

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030116\
 Data File : BM004508.D
 Acq On : 02 Mar 2016 01:19
 Operator : SJ/UM
 Sample : SSTDICC005
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Mar 02 02:30:04 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 02:23:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	20936	5.00	ng	0.00
7) Naphthalene-d8	10.37	136	80972	5.00	ng	-0.02
13) Acenaphthene-d10	14.26	164	41135	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	95008	5.00	ng	0.00
26) Chrysene-d12	21.23	240	78224	5.00	ng	0.00
35) Perylene-d12	23.45	264	66822	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	23516	4.87	ng	-0.02
5) Phenol-d6	6.80	99	28867	5.32	ng	-0.02
8) Nitrobenzene-d5	8.76	82	21497	5.28	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	7286	4.76	ng	-0.02
15) 2-Fluorobiphenyl	12.87	172	64840	5.16	ng	-0.01
29) Terphenyl-d14	19.67	244	54152	5.15	ng	0.00

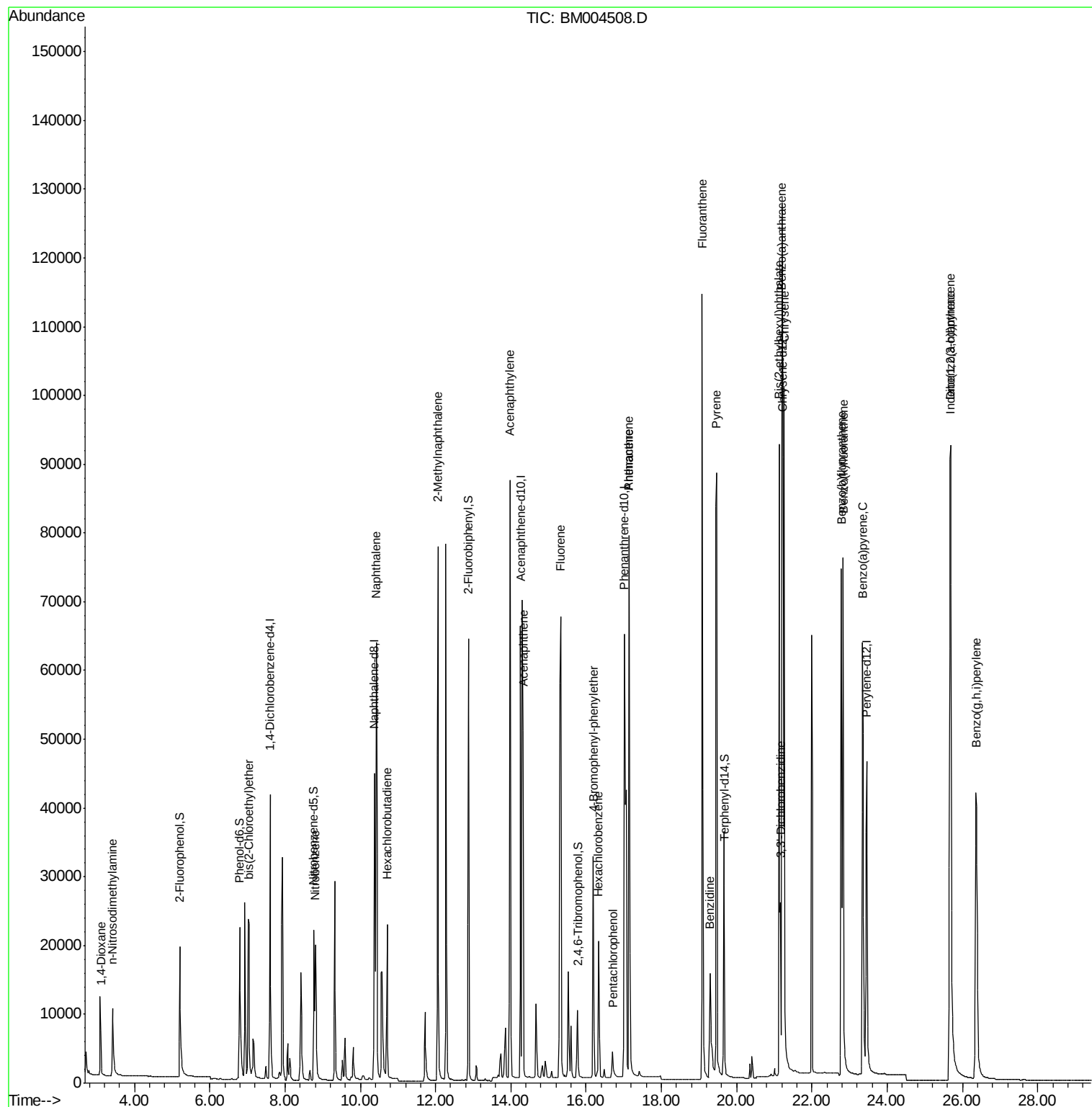
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	9274	3.87	ng	97
3) n-Nitrosodimethylamine	3.41	42	8046	3.92	ng	# 98
6) bis(2-Chloroethyl)ether	7.04	93	24158	4.27	ng	94
9) Nitrobenzene	8.81	77	24693	4.58	ng	99
10) Naphthalene	10.42	128	92877	3.74	ng	98
11) Hexachlorobutadiene	10.72	225	16094	4.41	ng	99
12) 2-Methylnaphthalene	12.06	142	59211	4.32	ng	96
16) Acenaphthylene	13.97	152	104806	4.58	ng	99
17) Acenaphthene	14.33	154	55648	3.71	ng	# 6
18) Fluorene	15.33	166	68884	3.77	ng	98
20) 4-Bromophenyl-phenylether	16.19	248	19307	3.79	ng	# 80
21) Hexachlorobenzene	16.32	284	17189	2.99	ng	# 100
22) Pentachlorophenol	16.70	266	4452	3.21	ng	87
23) Phenanthrene	17.14	178	109148	3.34	ng	98
24) Anthracene	17.14	178	113910	4.14	ng	94
25) Fluoranthene	19.09	202	122546	3.49	ng	99
27) Benzidine	19.29	184	40642	4.95	ng	# 89
28) Pyrene	19.47	202	126066	4.09	ng	100
30) Benzo(a)anthracene	21.21	228	135512	4.74	ng	96
31) 3,3'-Dichlorobenzidine	21.16	252	36977	2.22	ng	# 86
32) Chrysene	21.27	228	90774	1.58	ng	95
33) Bis(2-ethylhexyl)phthalate	21.12	149	95183	4.44	ng	# 100
34) Indeno(1,2,3-cd)pyrene	25.67	276	109346	4.15	ng	100
36) Benzo(b)fluoranthene	22.79	252	140886	5.62	ng	96
37) Benzo(k)fluoranthene	22.83	252	99057	3.93	ng	96
38) Benzo(a)pyrene	23.35	252	97721	4.26	ng	95
39) Dibenzo(a,h)anthracene	25.68	278	86700	4.36	ng	97
40) Benzo(g,h,i)perylene	26.36	276	93471	4.27	ng	98

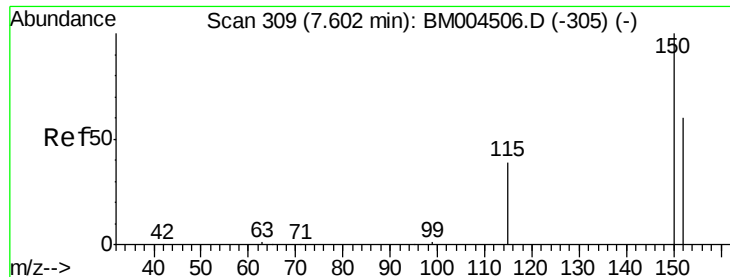
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030116\
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.60 min Scan# 309

Delta R.T. -0.00 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

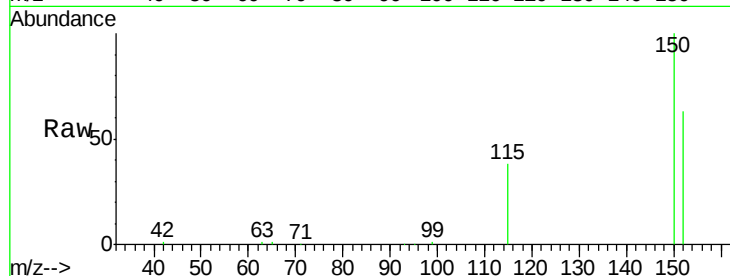
Tgt Ion:152 Resp: 20936

Ion Ratio Lower Upper

152 100

150 159.2 132.4 198.6

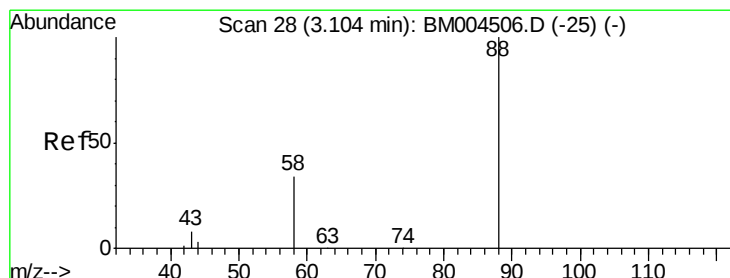
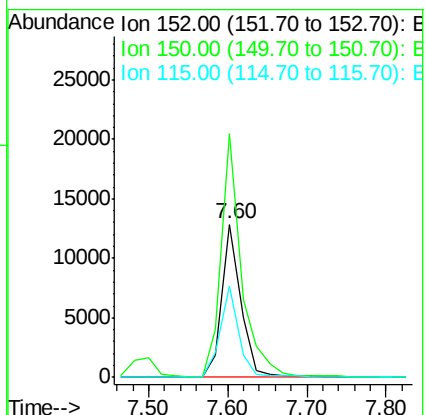
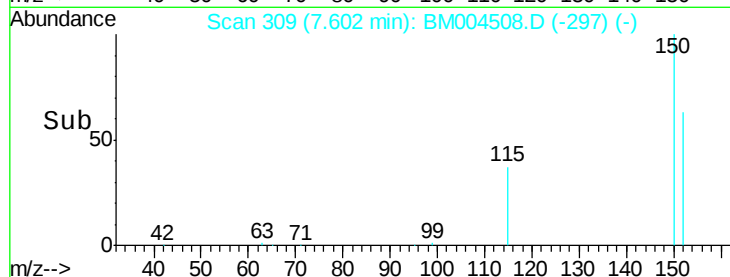
115 60.0 51.4 77.2



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: 3.87 ng

RT: 3.10 min Scan# 28

Delta R.T. -0.00 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

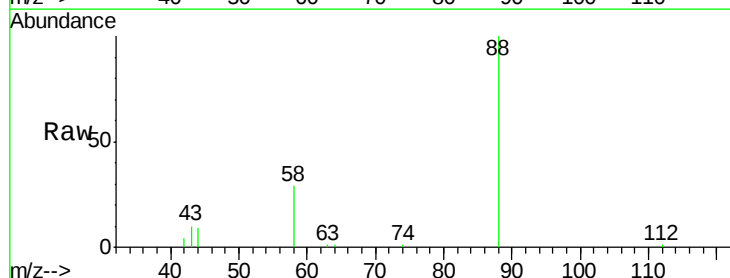
Tgt Ion: 88 Resp: 9274

Ion Ratio Lower Upper

88 100

58 69.1 53.1 79.7

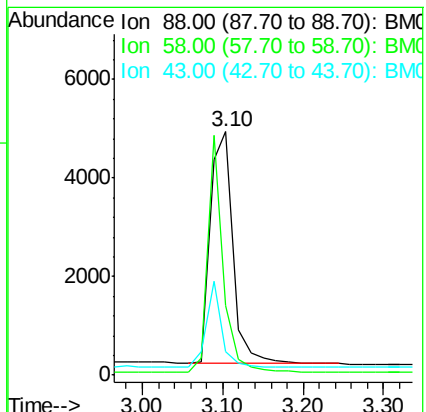
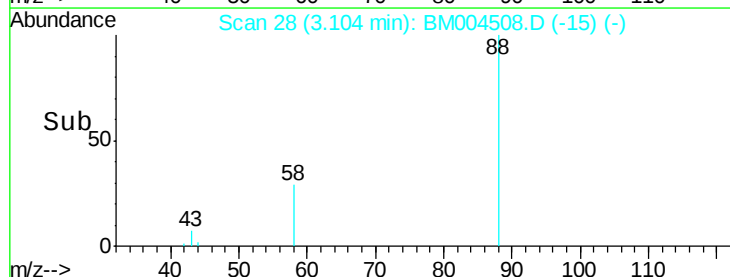
43 25.8 21.6 32.4

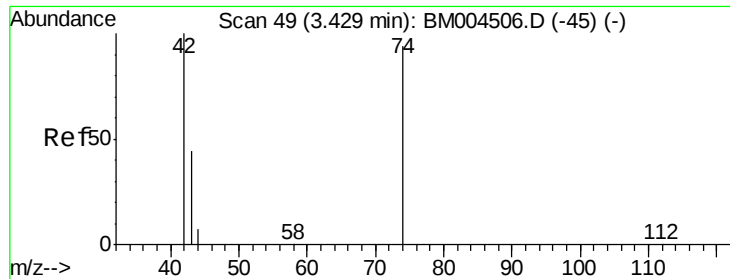


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 3.92 ng

RT: 3.41 min Scan# 48

Delta R.T. -0.02 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

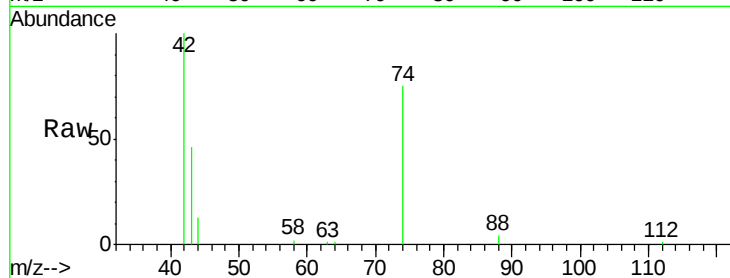
Tgt Ion: 42 Resp: 8046

Ion Ratio Lower Upper

42 100

74 147.5 119.4 179.0

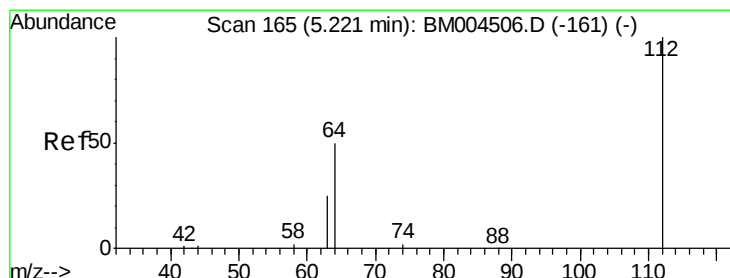
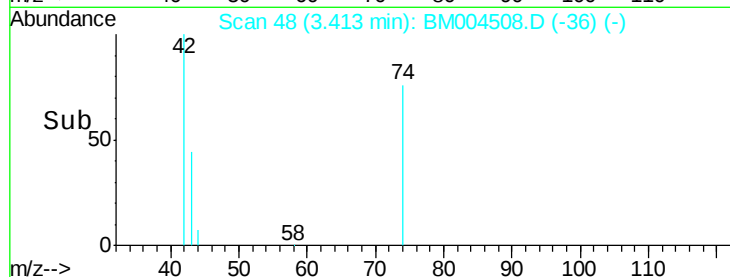
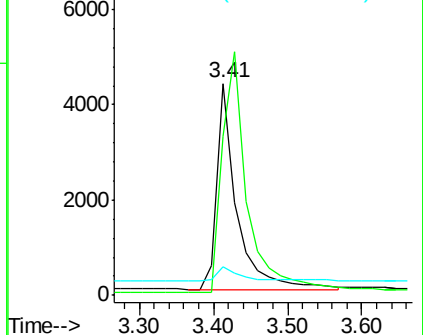
44 6.9 7.2 10.8#



