

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010216\
 Data File : BM003908.D
 Acq On : 31 Dec 2015 11:21
 Operator : SJ/UM
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

Quant Time: Dec 31 15:03:05 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM010216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:50:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	51824	5.00	ng	0.00
7) Naphthalene-d8	10.46	136	211332	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	110779	5.00	ng	-0.02
19) Phenanthrene-d10	17.07	188	267472	5.00	ng	0.00
26) Chrysene-d12	21.28	240	211888	5.00	ng	0.01
35) Perylene-d12	23.52	264	141449	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	2214	0.21	ng	0.00
5) Phenol-d6	6.87	99	2535	0.20	ng	0.02
8) Nitrobenzene-d5	8.84	82	1979	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	446	0.19	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	7529	0.21	ng	0.00
29) Terphenyl-d14	19.71	244	6489	0.19	ng	-0.01

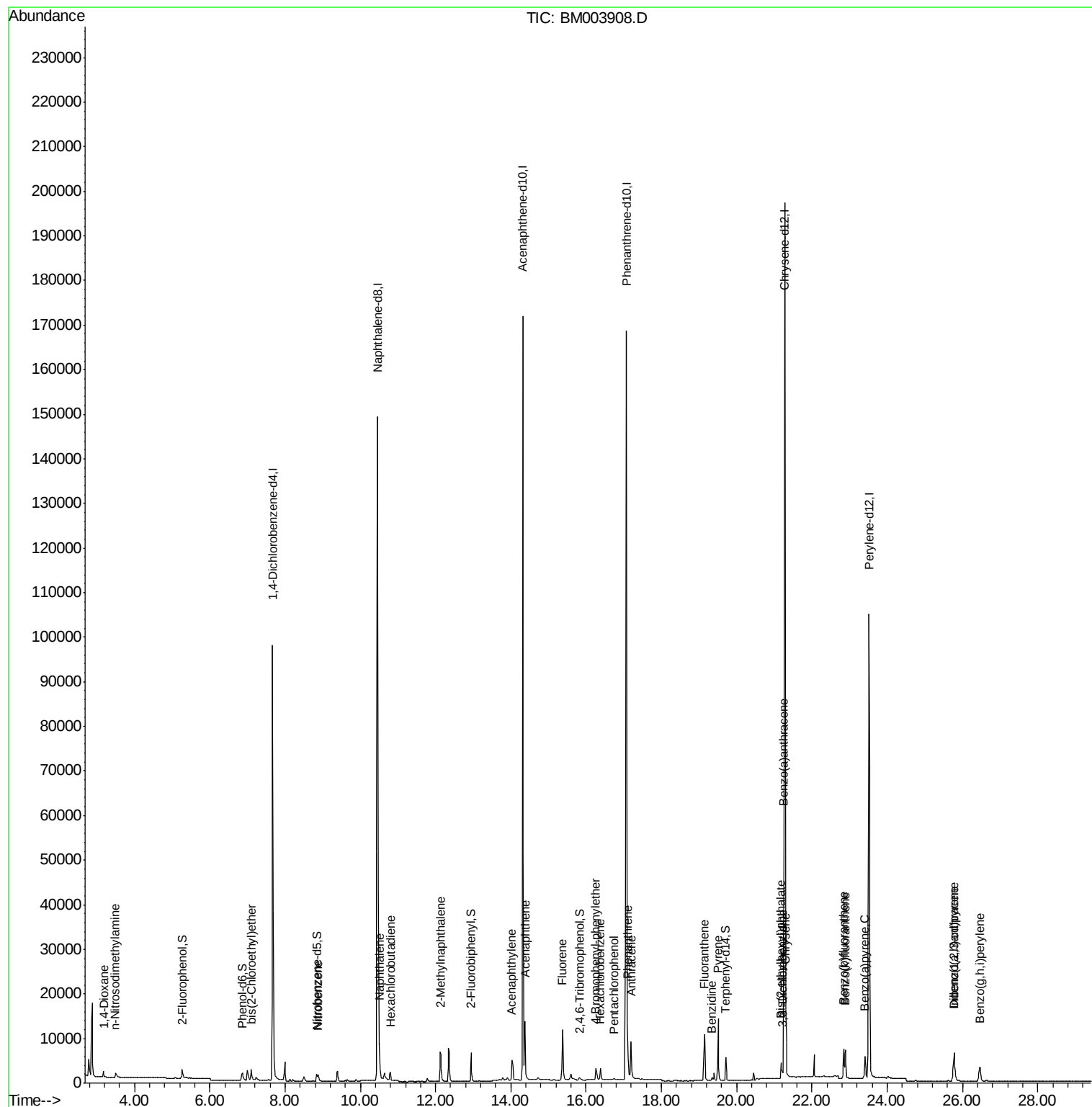
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	1143	0.22	ng	98
3) n-Nitrosodimethylamine	3.49	42	1085	0.20	ng	# 97
6) bis(2-Chloroethyl)ether	7.11	93	2384	0.20	ng	99
9) Nitrobenzene	8.88	77	2062	0.19	ng	99
10) Naphthalene	10.51	128	10073	0.21	ng	97
11) Hexachlorobutadiene	10.80	225	1537	0.21	ng	99
12) 2-Methylnaphthalene	12.13	142	6569	0.21	ng	# 89
16) Acenaphthylene	14.02	152	8555	0.19	ng	# 87
17) Acenaphthene	14.38	154	7396	0.22	ng	98
18) Fluorene	15.38	166	8083	0.21	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	1745	0.21	ng	# 15
21) Hexachlorobenzene	16.38	284	2064	0.23	ng	# 67
22) Pentachlorophenol	16.74	266	287	0.16	ng	# 83
23) Phenanthrene	17.09	178	12745	0.22	ng	98
24) Anthracene	17.20	178	11359	0.21	ng	98
25) Fluoranthene	19.15	202	12781	0.21	ng	100
27) Benzidine	19.34	184	2241	0.16	ng	# 85
28) Pyrene	19.51	202	14159	0.19	ng	100
30) Benzo(a)anthracene	21.26	228	11912m	0.20	ng	
31) 3,3'-Dichlorobenzidine	21.22	252	2328	0.16	ng	# 89
32) Chrysene	21.30	228	11518m	0.18	ng	
33) Bis(2-ethylhexyl)phthalate	21.17	149	4406	0.19	ng	# 94
34) Indeno(1,2,3-cd)pyrene	25.77	276	8016	0.18	ng	100
36) Benzo(b)fluoranthene	22.84	252	9961	0.23	ng	# 95
37) Benzo(k)fluoranthene	22.89	252	8135	0.19	ng	93
38) Benzo(a)pyrene	23.41	252	7669	0.21	ng	# 93
39) Dibenzo(a,h)anthracene	25.78	278	6348	0.20	ng	92
40) Benzo(g,h,i)perylene	26.46	276	6874	0.21	ng	93

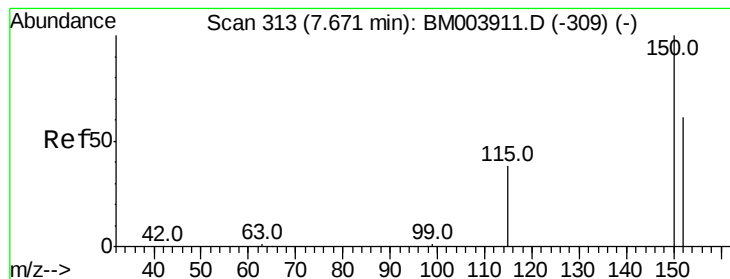
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.67 min Scan# 313

Delta R.T. 0.00 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

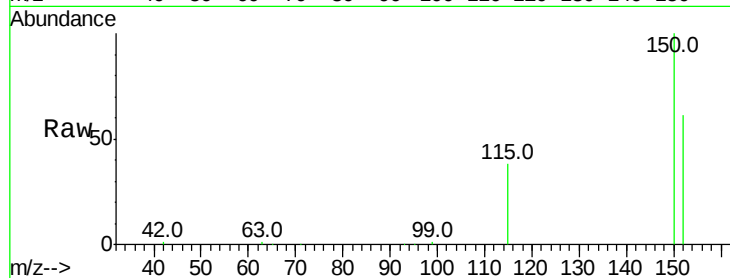
Tot Ion:152 Resp: 51824

Ion Ratio Lower Upper

152 100

150 163.2 122.9 184.3

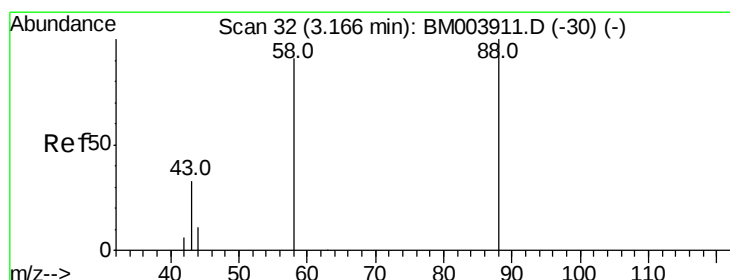
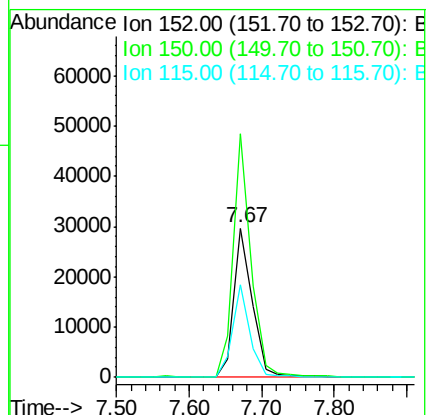
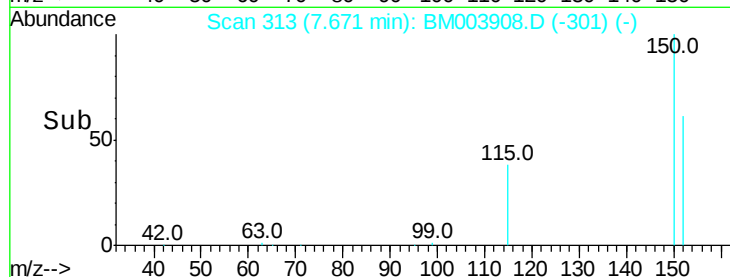
115 61.8 44.4 66.6



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: 0.22 ng

RT: 3.18 min Scan# 33

Delta R.T. 0.02 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

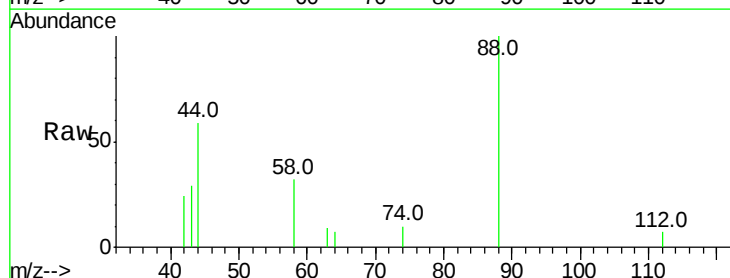
Tgt Ion: 88 Resp: 1143

Ion Ratio Lower Upper

88 100

58 67.7 53.8 80.6

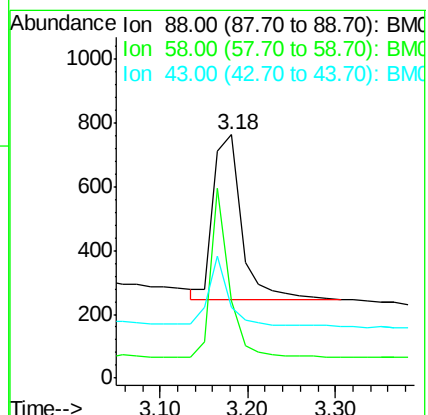
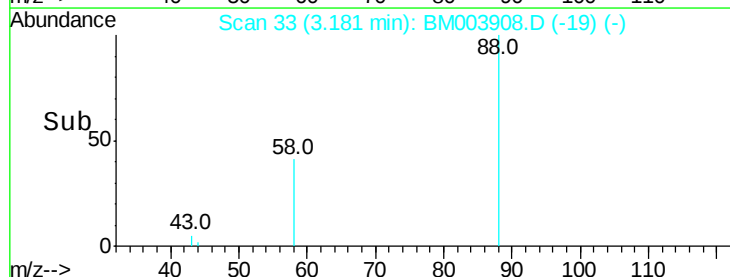
43 32.2 23.8 35.6

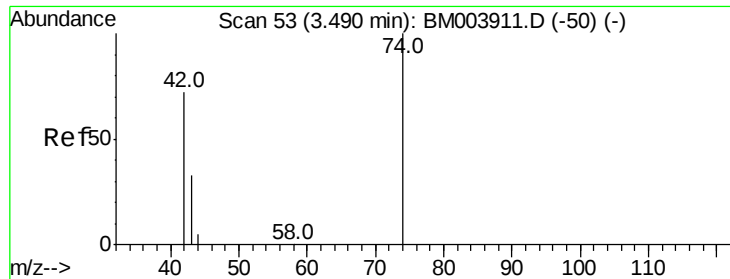


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.20 ng

RT: 3.49 min Scan# 53

Delta R.T. 0.00 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

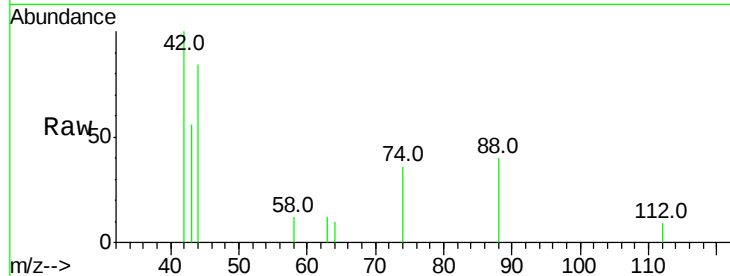
Tot Ion: 42 Resp: 1085

Ion Ratio Lower Upper

42 100

74 116.1 95.0 142.4

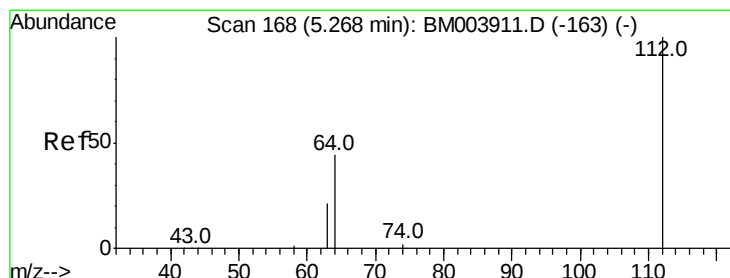
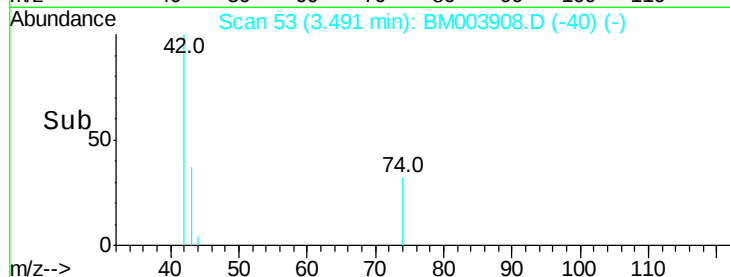
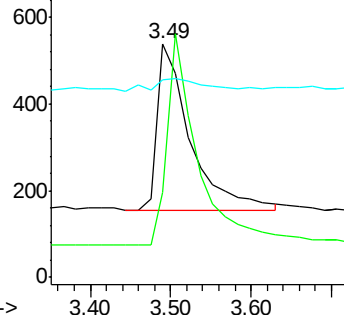
44 13.2 5.1 7.7#



