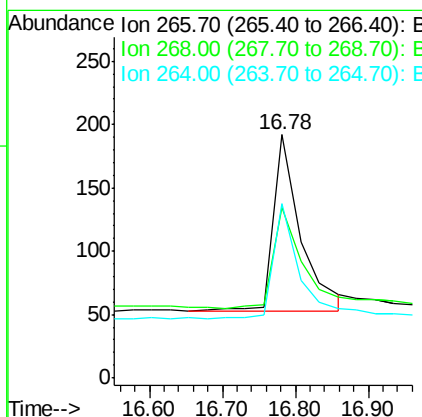
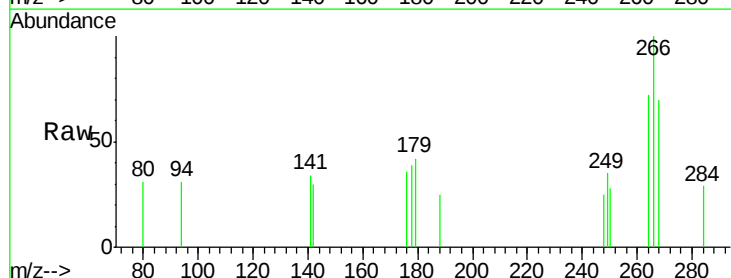
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

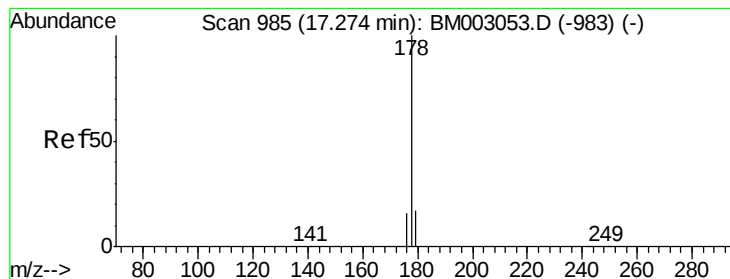
Tgt Ion: 284 Resp: 859
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 19.4 29.2#



#22
Pentachlorophenol
Concen: 0.28 ng
RT: 16.78 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM003301.D
Acq: 27 Nov 2015 11:13

Tgt Ion: 266 Resp: 362
Ion Ratio Lower Upper
266 100
268 70.3 45.8 68.8#
264 71.9 56.7 85.1





#24

Anthracene

Concen: 0.08 ng

RT: 17.24 min Scan# 984

Delta R.T. -0.03 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

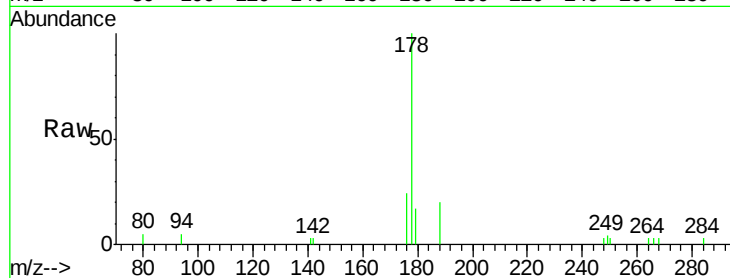
Tgt Ion:178 Resp: 3963

Ion Ratio Lower Upper

178 100

176 19.5 14.1 21.1

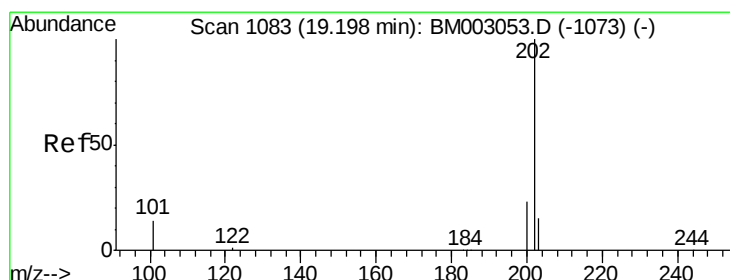
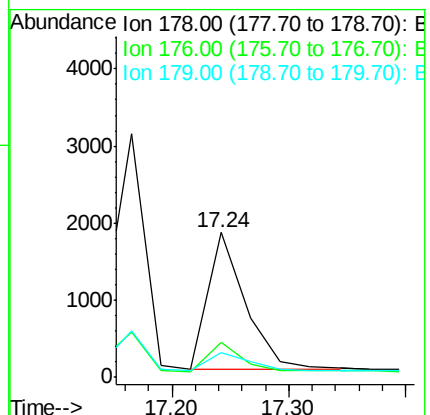
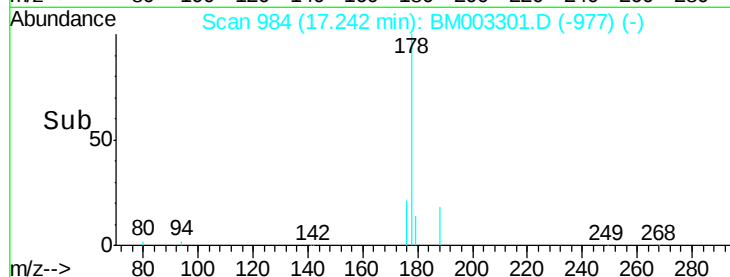
179 15.3 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene

Concen: 0.05 ng

RT: 19.19 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

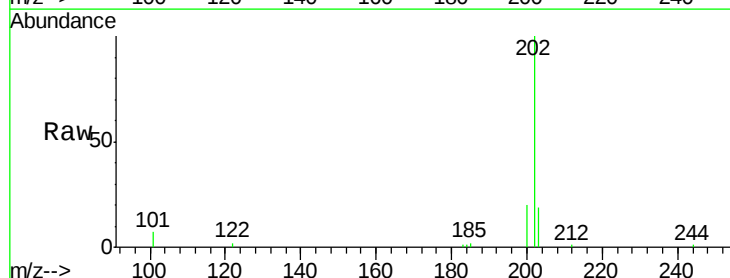
Tgt Ion:202 Resp: 5091

Ion Ratio Lower Upper

202 100

101 12.1 9.9 14.9

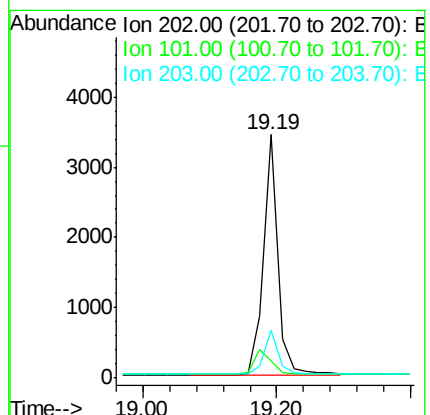
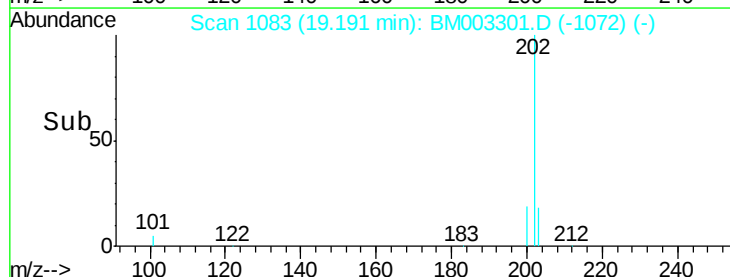
203 17.7 13.9 20.9

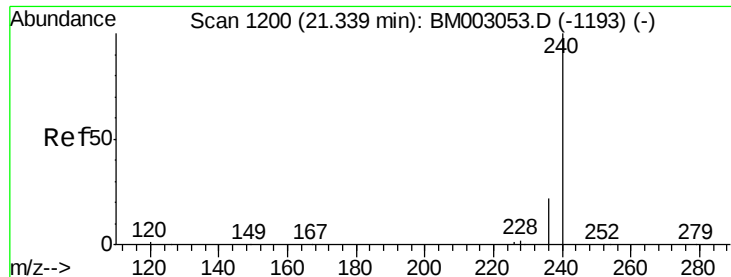


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

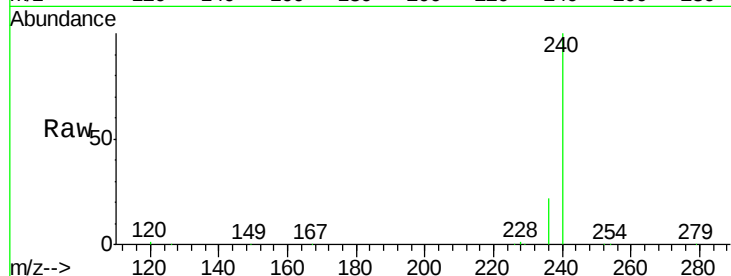




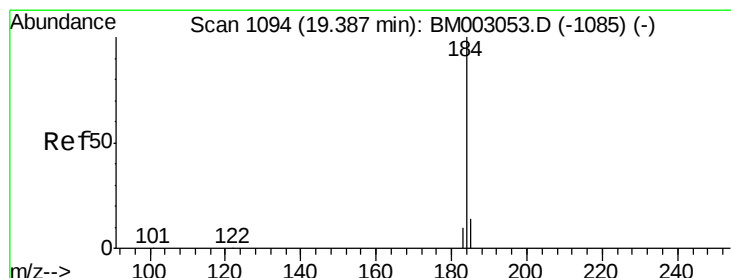
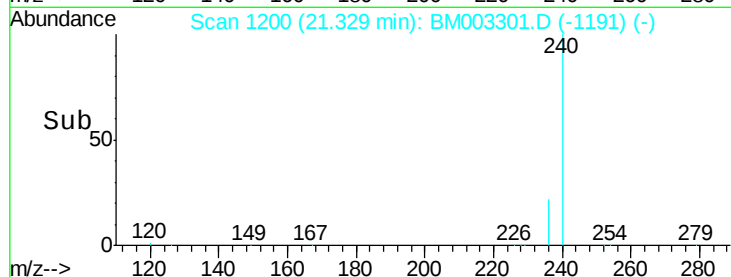
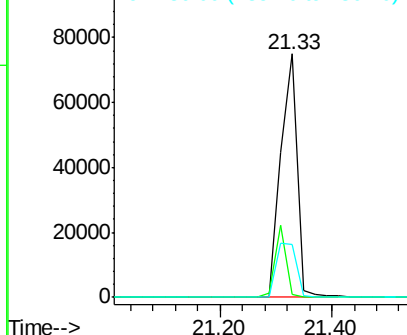
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.33 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BM003301.D
Acq: 27 Nov 2015 11:13

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

Tgt Ion:240 Resp: 152130
Ion Ratio Lower Upper
240 100
120 1.4 1.0 1.4#
236 21.9 17.9 26.9

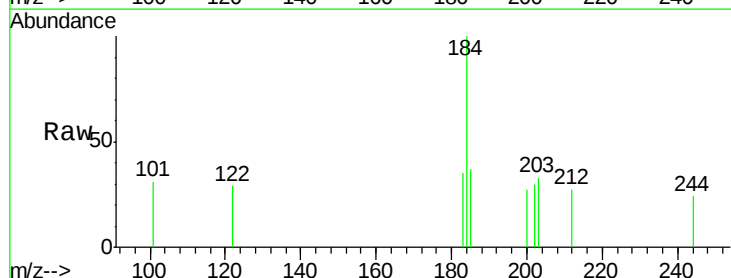


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

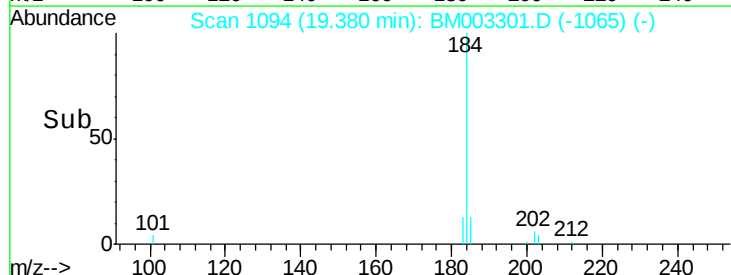
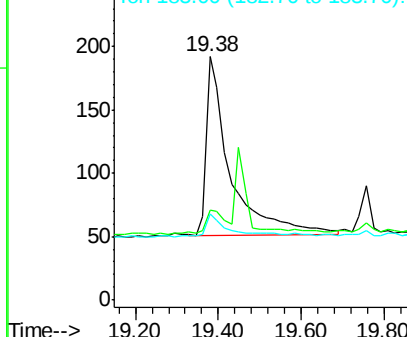