Abundance Ion 42.00 (41.70 to 42.70): BM004508.D (-45) (-)

Ion 74.00 (73.70 to 74.70): BM004508.D (-45) (-)

Ion 44.00 (43.70 to 44.70): BM004508.D (-45) (-)



#4

2-Fluorophenol

Concen: 4.87 ng

RT: 5.21 min Scan# 164

Delta R.T. -0.02 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

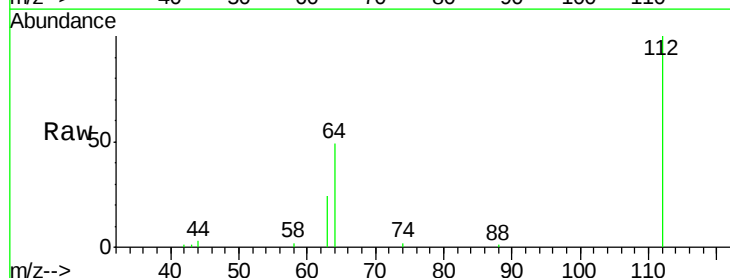
Tgt Ion: 112 Resp: 23516

Ion Ratio Lower Upper

112 100

64 48.7 36.5 54.7

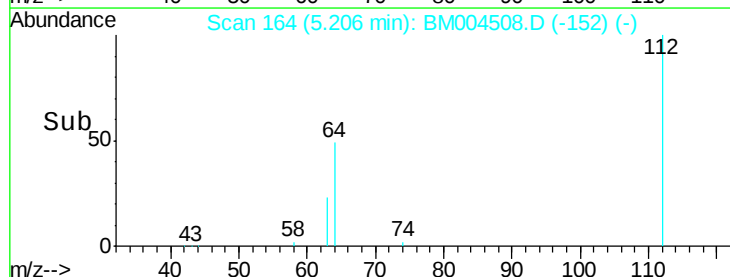
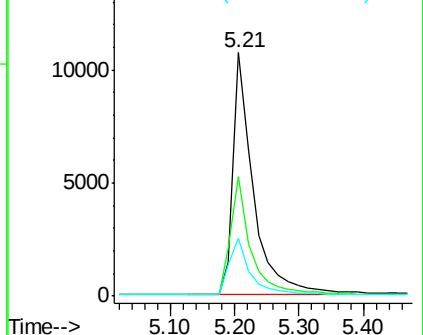
63 24.5 18.6 28.0

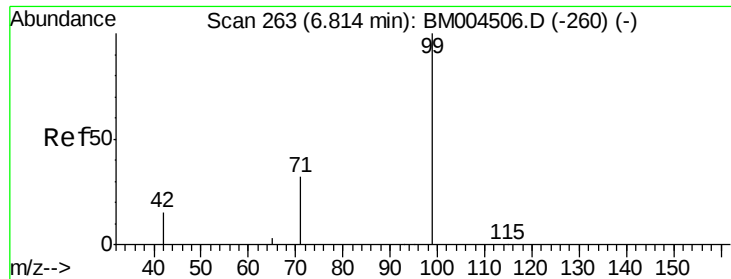


Abundance Ion 112.00 (111.70 to 112.70): BM004508.D (-161) (-)

Ion 64.00 (63.70 to 64.70): BM004508.D (-161) (-)

Ion 63.00 (62.70 to 63.70): BM004508.D (-161) (-)





#5

Phenol-d6

Concen: 5.32 ng

RT: 6.80 min Scan# 262

Delta R.T. -0.02 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

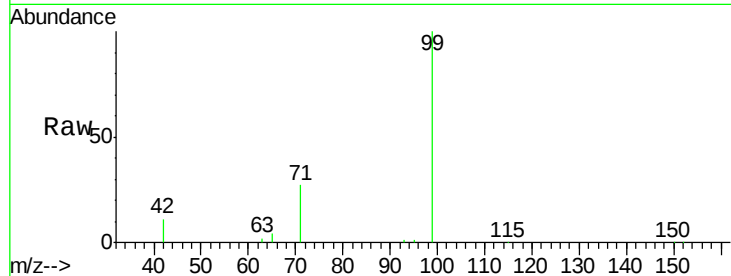
Tgt Ion: 99 Resp: 28867

Ion Ratio Lower Upper

99 100

42 15.5 12.8 19.2

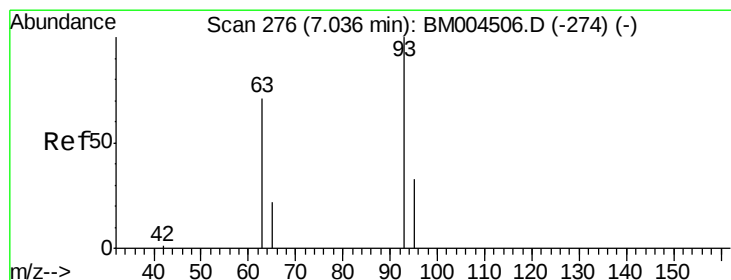
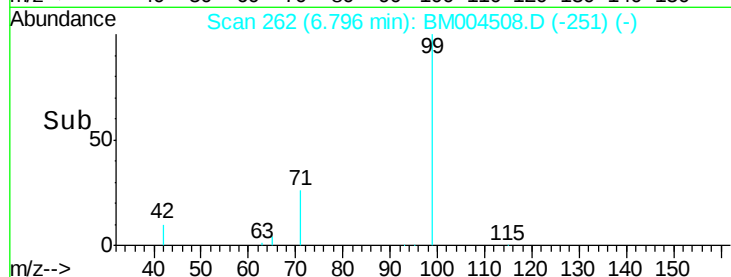
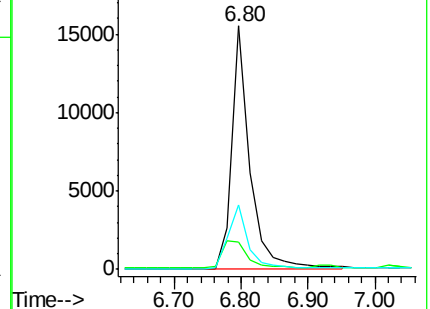
71 29.0 23.5 35.3



Abundance Ion 99.00 (98.70 to 99.70): BM004508.D (-260) (-)

Ion 42.00 (41.70 to 42.70): BM004508.D (-260) (-)

Ion 71.00 (70.70 to 71.70): BM004508.D (-260) (-)



#6

bis(2-Chloroethyl)ether

Concen: 4.27 ng

RT: 7.04 min Scan# 276

Delta R.T. -0.00 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

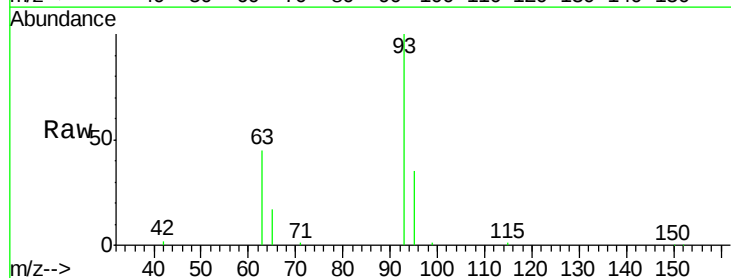
Tgt Ion: 93 Resp: 24158

Ion Ratio Lower Upper

93 100

63 68.5 50.0 75.0

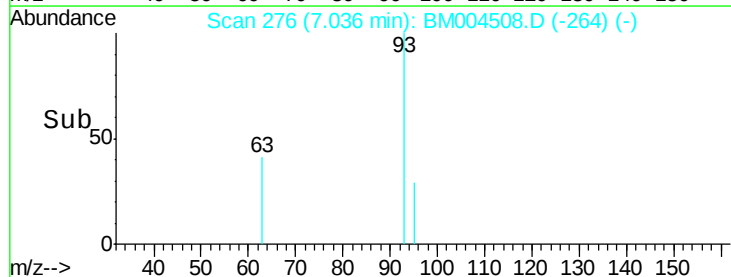
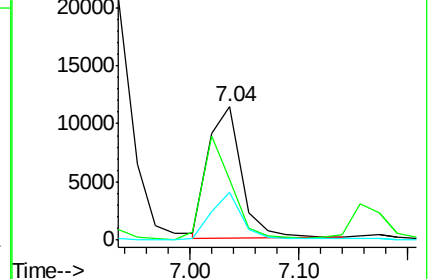
95 32.5 25.3 37.9

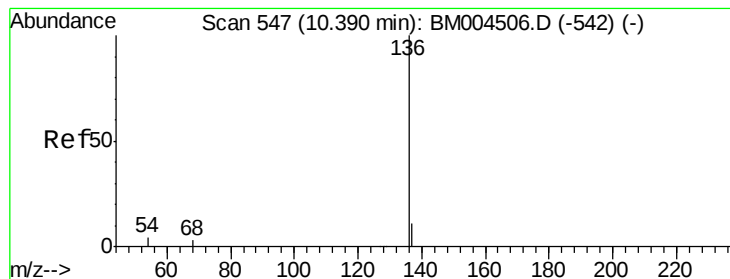


Abundance Ion 93.00 (92.70 to 93.70): BM004508.D (-274) (-)

Ion 63.00 (62.70 to 63.70): BM004508.D (-274) (-)

Ion 95.00 (94.70 to 95.70): BM004508.D (-274) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.37 min Scan# 546

Delta R.T. -0.02 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Tgt Ion:136 Resp: 80972

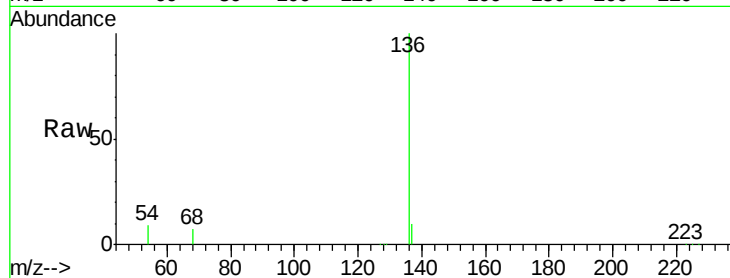
Ion Ratio Lower Upper

136 100

137 10.0 9.1 13.7

54 9.2 3.0 4.6#

68 6.9 2.7 4.1#

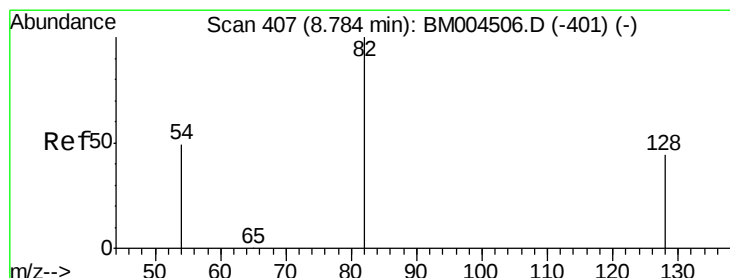
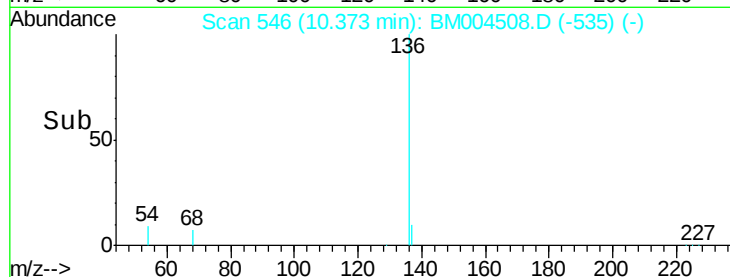
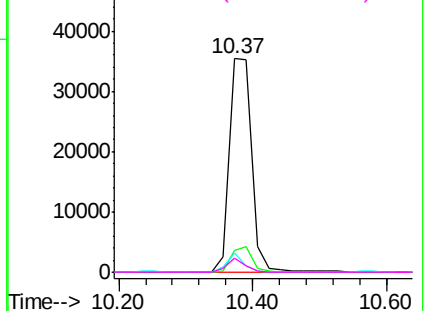


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#8

Nitrobenzene-d5

Concen: 5.28 ng

RT: 8.76 min Scan# 405

Delta R.T. -0.02 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

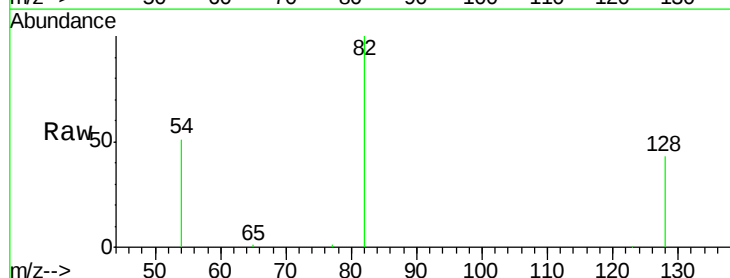
Tgt Ion: 82 Resp: 21497

Ion Ratio Lower Upper

82 100

128 42.6 36.6 55.0

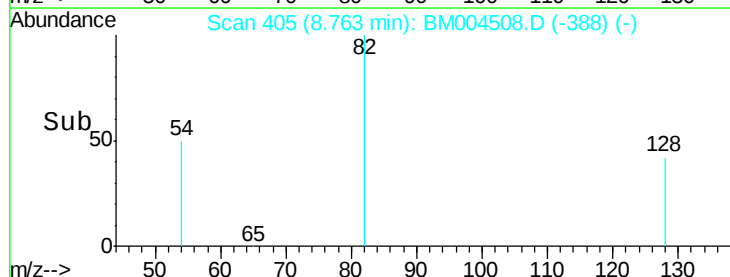
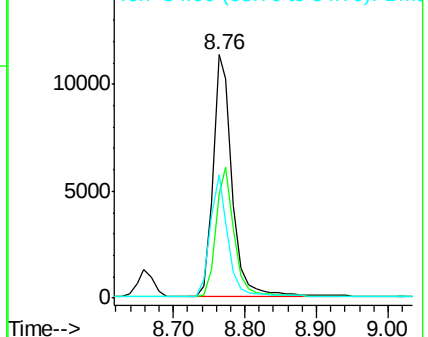
54 50.6 41.0 61.6