Abundance Ion 42.00 (41.70 to 42.70): BM003911.D (-50) (-)

Ion 74.00 (73.70 to 74.70): BM003911.D (-50) (-)

Ion 44.00 (43.70 to 44.70): BM003911.D (-50) (-)



#4

2-Fluorophenol

Concen: 0.21 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

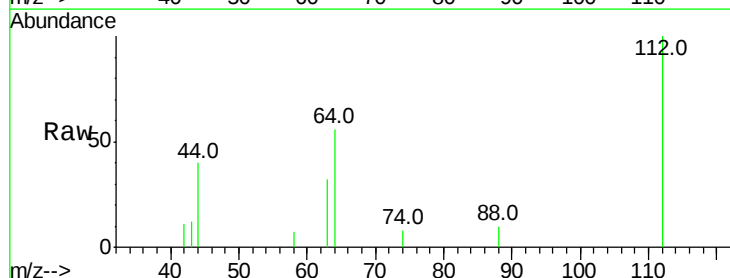
Tgt Ion: 112 Resp: 2214

Ion Ratio Lower Upper

112 100

64 52.8 41.8 62.8

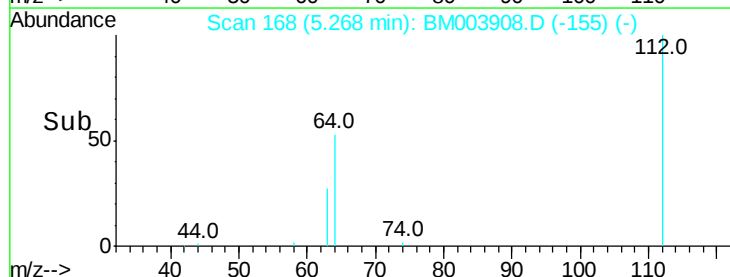
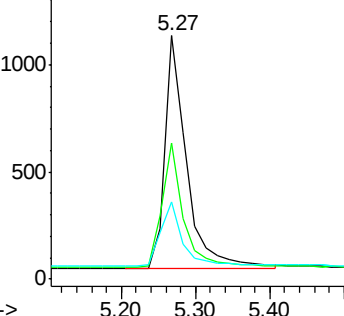
63 28.0 22.1 33.1

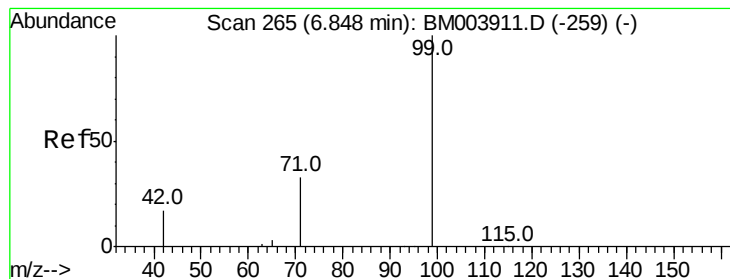


Abundance Ion 112.00 (111.70 to 112.70): BM003911.D (-163) (-)

Ion 64.00 (63.70 to 64.70): BM003911.D (-163) (-)

Ion 63.00 (62.70 to 63.70): BM003911.D (-163) (-)





#5

Phenol-d6

Concen: 0.20 ng

RT: 6.87 min Scan# 266

Delta R.T. 0.02 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

Instrument :

BNA_M

ClientSampled :

SSTDIC0.2

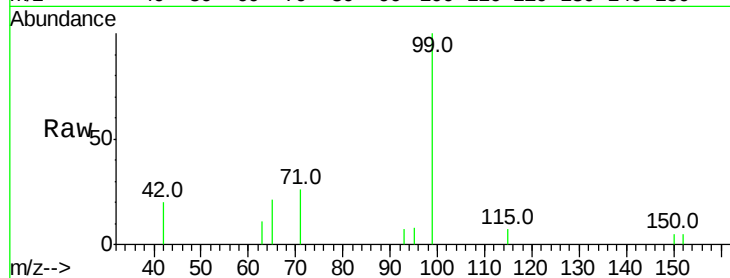
Tot Ion: 99 Resp: 2535

Ion Ratio Lower Upper

99 100

42 19.9 16.2 24.2

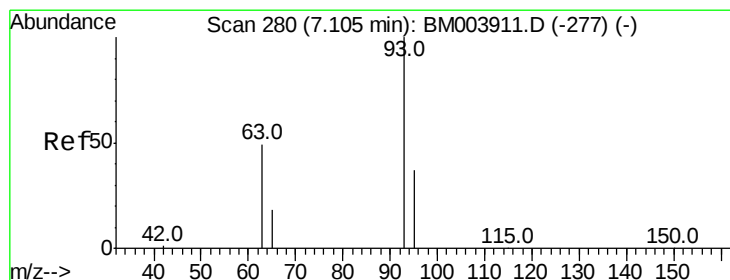
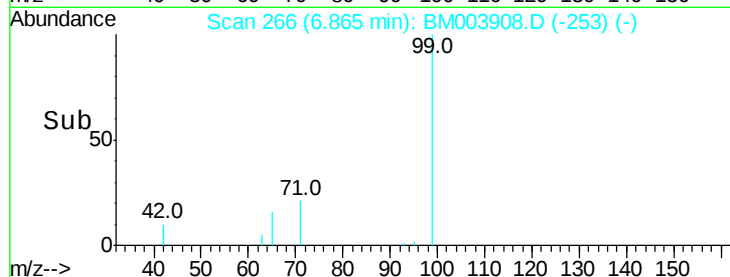
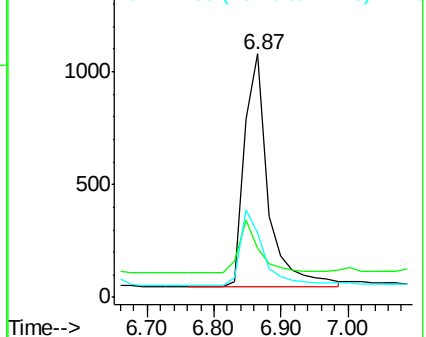
71 31.0 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM003908.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM003908.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM003908.D (-253) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.20 ng

RT: 7.11 min Scan# 280

Delta R.T. 0.00 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

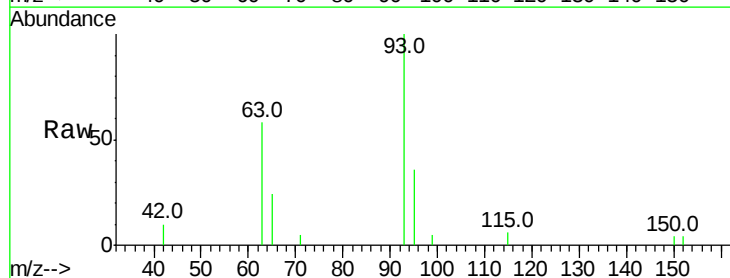
Tgt Ion: 93 Resp: 2384

Ion Ratio Lower Upper

93 100

63 73.1 58.3 87.5

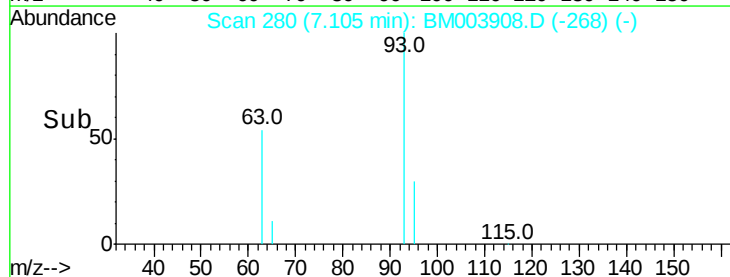
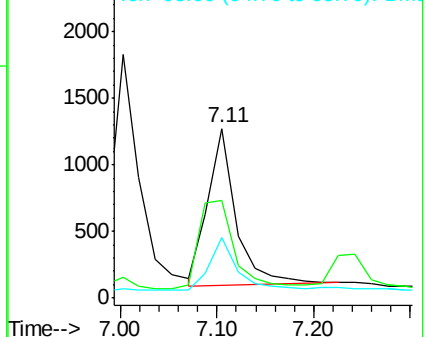
95 34.3 25.8 38.8

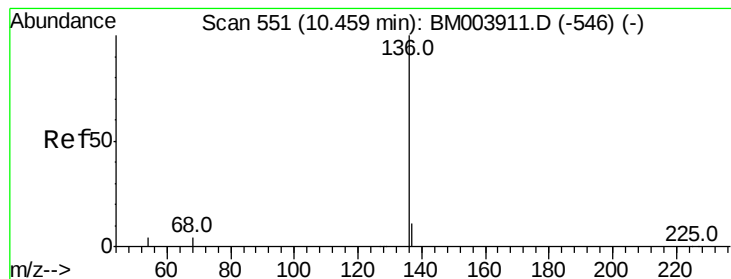


Abundance Ion 93.00 (92.70 to 93.70): BM003908.D (-268) (-)

Ion 63.00 (62.70 to 63.70): BM003908.D (-268) (-)

Ion 95.00 (94.70 to 95.70): BM003908.D (-268) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 550

Delta R.T. -0.00 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 211332

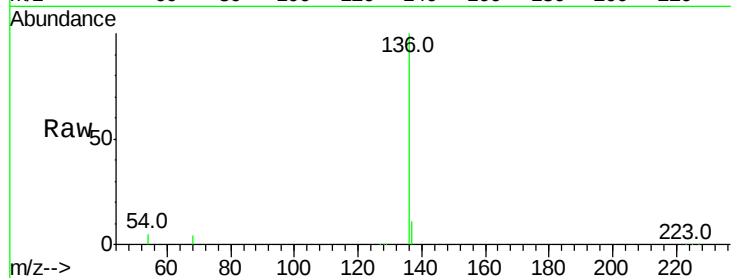
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 5.4 2.8 4.2#

68 4.4 2.5 3.7#

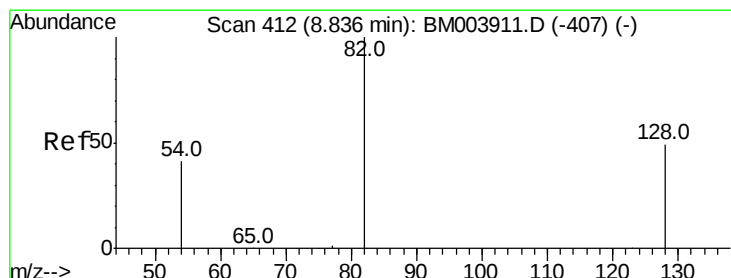
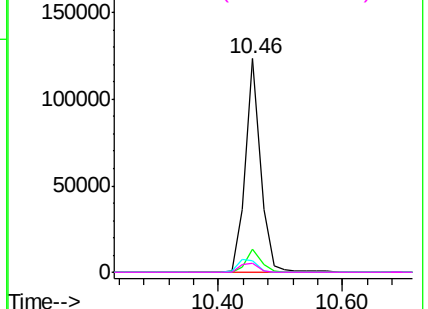
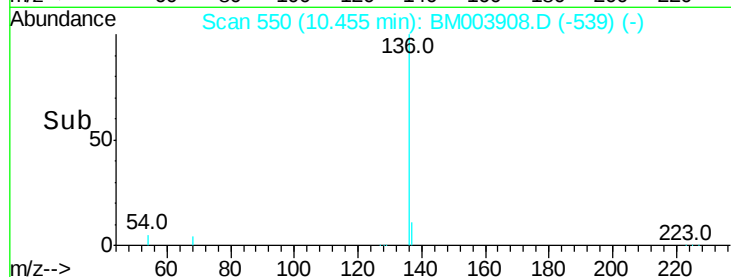


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.20 ng

RT: 8.84 min Scan# 412

Delta R.T. 0.01 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

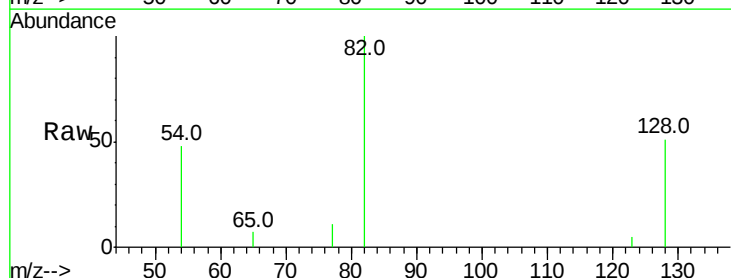
Tgt Ion: 82 Resp: 1979

Ion Ratio Lower Upper

82 100

128 50.6 39.1 58.7

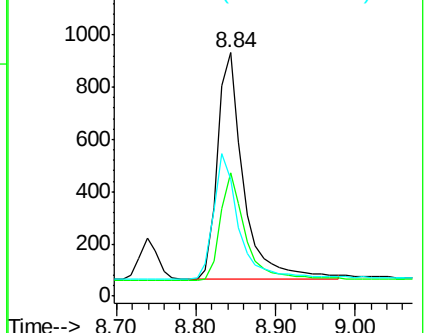
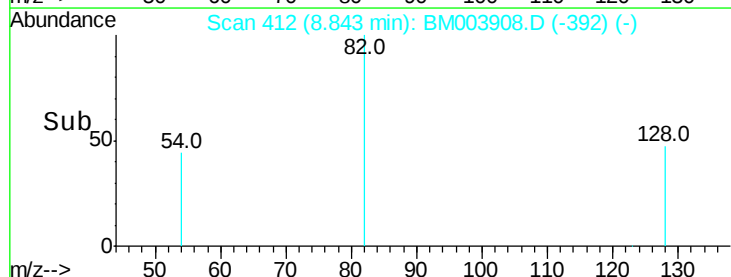
54 48.2 34.8 52.2

