

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030116\
 Data File : BM004509.D
 Acq On : 02 Mar 2016 01:56
 Operator : SJ/UM
 Sample : SSTDICC010
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Mar 02 02:31:15 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	21127	5.00	ng	0.00
7) Naphthalene-d8	10.37	136	82708	5.00	ng	-0.02
13) Acenaphthene-d10	14.26	164	42038	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	97828	5.00	ng	0.00
26) Chrysene-d12	21.23	240	79420	5.00	ng	0.00
35) Perylene-d12	23.45	264	68131	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	48942	10.04	ng	-0.02
5) Phenol-d6	6.80	99	60391	11.03	ng	-0.02
8) Nitrobenzene-d5	8.76	82	45820	11.01	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	15524	9.91	ng	-0.02
15) 2-Fluorobiphenyl	12.87	172	130710	10.17	ng	-0.01
29) Terphenyl-d14	19.67	244	107647	10.09	ng	0.00

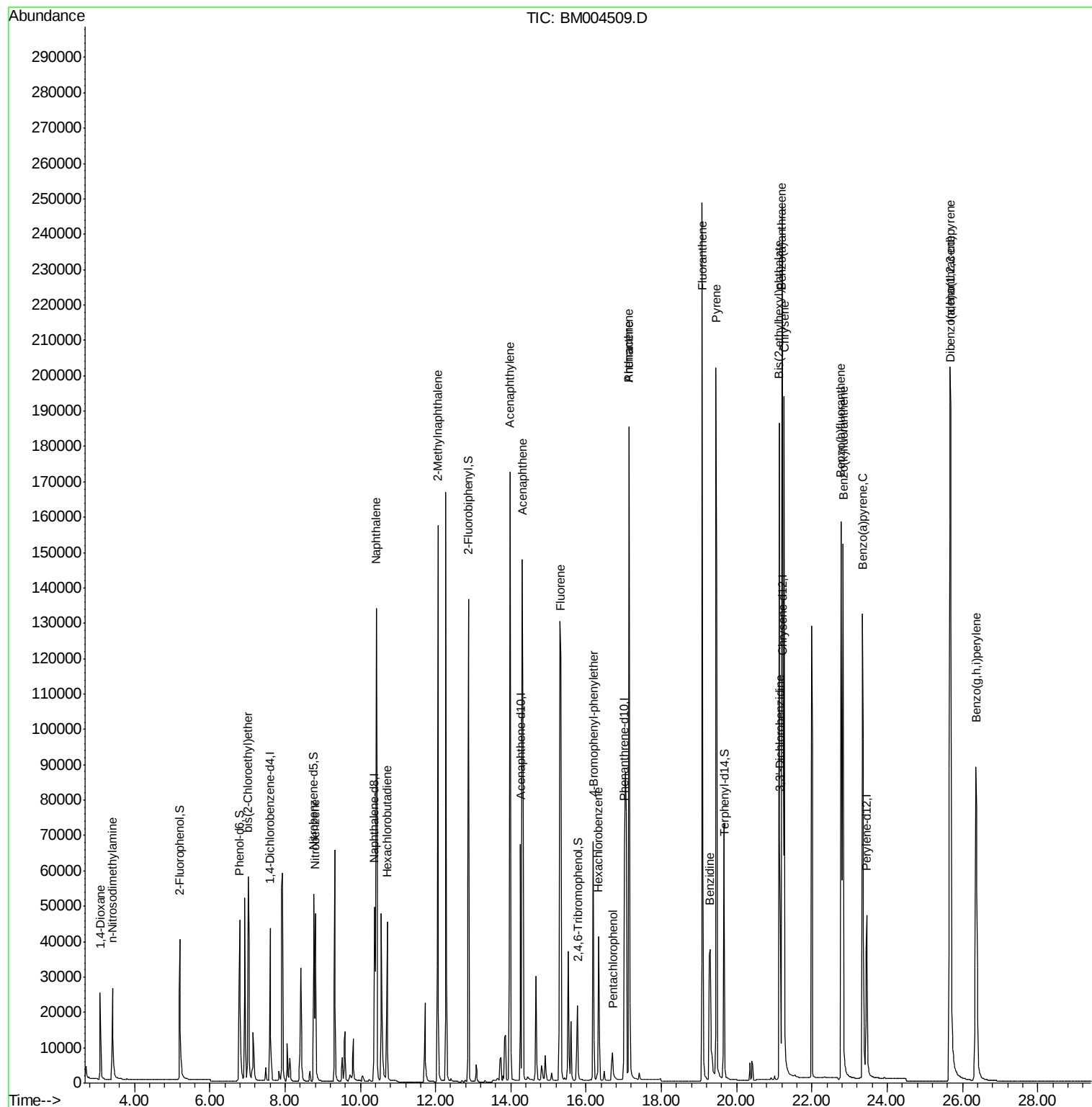
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	18820	7.77	ng	97
3) n-Nitrosodimethylamine	3.41	42	16676	8.06	ng	# 96
6) bis(2-Chloroethyl)ether	7.02	93	50179	8.80	ng	95
9) Nitrobenzene	8.81	77	52528	9.55	ng	98
10) Naphthalene	10.42	128	186443	7.34	ng	98
11) Hexachlorobutadiene	10.72	225	32236	8.66	ng	99
12) 2-Methylnaphthalene	12.06	142	120482	8.60	ng	91
16) Acenaphthylene	13.97	152	210708	9.01	ng	99
17) Acenaphthene	14.31	154	113257	7.39	ng	96
18) Fluorene	15.33	166	137966	7.40	ng	# 14
20) 4-Bromophenyl-phenylether	16.19	248	39260	7.48	ng	# 81
21) Hexachlorobenzene	16.32	284	34369	5.81	ng	# 100
22) Pentachlorophenol	16.70	266	10702	7.50	ng	# 88
23) Phenanthrene	17.14	178	233185	6.93	ng	98
24) Anthracene	17.14	178	242181	8.54	ng	94
25) Fluoranthene	19.09	202	244035	6.76	ng	100
27) Benzidine	19.29	184	99735	11.97	ng	# 89
28) Pyrene	19.45	202	249634	7.99	ng	100
30) Benzo(a)anthracene	21.21	228	269872	9.31	ng	97
31) 3,3'-Dichlorobenzidine	21.14	252	78185	4.63	ng	# 80
32) Chrysene	21.27	228	172493	2.96	ng	95
33) Bis(2-ethylhexyl)phthalate	21.12	149	194639	8.95	ng	# 100
34) Indeno(1,2,3-cd)pyrene	25.67	276	224884	8.42	ng	100
36) Benzo(b)fluoranthene	22.78	252	243887	9.55	ng	97
37) Benzo(k)fluoranthene	22.83	252	214948	8.36	ng	97
38) Benzo(a)pyrene	23.35	252	199001	8.51	ng	95
39) Dibenzo(a,h)anthracene	25.68	278	178282	8.79	ng	96
40) Benzo(g,h,i)perylene	26.36	276	191258	8.57	ng	97

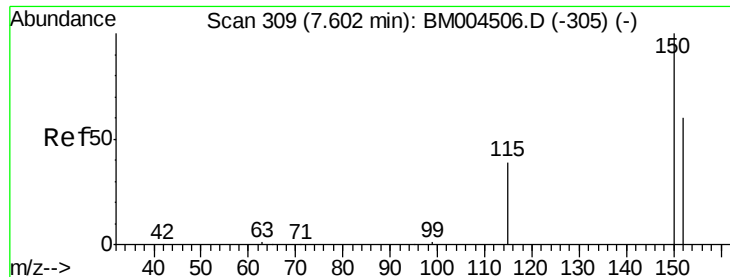
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM004509.D

Acq: 02 Mar 2016 01:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

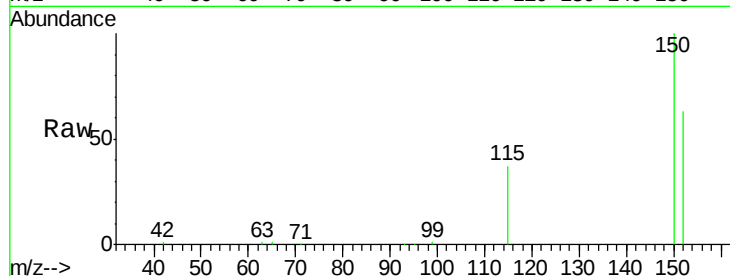
Tgt Ion:152 Resp: 21127

Ion Ratio Lower Upper

152 100

150 158.1 132.4 198.6

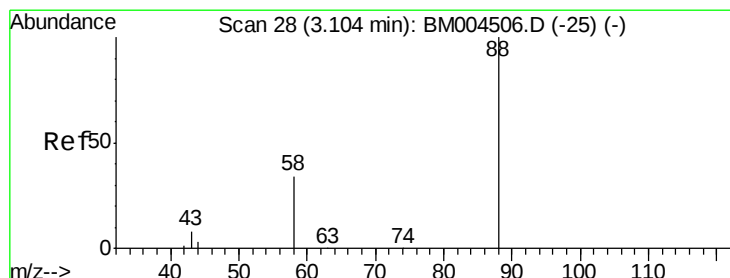
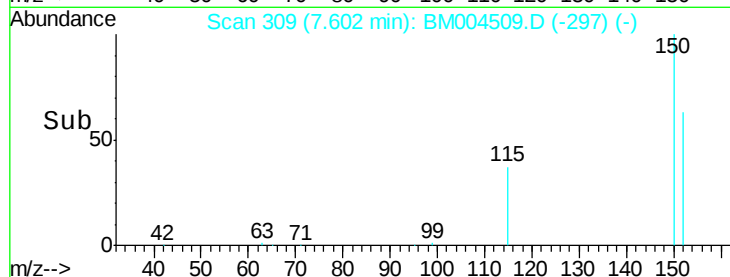
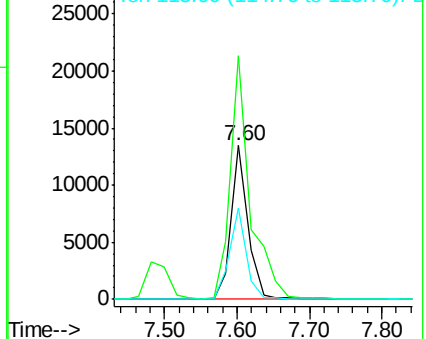
115 59.0 51.4 77.2



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: 7.77 ng

RT: 3.09 min Scan# 27

Delta R.T. -0.02 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

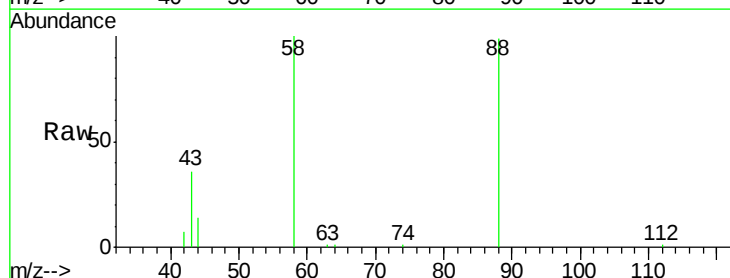
Tgt Ion: 88 Resp: 18820

Ion Ratio Lower Upper

88 100

58 68.3 53.1 79.7

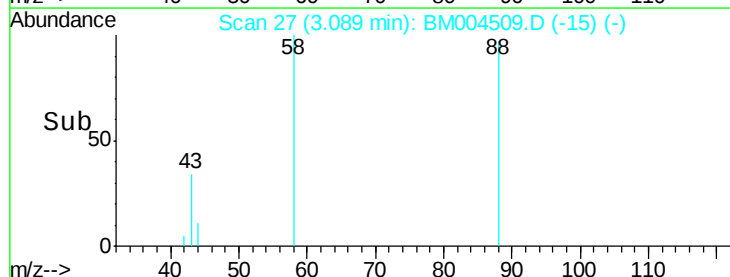
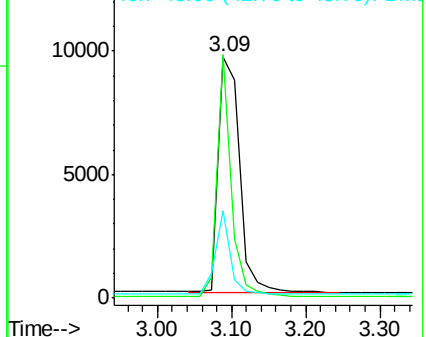
43 25.1 21.6 32.4

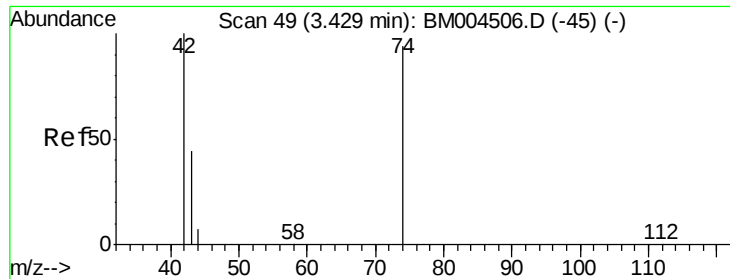


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 8.06 ng

RT: 3.41 min Scan# 48

Delta R.T. -0.02 min

Lab File: BM004509.D

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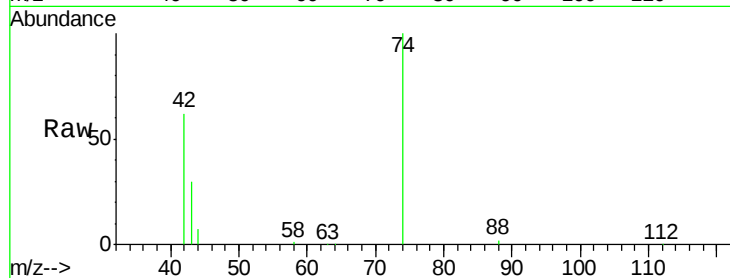
Tgt Ion: 42 Resp: 16676