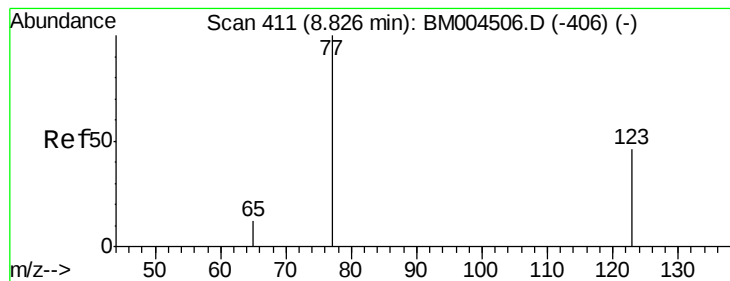


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 4.58 ng

RT: 8.81 min Scan# 409

Delta R.T. -0.02 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

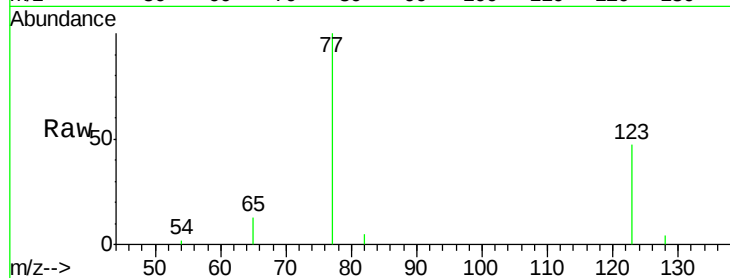
Tgt Ion: 77 Resp: 24693

Ion Ratio Lower Upper

77 100

123 53.9 42.3 63.5

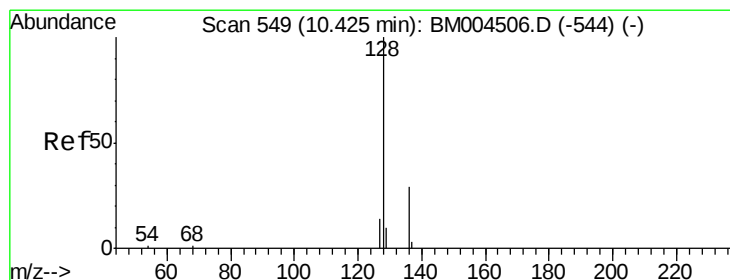
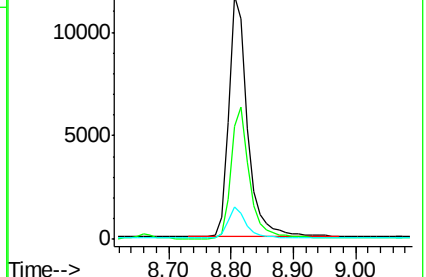
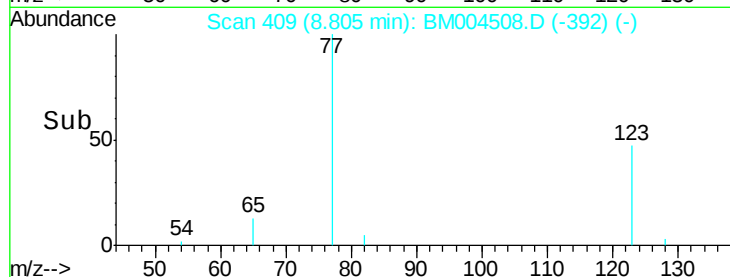
65 12.5 10.1 15.1



Abundance Ion 77.00 (76.70 to 77.70): BM004506.D (-406) (-)

Ion 123.00 (122.70 to 123.70): BM004506.D (-406) (-)

Ion 65.00 (64.70 to 65.70): BM004506.D (-406) (-)



#10

Naphthalene

Concen: 3.74 ng

RT: 10.42 min Scan# 549

Delta R.T. -0.00 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

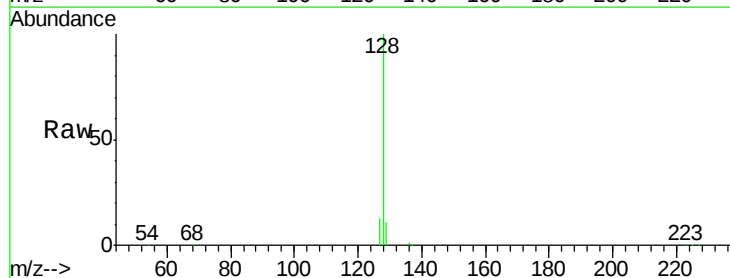
Tgt Ion: 128 Resp: 92877

Ion Ratio Lower Upper

128 100

129 10.6 8.6 12.8

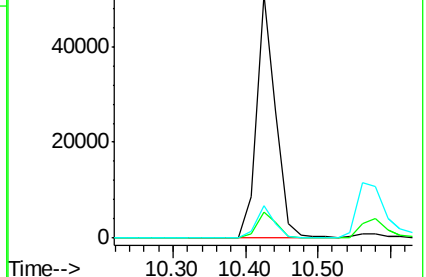
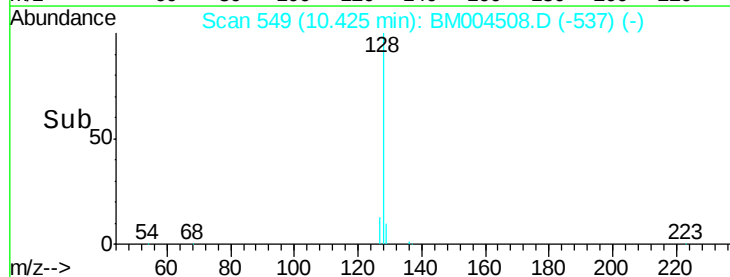
127 13.4 11.8 17.6

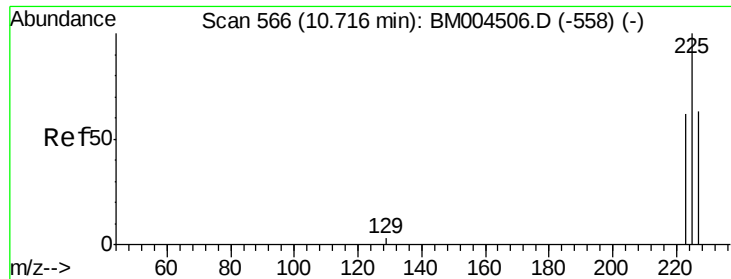


Abundance Ion 128.00 (127.70 to 128.70): BM004506.D (-544) (-)

Ion 129.00 (128.70 to 129.70): BM004506.D (-544) (-)

Ion 127.00 (126.70 to 127.70): BM004506.D (-544) (-)

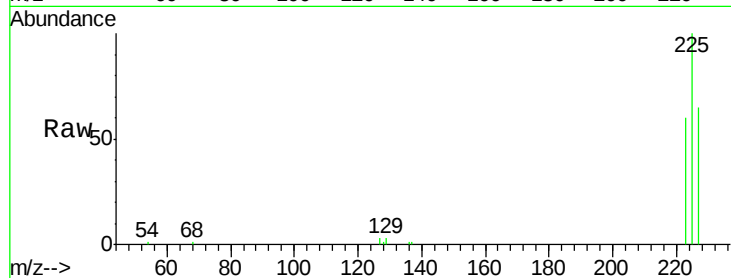




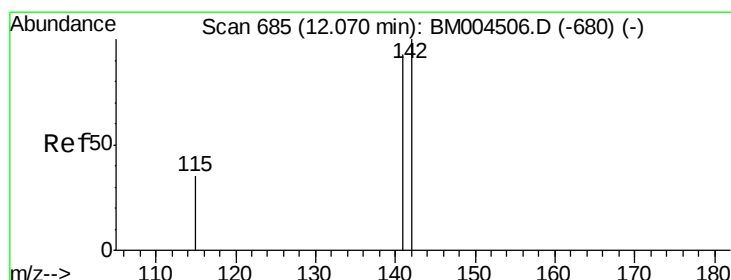
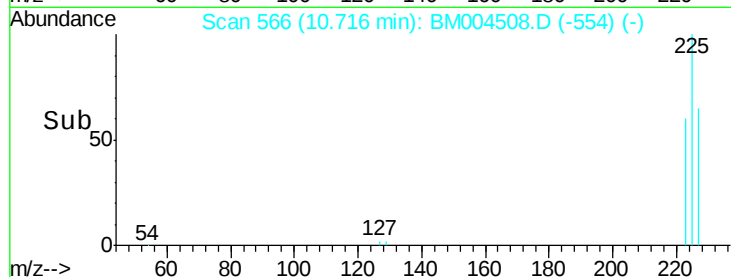
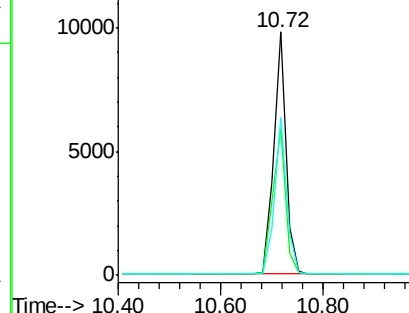
#11
Hexachlorobutadiene
Concen: 4.41 ng
RT: 10.72 min Scan# 566
Delta R.T. -0.00 min
Lab File: BM004508.D
Acq: 02 Mar 2016 01:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC005

Tgt Ion: 225 Resp: 16094
Ion Ratio Lower Upper
225 100
223 62.9 50.9 76.3
227 63.5 51.4 77.2

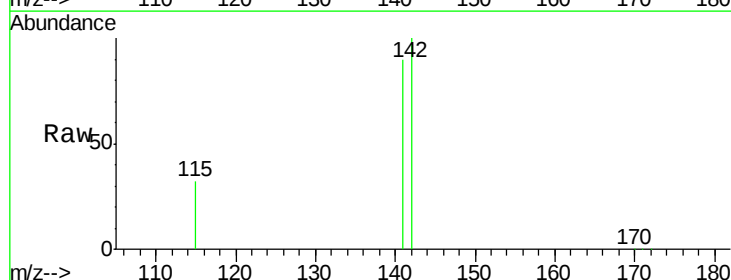


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

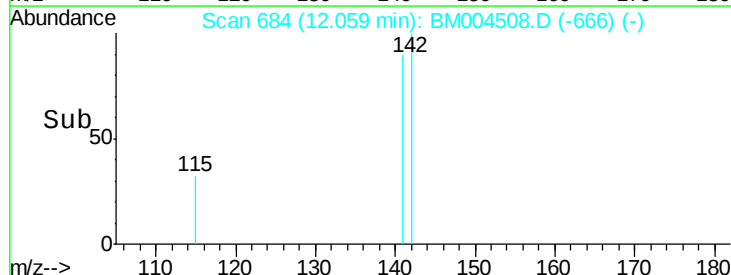
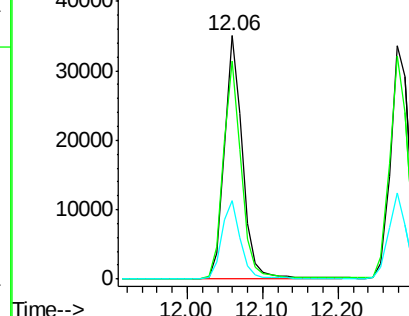


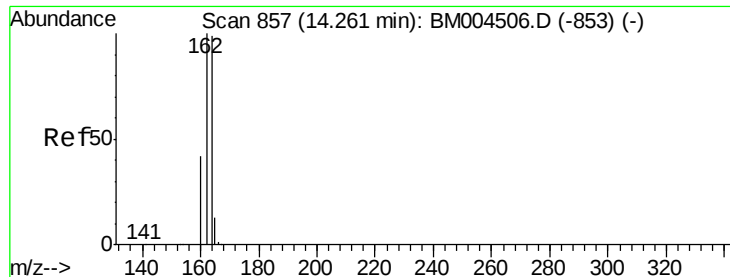
#12
2-Methylnaphthalene
Concen: 4.32 ng
RT: 12.06 min Scan# 684
Delta R.T. -0.01 min
Lab File: BM004508.D
Acq: 02 Mar 2016 01:19

Tgt Ion: 142 Resp: 59211
Ion Ratio Lower Upper
142 100
141 89.6 73.9 110.9
115 32.5 28.8 43.2



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





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. -0.00 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

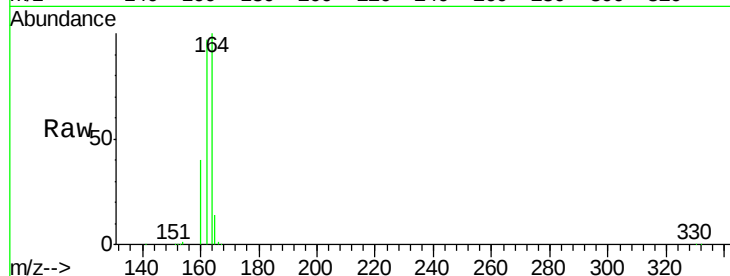
Tgt Ion:164 Resp: 41135

Ion Ratio Lower Upper

164 100

162 97.4 81.2 121.8

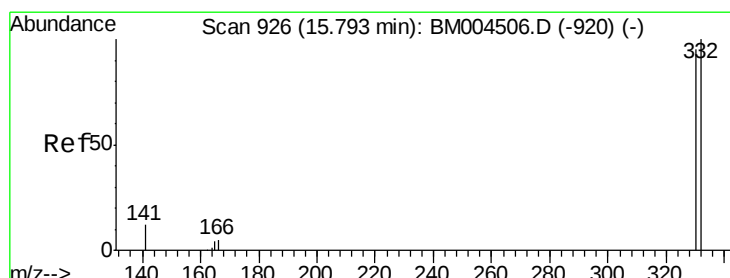
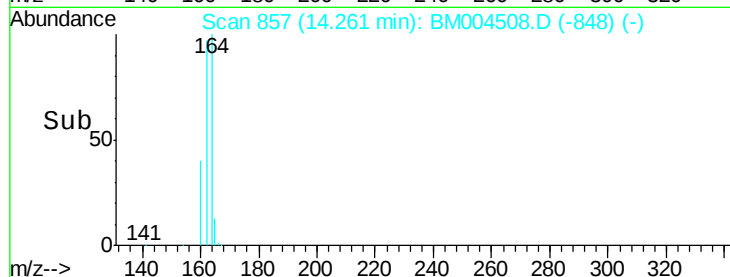
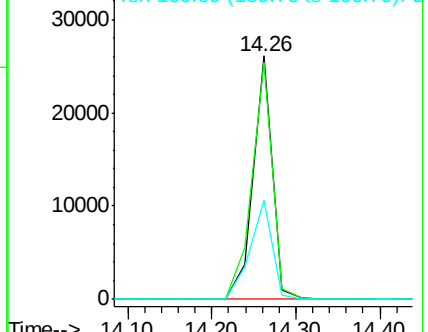
160 40.4 34.2 51.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 4.76 ng