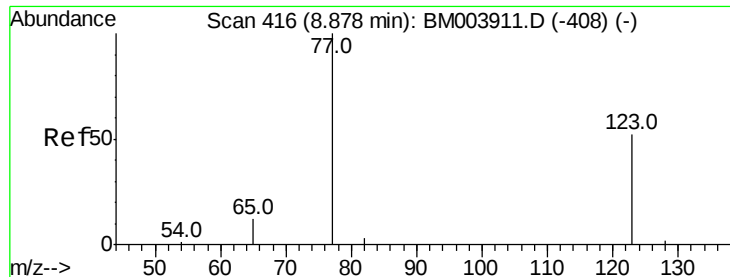


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.19 ng

RT: 8.88 min Scan# 416

Delta R.T. 0.01 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

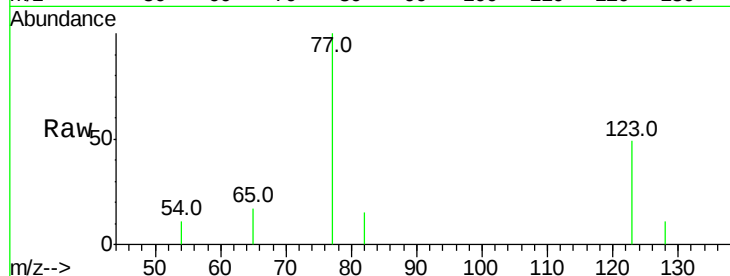
Tot Ion: 77 Resp: 2062

Ion Ratio Lower Upper

77 100

123 47.5 38.6 57.8

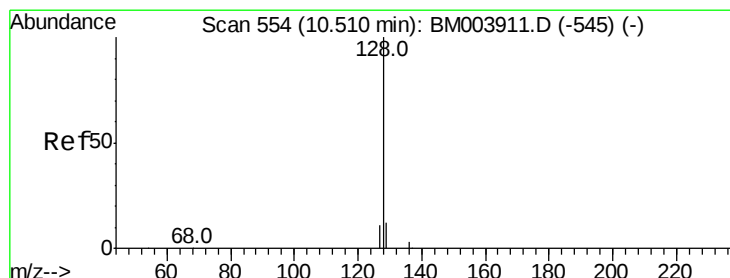
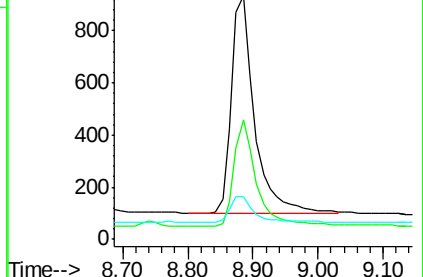
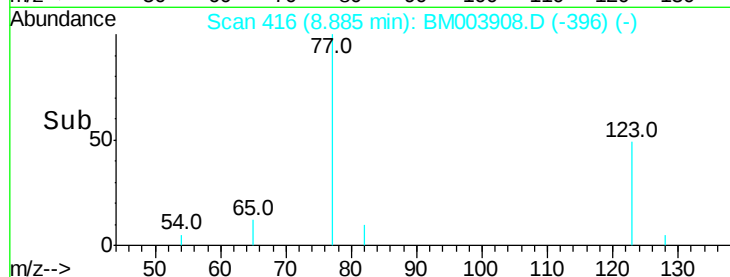
65 12.8 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BM003908.D (-396) (-)

Ion 123.00 (122.70 to 123.70): BM003908.D (-396) (-)

Ion 65.00 (64.70 to 65.70): BM003908.D (-396) (-)



#10

Naphthalene

Concen: 0.21 ng

RT: 10.51 min Scan# 553

Delta R.T. -0.00 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

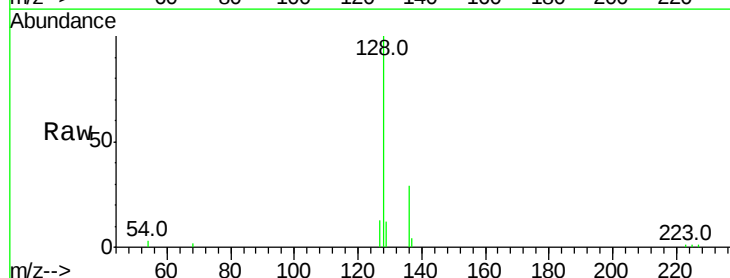
Tgt Ion: 128 Resp: 10073

Ion Ratio Lower Upper

128 100

129 12.2 8.5 12.7

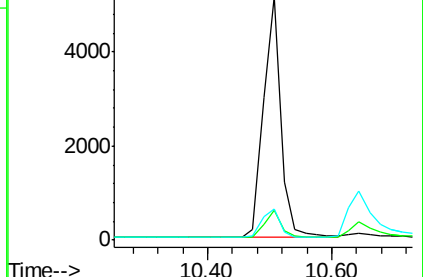
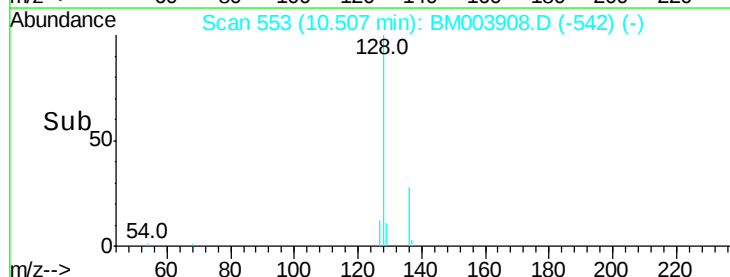
127 12.9 11.0 16.4

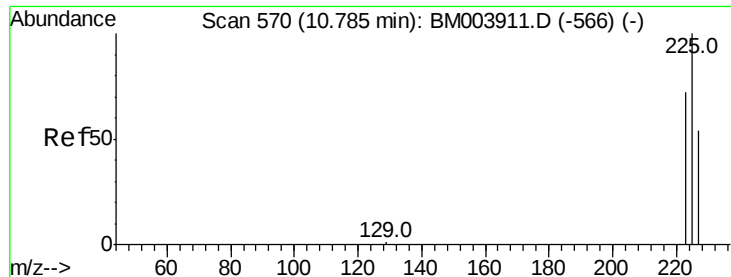


Abundance Ion 128.00 (127.70 to 128.70): BM003908.D (-542) (-)

Ion 129.00 (128.70 to 129.70): BM003908.D (-542) (-)

Ion 127.00 (126.70 to 127.70): BM003908.D (-542) (-)

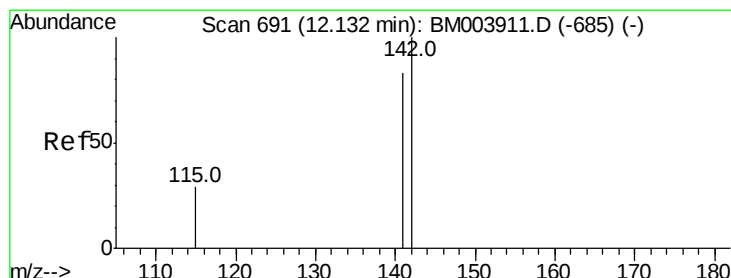
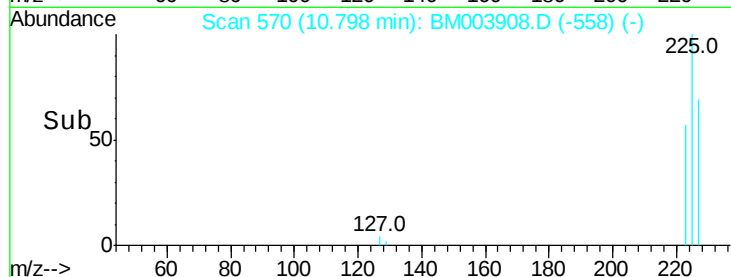
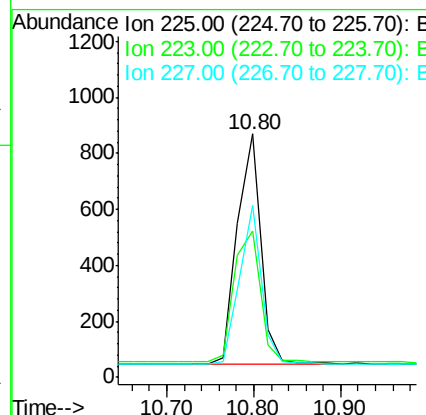
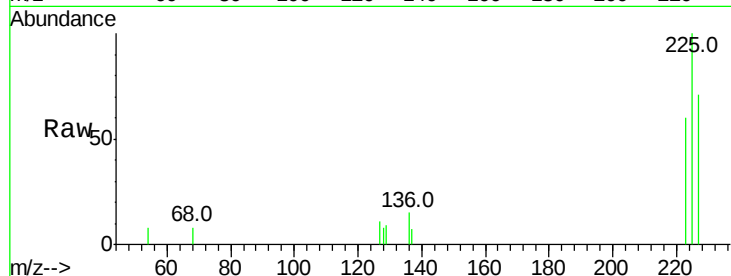




#11
Hexachlorobutadiene
Concen: 0.21 ng
RT: 10.80 min Scan# 570
Delta R.T. 0.01 min
Lab File: BM003908.D
Acq: 31 Dec 2015 11:21

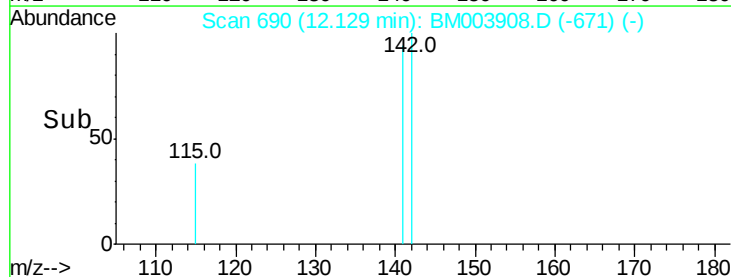
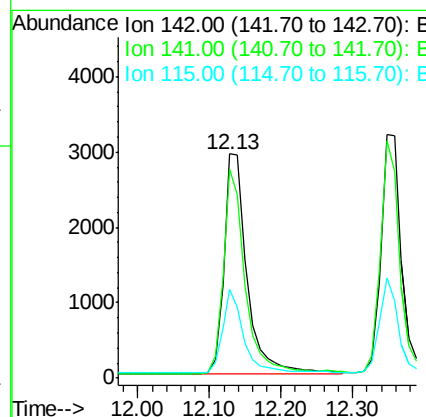
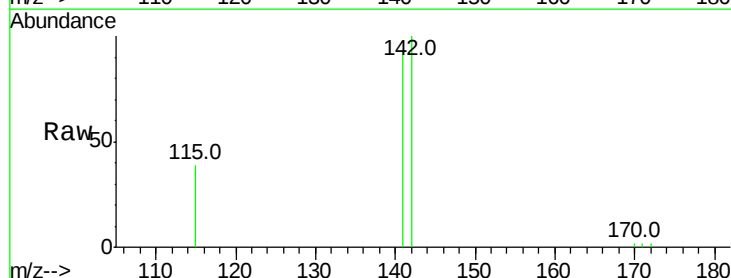
Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

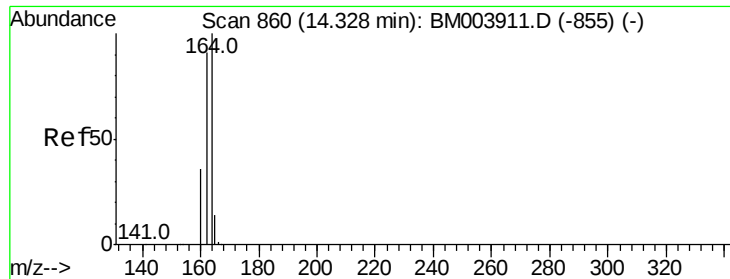
Tot Ion:225 Resp: 1537
Ion Ratio Lower Upper
225 100
223 64.0 50.9 76.3
227 64.8 51.2 76.8



#12
2-Methylnaphthalene
Concen: 0.21 ng
RT: 12.13 min Scan# 690
Delta R.T. -0.00 min
Lab File: BM003908.D
Acq: 31 Dec 2015 11:21

Tgt Ion:142 Resp: 6569
Ion Ratio Lower Upper
142 100
141 93.3 67.8 101.8
115 39.4 25.3 37.9#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.31 min Scan# 859

Delta R.T. -0.02 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

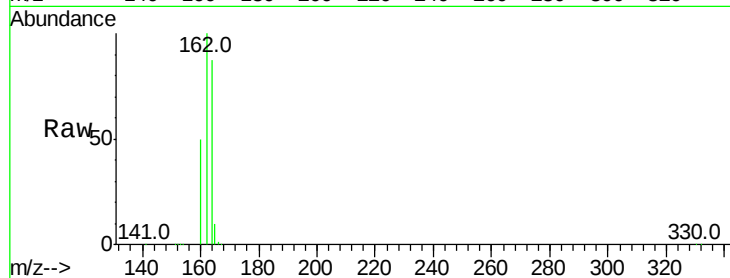
Tot Ion:164 Resp: 110779

Ion Ratio Lower Upper

164 100

162 115.3 86.0 129.0

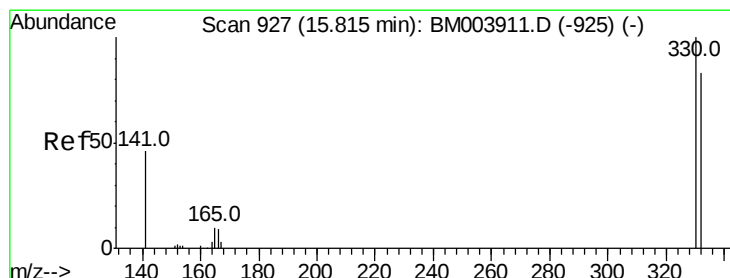
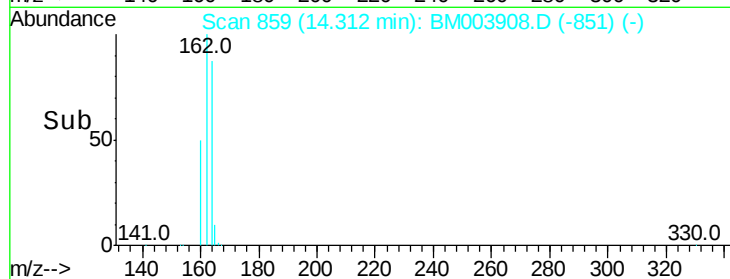
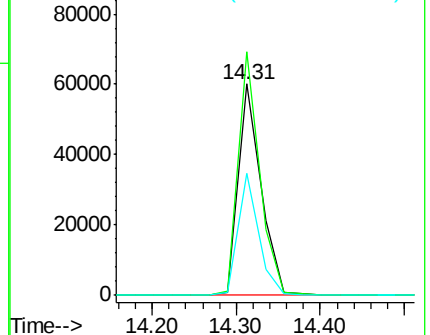
160 57.5 40.3 60.5