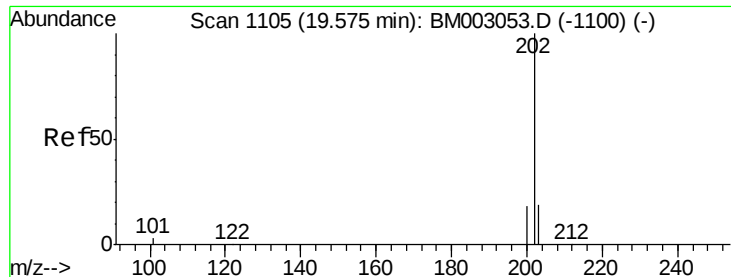
#27
Benzidine
Concen: Below Cal
RT: 19.38 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BM003301.D
Acq: 27 Nov 2015 11:13

Tgt Ion:184 Resp: 565
Ion Ratio Lower Upper
184 100
185 37.0 11.6 17.4#
183 35.4 8.6 13.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

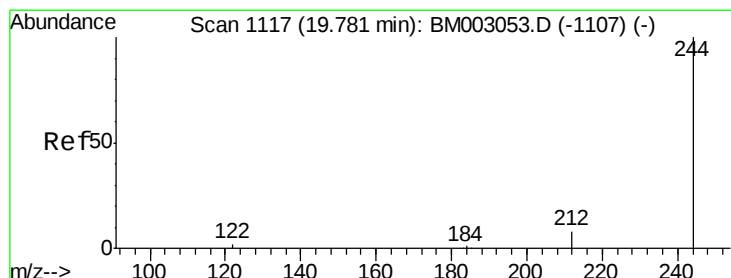
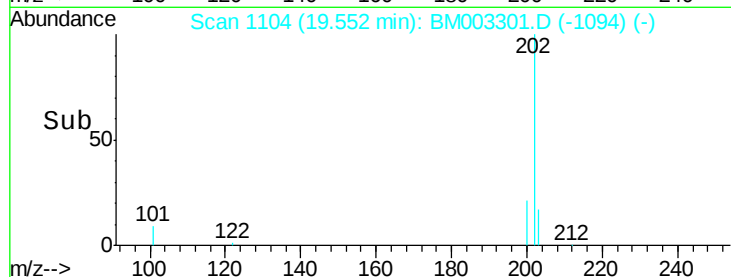
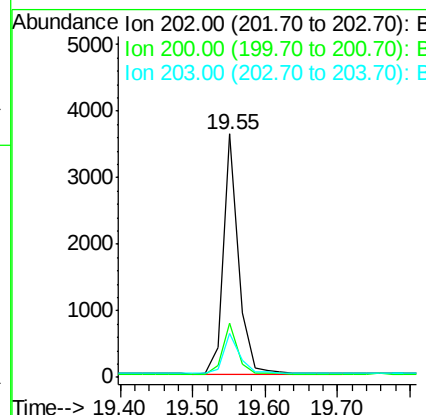
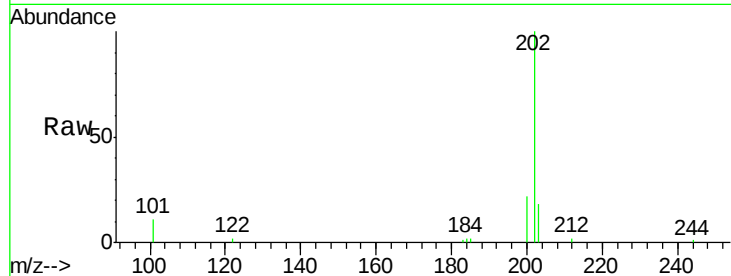




#28
 Pyrene
 Concen: 0.12 ng
 RT: 19.55 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BM003301.D
 Acq: 27 Nov 2015 11:13

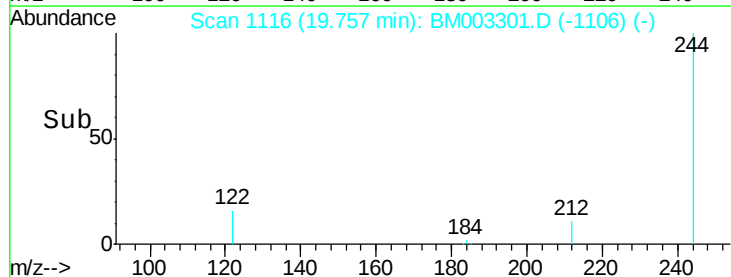
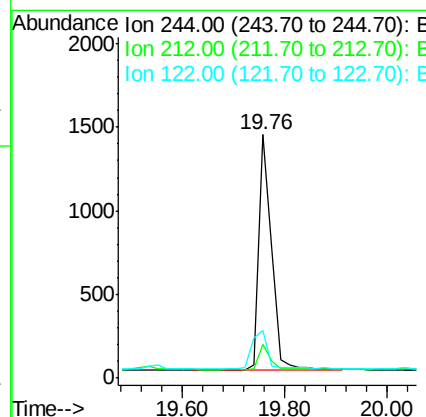
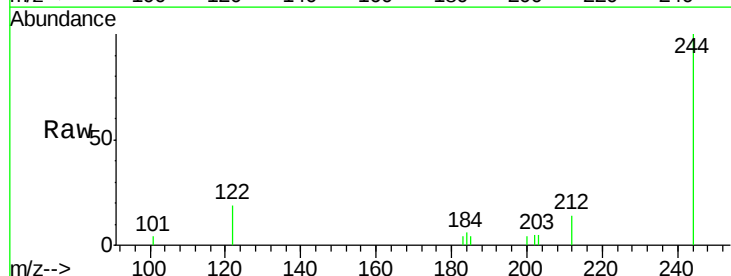
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