RT: 15.77 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

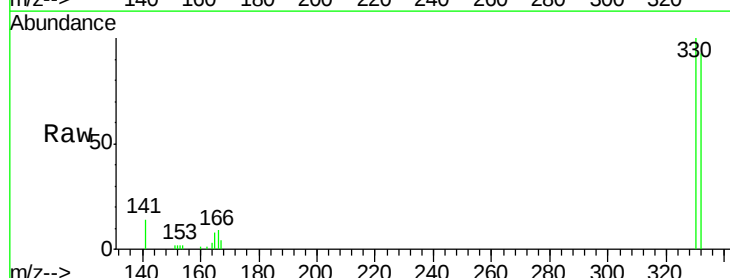
Tgt Ion:330 Resp: 7286

Ion Ratio Lower Upper

330 100

332 95.2 78.8 118.2

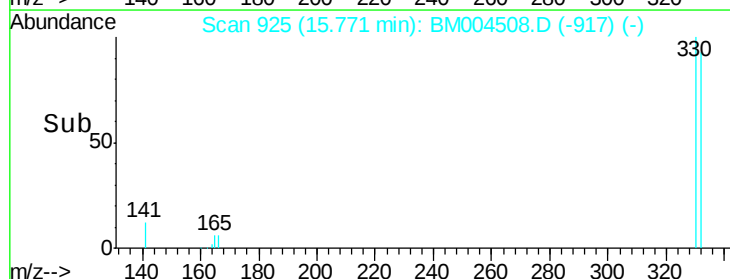
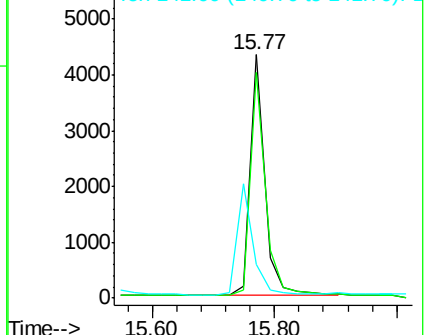
141 0.0 0.0 0.0

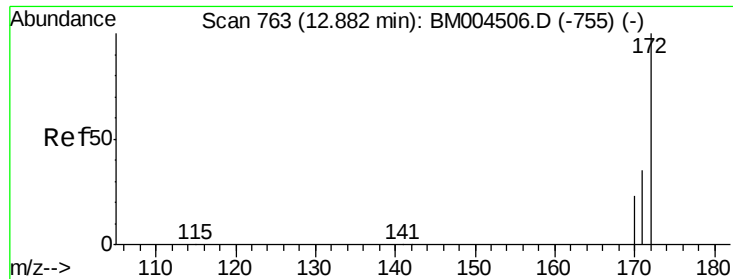


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

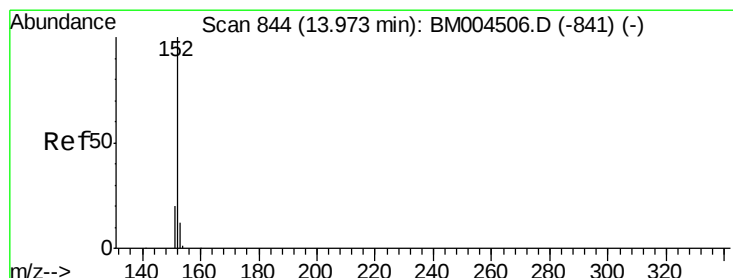
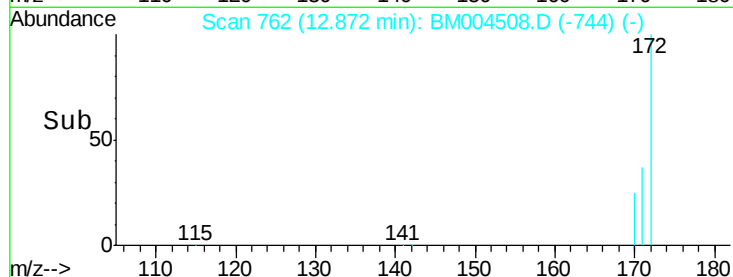
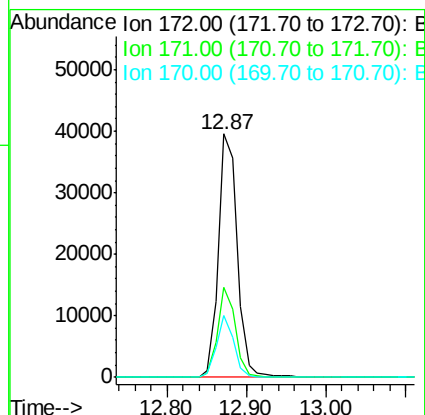
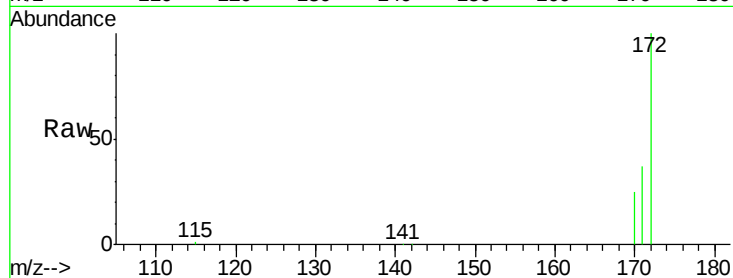




#15
2-Fluorobiphenyl
Concen: 5.16 ng
RT: 12.87 min Scan# 762
Delta R.T. -0.01 min
Lab File: BM004508.D
Acq: 02 Mar 2016 01:19

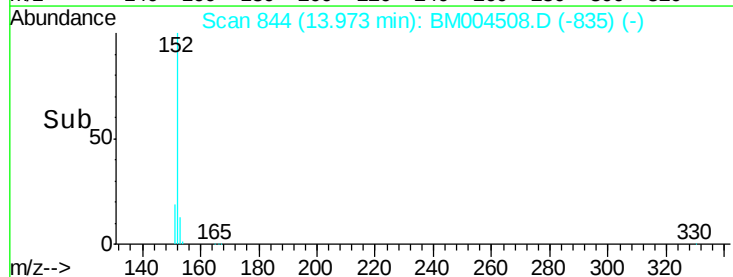
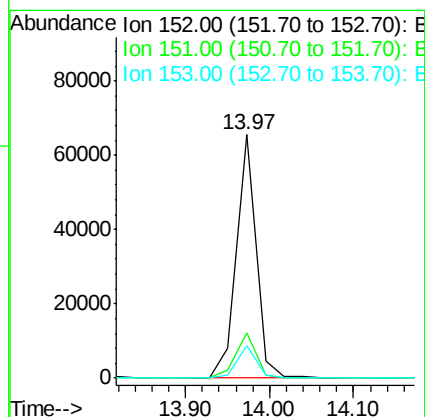
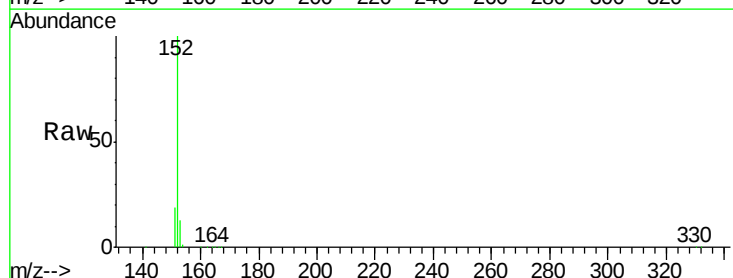
Instrument :
BNA_F
ClientSampleId :
SSTDIC005

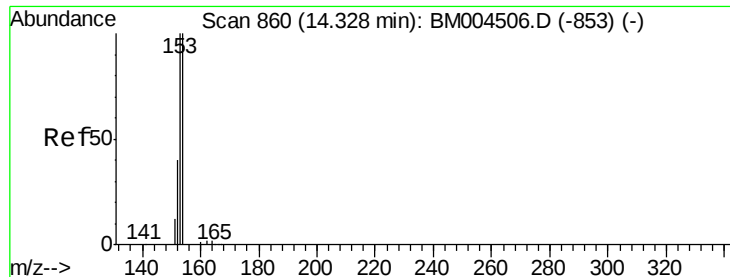
Tgt Ion:172 Resp: 64840
Ion Ratio Lower Upper
172 100
171 36.7 28.6 42.8
170 25.4 18.7 28.1



#16
Acenaphthylene
Concen: 4.58 ng
RT: 13.97 min Scan# 844
Delta R.T. -0.00 min
Lab File: BM004508.D
Acq: 02 Mar 2016 01:19

Tgt Ion:152 Resp: 104806
Ion Ratio Lower Upper
152 100
151 19.1 15.7 23.5
153 13.2 10.2 15.4

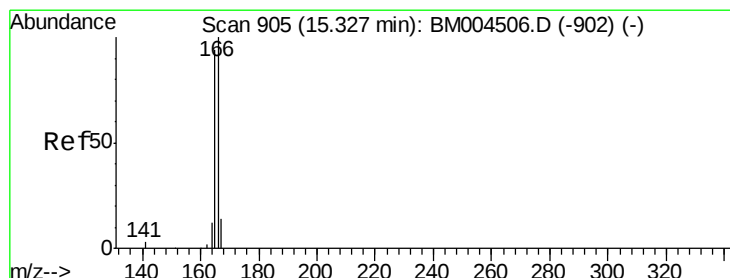
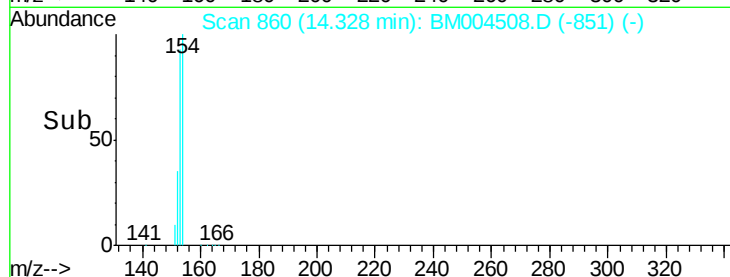
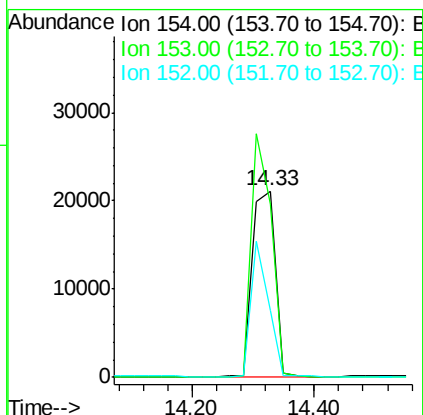
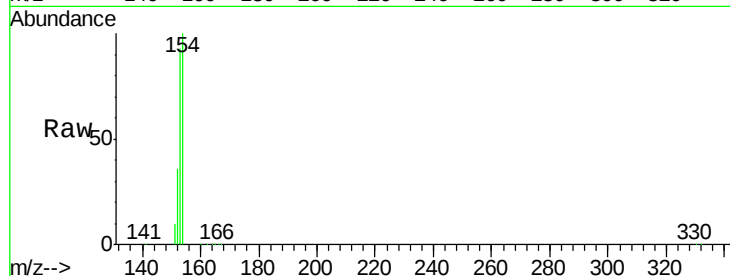




#17
Acenaphthene
Concen: 3.71 ng
RT: 14.33 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM004508.D
Acq: 02 Mar 2016 01:19

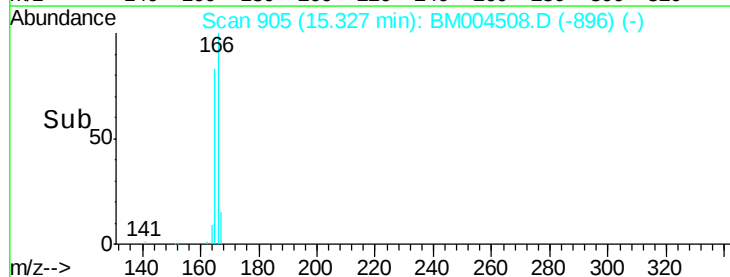
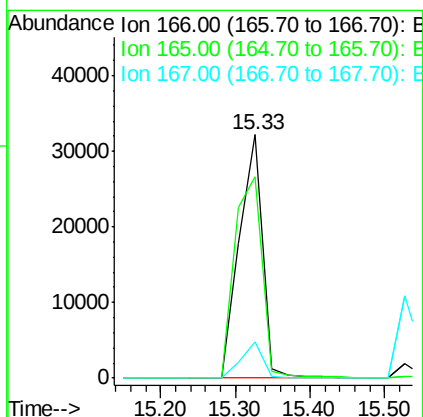
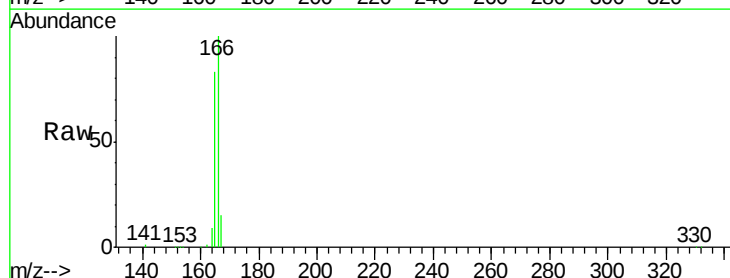
Instrument :
BNA_F
ClientSampleId :
SSTDIC005

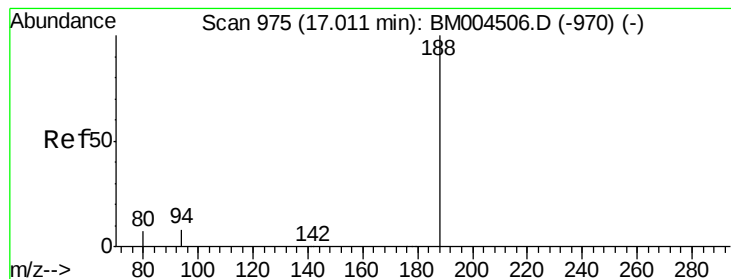
Tgt Ion:154 Resp: 55648
Ion Ratio Lower Upper
154 100
153 0.0 88.2 132.4#
152 0.0 41.0 61.6#



#18
Fluorene
Concen: 3.77 ng
RT: 15.33 min Scan# 905
Delta R.T. -0.00 min
Lab File: BM004508.D
Acq: 02 Mar 2016 01:19

Tgt Ion:166 Resp: 68884
Ion Ratio Lower Upper
166 100
165 98.0 77.0 115.6
167 13.6 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 975