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: 0.19 ng

RT: 15.82 min Scan# 927

Delta R.T. 0.01 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

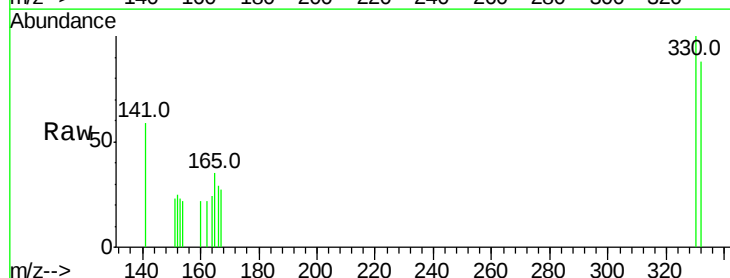
Tgt Ion:330 Resp: 446

Ion Ratio Lower Upper

330 100

332 96.2 79.0 118.4

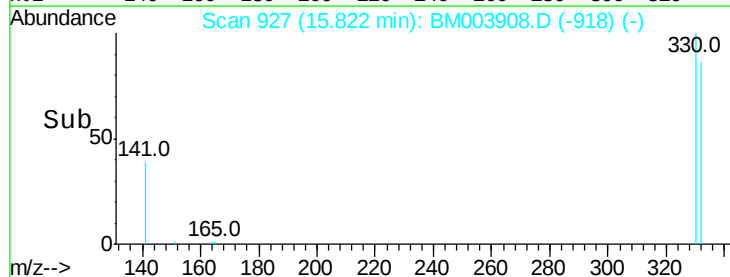
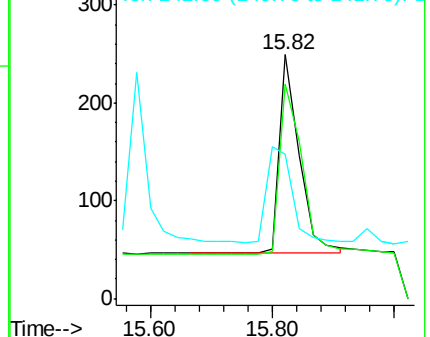
141 0.0 0.0 0.0

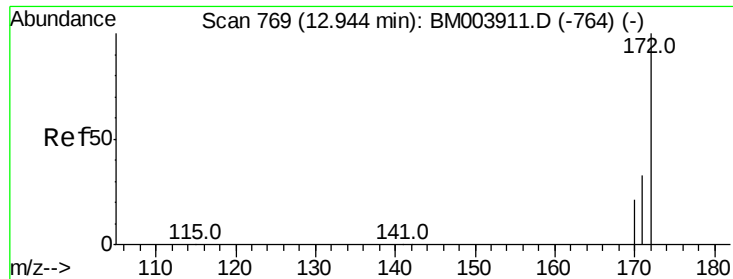


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

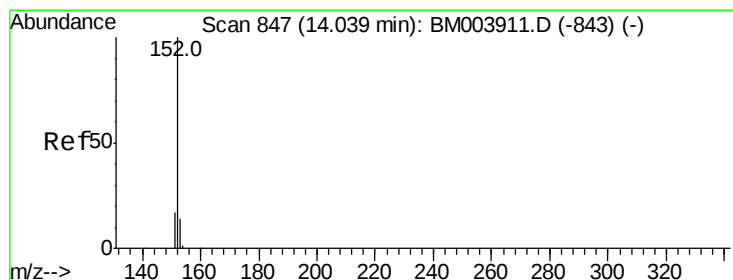
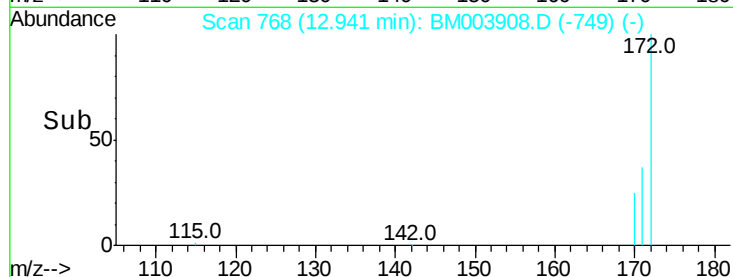
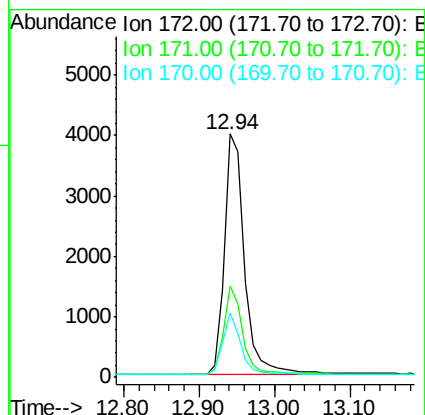
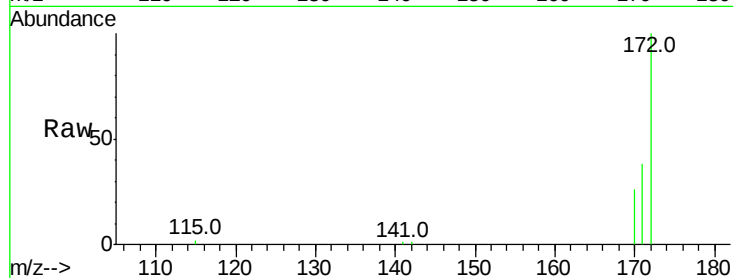




#15
2-Fluorobiphenyl
Concen: 0.21 ng
RT: 12.94 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM003908.D
Acq: 31 Dec 2015 11:21

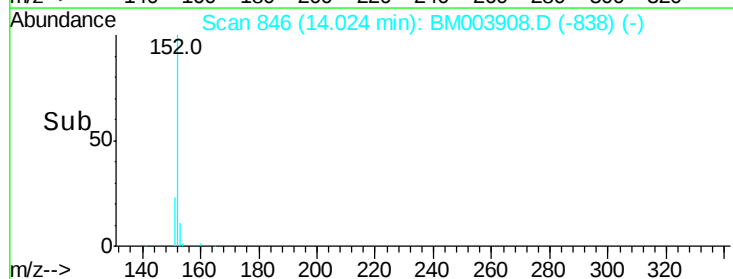
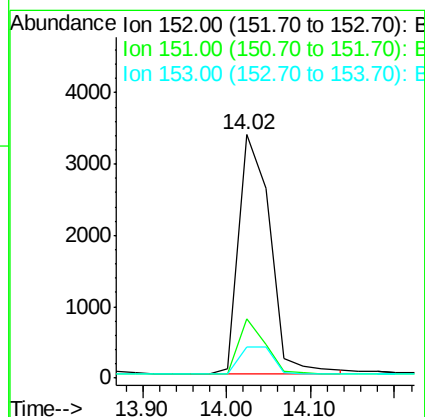
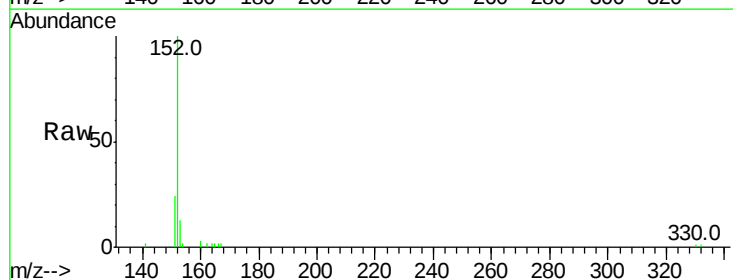
Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

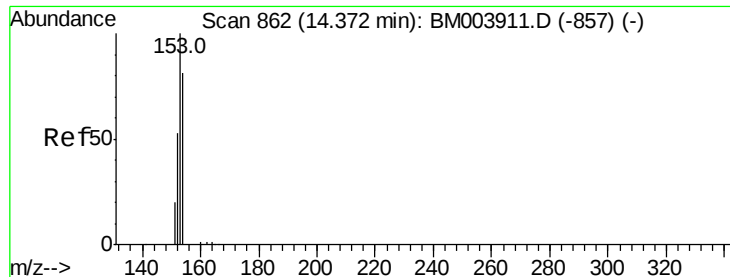
Tot Ion:172 Resp: 7529
Ion Ratio Lower Upper
172 100
171 37.6 27.0 40.6
170 26.3 17.9 26.9



#16
Acenaphthylene
Concen: 0.19 ng
RT: 14.02 min Scan# 846
Delta R.T. -0.02 min
Lab File: BM003908.D
Acq: 31 Dec 2015 11:21

Tgt Ion:152 Resp: 8555
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 0.0 10.2 15.4#

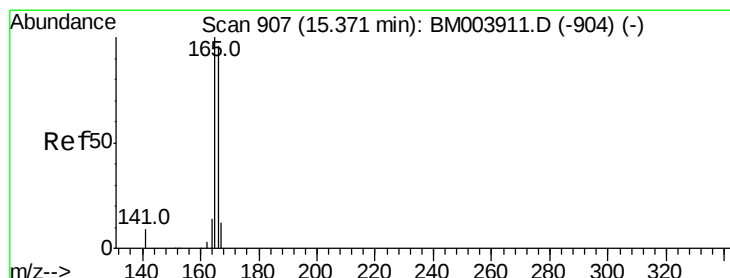
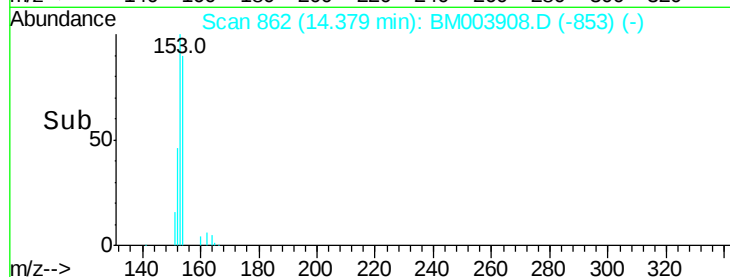
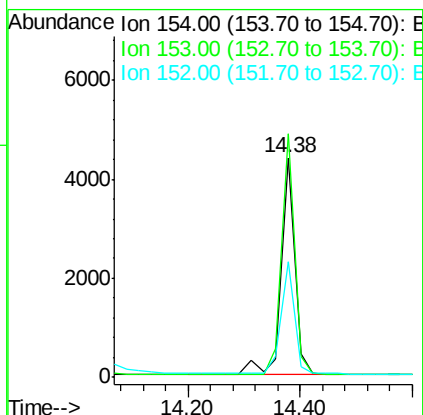
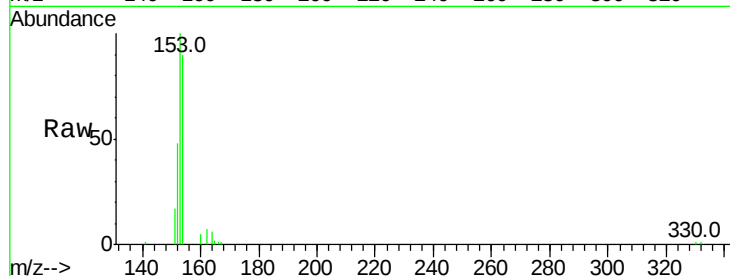




#17
Acenaphthene
Concen: 0.22 ng
RT: 14.38 min Scan# 862
Delta R.T. 0.01 min
Lab File: BM003908.D
Acq: 31 Dec 2015 11:21

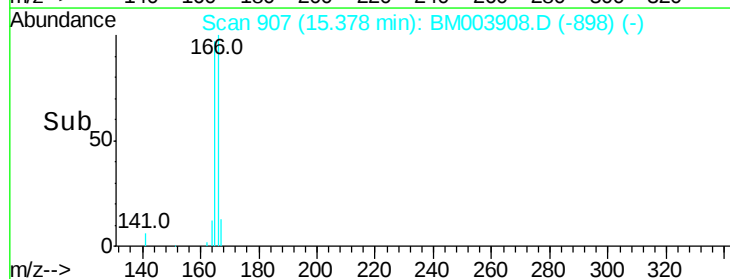
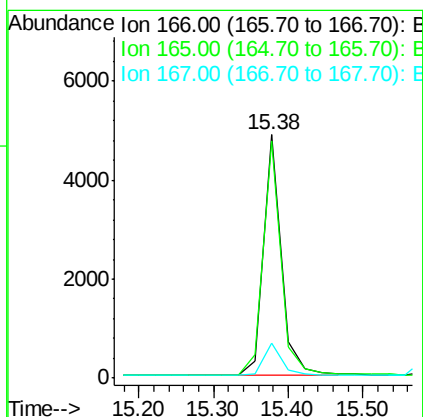
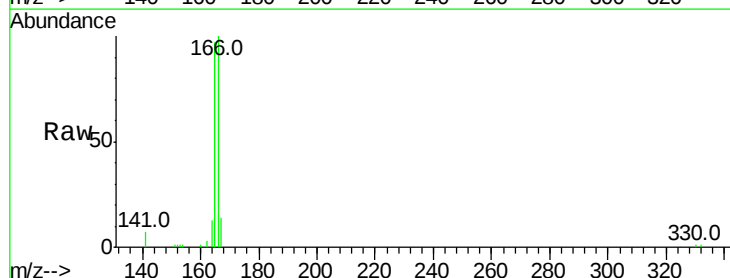
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

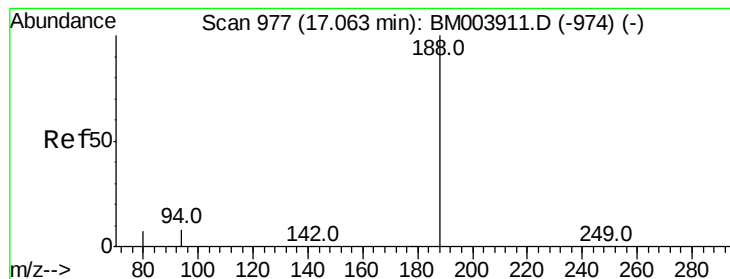
Tot Ion:154 Resp: 7396
Ion Ratio Lower Upper
154 100
153 104.9 85.4 128.2
152 50.0 40.6 60.8