Ion Ratio Lower Upper

42 100

74 154.2 119.4 179.0

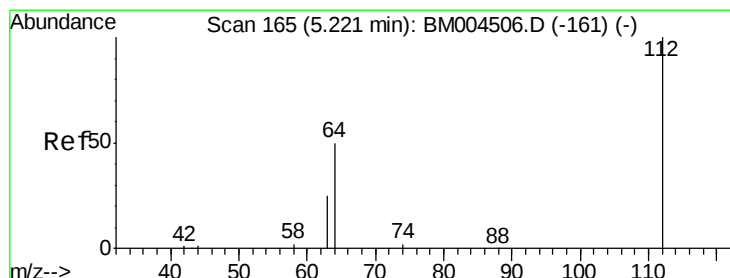
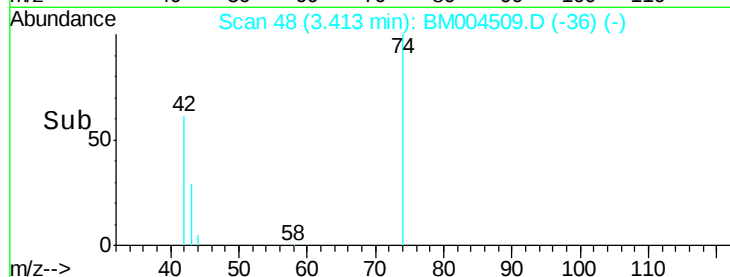
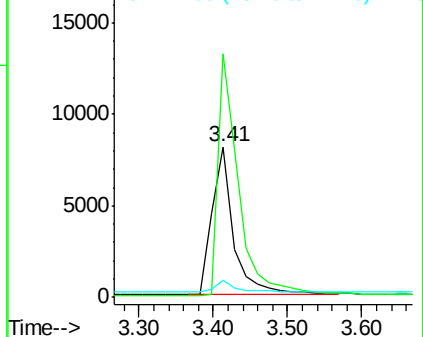
44 6.4 7.2 10.8#



Abundance Ion 42.00 (41.70 to 42.70): BM004506.D (-45) (-)

Ion 74.00 (73.70 to 74.70): BM004506.D (-45) (-)

Ion 44.00 (43.70 to 44.70): BM004506.D (-45) (-)



#4

2-Fluorophenol

Concen: 10.04 ng

RT: 5.21 min Scan# 164

Delta R.T. -0.02 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

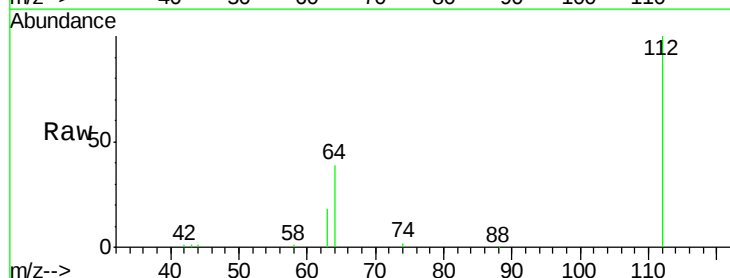
Tgt Ion: 112 Resp: 48942

Ion Ratio Lower Upper

112 100

64 49.1 36.5 54.7

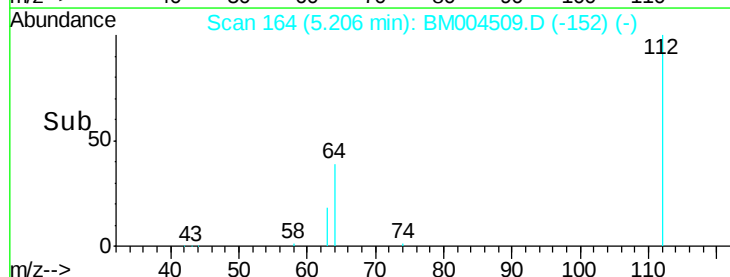
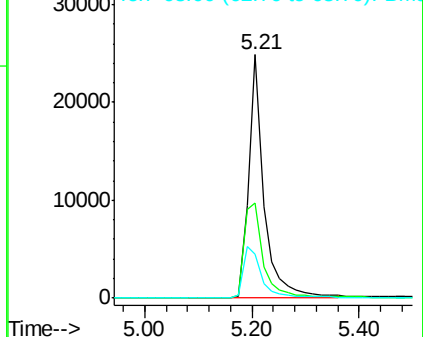
63 24.7 18.6 28.0

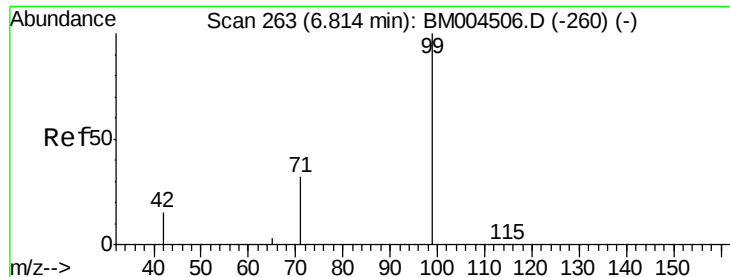


Abundance Ion 112.00 (111.70 to 112.70): BM004506.D (-161) (-)

Ion 64.00 (63.70 to 64.70): BM004506.D (-161) (-)

Ion 63.00 (62.70 to 63.70): BM004506.D (-161) (-)





#5

Phenol-d6

Concen: 11.03 ng

RT: 6.80 min Scan# 262

Delta R.T. -0.02 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

Instrument :

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SSTDICC010

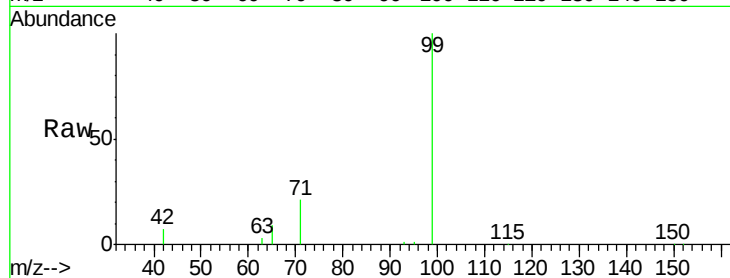
Tgt Ion: 99 Resp: 60391

Ion Ratio Lower Upper

99 100

42 15.6 12.8 19.2

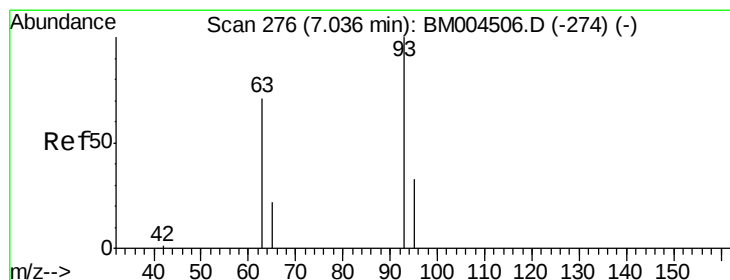
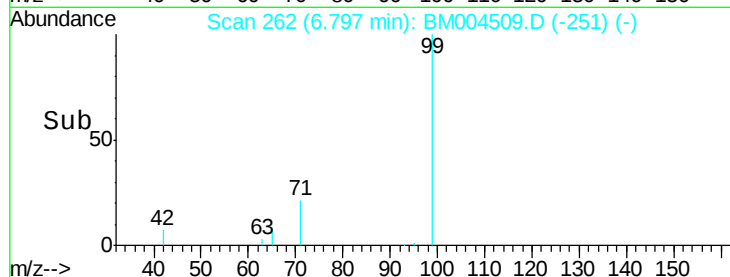
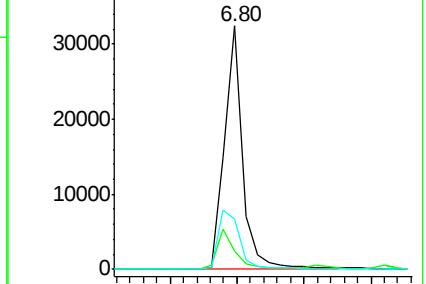
71 29.1 23.5 35.3



Abundance Ion 99.00 (98.70 to 99.70): BM004509.D (-262) (-)

Ion 42.00 (41.70 to 42.70): BM004509.D (-262) (-)

Ion 71.00 (70.70 to 71.70): BM004509.D (-262) (-)



#6

bis(2-Chloroethyl)ether

Concen: 8.80 ng

RT: 7.02 min Scan# 275

Delta R.T. -0.02 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

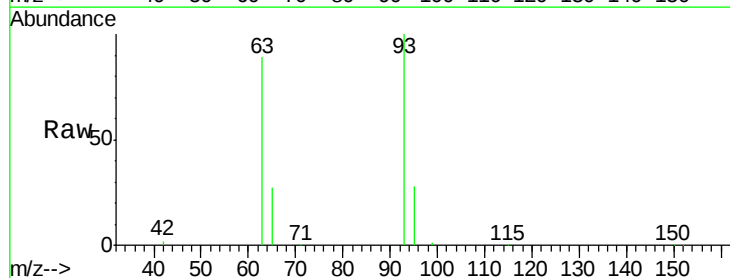
Tgt Ion: 93 Resp: 50179

Ion Ratio Lower Upper

93 100

63 67.7 50.0 75.0

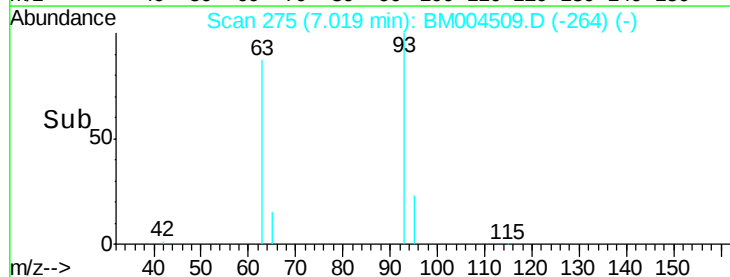
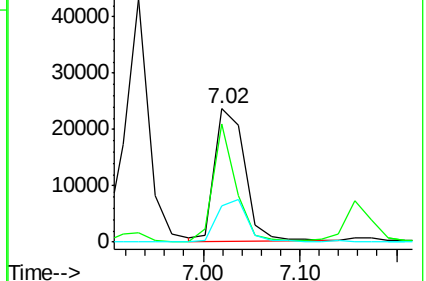
95 32.3 25.3 37.9

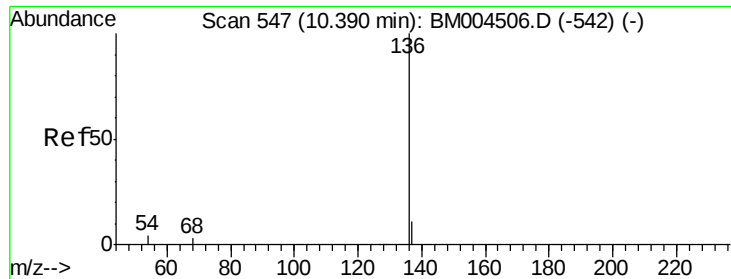


Abundance Ion 93.00 (92.70 to 93.70): BM004509.D (-275) (-)

Ion 63.00 (62.70 to 63.70): BM004509.D (-275) (-)

Ion 95.00 (94.70 to 95.70): BM004509.D (-275) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.37 min Scan# 546

Delta R.T. -0.02 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tgt Ion:136 Resp: 82708

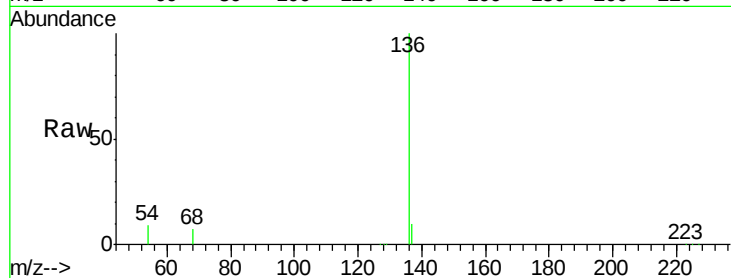
Ion Ratio Lower Upper

136 100

137 10.1 9.1 13.7

54 8.6 3.0 4.6#

68 6.5 2.7 4.1#

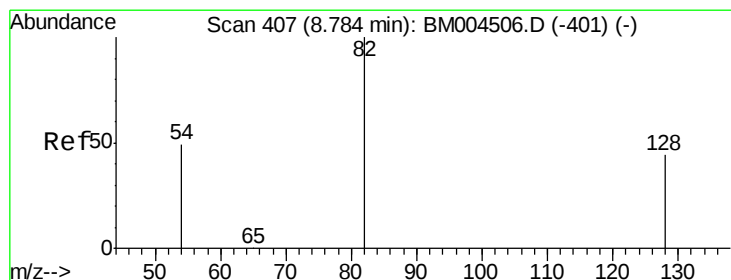
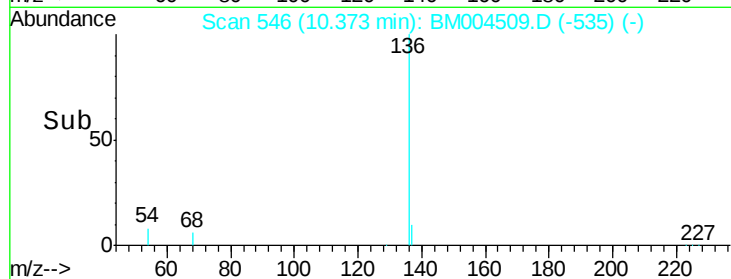
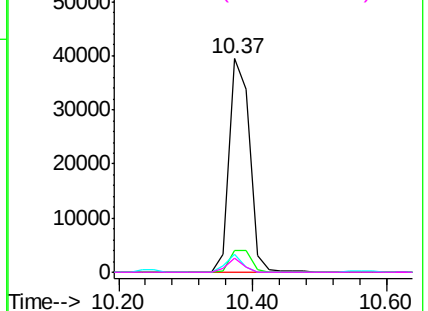


Abundance Ion 136.00 (135.70 to 136.70): E

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: 11.01 ng

RT: 8.76 min Scan# 405

Delta R.T. -0.02 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

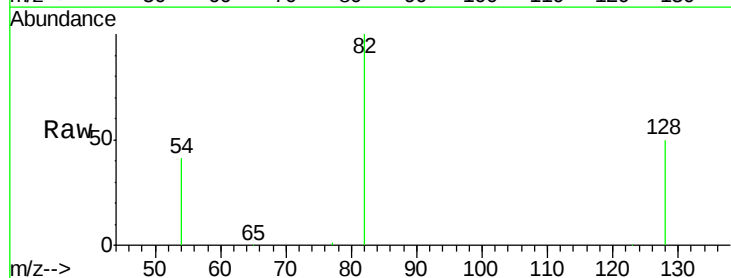
Tgt Ion: 82 Resp: 45820

Ion Ratio Lower Upper

82 100

128 50.2 36.6 55.0

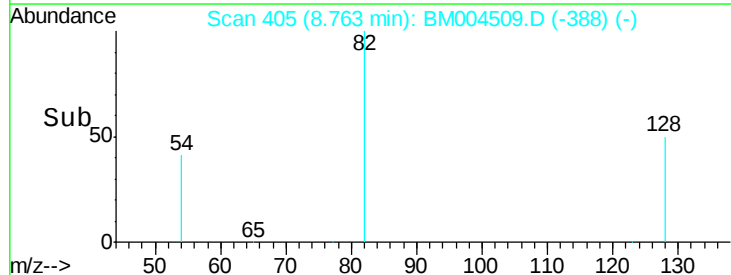
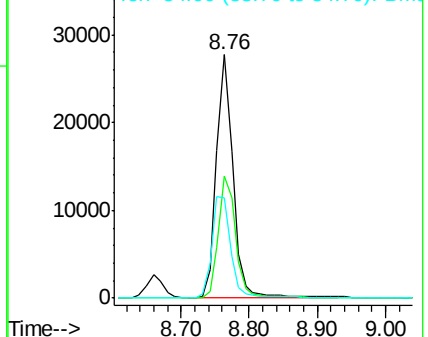
54 41.1 41.0 61.6