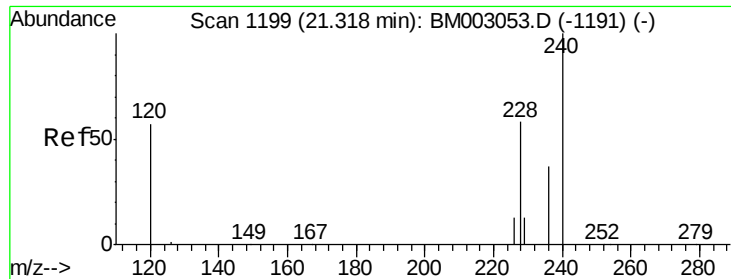
Tgt Ion: 202 Resp: 5257
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.7 25.1
 203 18.3 13.8 20.6



#29
 Terphenyl-d14
 Concen: 0.11 ng
 RT: 19.76 min Scan# 1116
 Delta R.T. -0.02 min
 Lab File: BM003301.D
 Acq: 27 Nov 2015 11:13

Tgt Ion: 244 Resp: 2392
 Ion Ratio Lower Upper
 244 100
 212 13.7 6.5 9.7#
 122 19.4 2.0 3.0#

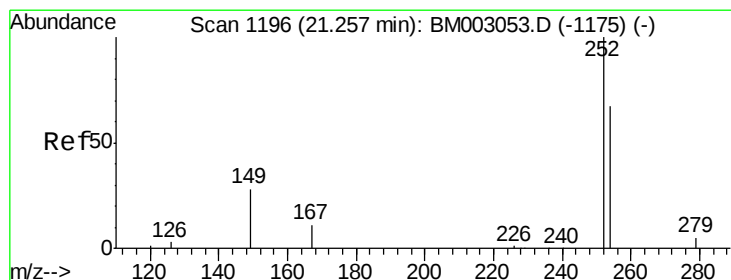
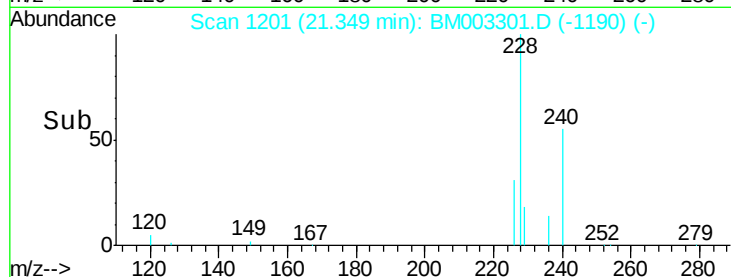
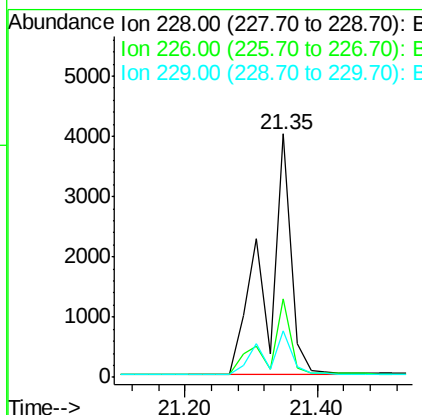
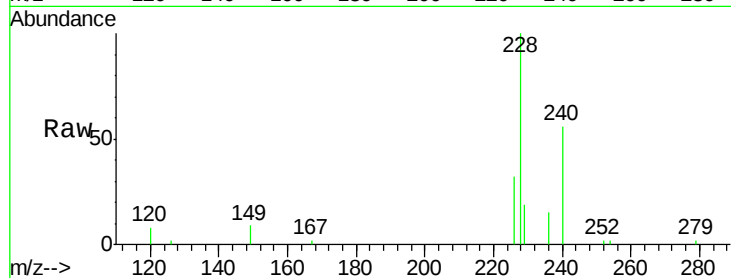




#30
Benzo(a)anthracene
Concen: 0.29 ng
RT: 21.35 min Scan# 1201
Delta R.T. 0.03 min
Lab File: BM003301.D
Acq: 27 Nov 2015 11:13

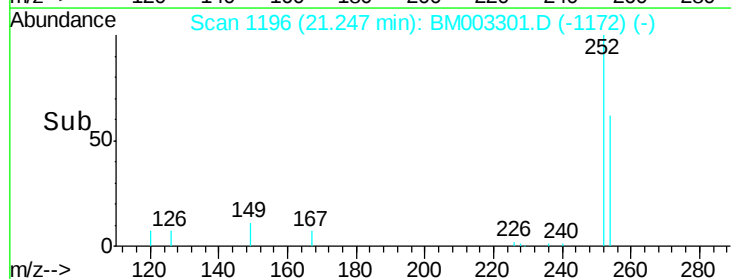
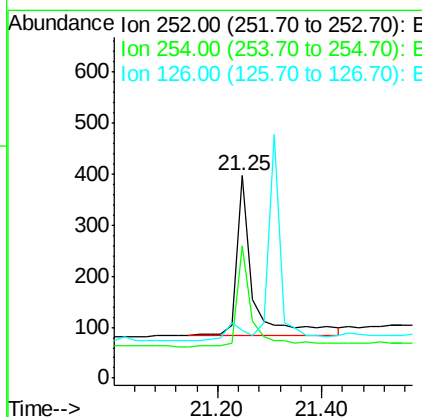
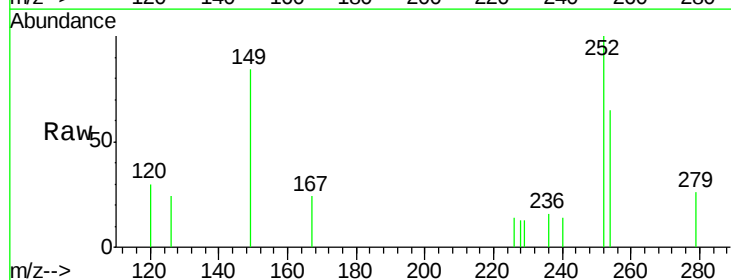
Instrument :
BNA_M
ClientSampled :
SSTDIC0.1