#18
Fluorene
Concen: 0.21 ng
RT: 15.38 min Scan# 907
Delta R.T. 0.01 min
Lab File: BM003908.D
Acq: 31 Dec 2015 11:21

Tgt Ion:166 Resp: 8083
Ion Ratio Lower Upper
166 100
165 97.7 77.2 115.8
167 13.4 11.0 16.6





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.07 min Scan# 977

Delta R.T. 0.01 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

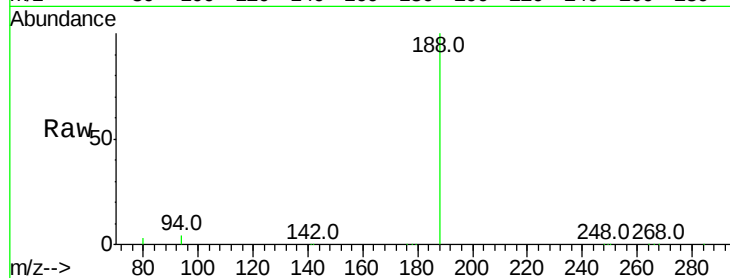
Tot Ion:188 Resp: 267472

Ion Ratio Lower Upper

188 100

94 3.6 20.3 30.5#

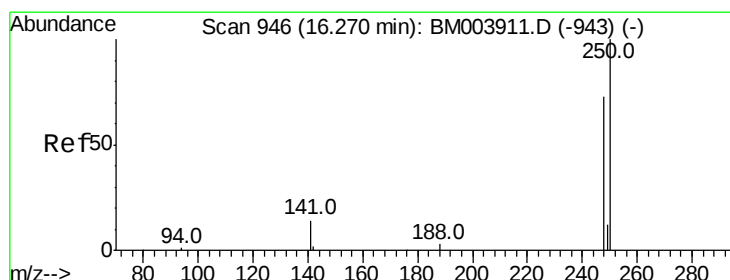
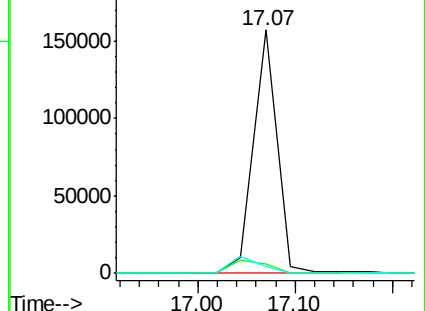
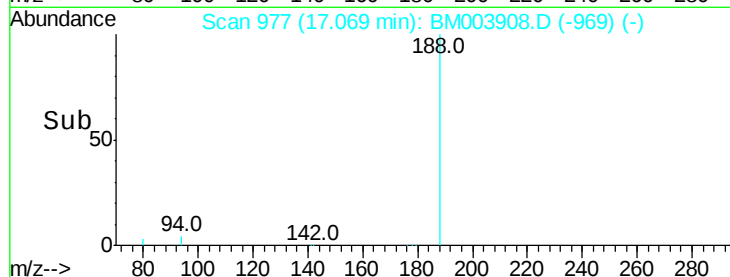
80 3.0 22.2 33.4#



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: 0.21 ng

RT: 16.25 min Scan# 945

Delta R.T. -0.02 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

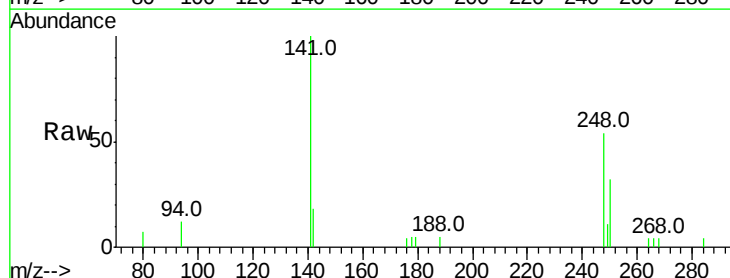
Tgt Ion:248 Resp: 1745

Ion Ratio Lower Upper

248 100

250 0.0 75.0 112.4#

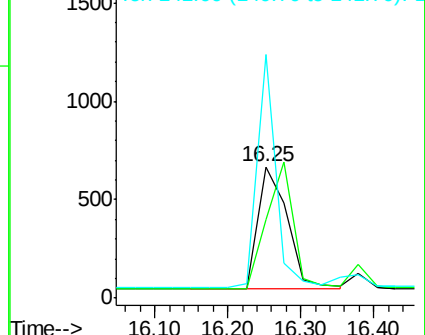
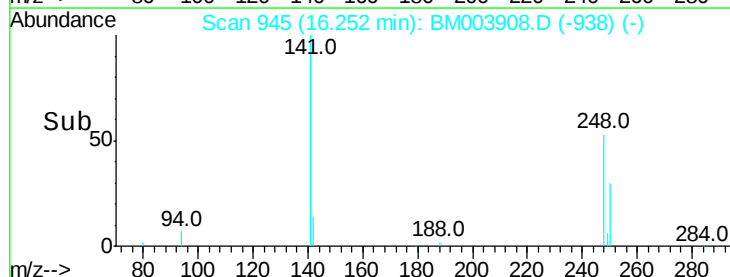
141 119.6 53.0 79.4#

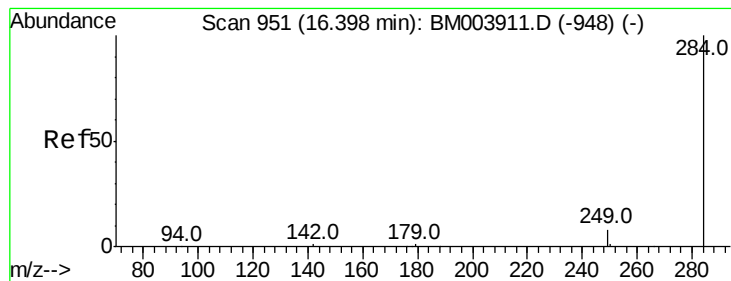


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.23 ng

RT: 16.38 min Scan# 950

Delta R.T. -0.02 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

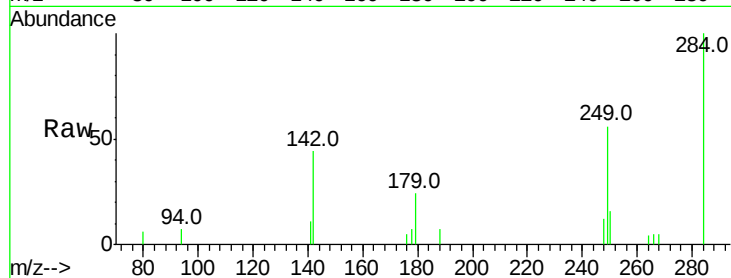
Tot Ion:284 Resp: 2064

Ion Ratio Lower Upper

284 100

142 46.1 0.0 0.0#

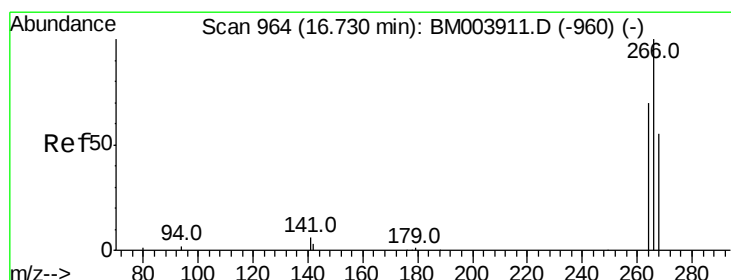
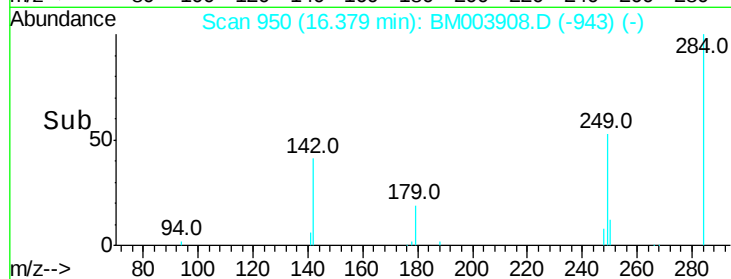
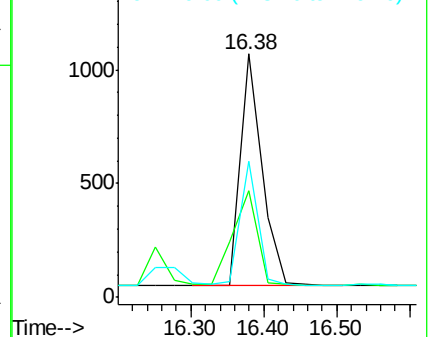
249 43.8 21.5 32.3#



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: 0.16 ng

RT: 16.74 min Scan# 964

Delta R.T. 0.01 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

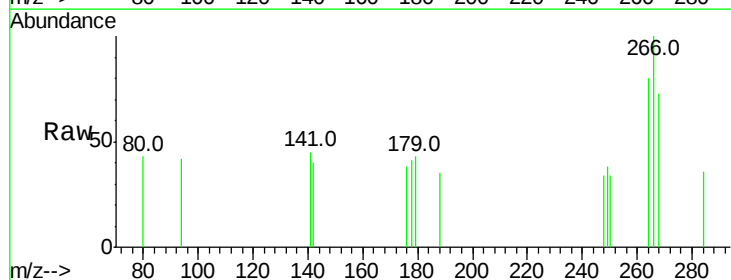
Tgt Ion:266 Resp: 287

Ion Ratio Lower Upper

266 100

268 72.7 62.7 94.1

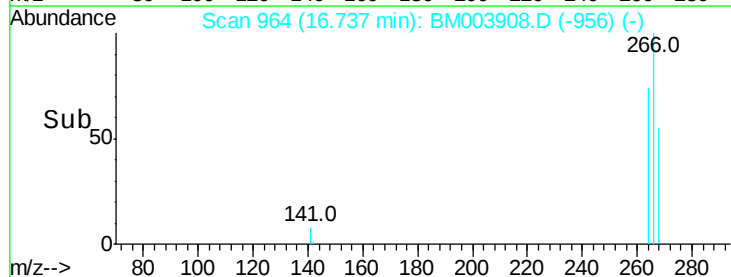
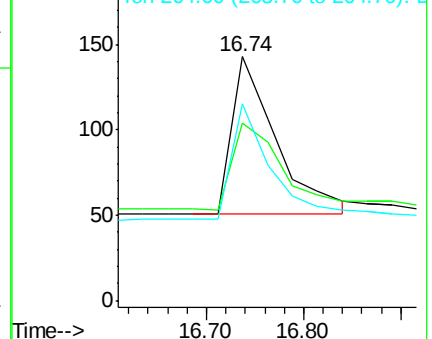
264 80.4 45.7 68.5#

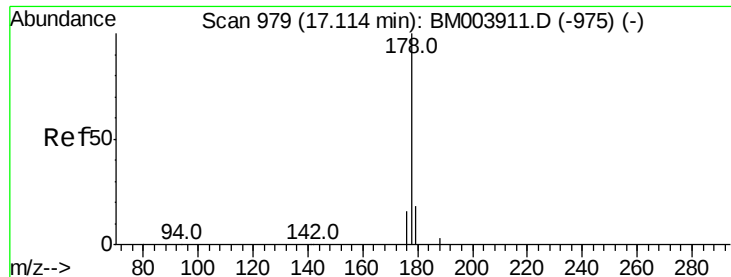


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.22 ng

RT: 17.09 min Scan# 978

Delta R.T. -0.02 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

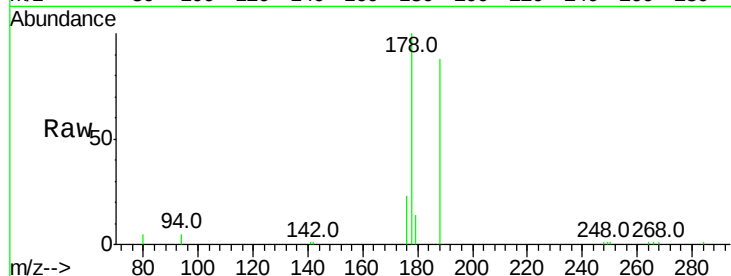
Tot Ion:178 Resp: 12745

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.0

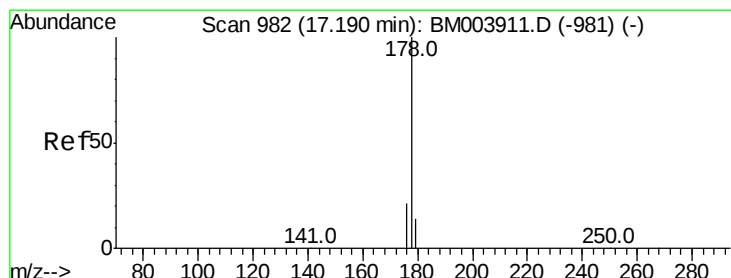
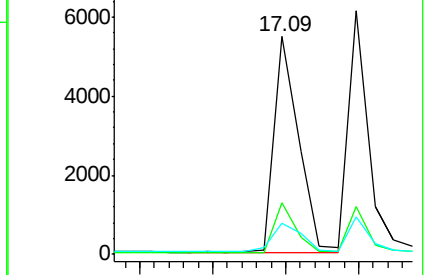
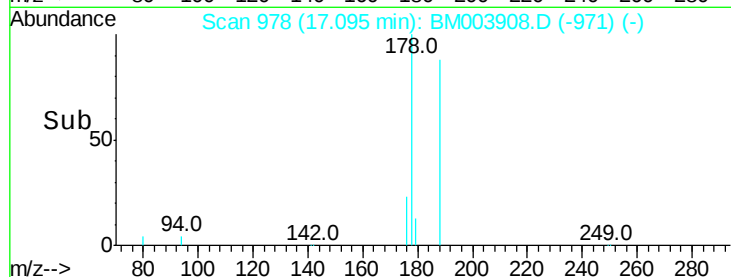
179 16.5 12.2 18.4