Delta R.T. -0.00 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

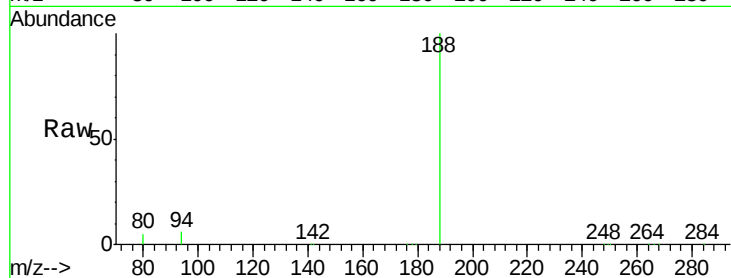
Tgt Ion:188 Resp: 95008

Ion Ratio Lower Upper

188 100

94 5.9 6.2 9.4#

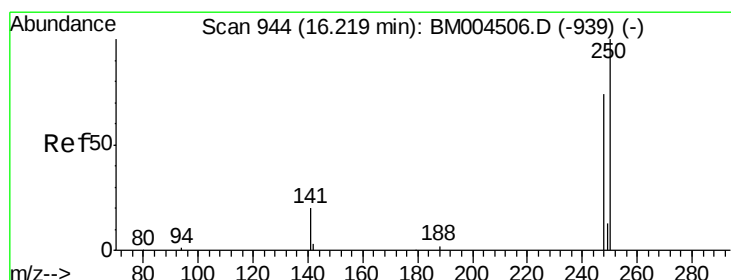
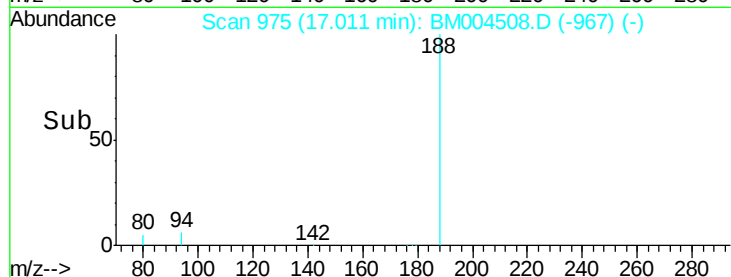
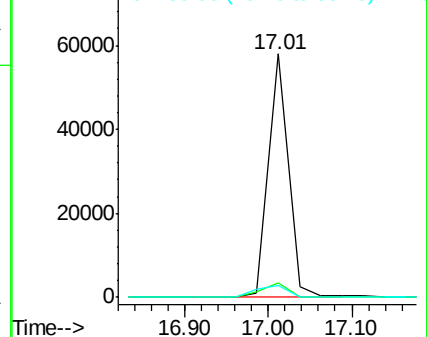
80 5.1 5.7 8.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#20

4-Bromophenyl-phenylether

Concen: 3.79 ng

RT: 16.19 min Scan# 943

Delta R.T. -0.03 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

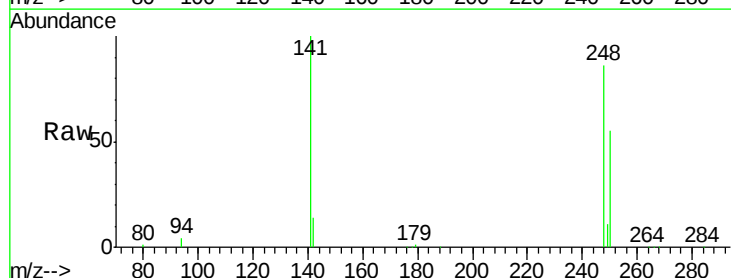
Tgt Ion:248 Resp: 19307

Ion Ratio Lower Upper

248 100

250 83.6 83.7 125.5#

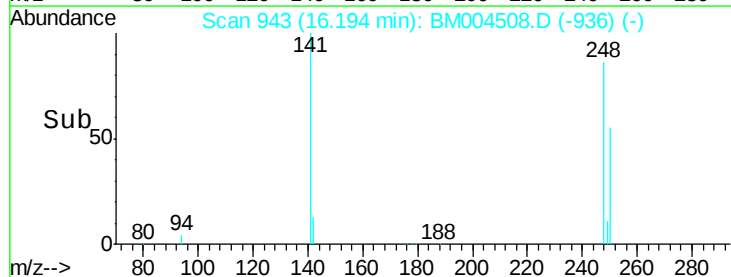
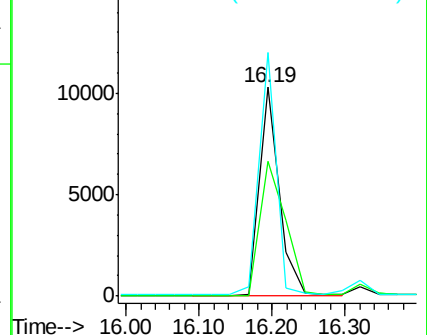
141 101.7 0.0 0.0#

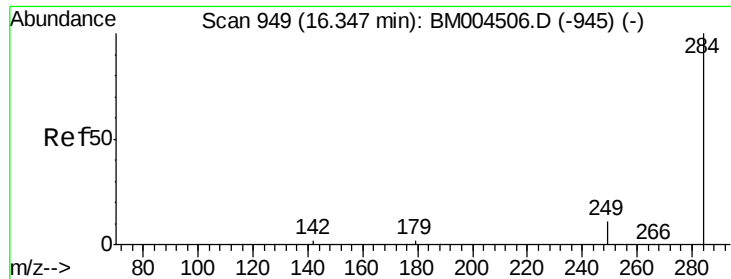


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 2.99 ng

RT: 16.32 min Scan# 948

Delta R.T. -0.03 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

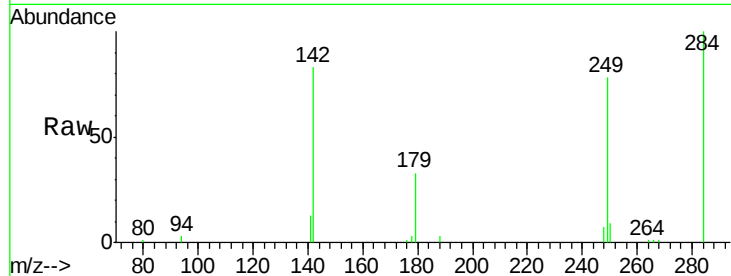
Tgt Ion:284 Resp: 17189

Ion Ratio Lower Upper

284 100

142 51.2 0.0 0.0#

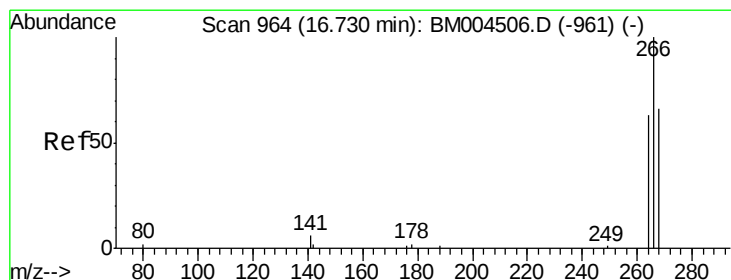
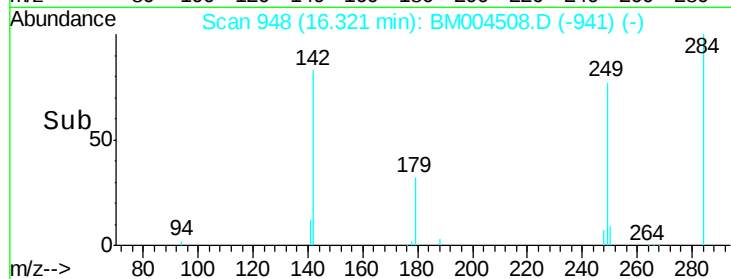
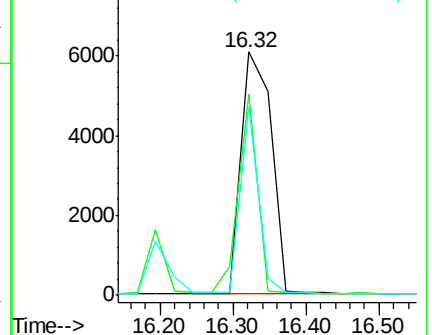
249 45.5 0.0 0.0#



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



#22

Pentachlorophenol

Concen: 3.21 ng

RT: 16.70 min Scan# 963

Delta R.T. -0.03 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

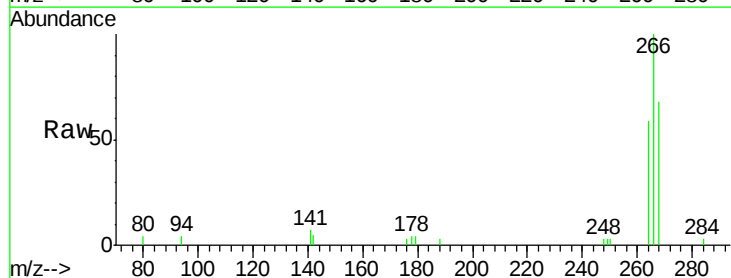
Tgt Ion:266 Resp: 4452

Ion Ratio Lower Upper

266 100

268 68.5 62.1 93.1

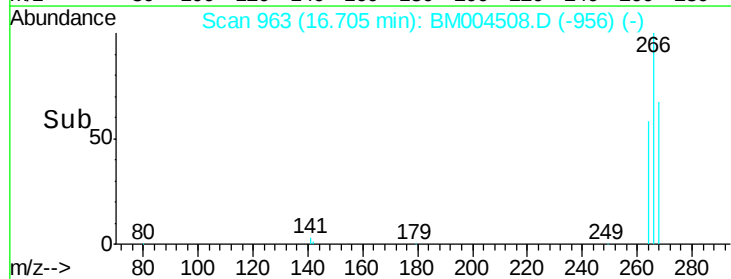
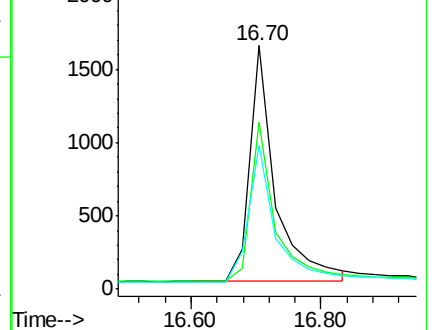
264 59.1 57.9 86.9

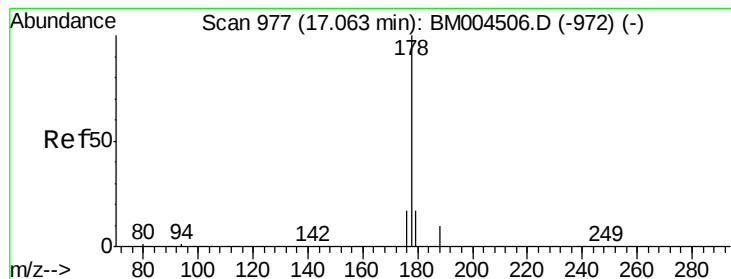


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 3.34 ng

RT: 17.14 min Scan# 980

Delta R.T. 0.08 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

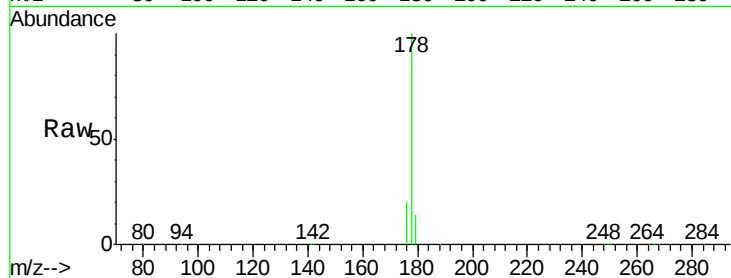
Tgt Ion:178 Resp: 109148

Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

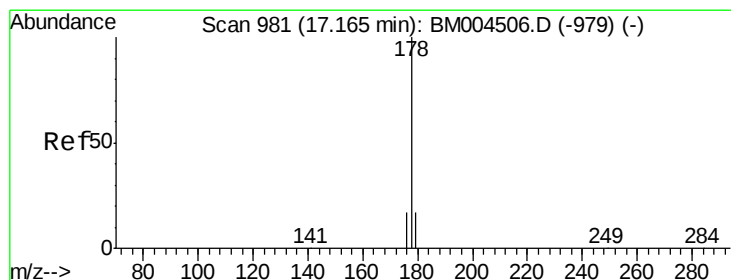
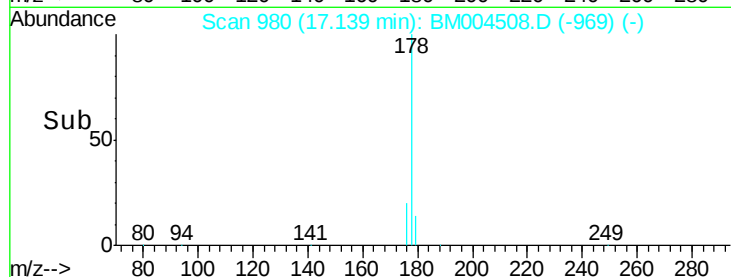
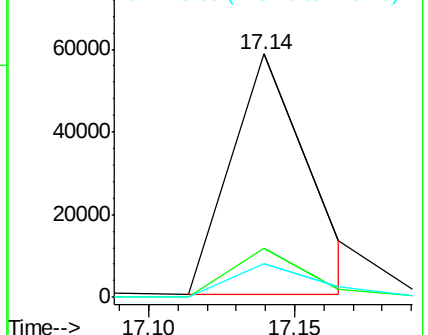
179 14.5 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 4.14 ng

RT: 17.14 min Scan# 980

Delta R.T. -0.03 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

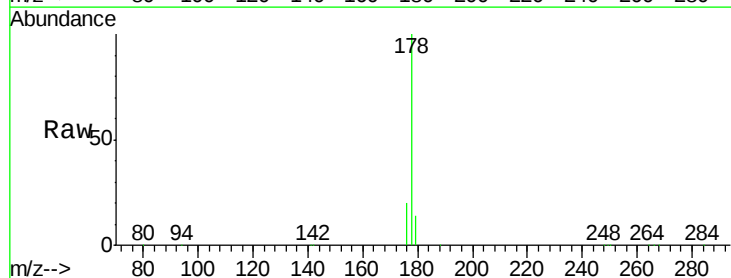
Tgt Ion:178 Resp: 113910

Ion Ratio Lower Upper

178 100

176 19.0 12.7 19.1

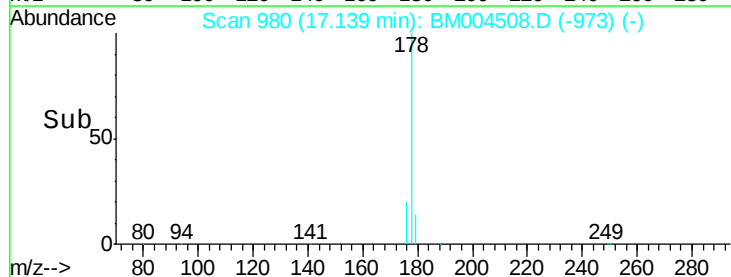
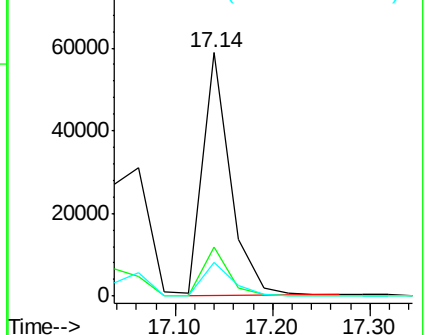
179 14.5 10.4 15.6