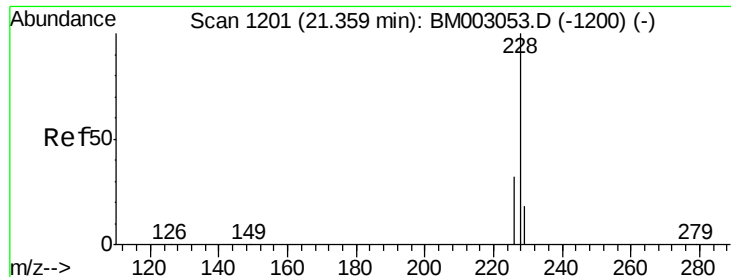
Tgt Ion:228 Resp: 10124
Ion Ratio Lower Upper
228 100
226 32.0 17.8 26.6#
229 19.2 18.0 27.0



#31
3,3'-Dichlorobenzidine
Concen: 0.26 ng
RT: 21.25 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BM003301.D
Acq: 27 Nov 2015 11:13

Tgt Ion:252 Resp: 699
Ion Ratio Lower Upper
252 100
254 65.2 53.7 80.5
126 23.7 2.8 4.2#





#32

Chrysene

Concen: 0.12 ng

RT: 21.35 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

Instrument :

BNA_M

ClientSampled :

SSTDIC0.1

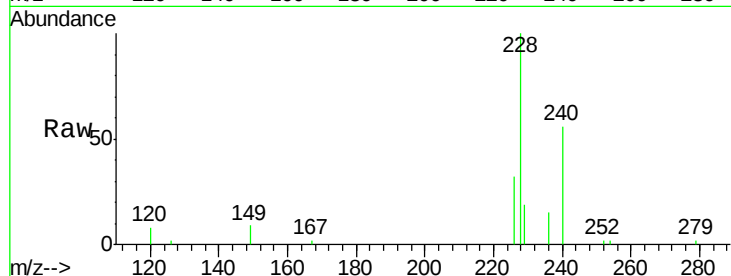
Tgt Ion:228 Resp: 10181

Ion Ratio Lower Upper

228 100

226 32.0 25.5 38.3

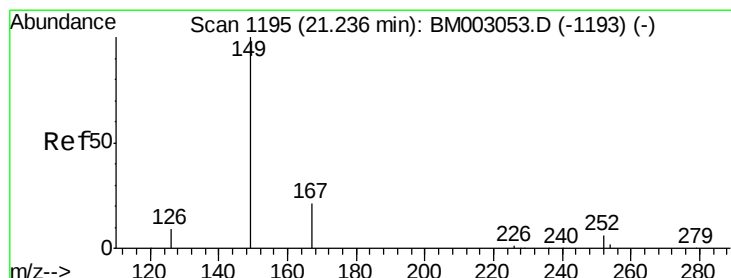
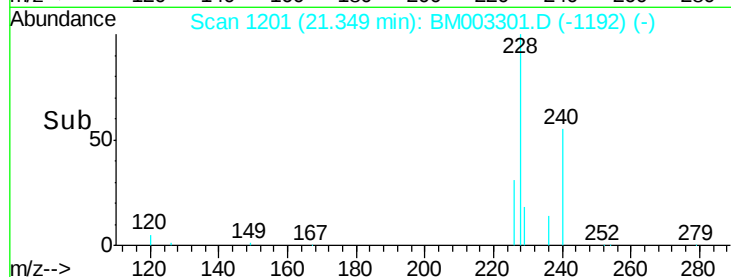
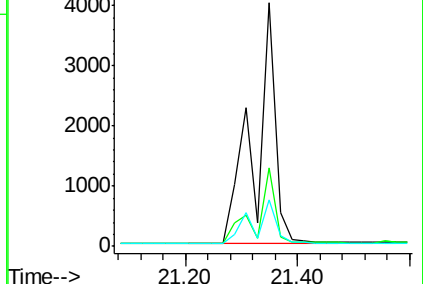
229 19.2 14.3 21.5



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: 0.35 ng

RT: 21.23 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

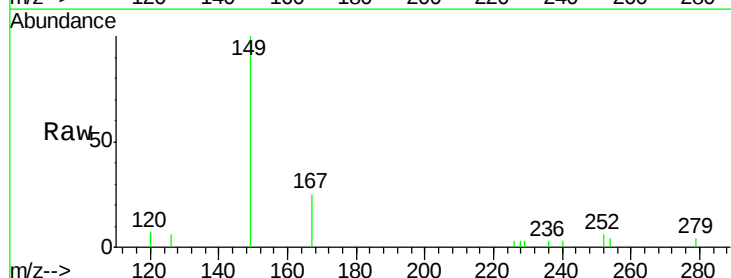
Tgt Ion:149 Resp: 2063

Ion Ratio Lower Upper

149 100

167 24.3 19.6 29.4

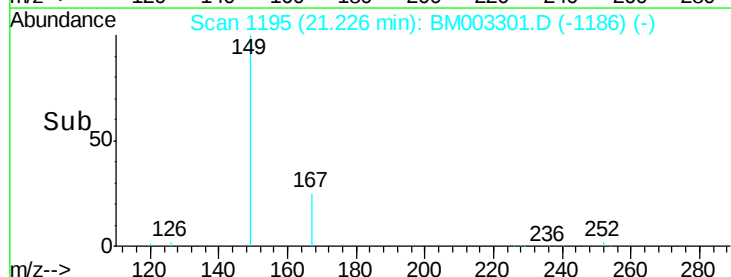
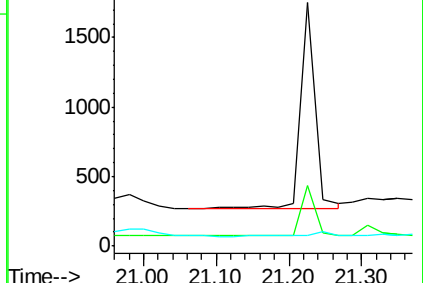
279 0.0 0.0 0.0