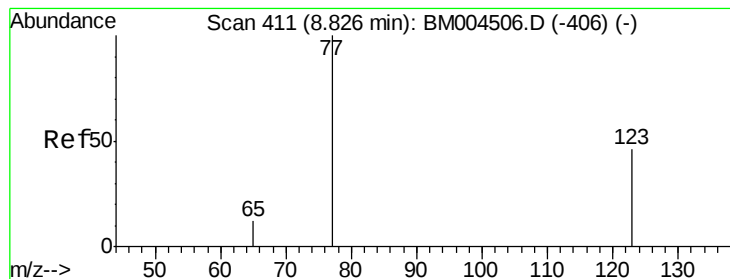


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 9.55 ng

RT: 8.81 min Scan# 409

Delta R.T. -0.02 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

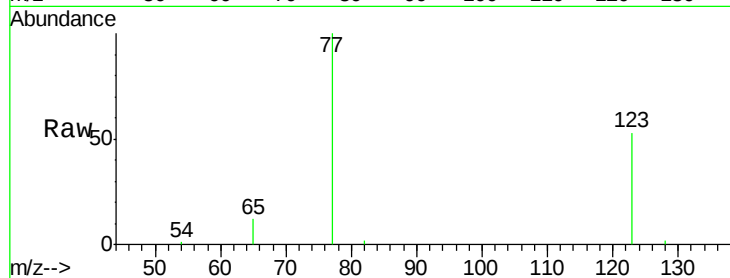
Tgt Ion: 77 Resp: 52528

Ion Ratio Lower Upper

77 100

123 55.0 42.3 63.5

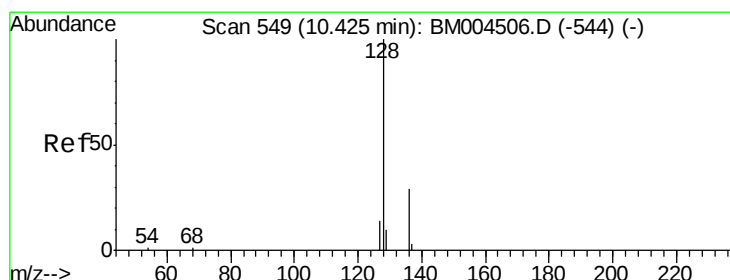
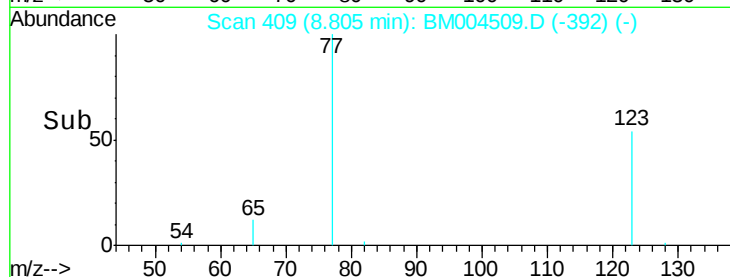
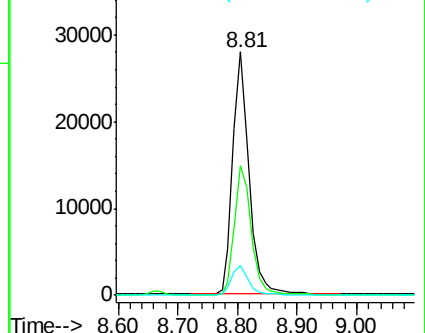
65 12.6 10.1 15.1



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: 7.34 ng

RT: 10.42 min Scan# 549

Delta R.T. 0.00 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

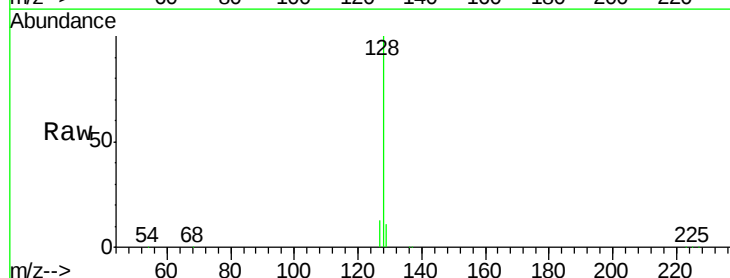
Tgt Ion: 128 Resp: 186443

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

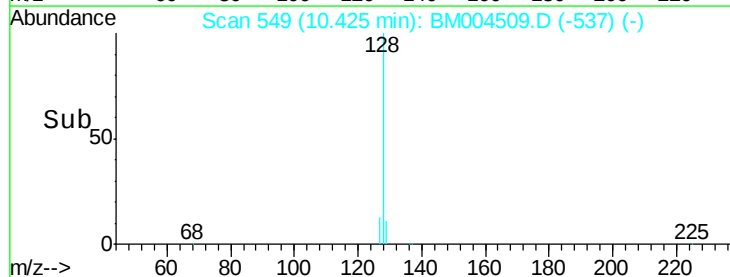
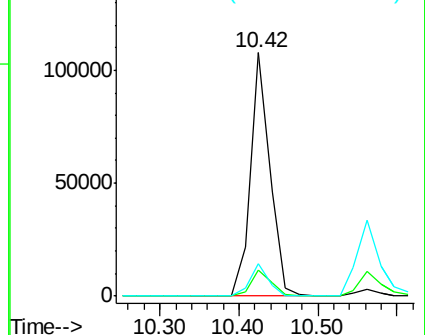
127 13.1 11.8 17.6

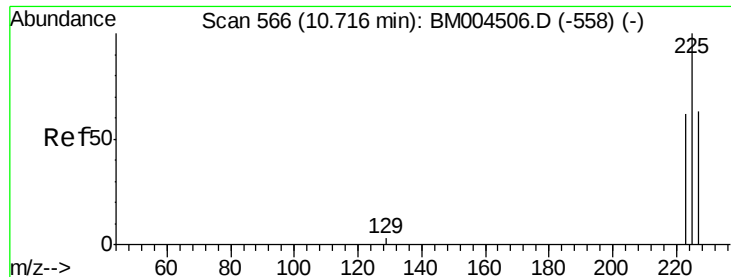


Abundance Ion 128.00 (127.70 to 128.70): BM004506.D (-544) (-)

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

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

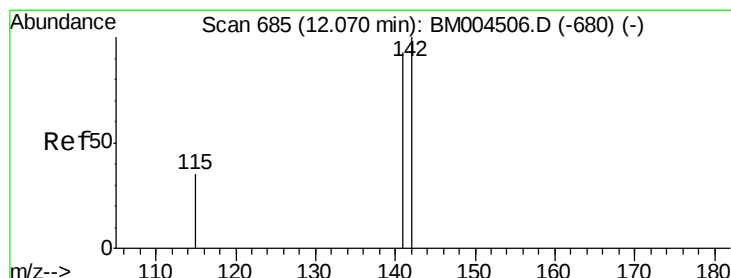
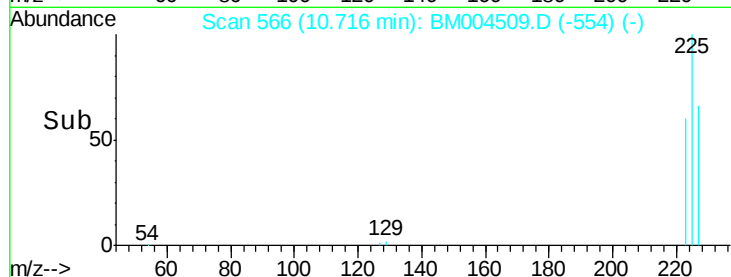
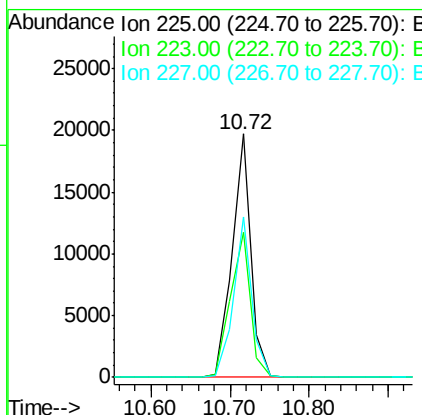
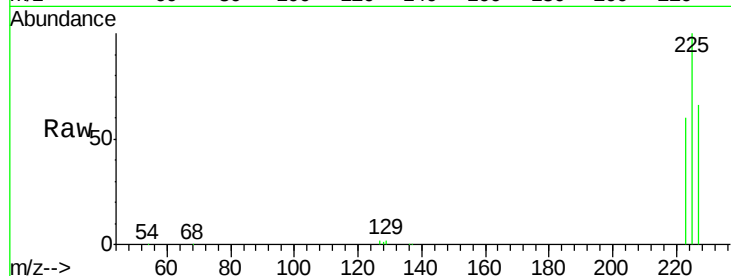




#11
Hexachlorobutadiene
Concen: 8.66 ng
RT: 10.72 min Scan# 566
Delta R.T. 0.00 min
Lab File: BM004509.D
Acq: 02 Mar 2016 01:56

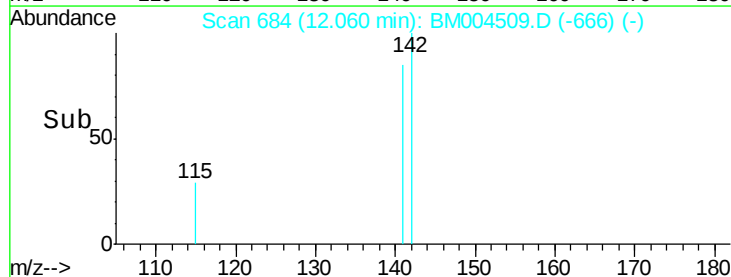
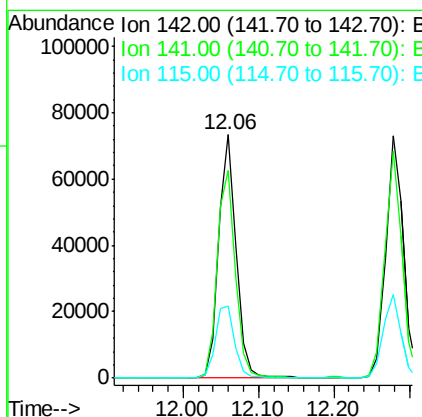
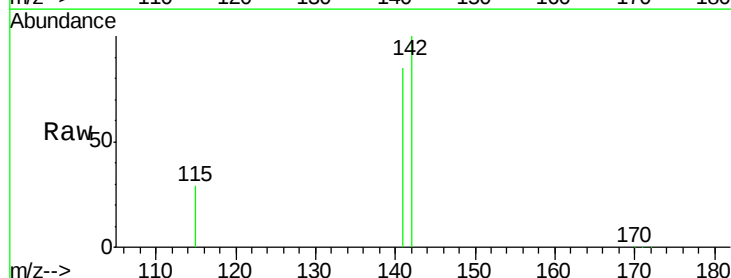
Instrument :
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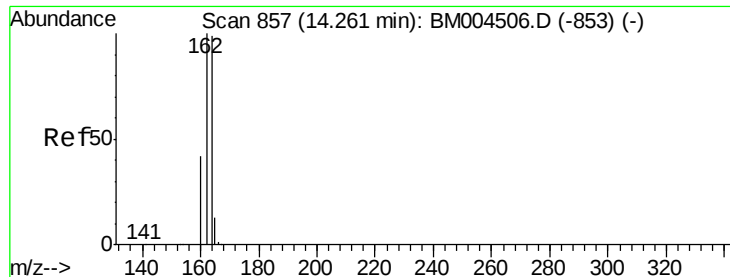
Tgt Ion: 225 Resp: 32236
Ion Ratio Lower Upper
225 100
223 63.0 50.9 76.3
227 63.7 51.4 77.2



#12
2-Methylnaphthalene
Concen: 8.60 ng
RT: 12.06 min Scan# 684
Delta R.T. -0.01 min
Lab File: BM004509.D
Acq: 02 Mar 2016 01:56

Tgt Ion: 142 Resp: 120482
Ion Ratio Lower Upper
142 100
141 85.2 73.9 110.9
115 29.4 28.8 43.2





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. 0.00 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

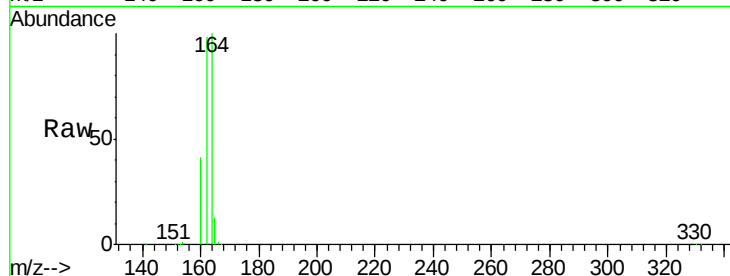
Tgt Ion:164 Resp: 42038

Ion Ratio Lower Upper

164 100

162 98.2 81.2 121.8

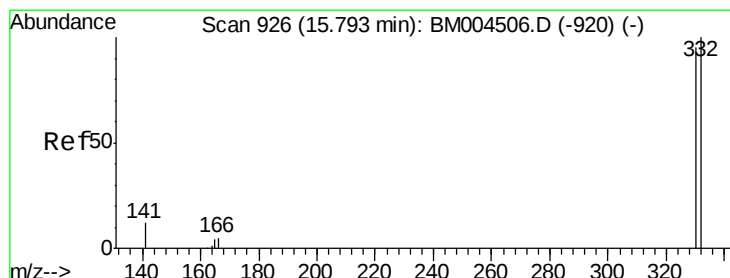
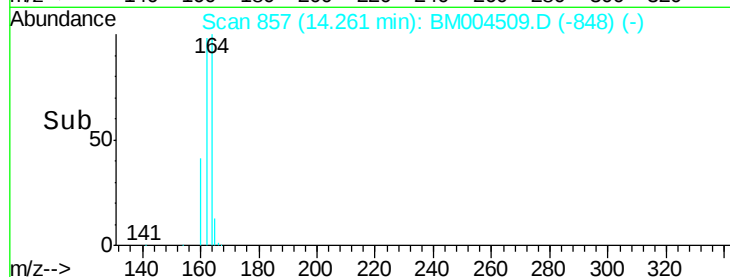
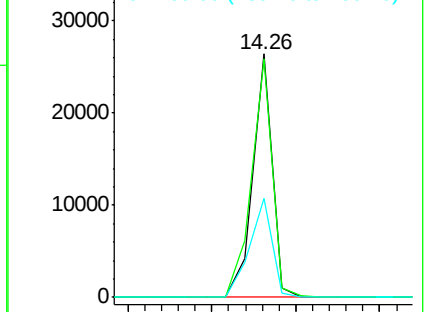
160 40.7 34.2 51.4