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: 0.21 ng

RT: 17.20 min Scan# 982

Delta R.T. 0.01 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

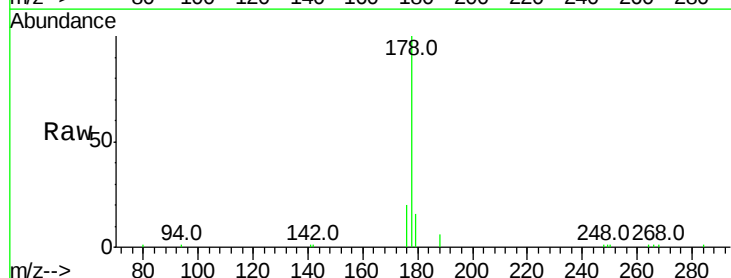
Tgt Ion:178 Resp: 11359

Ion Ratio Lower Upper

178 100

176 18.9 14.6 21.8

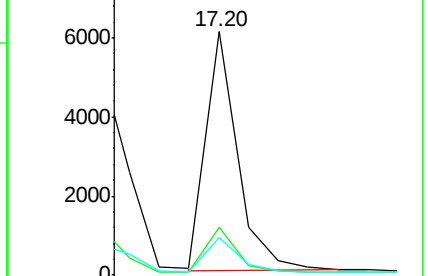
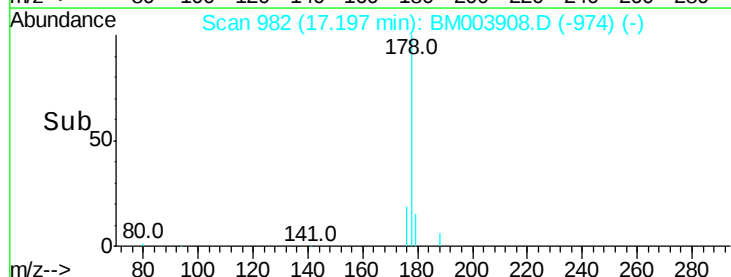
179 15.0 12.6 19.0

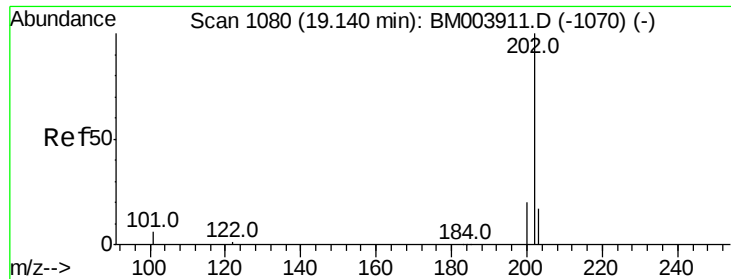


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.21 ng

RT: 19.15 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

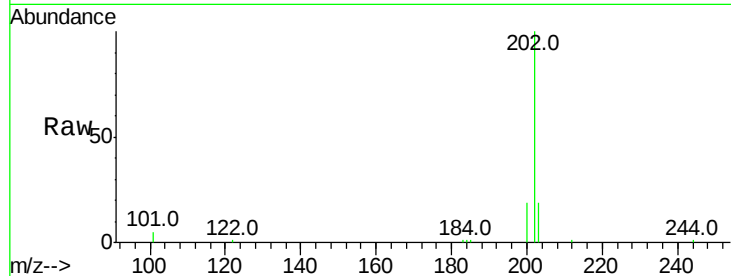
Tot Ion:202 Resp: 12781

Ion Ratio Lower Upper

202 100

101 12.1 9.7 14.5

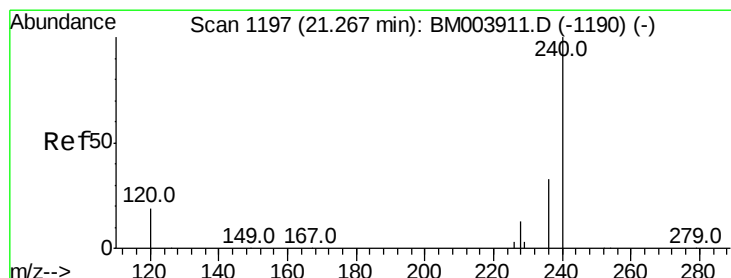
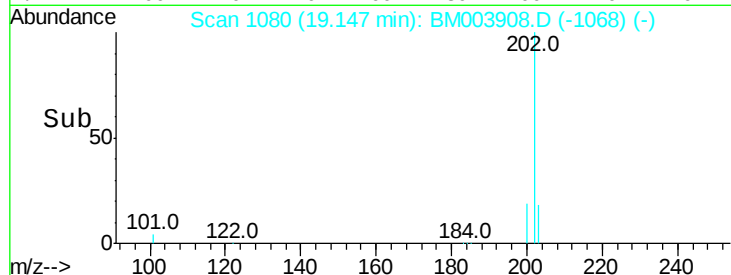
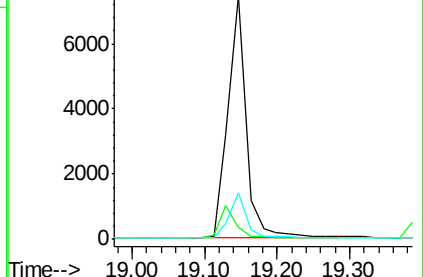
203 17.3 13.8 20.8



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: 21.28 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

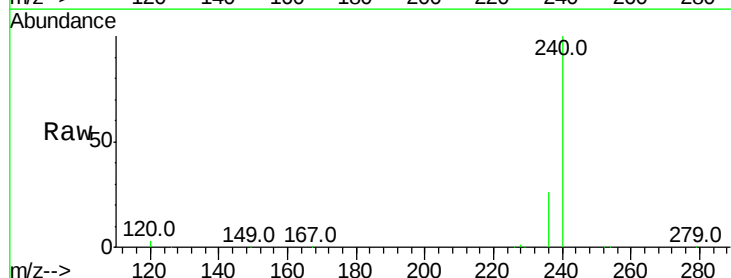
Tgt Ion:240 Resp: 211888

Ion Ratio Lower Upper

240 100

120 3.0 0.9 1.3#

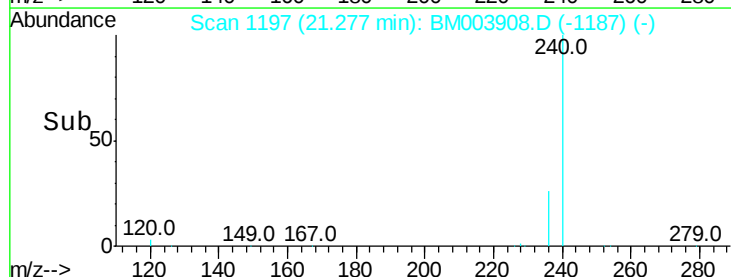
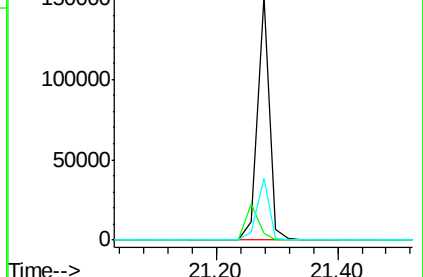
236 25.5 17.3 25.9

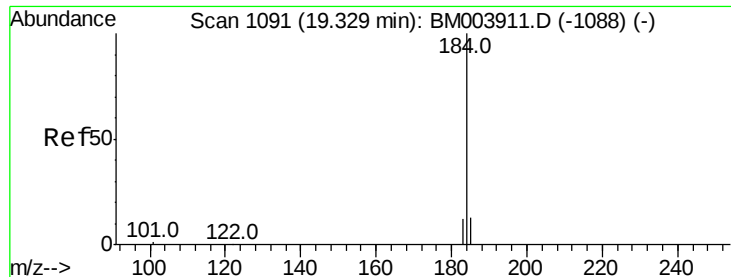


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.16 ng

RT: 19.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

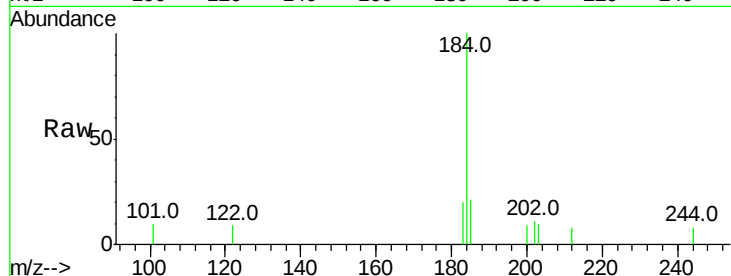
Tot Ion:184 Resp: 2241

Ion Ratio Lower Upper

184 100

185 20.6 13.2 19.8#

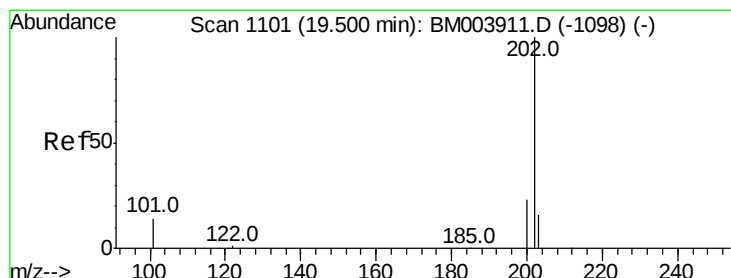
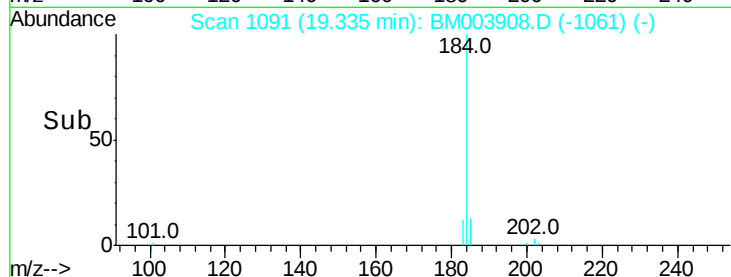
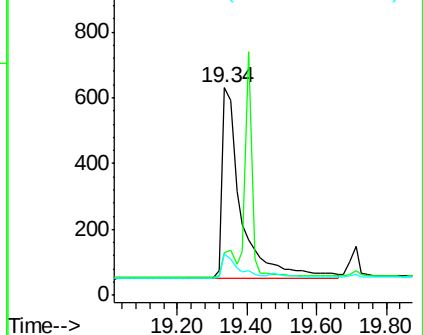
183 19.7 9.0 13.6#



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: 0.19 ng

RT: 19.51 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

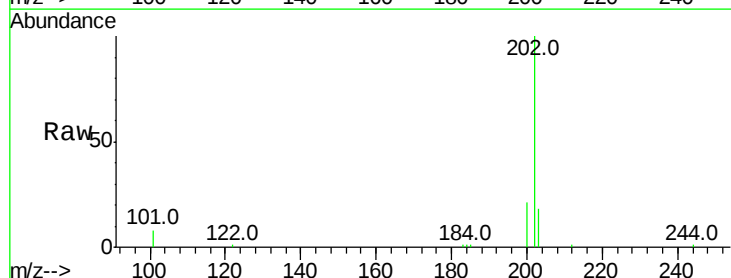
Tgt Ion:202 Resp: 14159

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

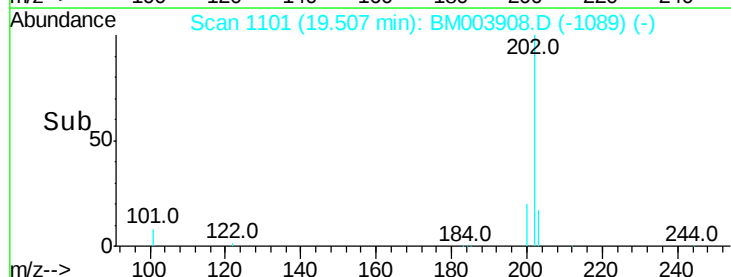
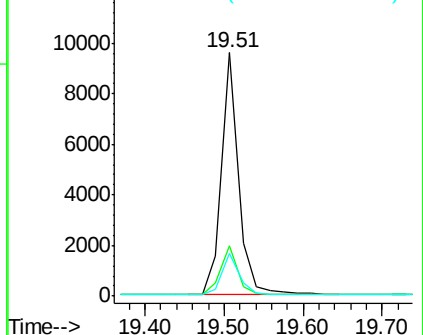
203 17.6 14.0 21.0

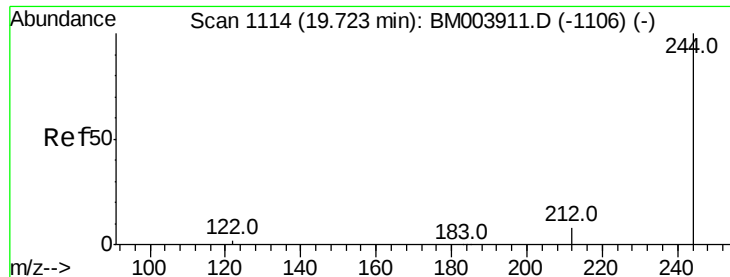


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.19 ng

RT: 19.71 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

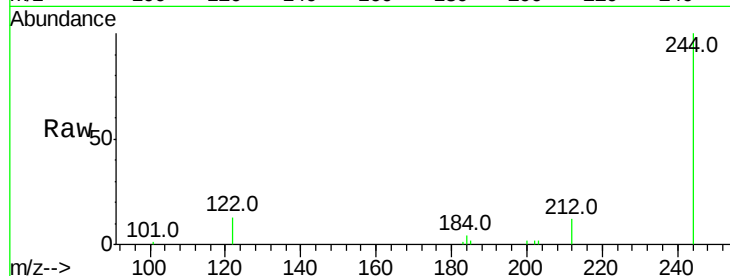
Tot Ion:244 Resp: 6489

Ion Ratio Lower Upper

244 100

212 11.6 7.0 10.6#

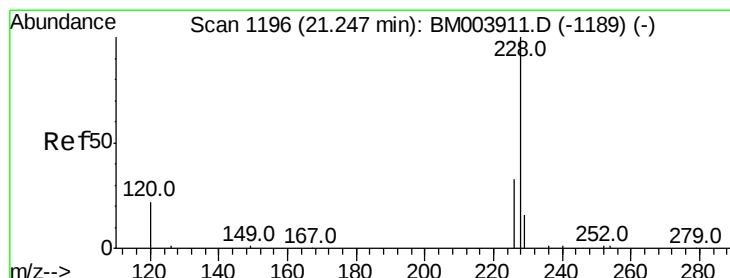
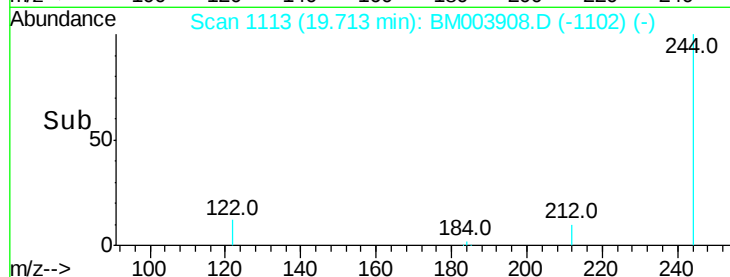
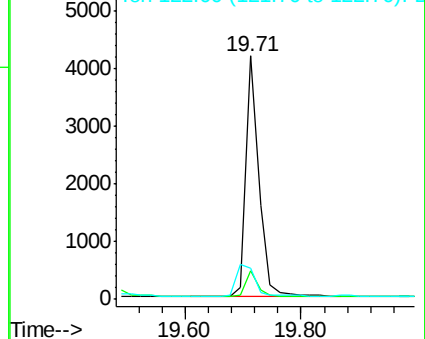
122 13.0 3.0 4.6#