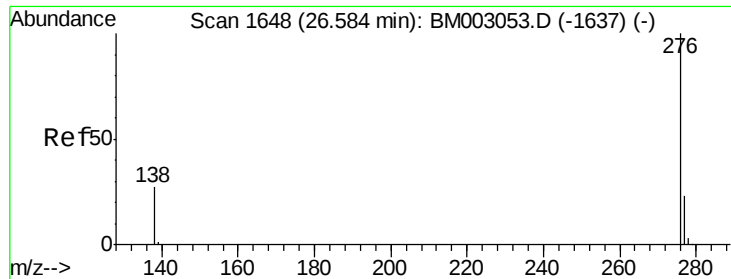


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Indeno(1,2,3-cd)pyrene

Concen: 0.15 ng

RT: 25.85 min Scan# 1578

Delta R.T. -0.03 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

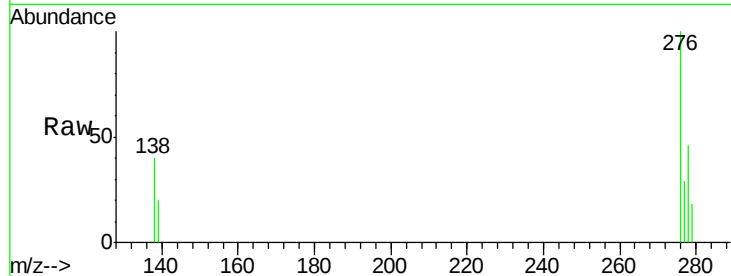
Tgt Ion:276 Resp: 3601

Ion Ratio Lower Upper

276 100

138 36.0 19.1 28.7#

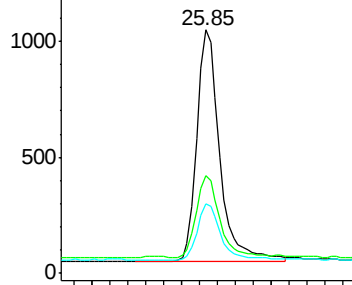
277 24.9 15.9 23.9#



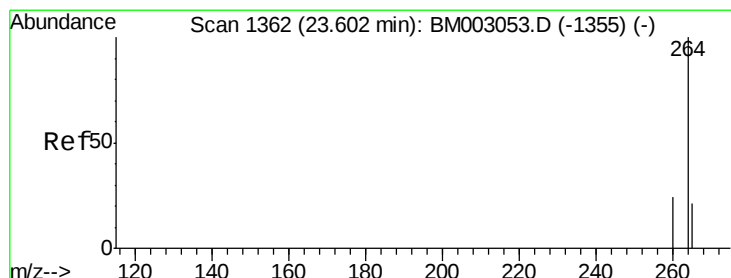
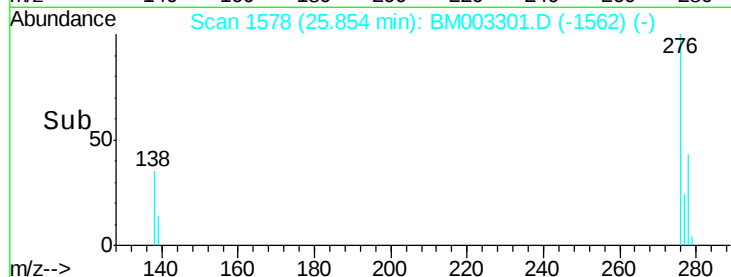
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.58 min Scan# 1360

Delta R.T. -0.02 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

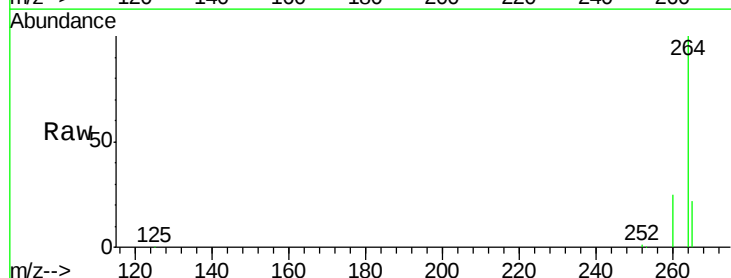
Tgt Ion:264 Resp: 143505

Ion Ratio Lower Upper

264 100

260 25.5 19.6 29.4

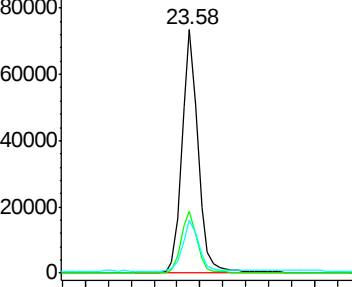
265 21.7 18.4 27.6



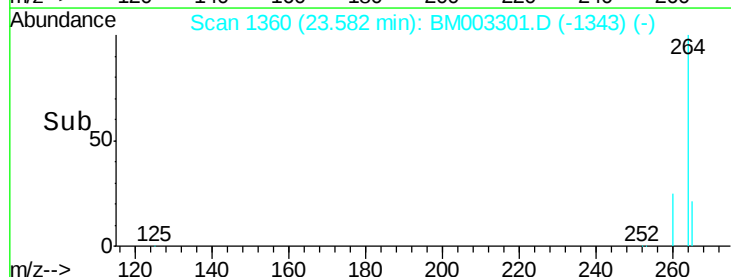
Abundance Ion 264.00 (263.70 to 264.70): E

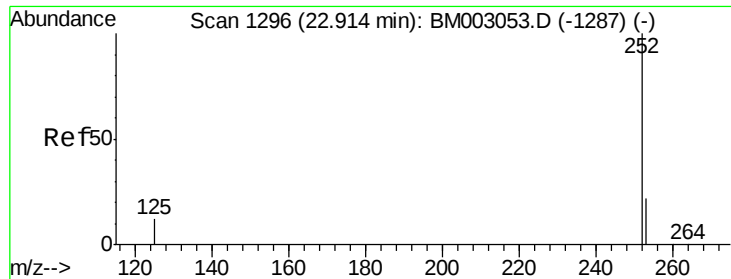
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->