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: 9.91 ng

RT: 15.77 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

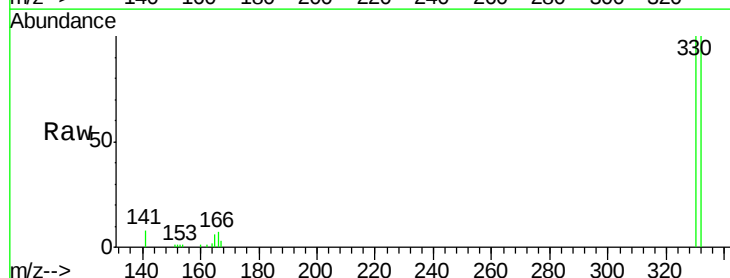
Tgt Ion:330 Resp: 15524

Ion Ratio Lower Upper

330 100

332 98.2 78.8 118.2

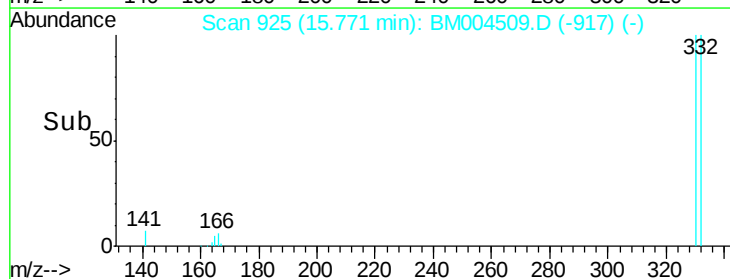
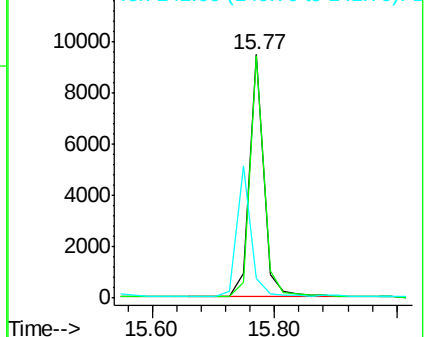
141 0.0 0.0 0.0

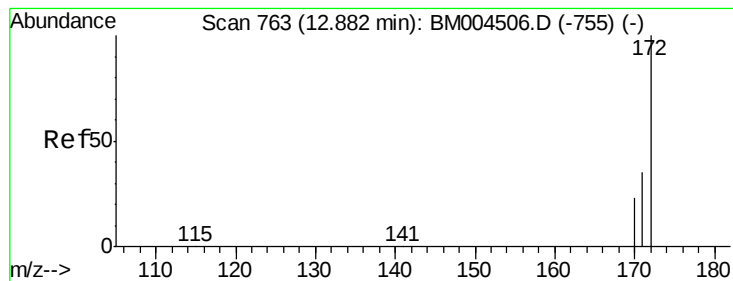


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

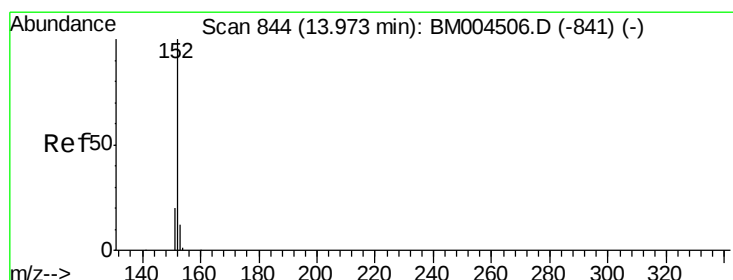
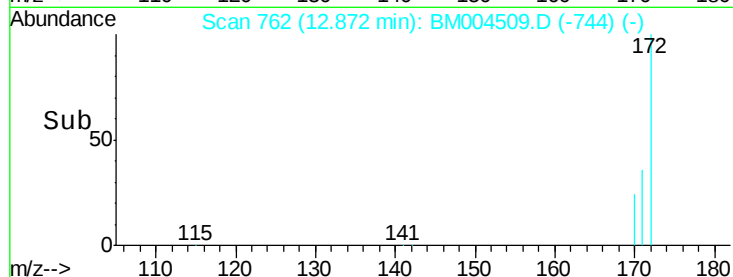
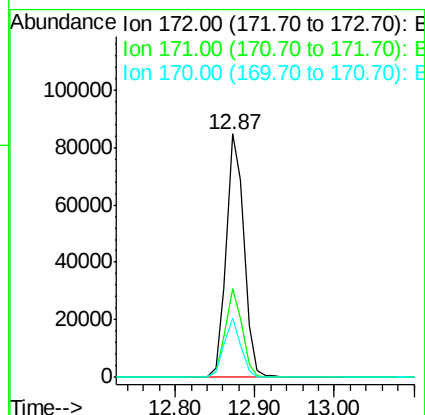
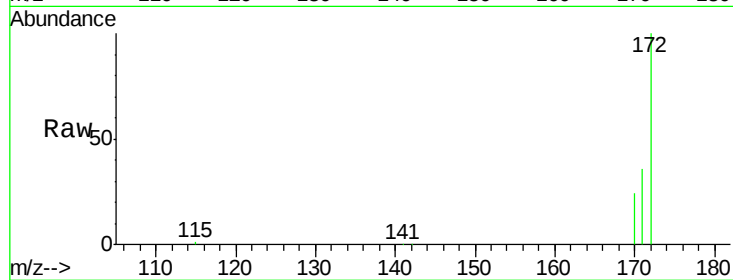




#15
2-Fluorobiphenyl
Concen: 10.17 ng
RT: 12.87 min Scan# 762
Delta R.T. -0.01 min
Lab File: BM004509.D
Acq: 02 Mar 2016 01:56

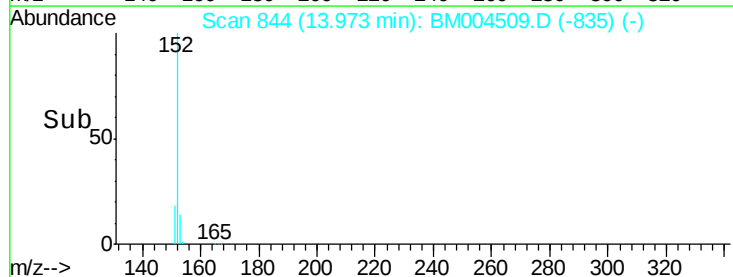
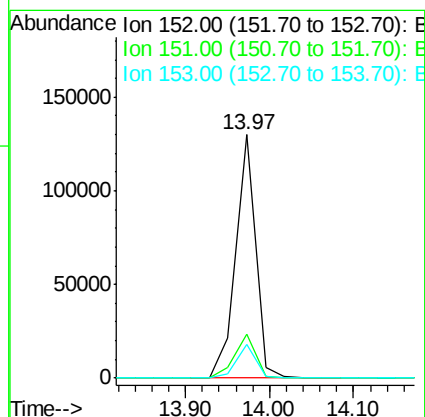
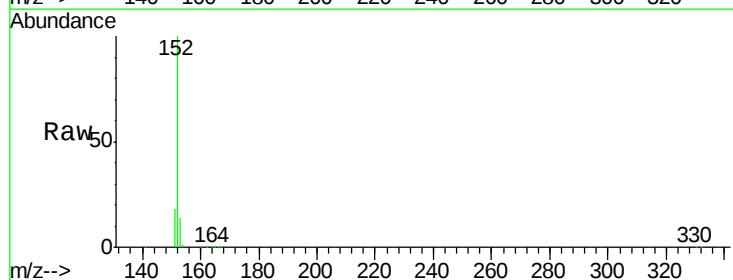
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

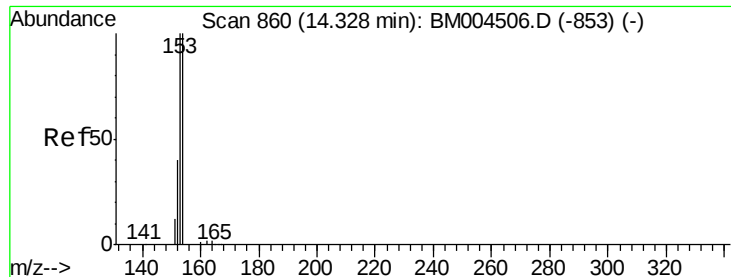
Tgt Ion:172 Resp: 130710
Ion Ratio Lower Upper
172 100
171 36.2 28.6 42.8
170 24.5 18.7 28.1



#16
Acenaphthylene
Concen: 9.01 ng
RT: 13.97 min Scan# 844
Delta R.T. 0.00 min
Lab File: BM004509.D
Acq: 02 Mar 2016 01:56

Tgt Ion:152 Resp: 210708
Ion Ratio Lower Upper
152 100
151 19.0 15.7 23.5
153 13.2 10.2 15.4





#17

Acenaphthene

Concen: 7.39 ng

RT: 14.31 min Scan# 859

Delta R.T. -0.02 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

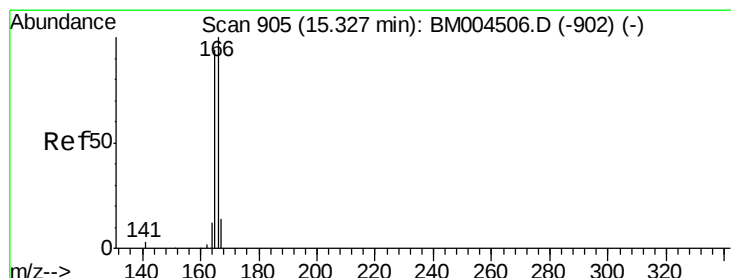
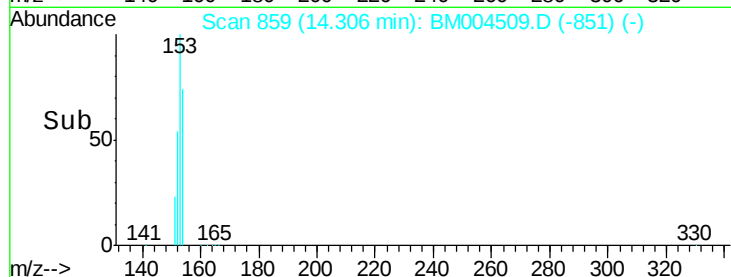
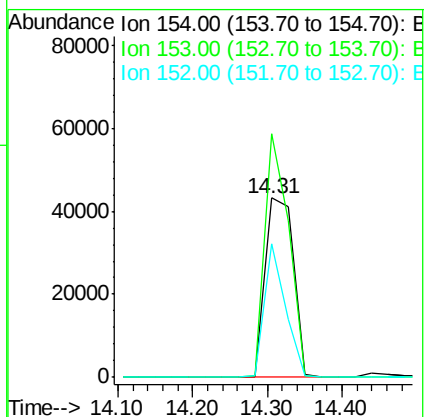
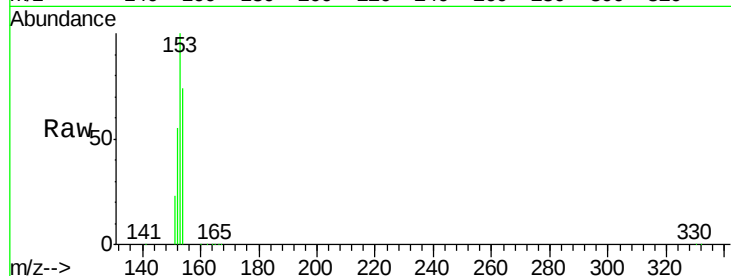
Tgt Ion:154 Resp: 113257

Ion Ratio Lower Upper

154 100

153 114.4 88.2 132.4

152 54.7 41.0 61.6



#18

Fluorene

Concen: 7.40 ng

RT: 15.33 min Scan# 905

Delta R.T. 0.00 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

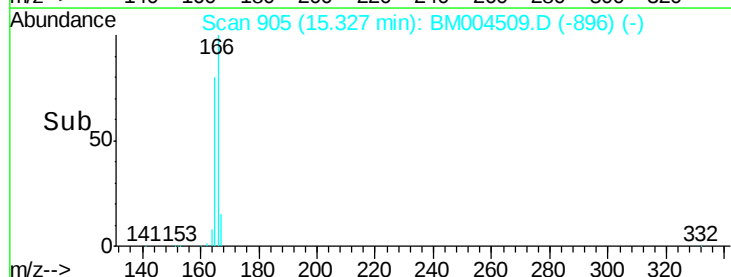
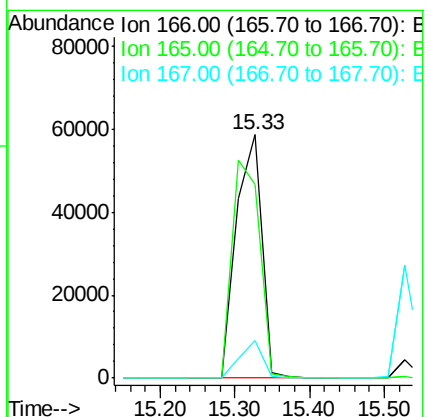
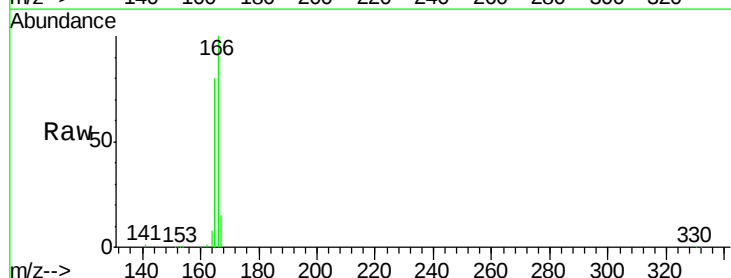
Tgt Ion:166 Resp: 137966