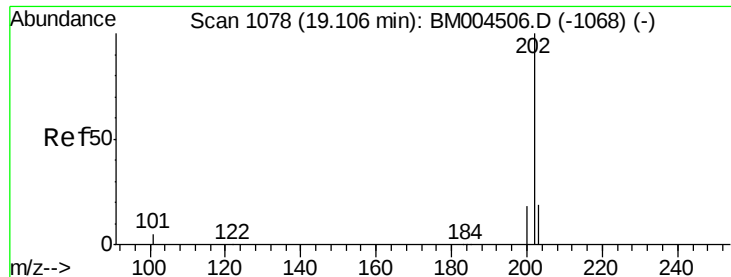


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 3.49 ng

RT: 19.09 min Scan# 1077

Delta R.T. -0.02 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

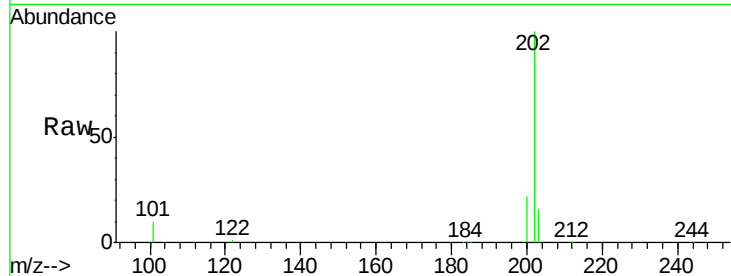
Tgt Ion: 202 Resp: 122546

Ion Ratio Lower Upper

202 100

101 11.9 9.9 14.9

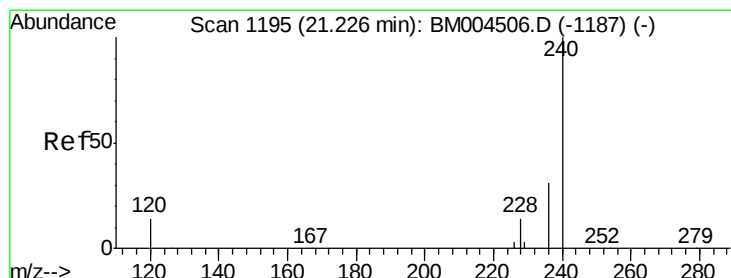
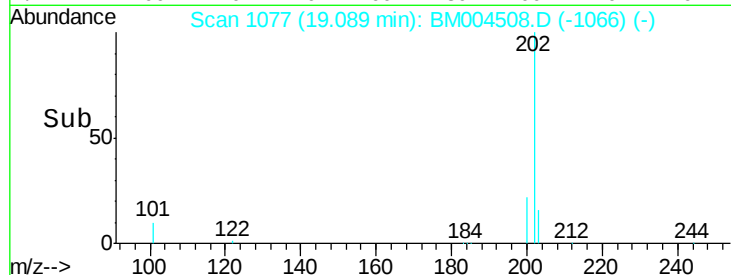
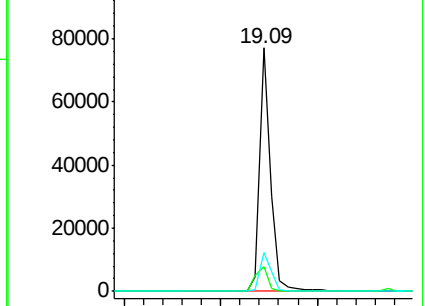
203 17.2 13.8 20.8



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.23 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

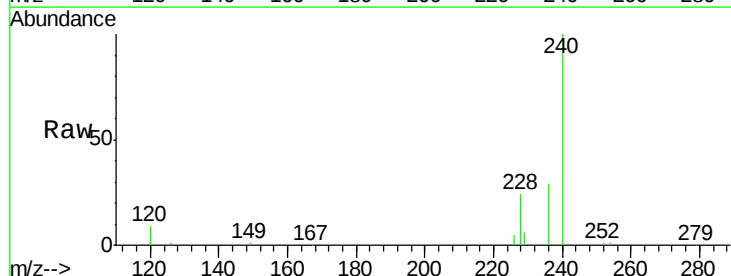
Tgt Ion: 240 Resp: 78224

Ion Ratio Lower Upper

240 100

120 8.8 11.7 17.5#

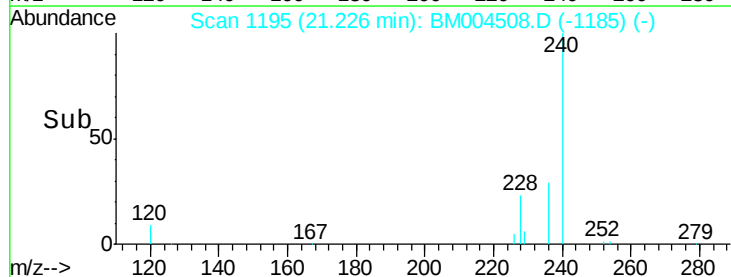
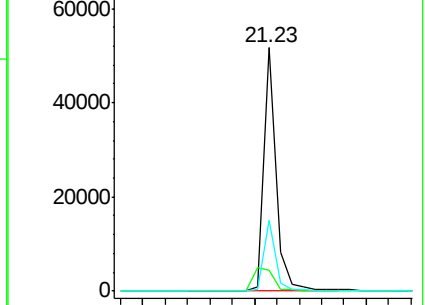
236 29.3 24.8 37.2

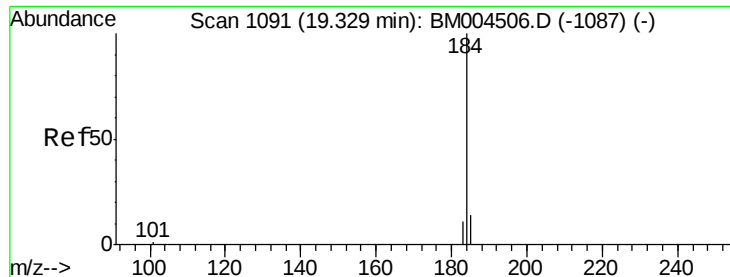


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

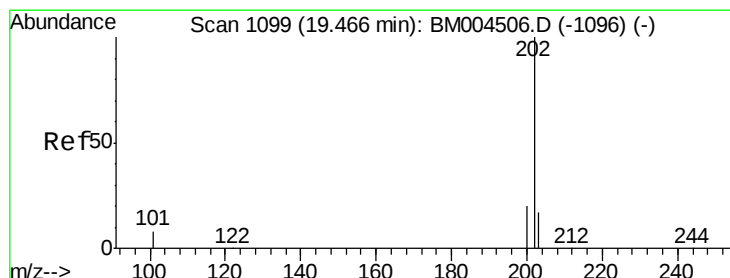
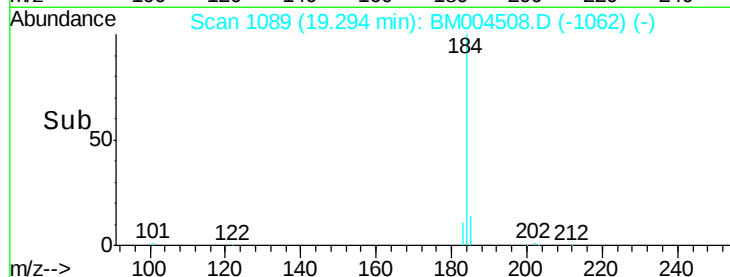
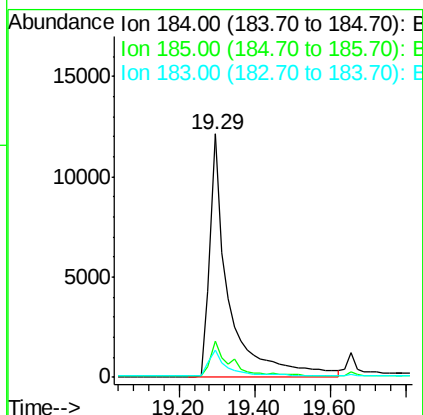
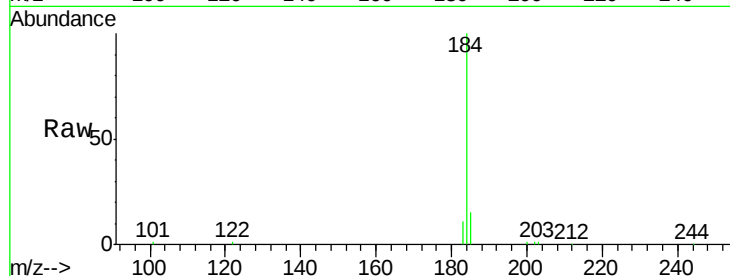




#27
Benzidine
Concen: 4.95 ng
RT: 19.29 min Scan# 1089
Delta R.T. -0.03 min
Lab File: BM004508.D
Acq: 02 Mar 2016 01:19

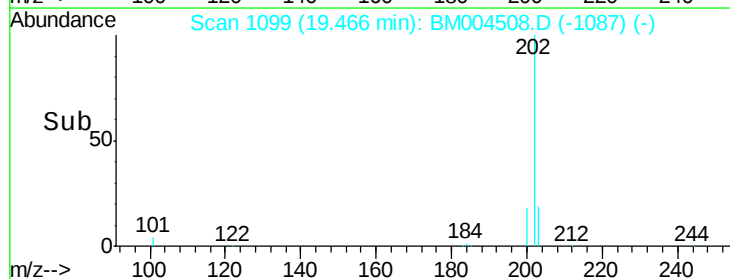
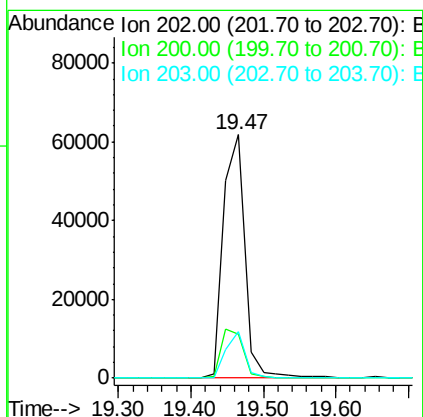
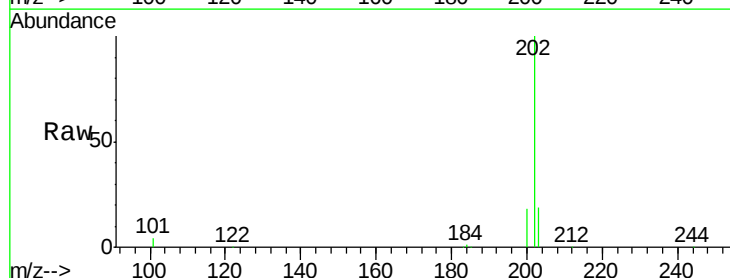
Instrument :
BNA_F
ClientSampleId :
SSTDIC005

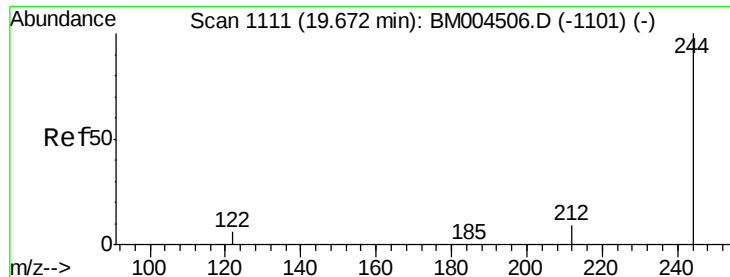
Tgt Ion:184 Resp: 40642
Ion Ratio Lower Upper
184 100
185 14.6 15.4 23.0#
183 11.5 13.3 19.9#



#28
Pyrene
Concen: 4.09 ng
RT: 19.47 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BM004508.D
Acq: 02 Mar 2016 01:19

Tgt Ion:202 Resp: 126066
Ion Ratio Lower Upper
202 100
200 20.9 16.6 25.0
203 17.3 13.8 20.8





#29

Terphenyl-d14

Concen: 5.15 ng

RT: 19.67 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

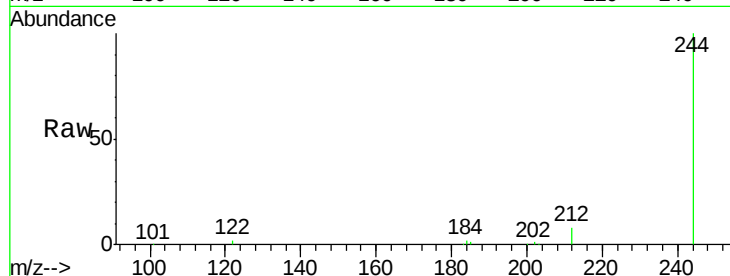
Tgt Ion:244 Resp: 54152

Ion Ratio Lower Upper

244 100

212 7.7 7.5 11.3

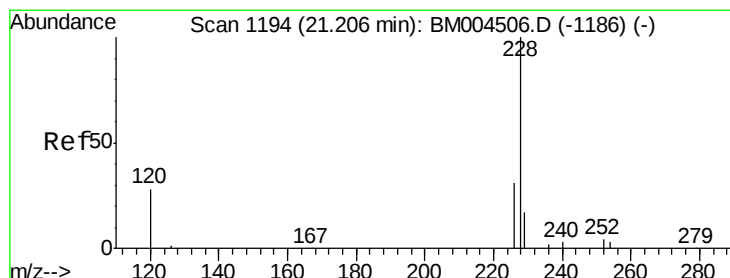
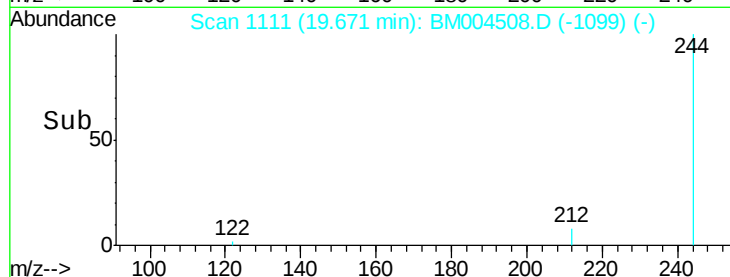
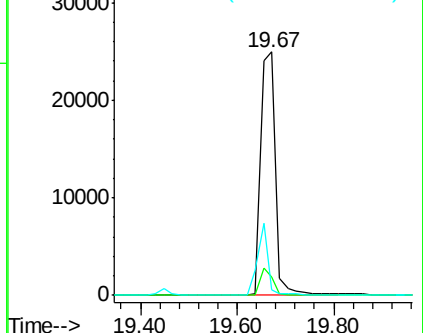
122 2.5 5.4 8.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 4.74 ng