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: 0.20 ng m

RT: 21.26 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

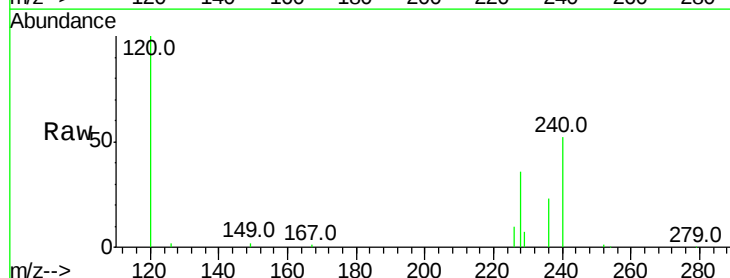
Tgt Ion:228 Resp: 11912

Ion Ratio Lower Upper

228 100

226 26.3 17.2 25.8#

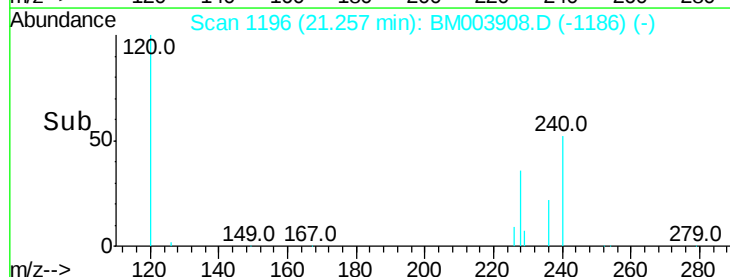
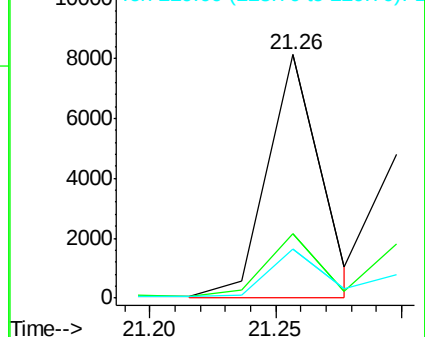
229 20.1 18.7 28.1

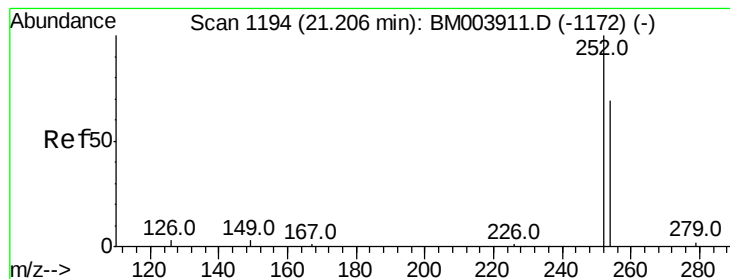


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.16 ng

RT: 21.22 min Scan# 1194

Delta R.T. 0.01 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

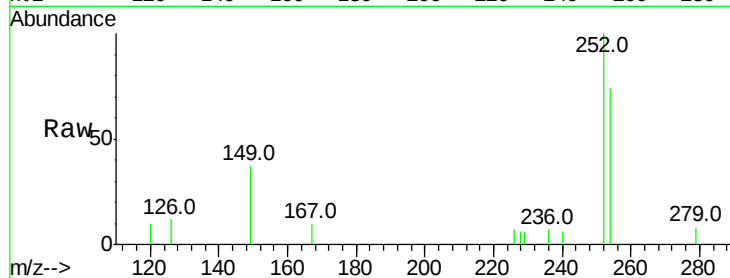
Tot Ion:252 Resp: 2328

Ion Ratio Lower Upper

252 100

254 74.2 52.6 79.0

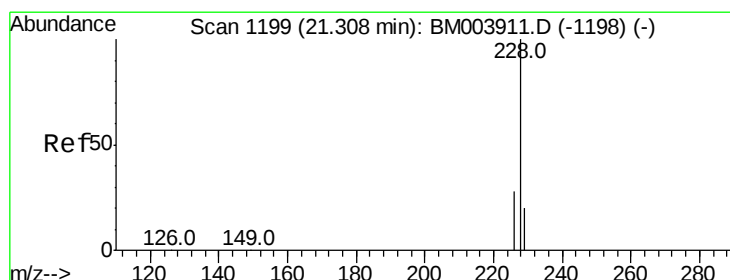
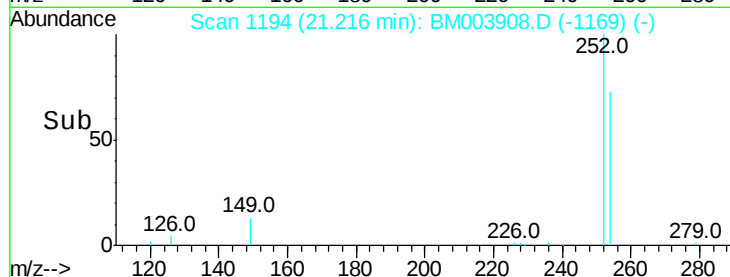
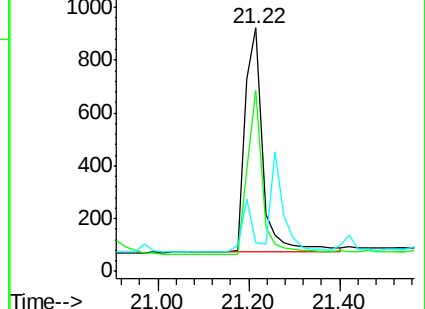
126 11.7 3.7 5.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#32

Chrysene

Concen: 0.18 ng m

RT: 21.30 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

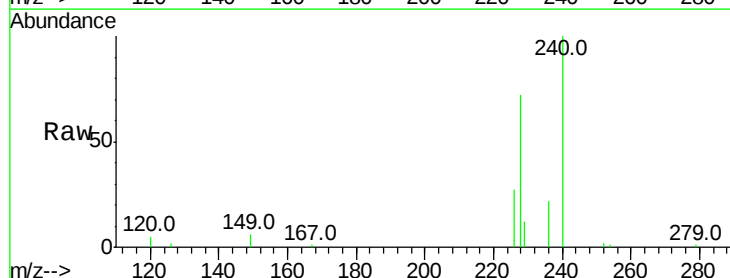
Tgt Ion:228 Resp: 11518

Ion Ratio Lower Upper

228 100

226 37.5 25.3 37.9

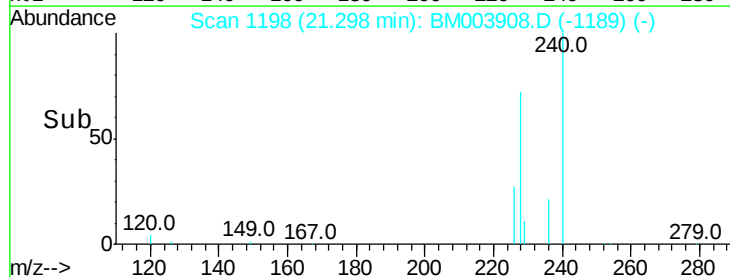
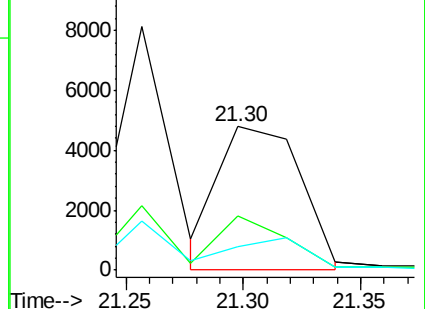
229 16.6 14.5 21.7

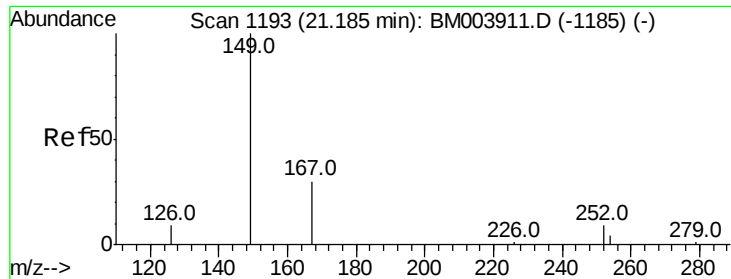


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.19 ng

RT: 21.17 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

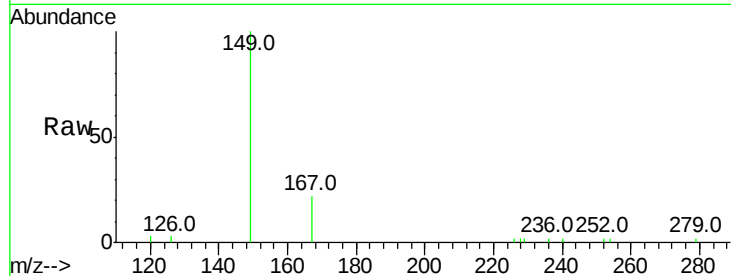
Tot Ion:149 Resp: 4406

Ion Ratio Lower Upper

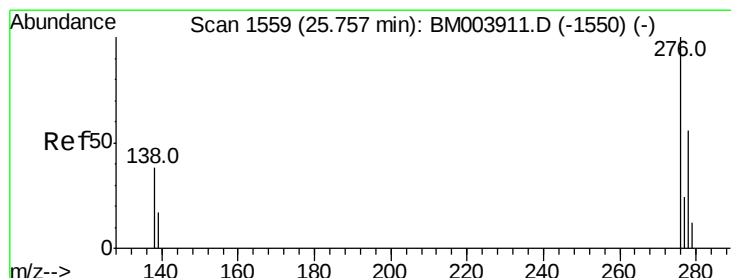
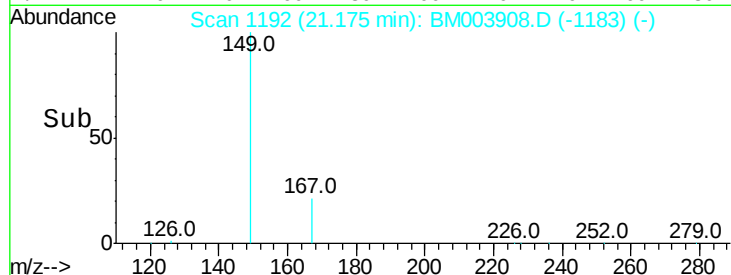
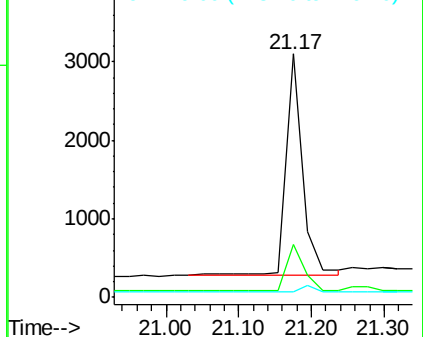
149 100

167 22.3 20.1 30.1

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: 0.18 ng

RT: 25.77 min Scan# 1560

Delta R.T. 0.01 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

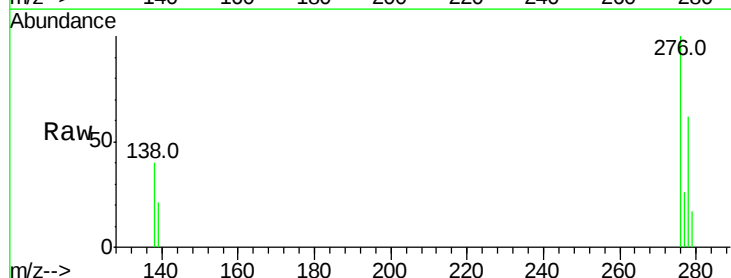
Tgt Ion:276 Resp: 8016

Ion Ratio Lower Upper

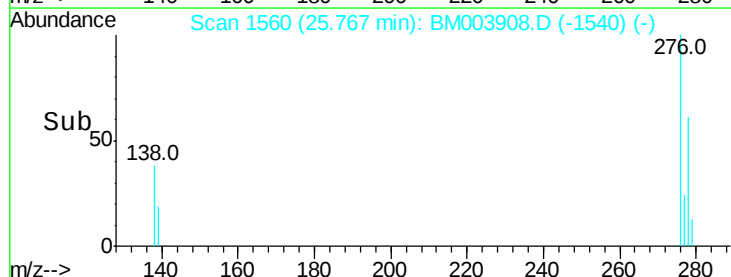
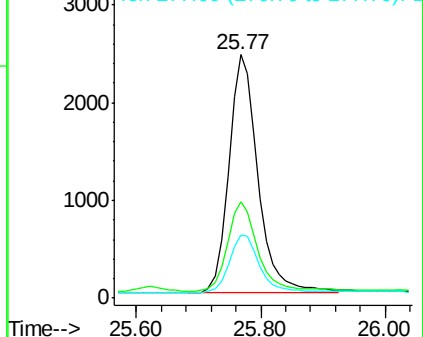
276 100