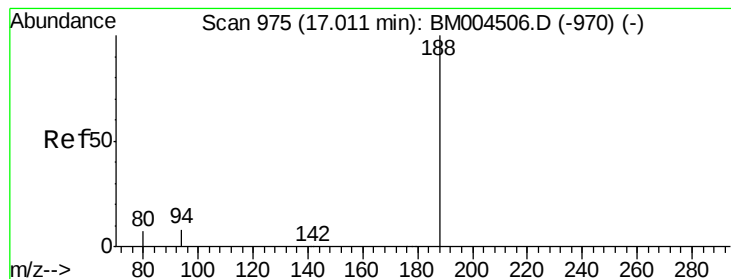
Ion Ratio Lower Upper

166 100

165 0.0 77.0 115.6#

167 13.5 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: BM004509.D

Acq: 02 Mar 2016 01:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

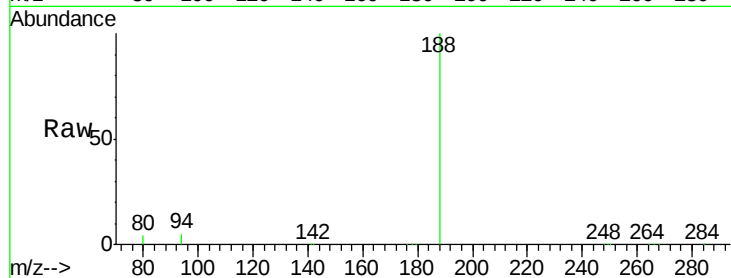
Tgt Ion:188 Resp: 97828

Ion Ratio Lower Upper

188 100

94 5.1 6.2 9.4#

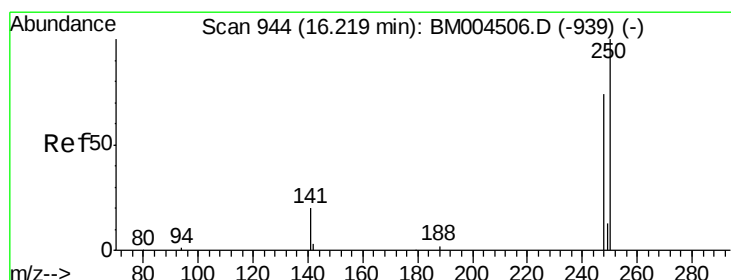
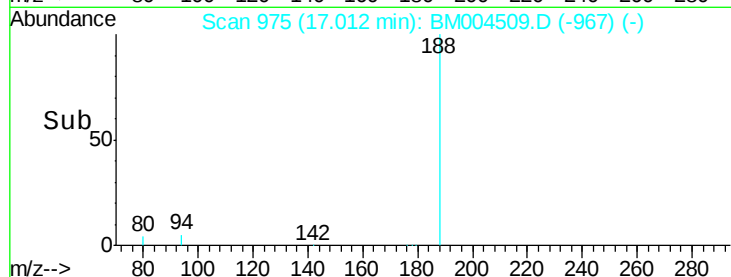
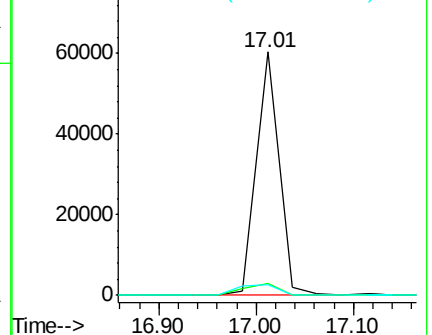
80 4.3 5.7 8.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#20

4-Bromophenyl-phenylether

Concen: 7.48 ng

RT: 16.19 min Scan# 943

Delta R.T. -0.03 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

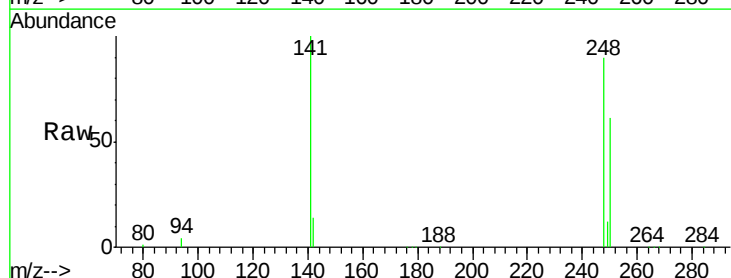
Tgt Ion:248 Resp: 39260

Ion Ratio Lower Upper

248 100

250 84.7 83.7 125.5

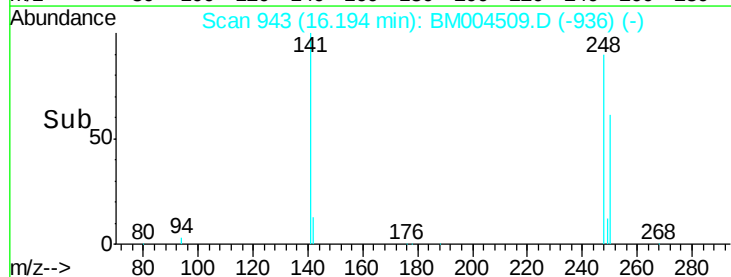
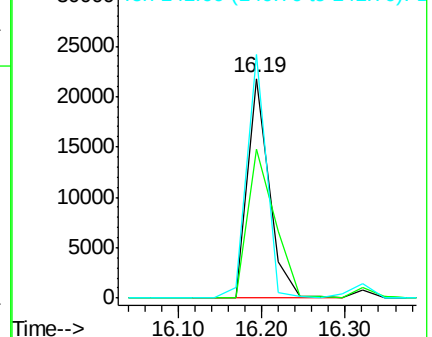
141 100.2 0.0 0.0#

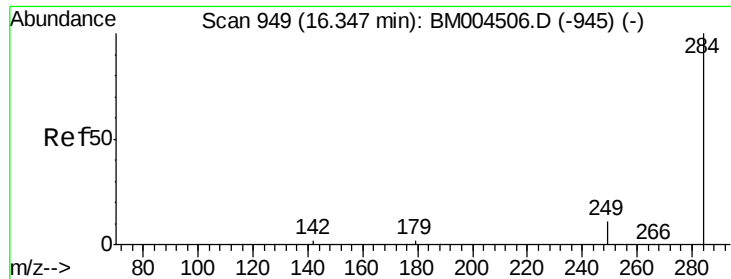


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

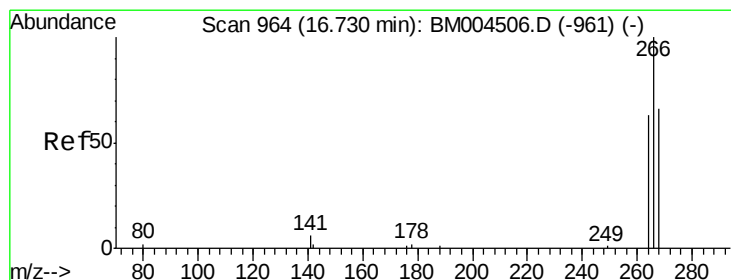
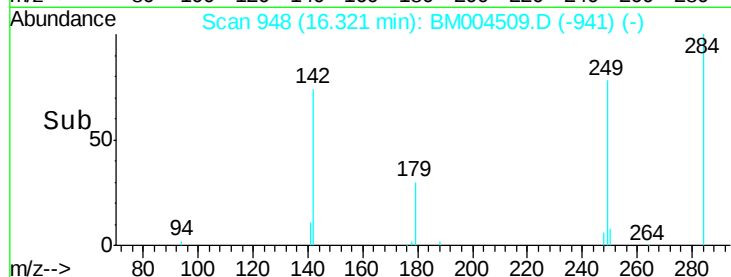
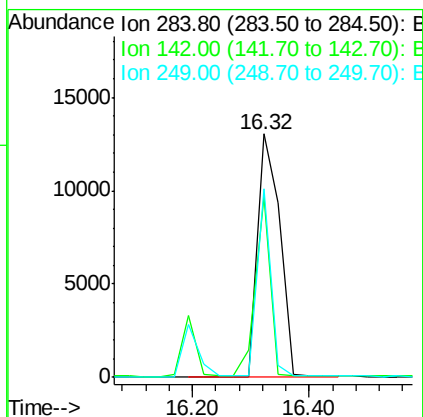
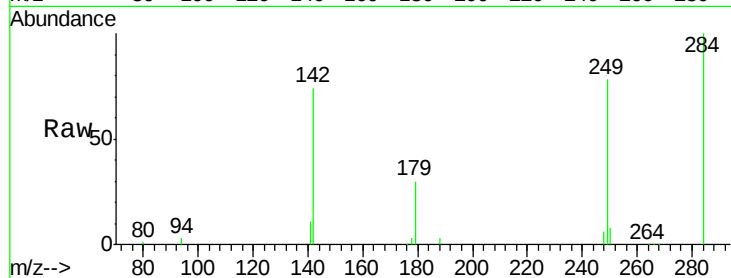




#21
Hexachlorobenzene
Concen: 5.81 ng
RT: 16.32 min Scan# 948
Delta R.T. -0.03 min
Lab File: BM004509.D
Acq: 02 Mar 2016 01:56

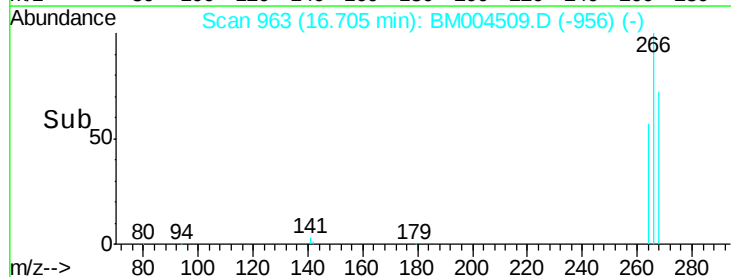
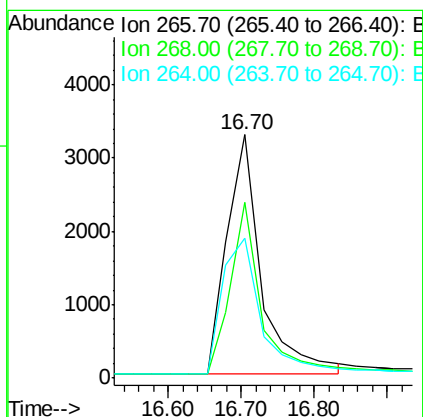
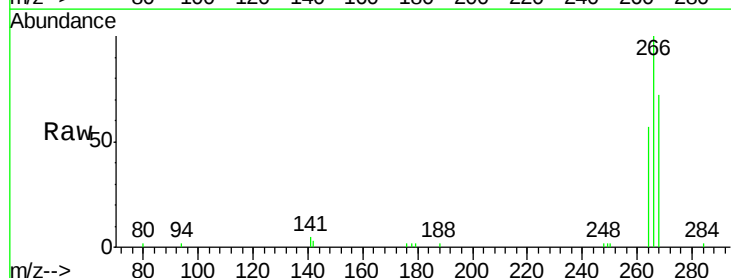
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

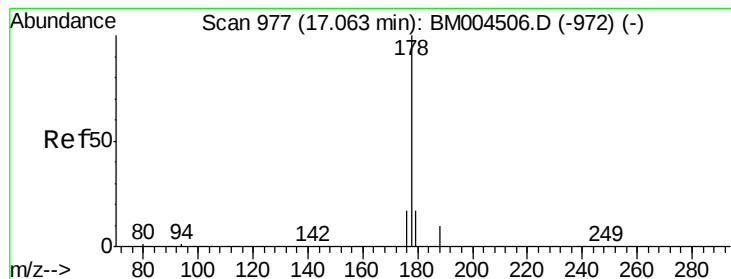
Tgt Ion: 284 Resp: 34369
Ion Ratio Lower Upper
284 100
142 49.6 0.0 0.0#
249 47.8 0.0 0.0#



#22
Pentachlorophenol
Concen: 7.50 ng
RT: 16.70 min Scan# 963
Delta R.T. -0.03 min
Lab File: BM004509.D
Acq: 02 Mar 2016 01:56

Tgt Ion: 266 Resp: 10702
Ion Ratio Lower Upper
266 100
268 72.3 62.1 93.1
264 57.4 57.9 86.9#





#23

Phenanthrene

Concen: 6.93 ng

RT: 17.14 min Scan# 980

Delta R.T. 0.08 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

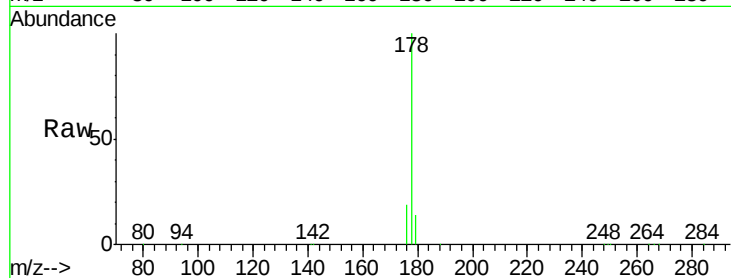
Tgt Ion:178 Resp: 233185

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

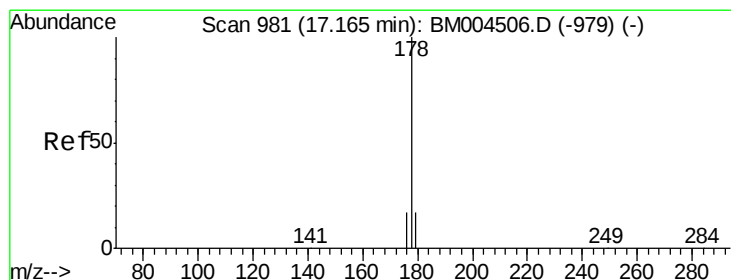
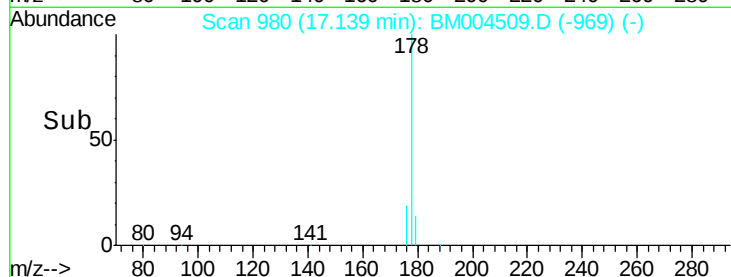
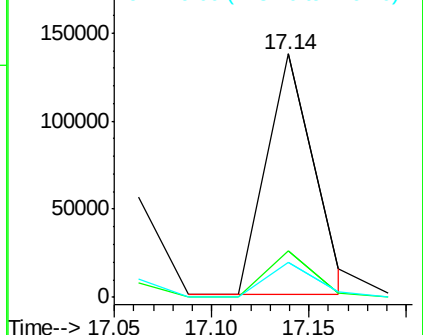
179 14.9 12.9 19.3