RT: 21.21 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

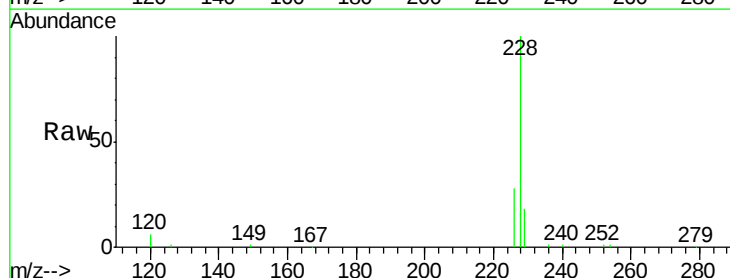
Tgt Ion:228 Resp: 135512

Ion Ratio Lower Upper

228 100

226 28.4 25.2 37.8

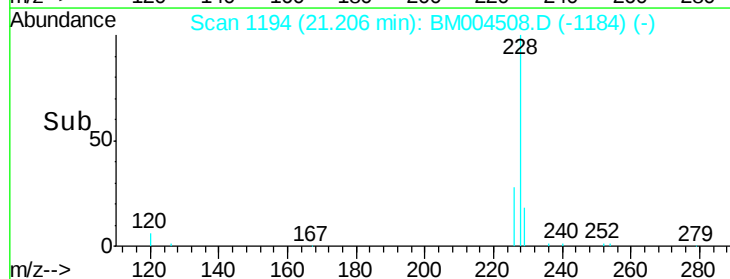
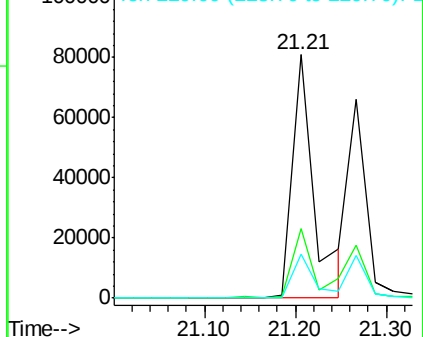
229 17.9 13.9 20.9

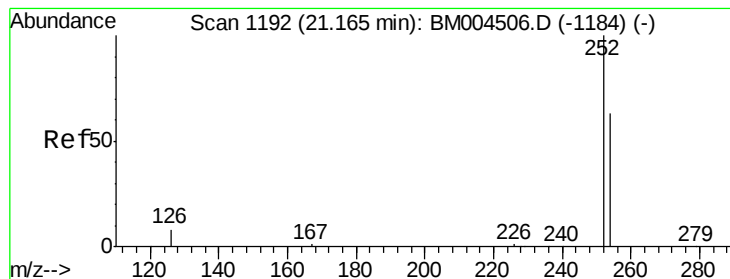


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

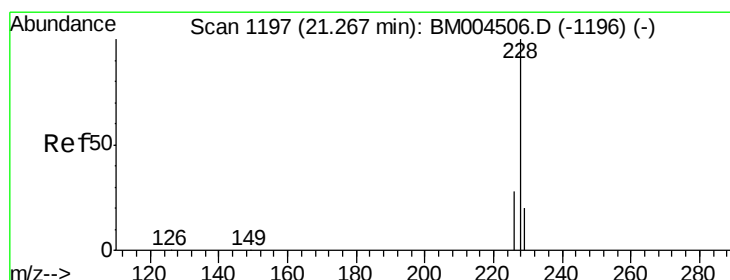
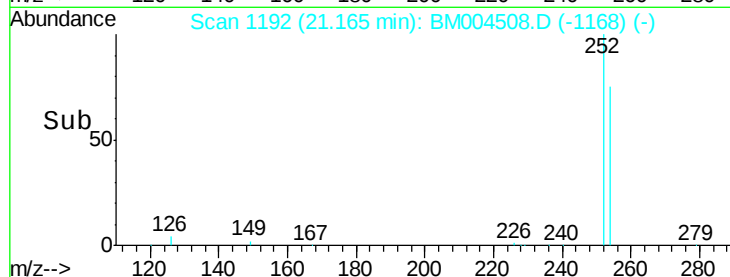
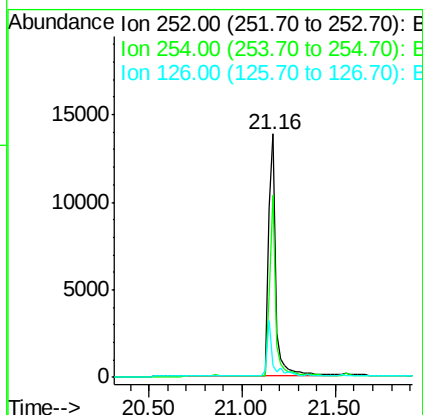
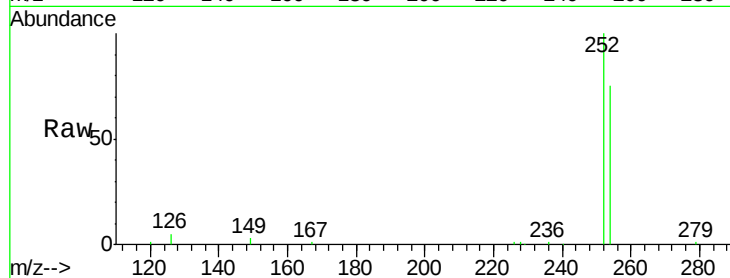




#31
 3,3'-Dichlorobenzidine
 Concen: 2.22 ng
 RT: 21.16 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BM004508.D
 Acq: 02 Mar 2016 01:19

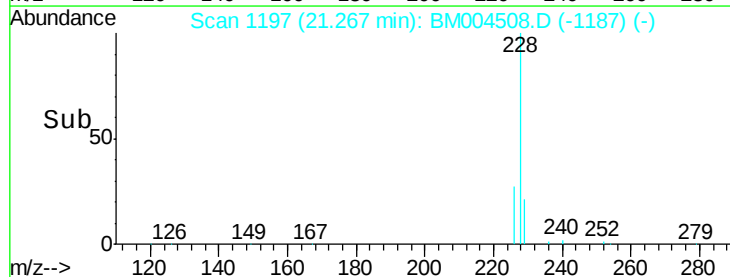
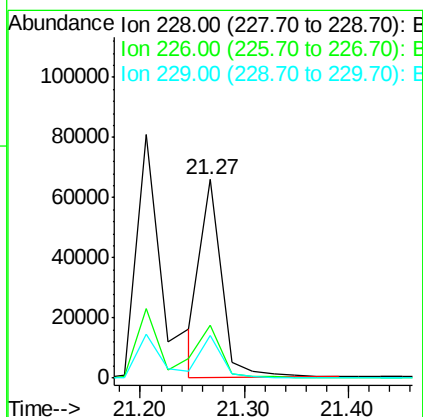
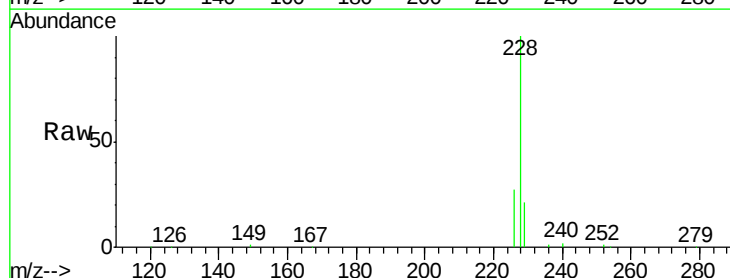
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

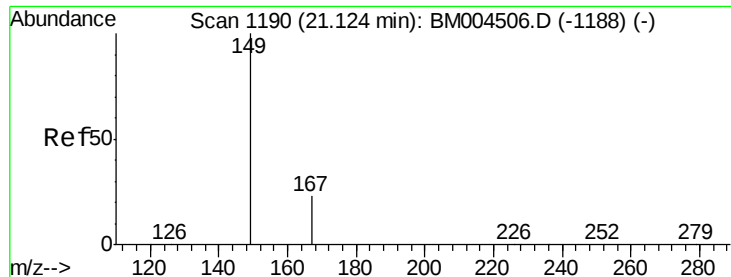
Tgt Ion: 252 Resp: 36977
 Ion Ratio Lower Upper
 252 100
 254 75.1 51.1 76.7
 126 4.7 8.4 12.6#



#32
 Chrysene
 Concen: 1.58 ng
 RT: 21.27 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BM004508.D
 Acq: 02 Mar 2016 01:19

Tgt Ion: 228 Resp: 90774
 Ion Ratio Lower Upper
 228 100
 226 26.6 23.7 35.5
 229 21.3 15.8 23.6





#33

Bis(2-ethylhexyl)phthalate

Concen: 4.44 ng

RT: 21.12 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

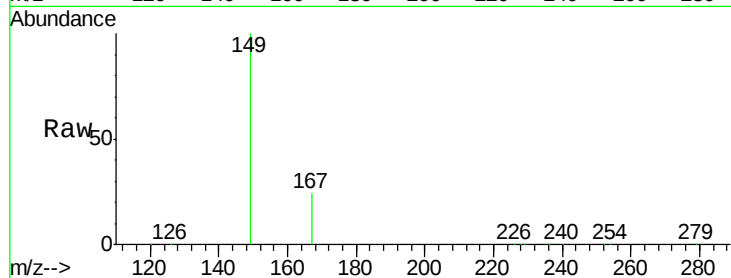
Tgt Ion:149 Resp: 95183

Ion Ratio Lower Upper

149 100

167 24.7 19.9 29.9

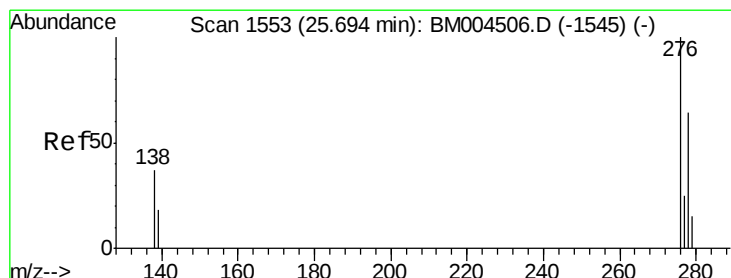
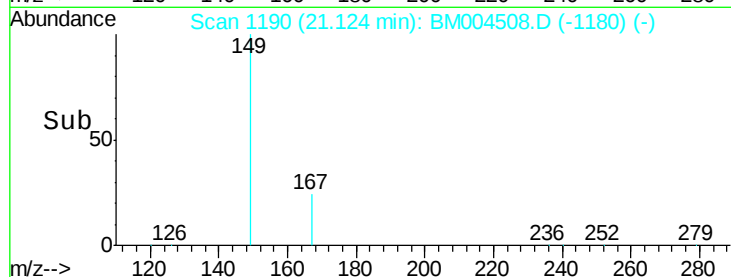
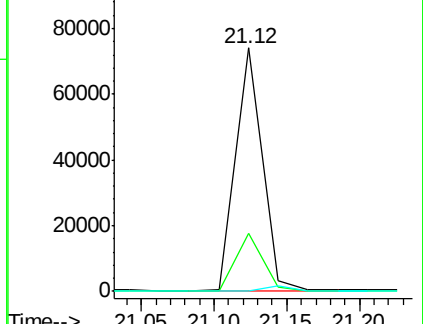
279 0.0 0.0 0.0



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: 4.15 ng

RT: 25.67 min Scan# 1551

Delta R.T. -0.02 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

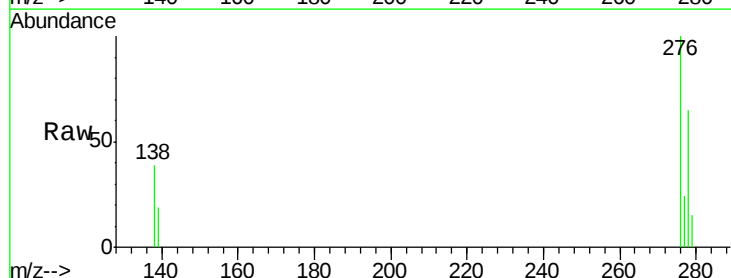
Tgt Ion:276 Resp: 109346

Ion Ratio Lower Upper

276 100

138 38.7 31.0 46.4

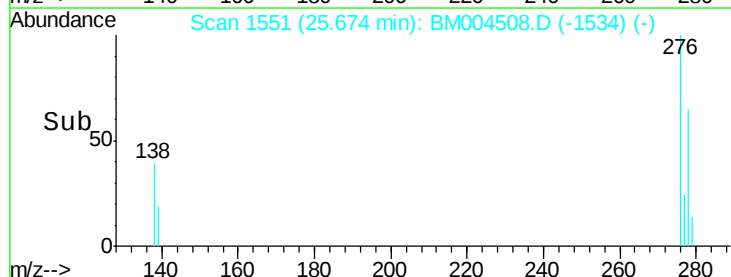
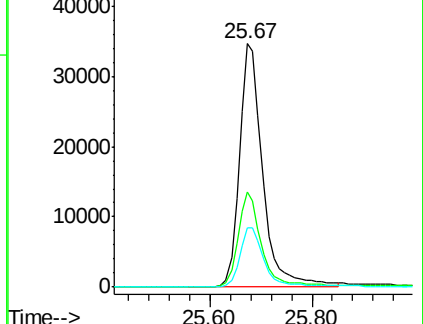
277 24.9 19.9 29.9