#36

Benzo(b)fluoranthene

Concen: 0.07 ng

RT: 22.89 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

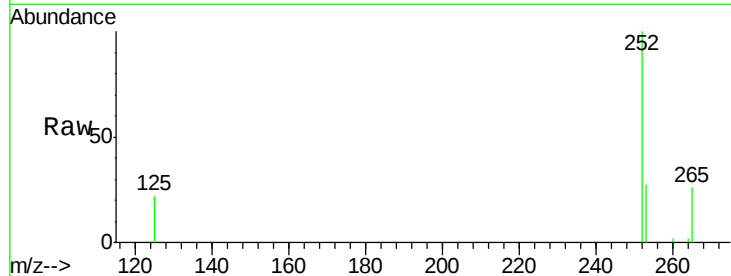
Tgt Ion:252 Resp: 4606

Ion Ratio Lower Upper

252 100

253 27.4 18.2 27.4#

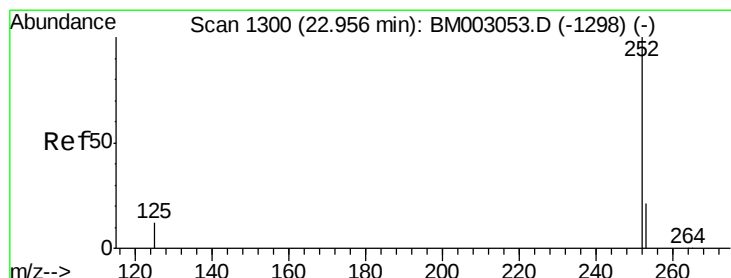
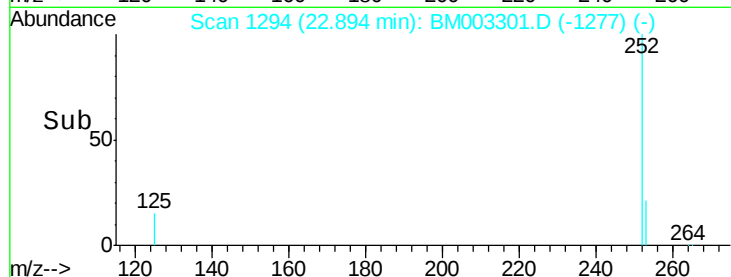
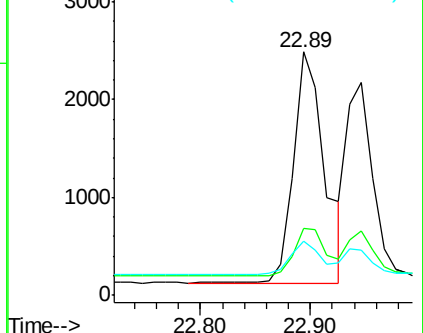
125 22.3 10.3 15.5#



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: 0.05 ng

RT: 22.95 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

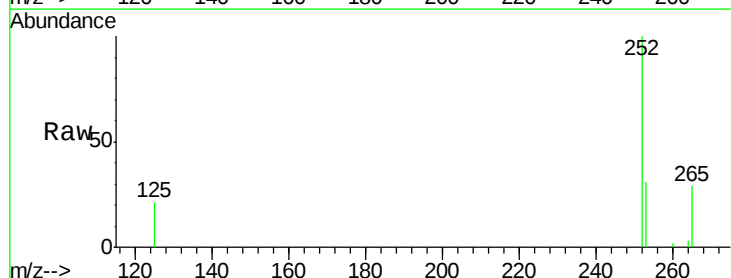
Tgt Ion:252 Resp: 3513

Ion Ratio Lower Upper

252 100

253 30.5 17.5 26.3#

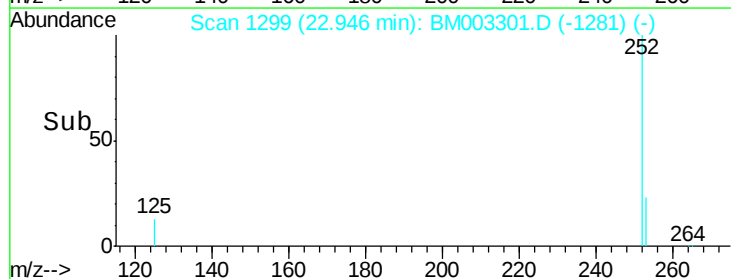
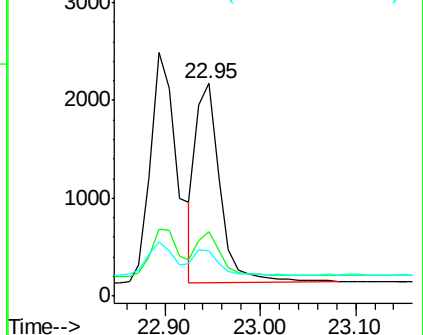
125 21.5 10.7 16.1#