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: 8.54 ng

RT: 17.14 min Scan# 980

Delta R.T. -0.03 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

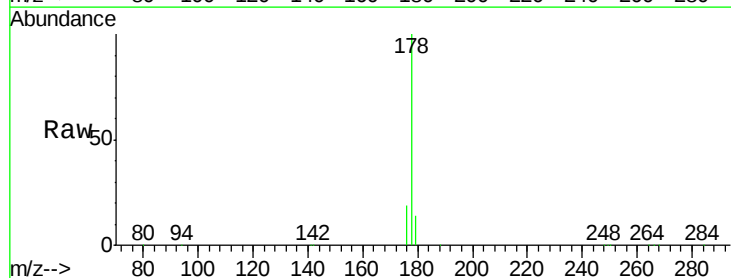
Tgt Ion:178 Resp: 242181

Ion Ratio Lower Upper

178 100

176 18.8 12.7 19.1

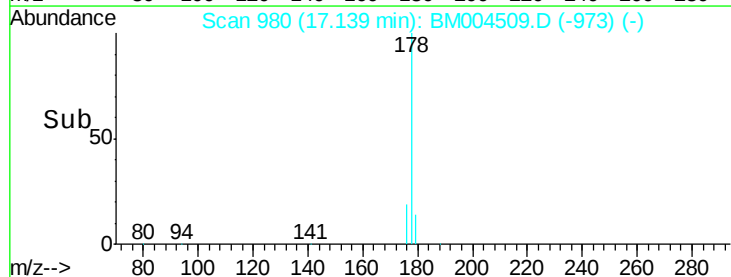
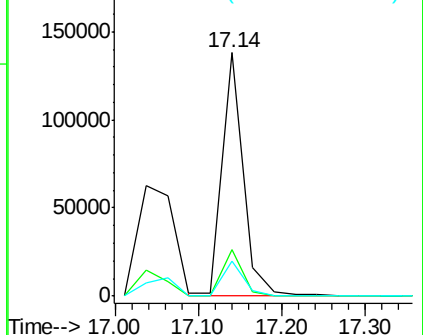
179 14.8 10.4 15.6

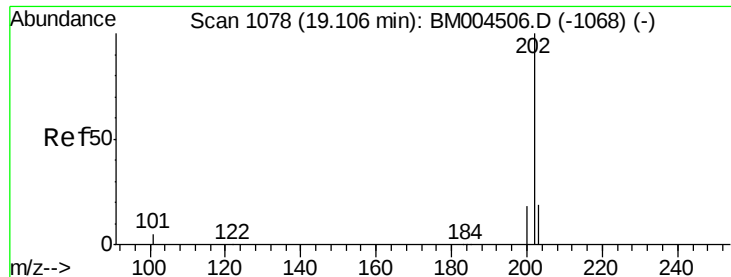


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 6.76 ng

RT: 19.09 min Scan# 1077

Delta R.T. -0.02 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

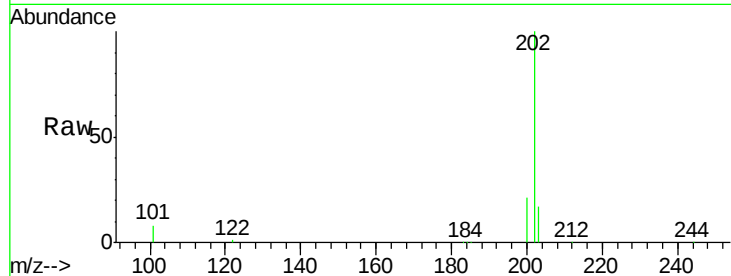
Tgt Ion:202 Resp: 244035

Ion Ratio Lower Upper

202 100

101 12.0 9.9 14.9

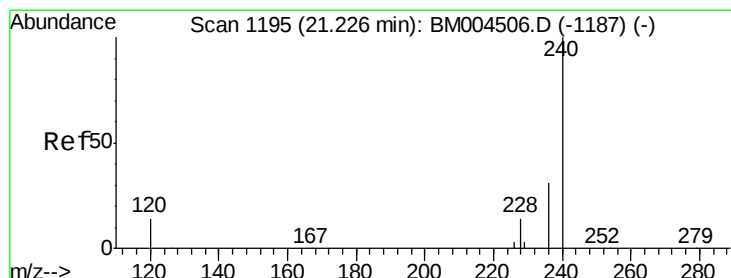
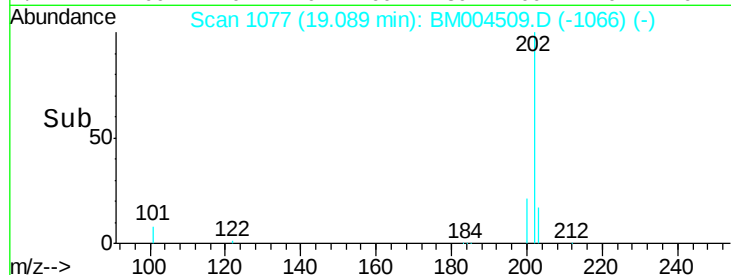
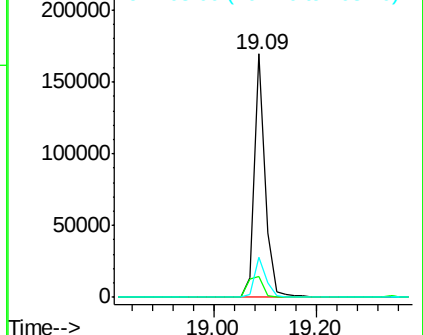
203 17.3 13.8 20.8



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: BM004509.D

Acq: 02 Mar 2016 01:56

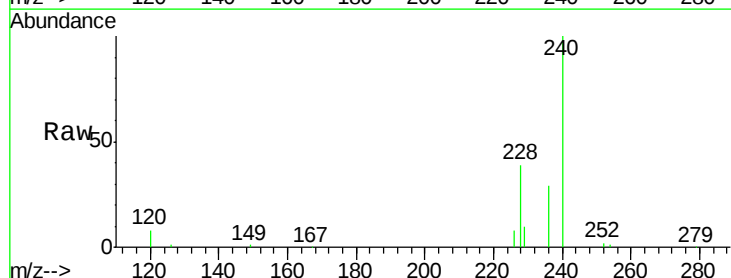
Tgt Ion:240 Resp: 79420

Ion Ratio Lower Upper

240 100

120 8.2 11.7 17.5#

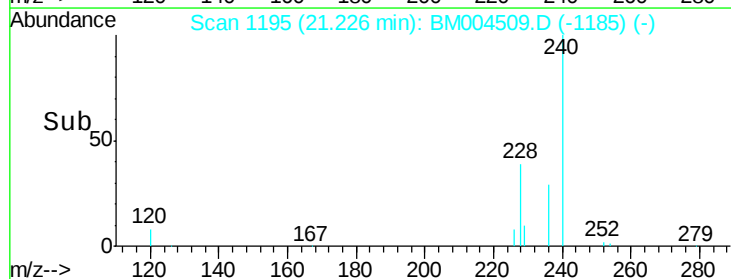
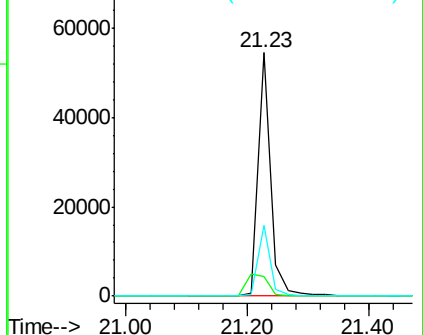
236 29.3 24.8 37.2

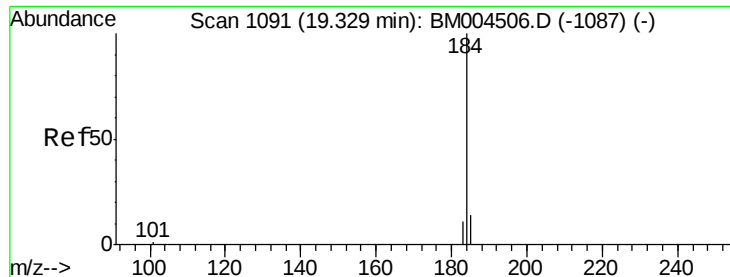


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 11.97 ng

RT: 19.29 min Scan# 1089

Delta R.T. -0.03 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

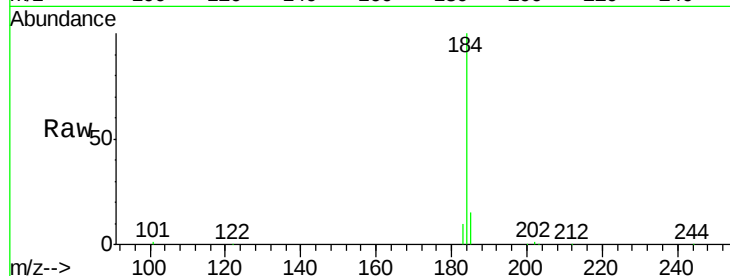
Tgt Ion:184 Resp: 99735

Ion Ratio Lower Upper

184 100

185 15.3 15.4 23.0#

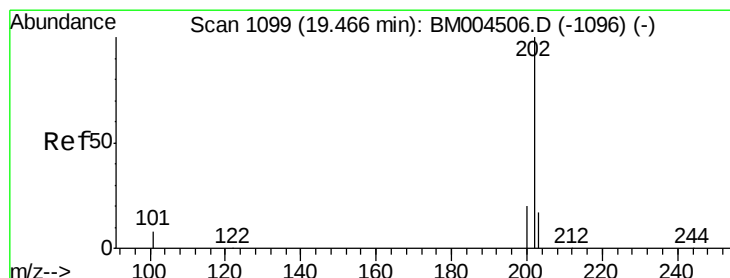
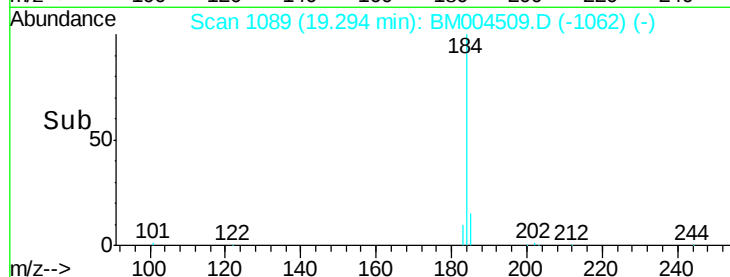
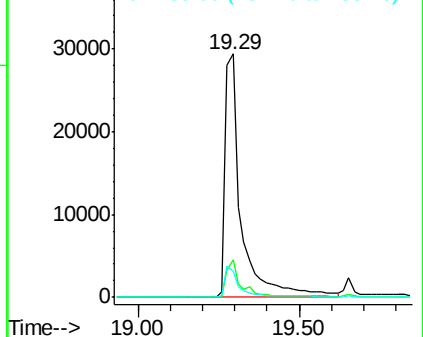
183 10.5 13.3 19.9#



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: 7.99 ng

RT: 19.45 min Scan# 1098

Delta R.T. -0.02 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

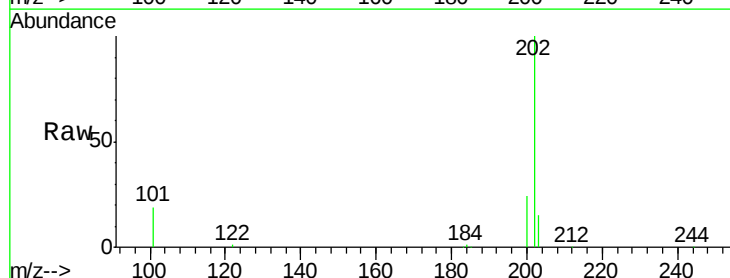
Tgt Ion:202 Resp: 249634

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

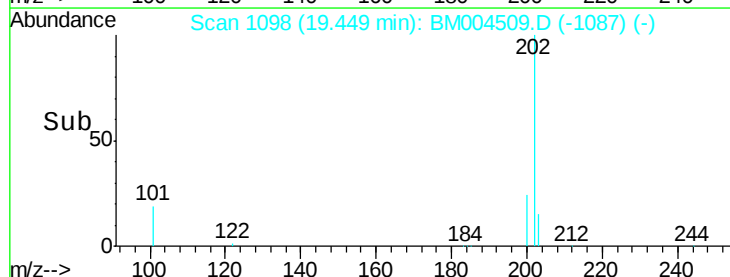
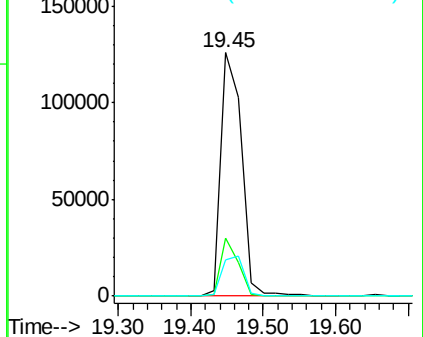
203 17.3 13.8 20.8

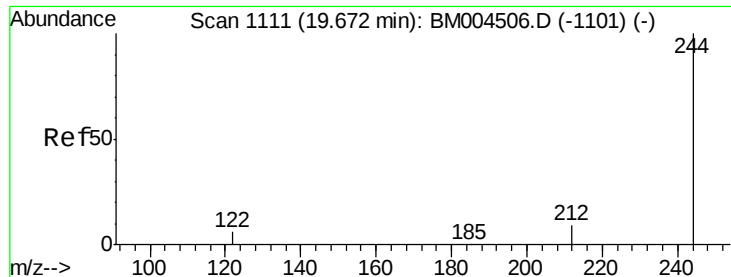


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 10.09 ng

RT: 19.67 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

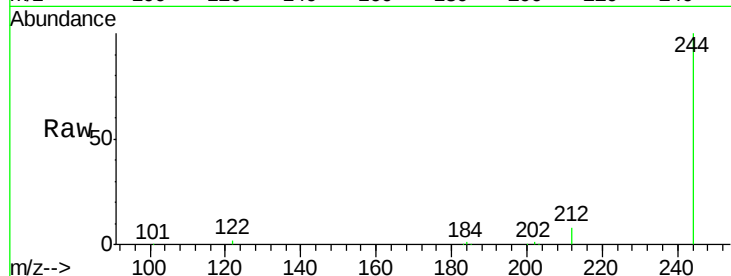
Tgt Ion:244 Resp: 107647

Ion Ratio Lower Upper

244 100

212 7.6 7.5 11.3

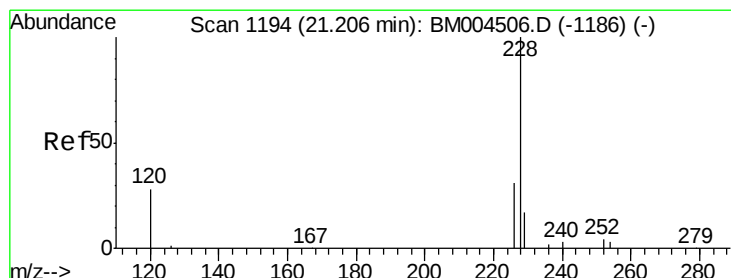
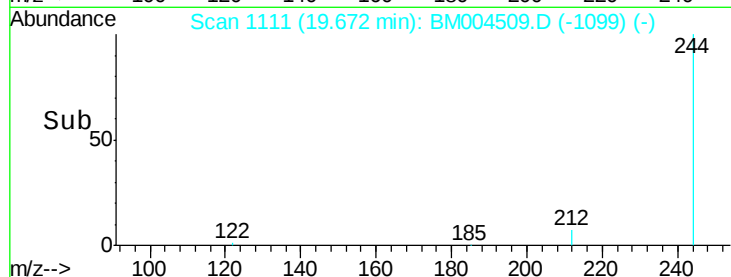
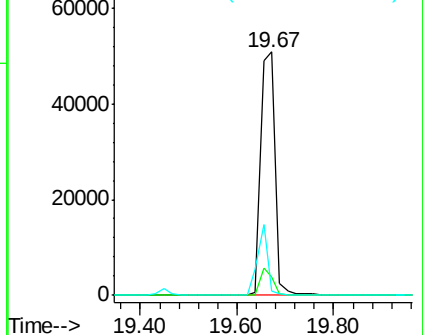
122 1.7 5.4 8.2#