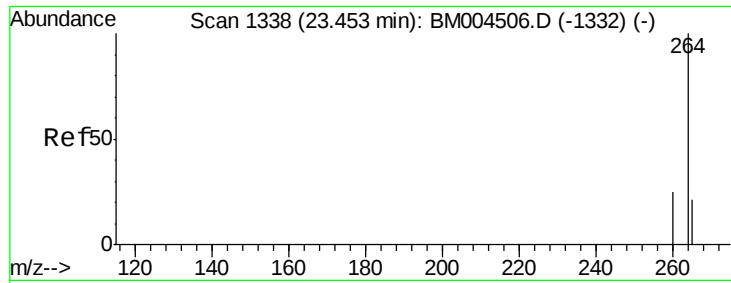


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

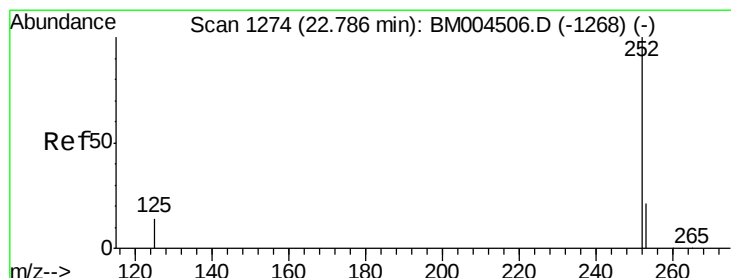
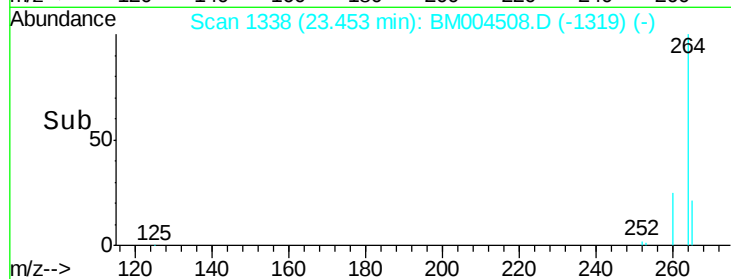
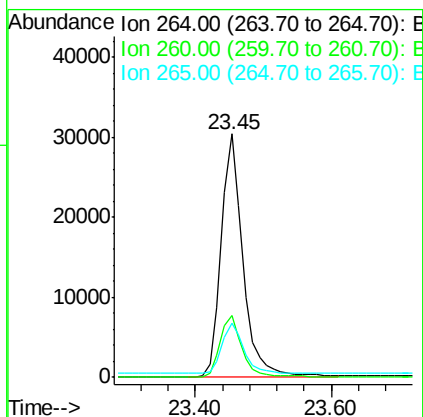
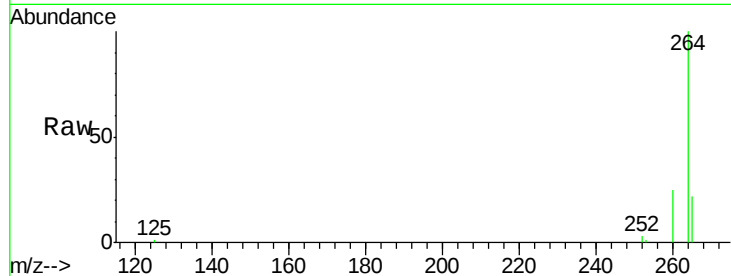




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.45 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BM004508.D
 Acq: 02 Mar 2016 01:19

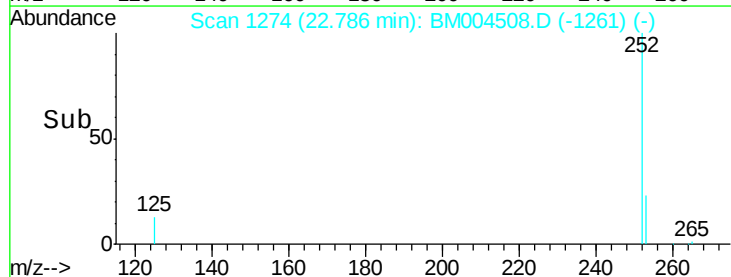
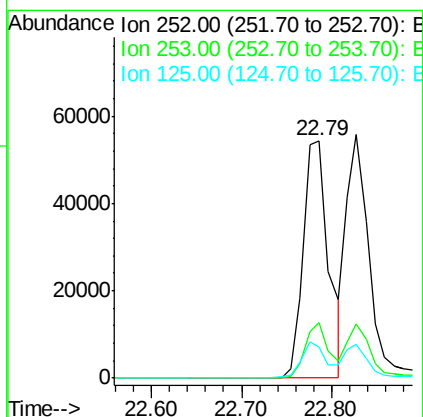
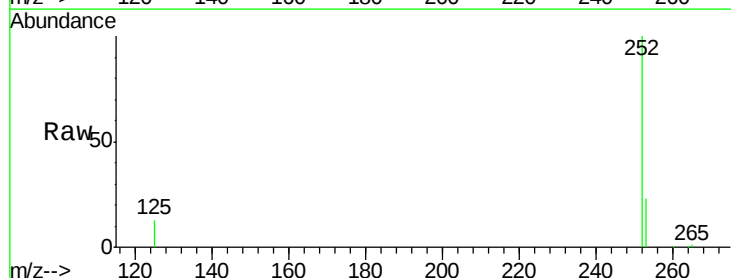
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

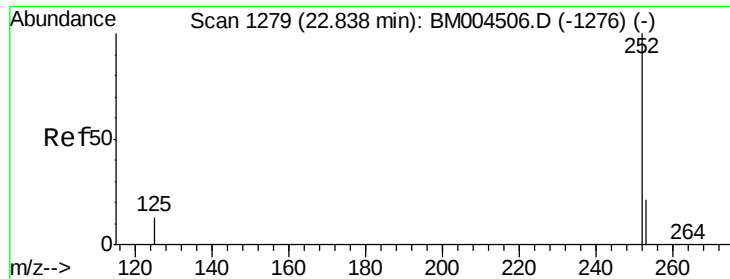
Tgt Ion: 264 Resp: 66822
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.5 30.7
 265 22.4 18.1 27.1



#36
 Benzo(b)fluoranthene
 Concen: 5.62 ng
 RT: 22.79 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BM004508.D
 Acq: 02 Mar 2016 01:19

Tgt Ion: 252 Resp: 140886
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.9 26.9
 125 13.1 12.8 19.2

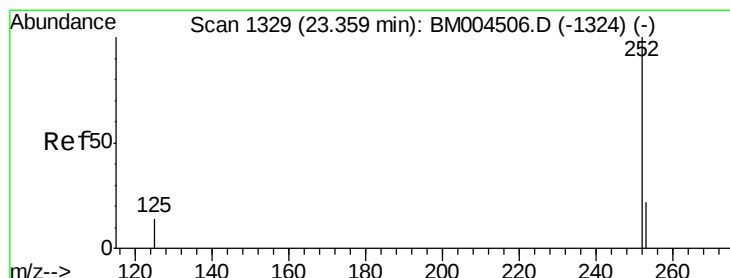
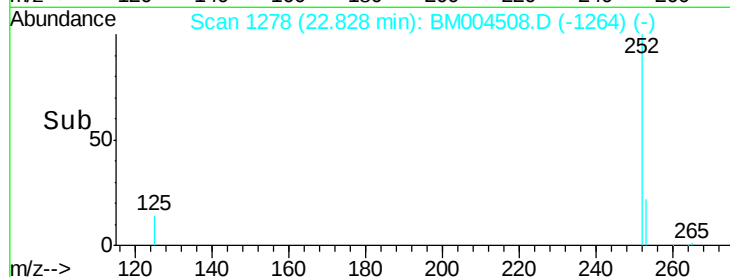
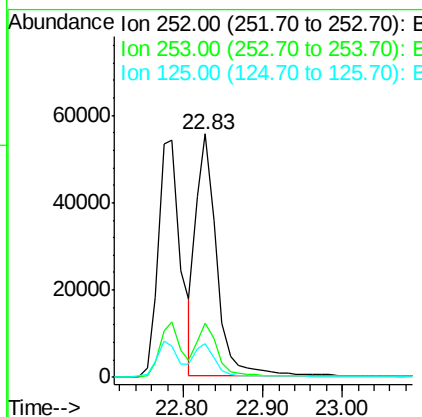
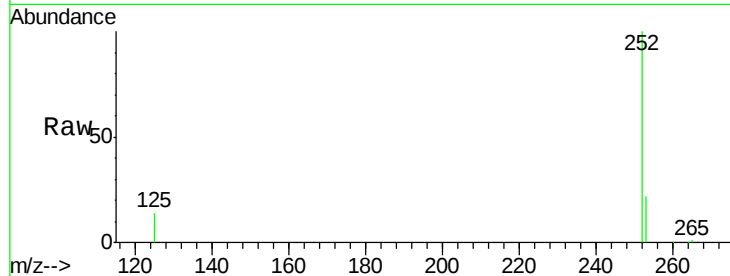




#37
Benzo(k)fluoranthene
Concen: 3.93 ng
RT: 22.83 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BM004508.D
Acq: 02 Mar 2016 01:19

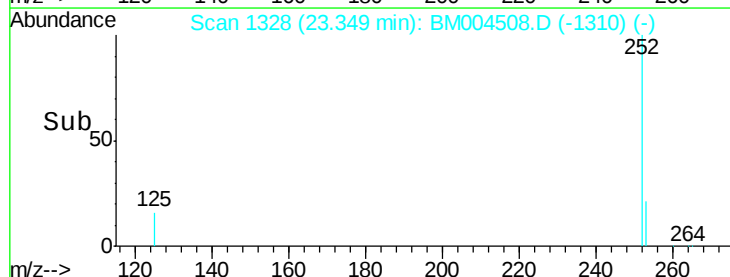
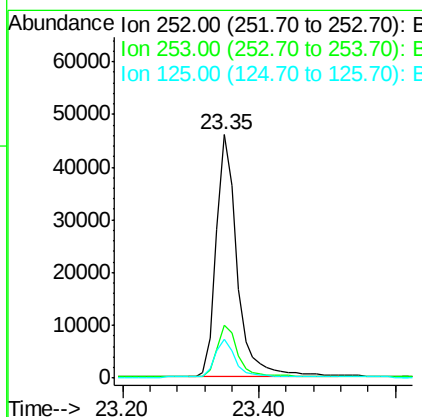
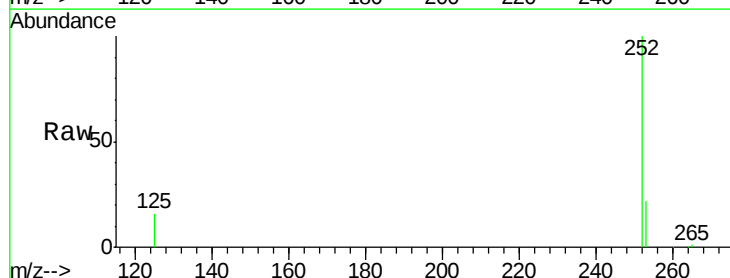
Instrument :
BNA_F
ClientSampleId :
SSTDIC005

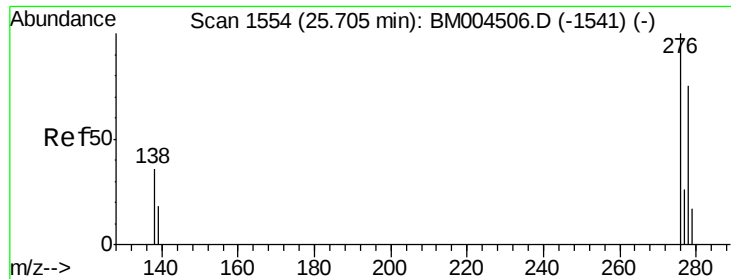
Tgt Ion: 252 Resp: 99057
Ion Ratio Lower Upper
252 100
253 22.1 19.4 29.2
125 13.9 11.8 17.8



#38
Benzo(a)pyrene
Concen: 4.26 ng
RT: 23.35 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BM004508.D
Acq: 02 Mar 2016 01:19

Tgt Ion: 252 Resp: 97721
Ion Ratio Lower Upper
252 100
253 21.6 20.0 30.0
125 15.9 13.4 20.0





#39

Dibenzo(a,h)anthracene

Concen: 4.36 ng

RT: 25.68 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

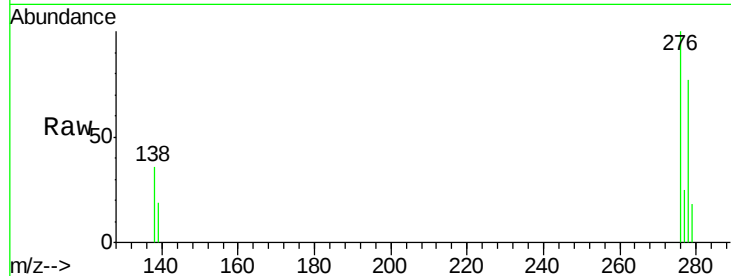
Tgt Ion: 278 Resp: 86700

Ion Ratio Lower Upper

278 100

139 25.4 20.9 31.3

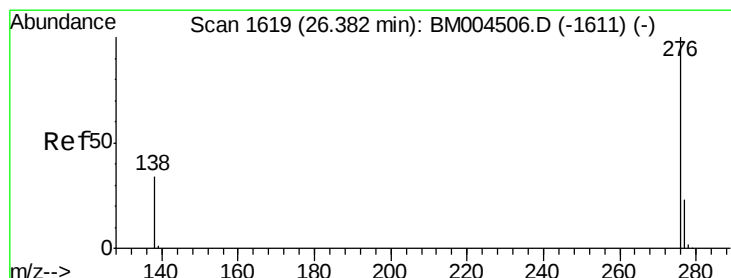
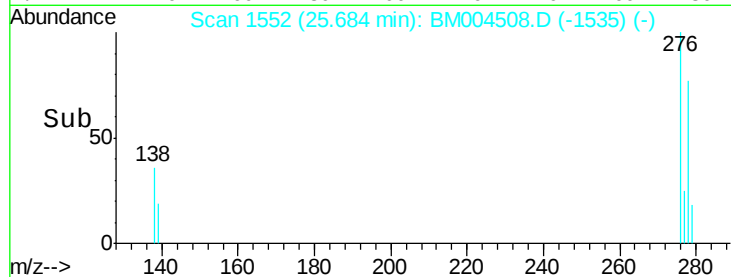
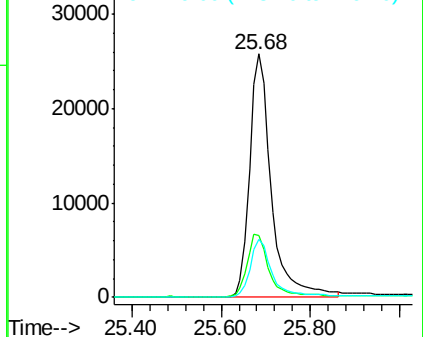
279 23.6 20.4 30.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 4.27 ng

RT: 26.36 min Scan# 1617

Delta R.T. -0.02 min

Lab File: BM004508.D

Acq: 02 Mar 2016 01:19

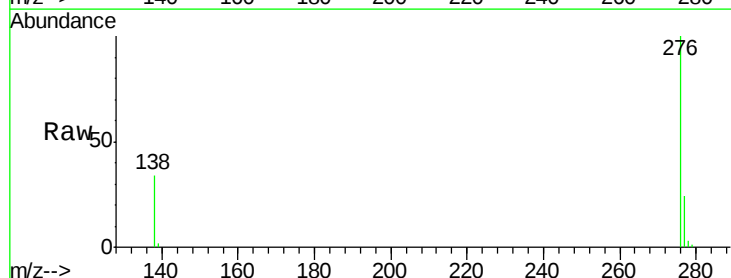
Tgt Ion: 276 Resp: 93471

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.0

138 33.8 28.2 42.2



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