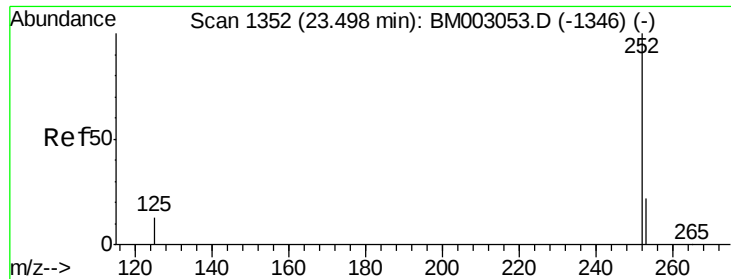


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Benzo(a)pyrene

Concen: 0.09 ng

RT: 23.48 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

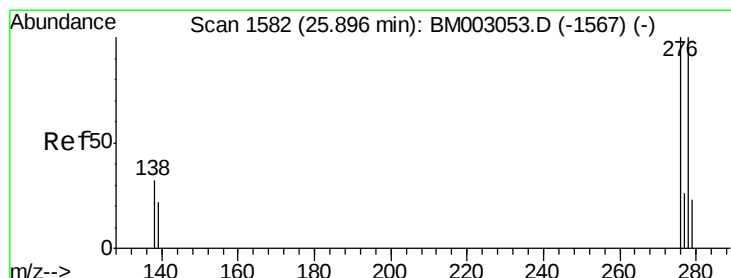
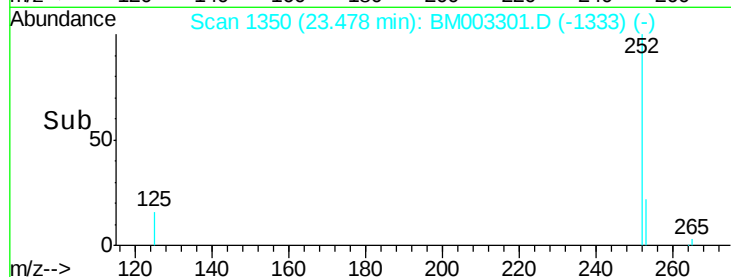
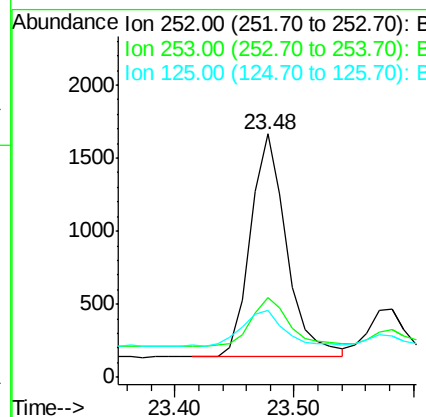
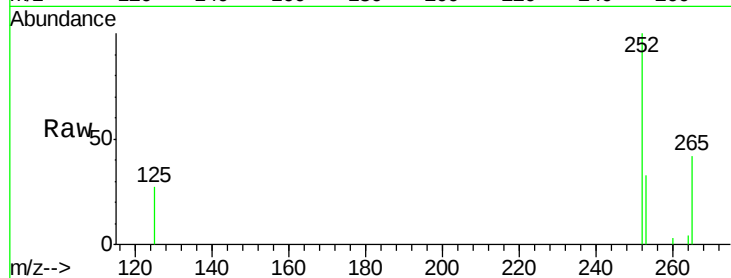
Tgt Ion:252 Resp: 3208

Ion Ratio Lower Upper

252 100

253 33.0 18.7 28.1#

125 27.3 11.6 17.4#



#39

Dibenzo(a,h)anthracene

Concen: 0.07 ng

RT: 25.88 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BM003301.D

Acq: 27 Nov 2015 11:13

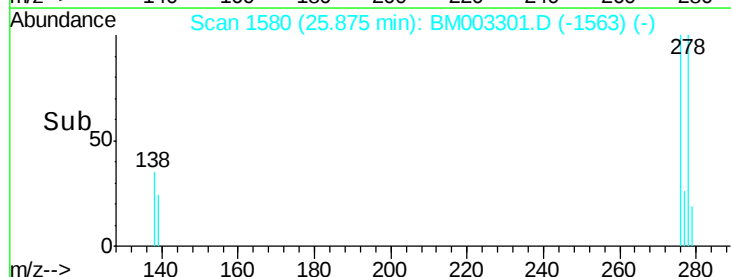
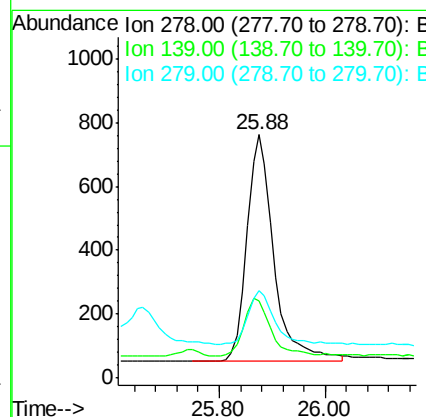
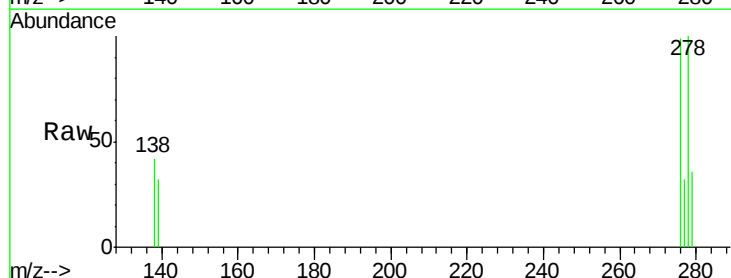
Tgt Ion:278 Resp: 2509

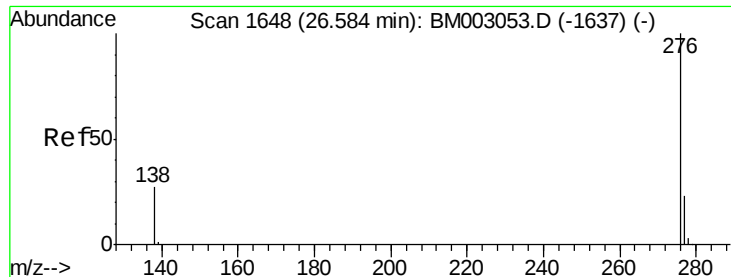
Ion Ratio Lower Upper

278 100

139 31.6 18.2 27.4#

279 36.0 18.8 28.2#





#40

Benzo(g,h,i)perylene

Concen: 0.09 ng

RT: 26.55 min Scan# 1645

Delta R.T. -0.03 min

Lab File: BM003301.D

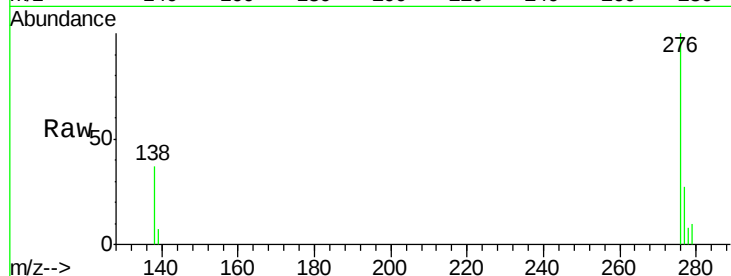
Acq: 27 Nov 2015 11:13

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1



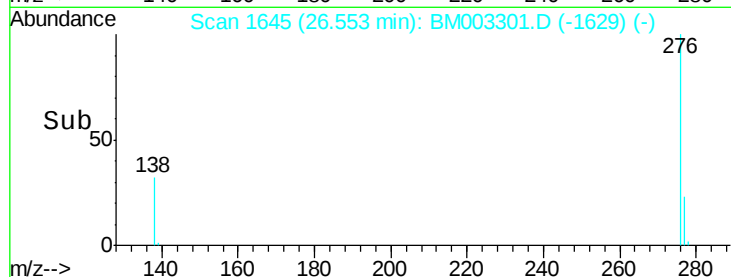
Tgt Ion: 276 Resp: 3621

Ion Ratio Lower Upper

276 100

277 27.3 19.0 28.6

138 37.2 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