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: 9.31 ng

RT: 21.21 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

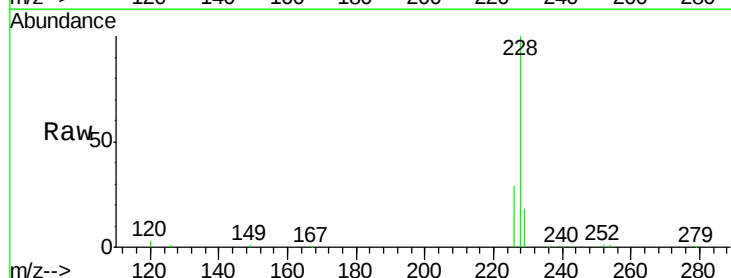
Tgt Ion:228 Resp: 269872

Ion Ratio Lower Upper

228 100

226 29.0 25.2 37.8

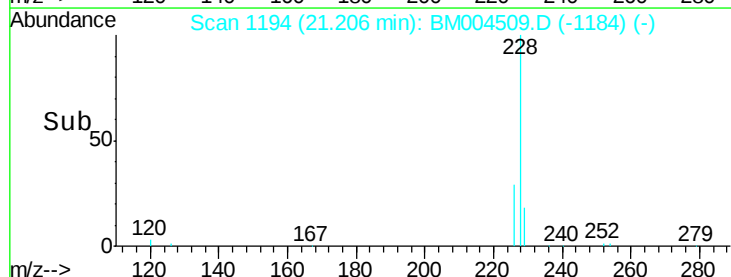
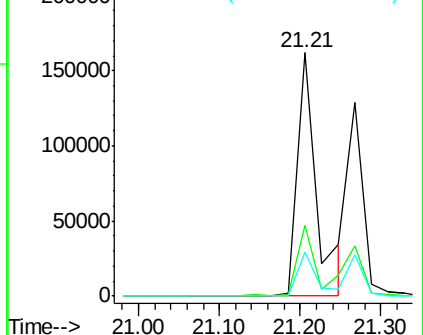
229 17.9 13.9 20.9

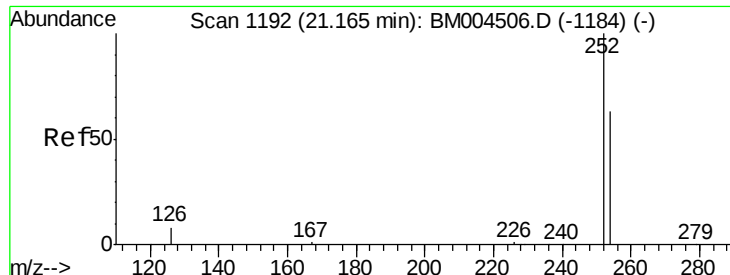


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

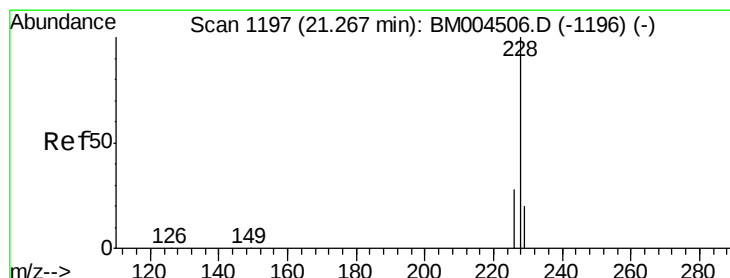
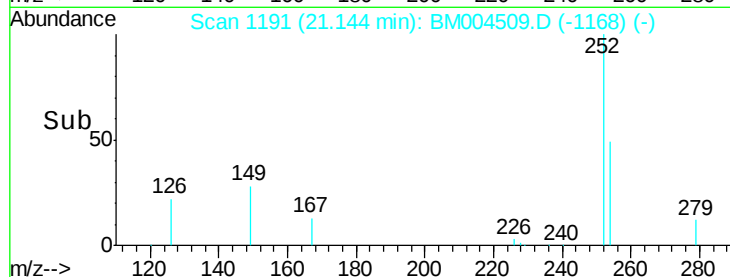
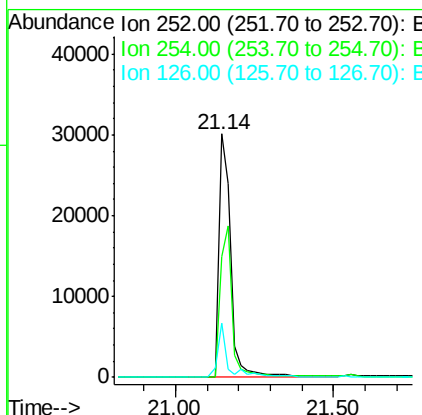
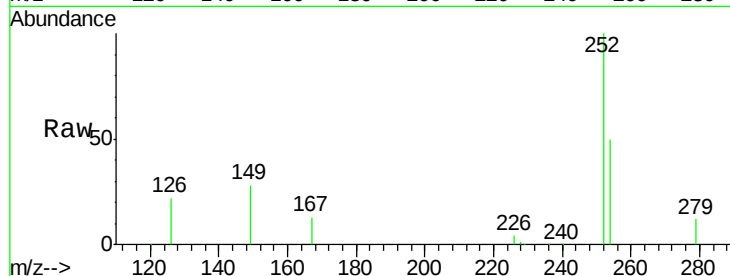




#31
 3,3'-Dichlorobenzidine
 Concen: 4.63 ng
 RT: 21.14 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BM004509.D
 Acq: 02 Mar 2016 01:56

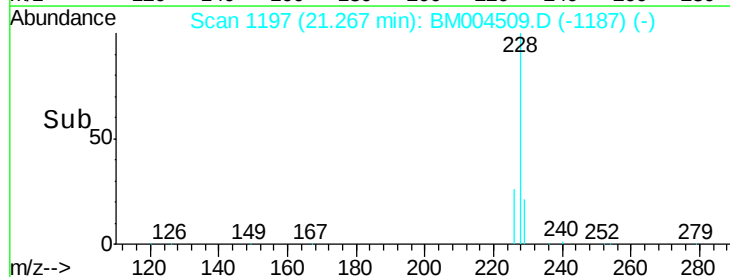
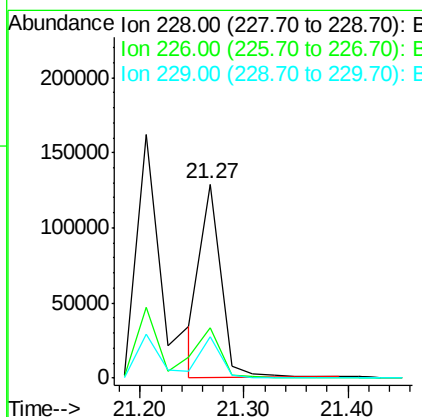
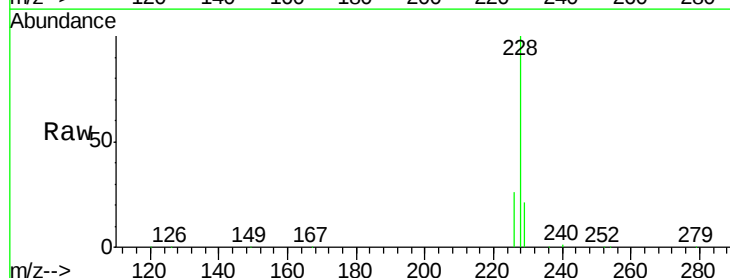
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

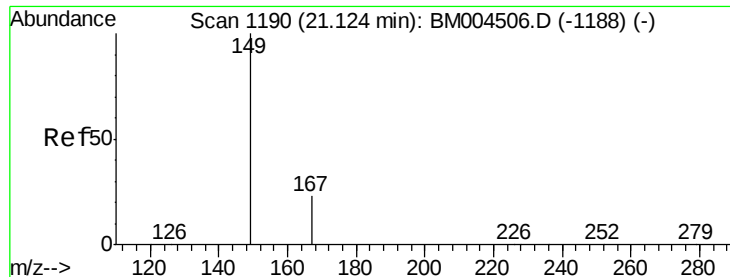
Tgt Ion: 252 Resp: 78185
 Ion Ratio Lower Upper
 252 100
 254 49.5 51.1 76.7#
 126 22.3 8.4 12.6#



#32
 Chrysene
 Concen: 2.96 ng
 RT: 21.27 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BM004509.D
 Acq: 02 Mar 2016 01:56

Tgt Ion: 228 Resp: 172493
 Ion Ratio Lower Upper
 228 100
 226 26.0 23.7 35.5
 229 21.3 15.8 23.6





#33

Bis(2-ethylhexyl)phthalate

Concen: 8.95 ng

RT: 21.12 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

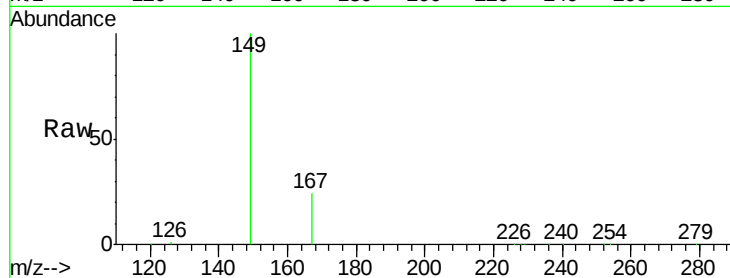
Tgt Ion:149 Resp: 194639

Ion Ratio Lower Upper

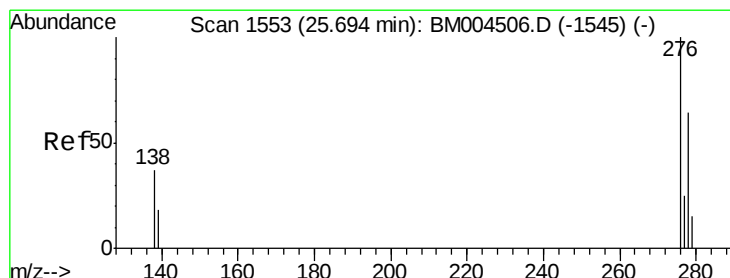
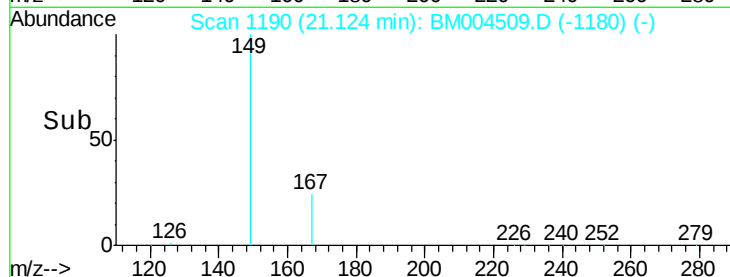
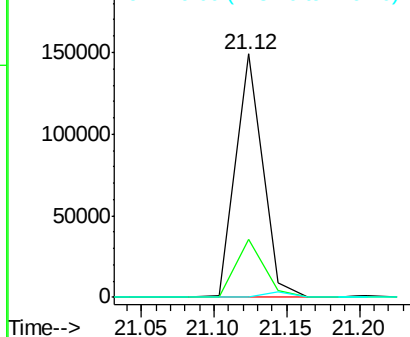
149 100

167 24.9 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: 8.42 ng

RT: 25.67 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

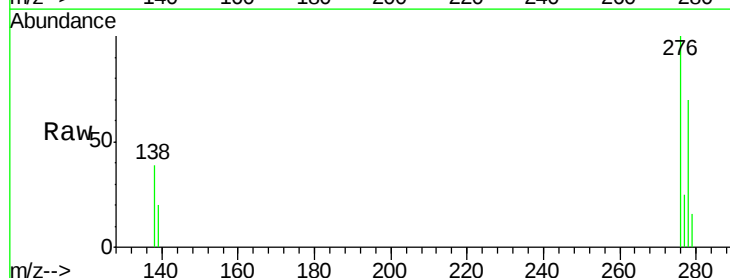
Tgt Ion:276 Resp: 224884

Ion Ratio Lower Upper

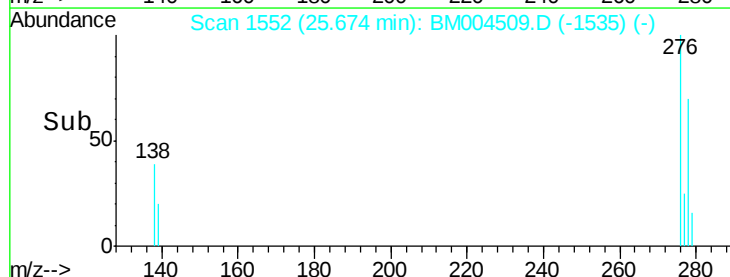
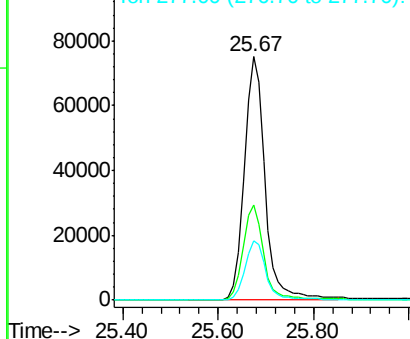
276 100