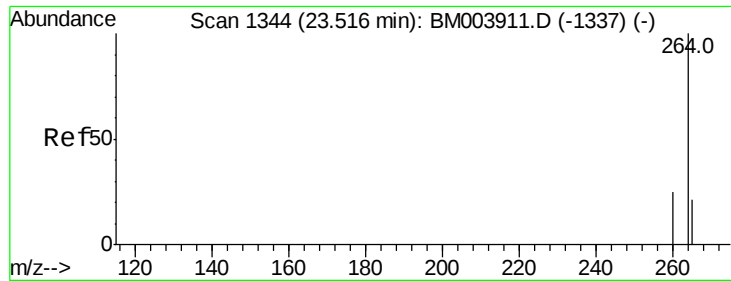
138 38.0 30.2 45.2

277 24.9 19.8 29.8



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

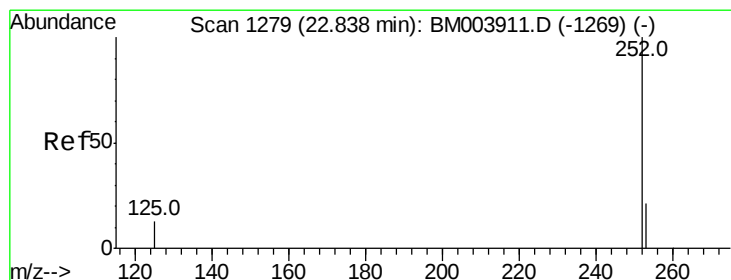
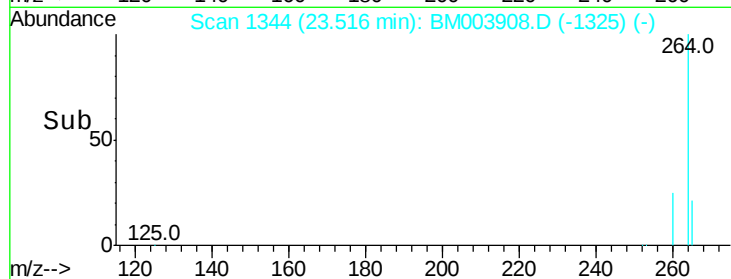
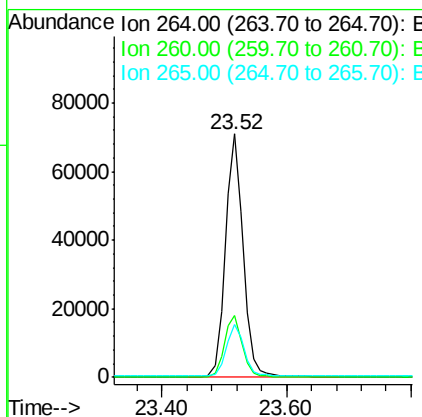
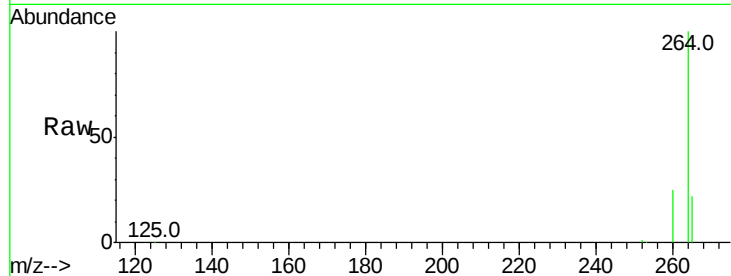




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.52 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BM003908.D
 Acq: 31 Dec 2015 11:21

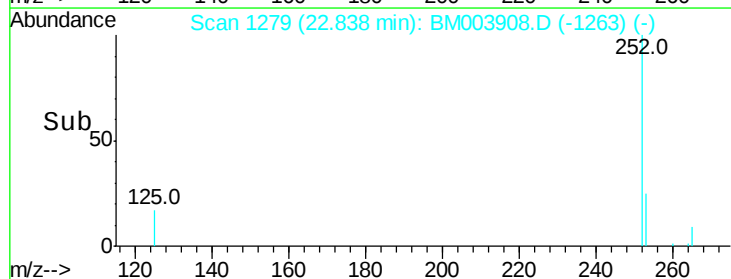
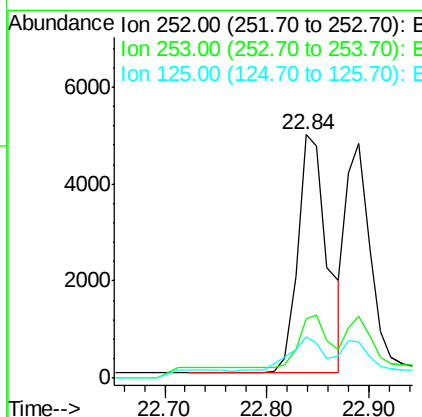
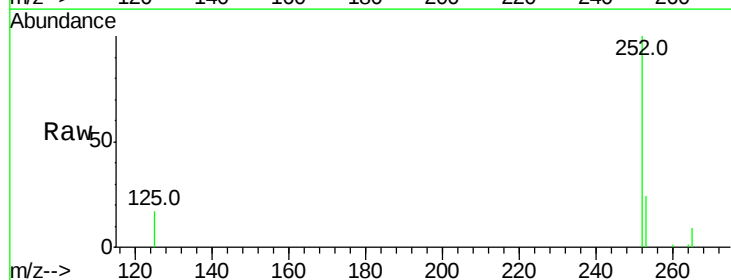
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

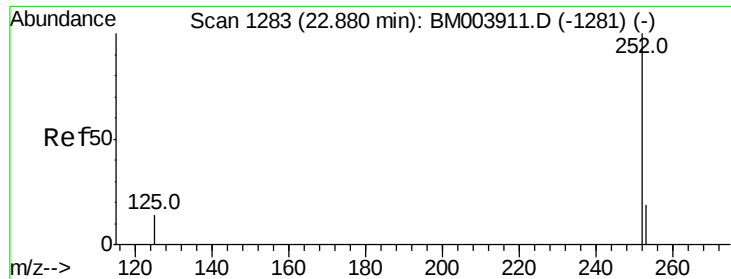
Tot Ion:264 Resp: 141449
 Ion Ratio Lower Upper
 264 100
 260 25.2 21.2 31.8
 265 21.6 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 0.23 ng
 RT: 22.84 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BM003908.D
 Acq: 31 Dec 2015 11:21

Tgt Ion:252 Resp: 9961
 Ion Ratio Lower Upper
 252 100
 253 24.1 18.8 28.2
 125 17.1 10.2 15.4#

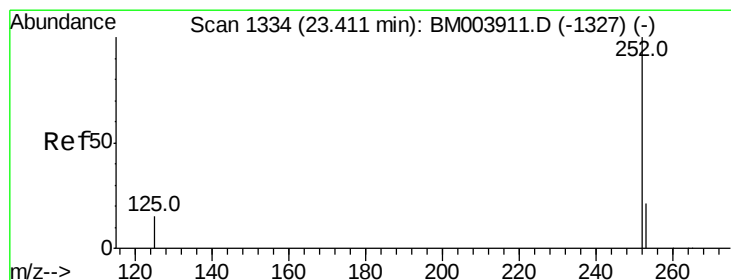
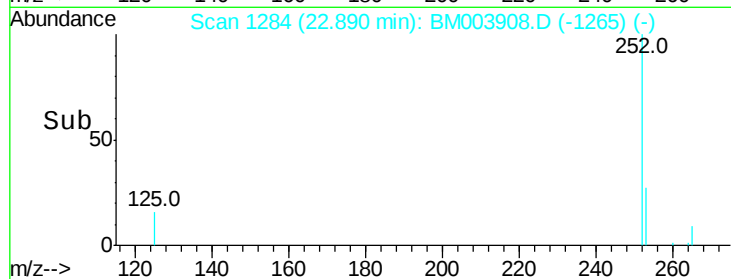
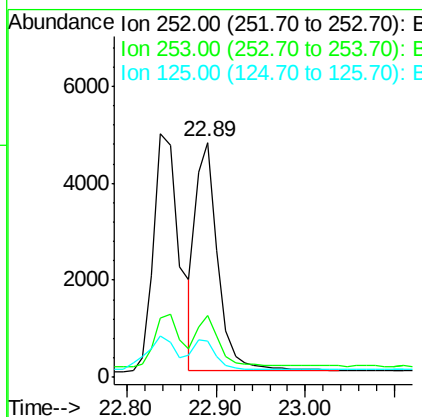
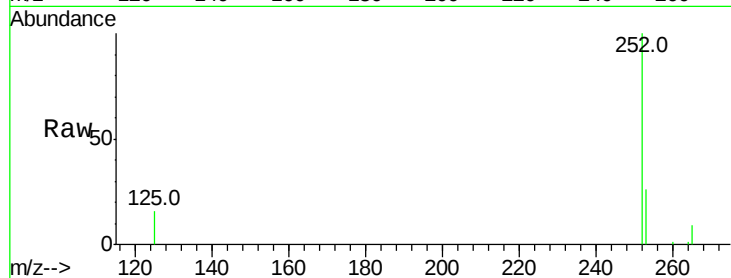




#37
Benzo(k)fluoranthene
Concen: 0.19 ng
RT: 22.89 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BM003908.D
Acq: 31 Dec 2015 11:21

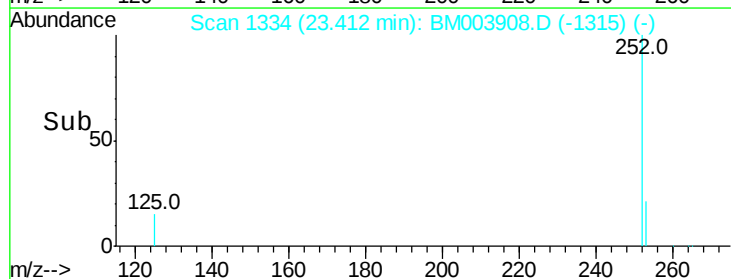
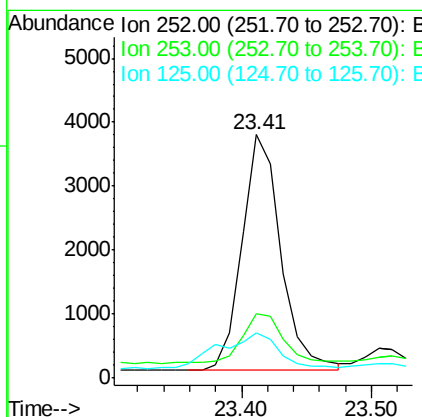
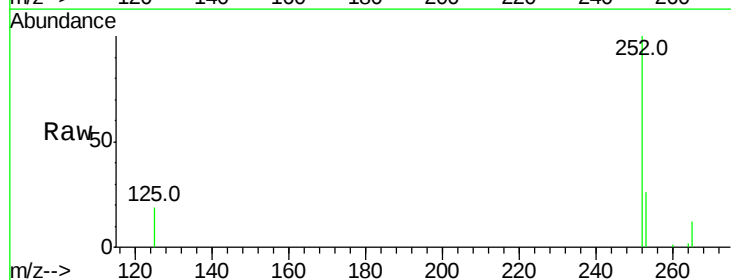
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

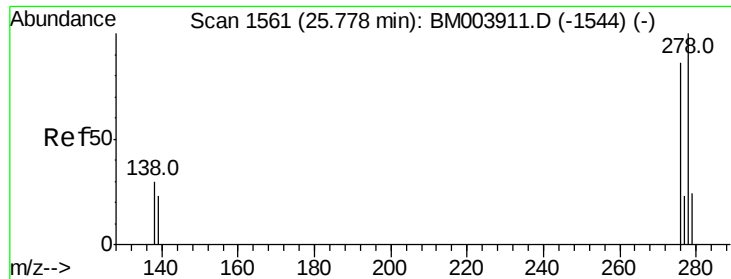
Tot Ion:252 Resp: 8135
Ion Ratio Lower Upper
252 100
253 26.3 18.3 27.5
125 15.6 10.6 15.8



#38
Benzo(a)pyrene
Concen: 0.21 ng
RT: 23.41 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BM003908.D
Acq: 31 Dec 2015 11:21

Tgt Ion:252 Resp: 7669
Ion Ratio Lower Upper
252 100
253 26.3 18.7 28.1
125 18.8 11.8 17.8#





#39

Dibenzo(a,h)anthracene

Concen: 0.20 ng

RT: 25.78 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

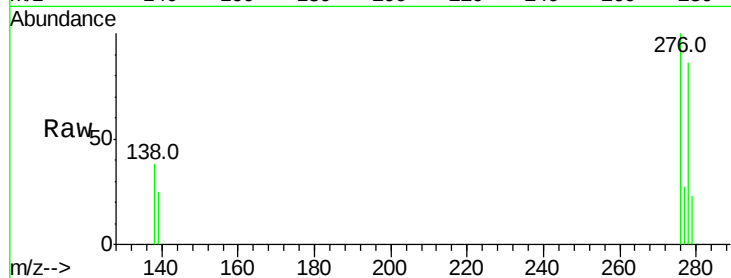
Tot Ion:278 Resp: 6348

Ion Ratio Lower Upper

278 100

139 28.5 19.0 28.6

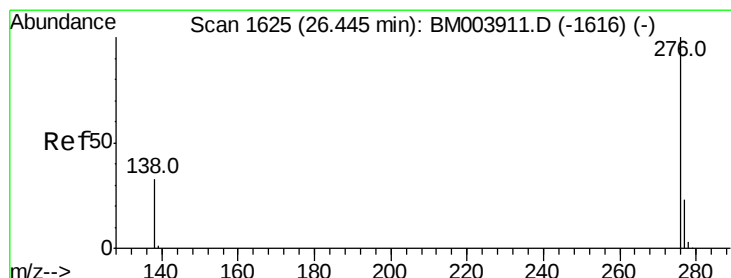
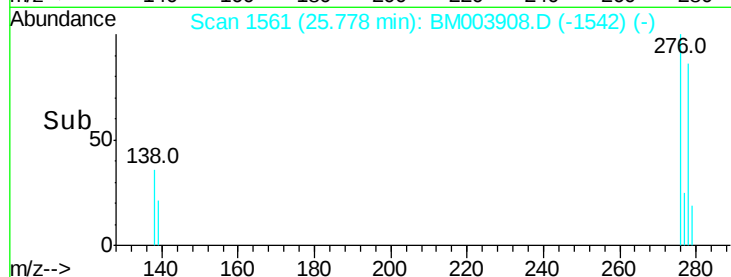
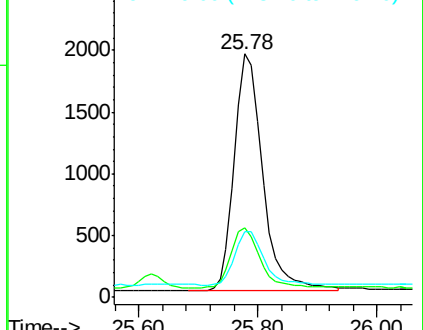
279 27.2 19.6 29.4



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: 0.21 ng

RT: 26.46 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BM003908.D

Acq: 31 Dec 2015 11:21

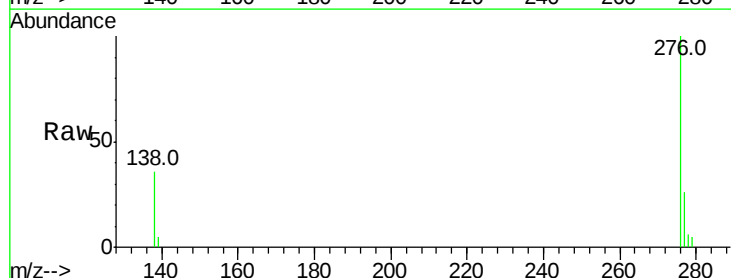
Tgt Ion:276 Resp: 6874

Ion Ratio Lower Upper

276 100

277 25.7 19.1 28.7

138 36.1 25.0 37.4



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