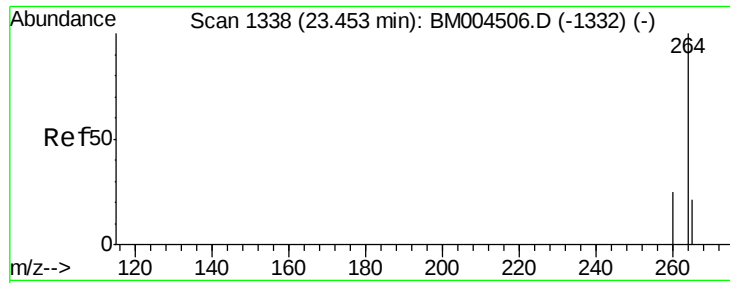
138 38.8 31.0 46.4

277 24.8 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# 1339

Delta R.T. 0.00 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

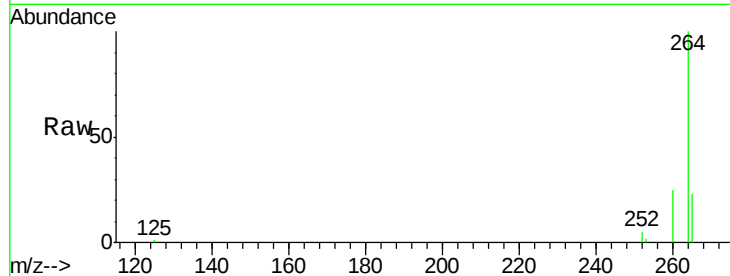
Tgt Ion:264 Resp: 68131

Ion Ratio Lower Upper

264 100

260 25.0 20.5 30.7

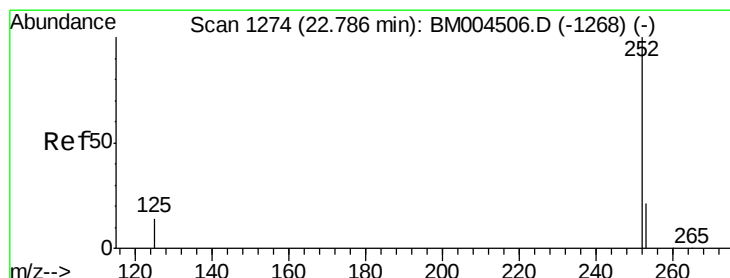
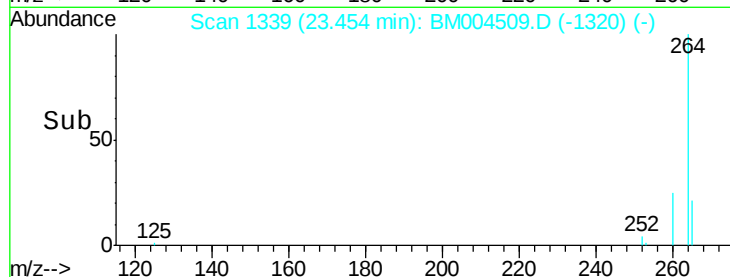
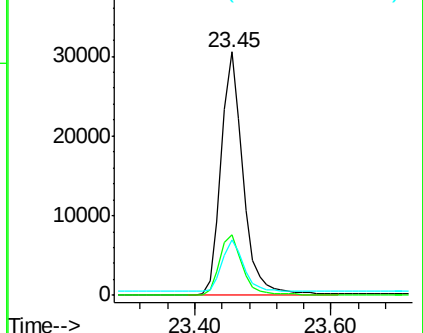
265 22.8 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#36

Benzo(b)fluoranthene

Concen: 9.55 ng

RT: 22.78 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

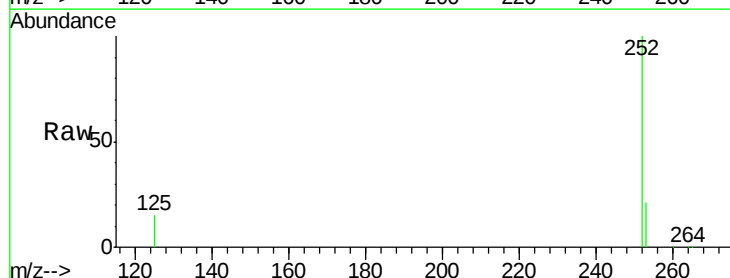
Tgt Ion:252 Resp: 243887

Ion Ratio Lower Upper

252 100

253 20.6 17.9 26.9

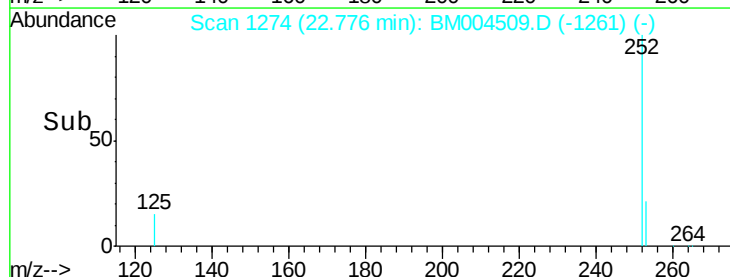
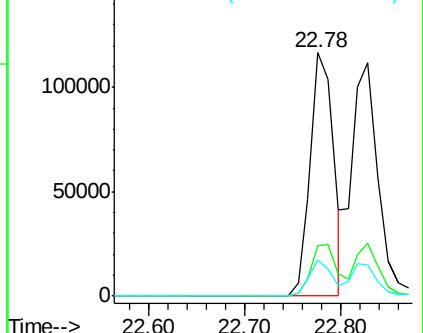
125 15.1 12.8 19.2

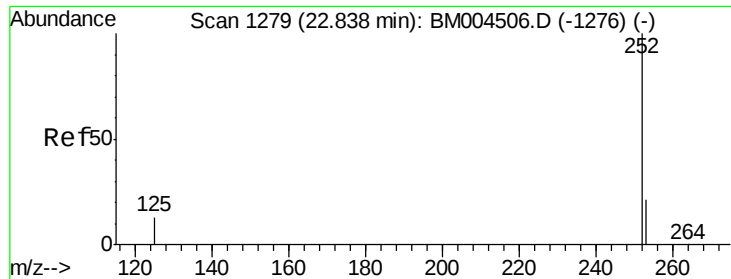


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

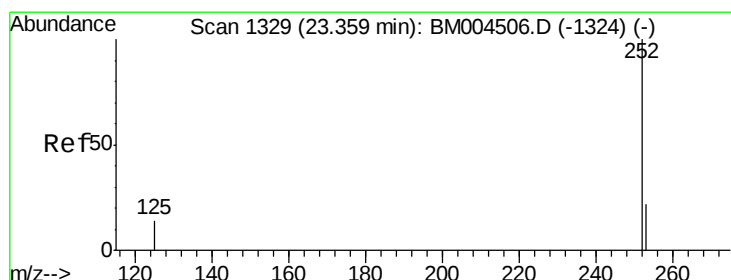
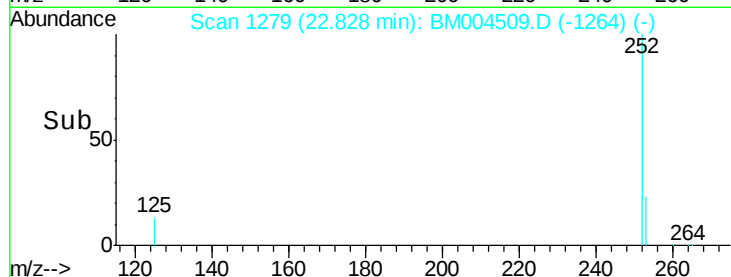
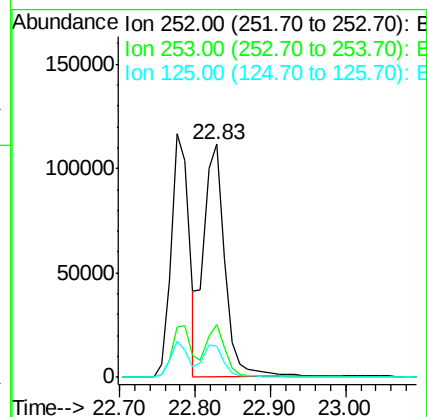
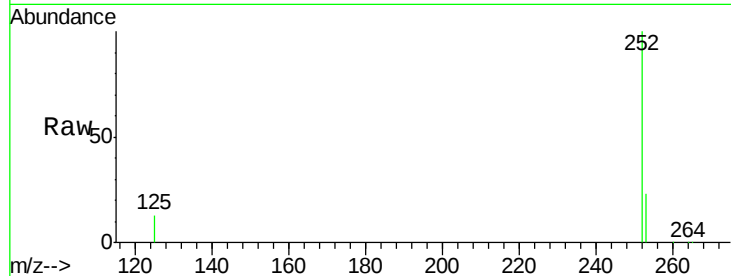




#37
Benzo(k)fluoranthene
Concen: 8.36 ng
RT: 22.83 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BM004509.D
Acq: 02 Mar 2016 01:56

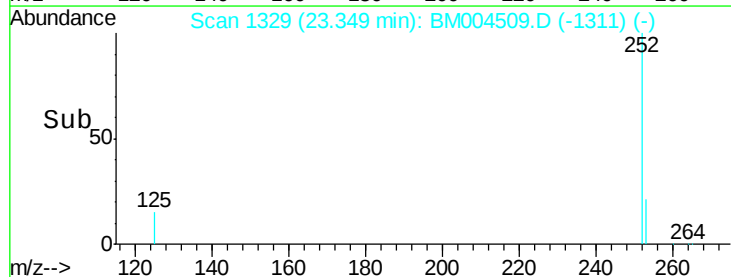
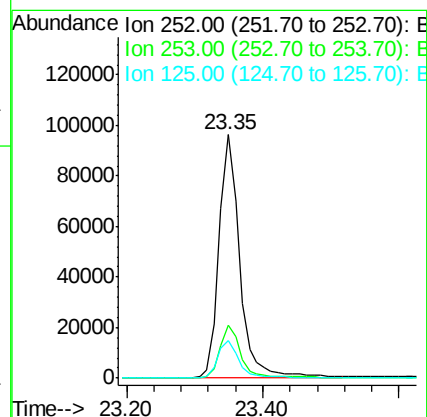
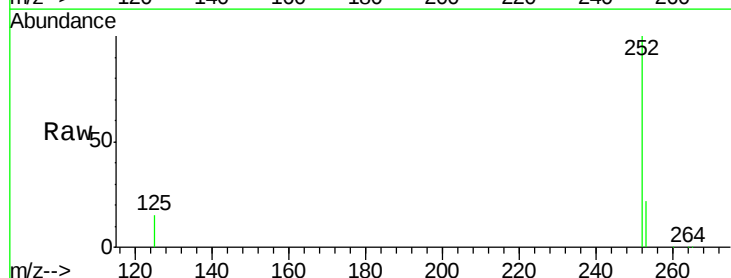
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

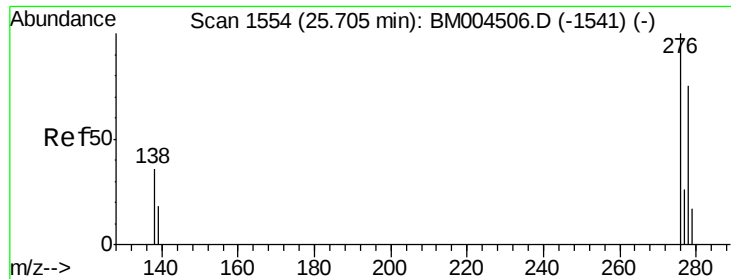
Tgt Ion: 252 Resp: 214948
Ion Ratio Lower Upper
252 100
253 22.6 19.4 29.2
125 13.3 11.8 17.8



#38
Benzo(a)pyrene
Concen: 8.51 ng
RT: 23.35 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BM004509.D
Acq: 02 Mar 2016 01:56

Tgt Ion: 252 Resp: 199001
Ion Ratio Lower Upper
252 100
253 21.6 20.0 30.0
125 15.4 13.4 20.0





#39

Dibenzo(a,h)anthracene

Concen: 8.79 ng

RT: 25.68 min Scan# 1553

Delta R.T. -0.02 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

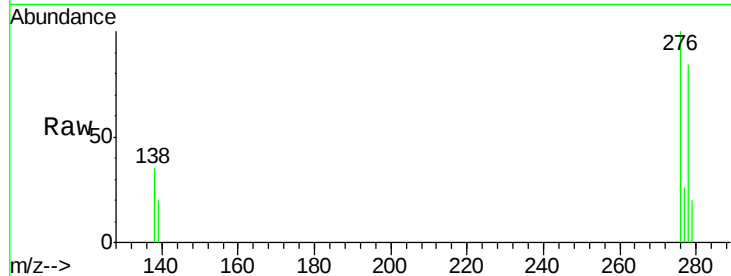
Tgt Ion: 278 Resp: 178282

Ion Ratio Lower Upper

278 100

139 24.3 20.9 31.3

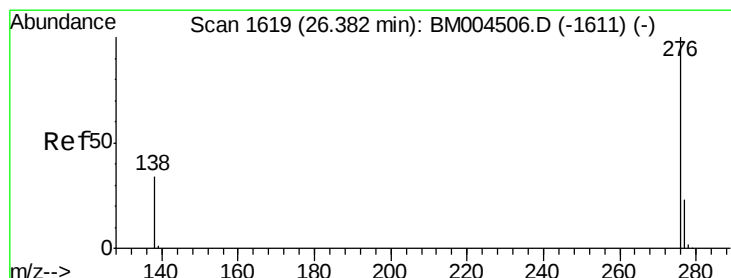
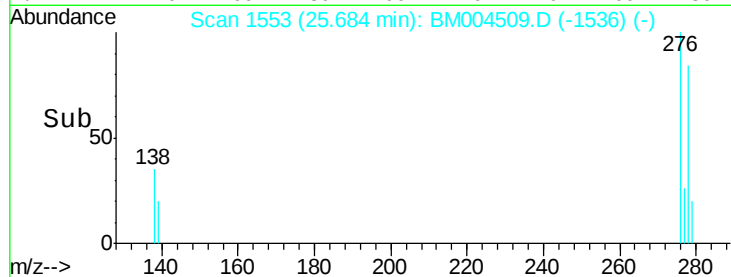
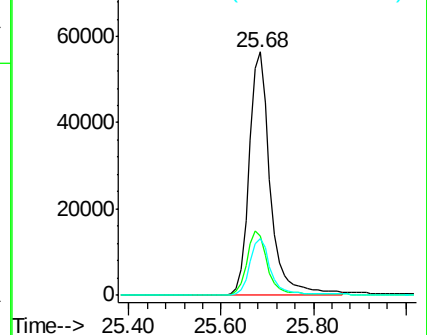
279 23.5 20.4 30.6



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: 8.57 ng

RT: 26.36 min Scan# 1618

Delta R.T. -0.02 min

Lab File: BM004509.D

Acq: 02 Mar 2016 01:56

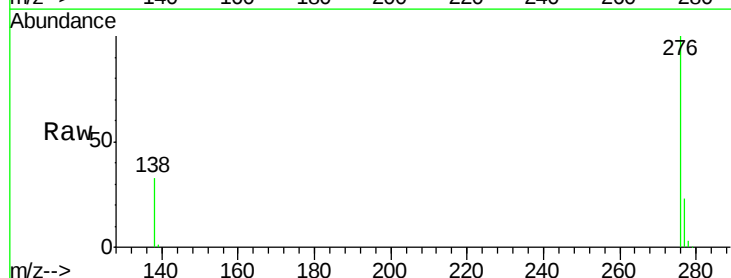
Tgt Ion: 276 Resp: 191258

Ion Ratio Lower Upper

276 100

277 23.4 19.4 29.0

138 32.9 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

