

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090116\
 Data File : BM007356.D
 Acq On : 01 Sep 2016 13:01
 Operator : UM/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

Quant Time: Sep 02 05:02:32 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM090116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 05:02:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2422	5.00	ng	0.00
7) Naphthalene-d8	10.58	136	11462	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	8447	5.00	ng	0.00
19) Phenanthrene-d10	17.17	188	23574	5.00	ng	0.00
26) Chrysene-d12	21.35	240	23823	5.00	ng	0.00
35) Perylene-d12	23.62	264	20812	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	106	0.19	ng	0.00
5) Phenol-d6	6.97	99	152	0.22	ng	0.00
8) Nitrobenzene-d5	8.96	82	155	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.93	330	366	1.11	ng	0.00
15) 2-Fluorobiphenyl	13.05	172	540	0.21	ng	0.00
29) Terphenyl-d14	19.79	244	646	0.16	ng	0.00

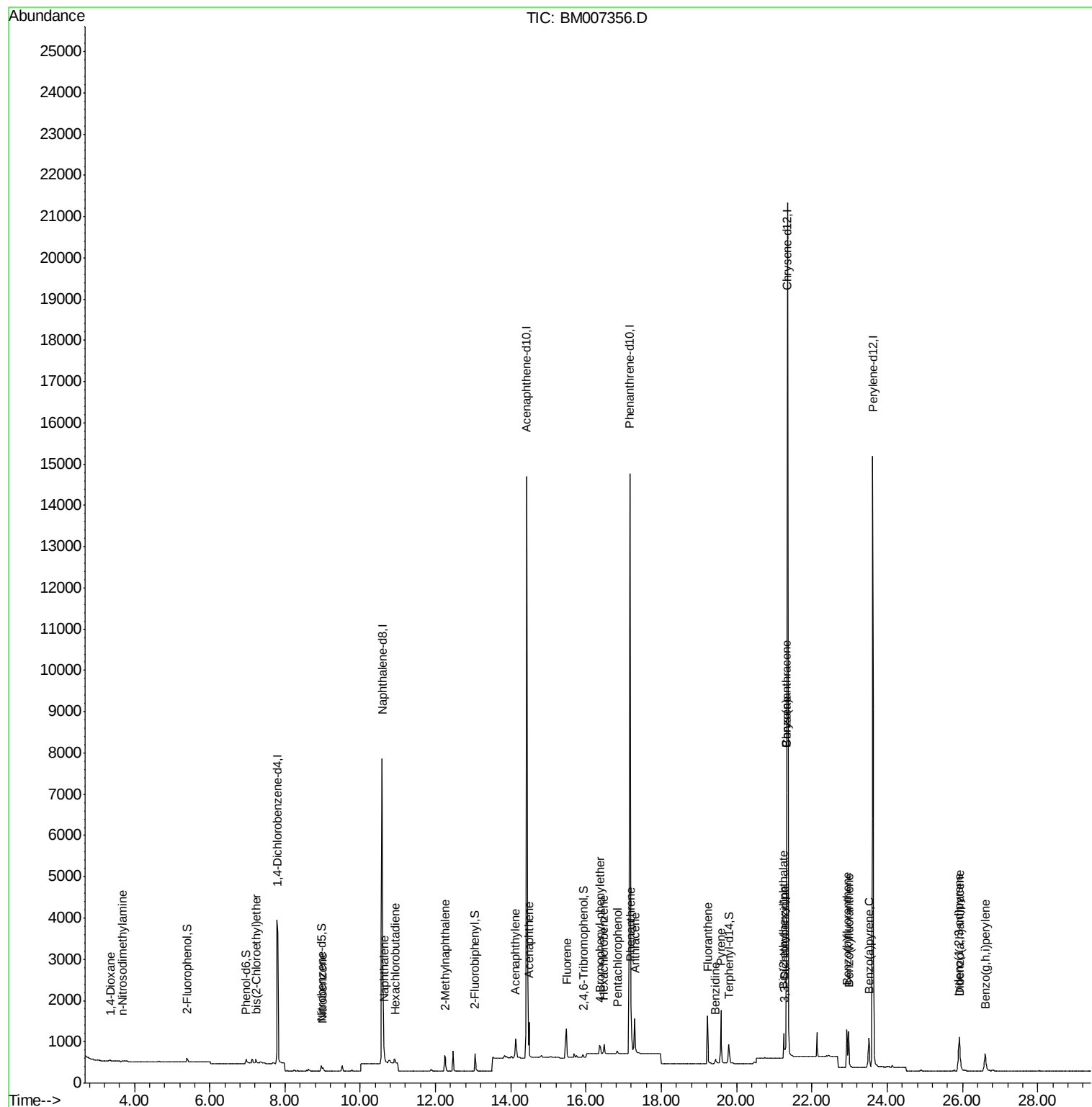
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	57	0.22	ng	91
3) n-Nitrosodimethylamine	3.68	42	41	0.16	ng	# 85
6) bis(2-Chloroethyl)ether	7.23	93	102	0.17	ng	96
9) Nitrobenzene	9.00	77	114	0.17	ng	# 95
10) Naphthalene	10.63	128	553	0.21	ng	# 88
11) Hexachlorobutadiene	10.92	225	411	1.01	ng	# 11
12) 2-Methylnaphthalene	12.25	142	376	0.22	ng	# 91
16) Acenaphthylene	14.13	152	685	0.18	ng	98
17) Acenaphthene	14.48	154	529	0.21	ng	97
18) Fluorene	15.48	166	613	0.21	ng	99
20) 4-Bromophenyl-phenylether	16.37	248	159	0.13	ng	# 1
21) Hexachlorobenzene	16.47	284	222	0.18	ng	# 97
22) Pentachlorophenol	16.83	266	67	0.19	ng	93
23) Phenanthrene	17.19	178	1153	0.15	ng	99
24) Anthracene	17.29	178	1110	0.19	ng	100
25) Fluoranthene	19.23	202	1285	0.17	ng	99
27) Benzdine	19.43	184	281	0.22	ng	# 86
28) Pyrene	19.59	202	1380	0.17	ng	100
30) Benzo(a)anthracene	21.33	228	2768	0.38	ng	97
31) 3,3'-Dichlorobenzidine	21.27	252	359	0.18	ng	# 84
32) Chrysene	21.33	228	2776	0.38	ng	# 88
33) Bis(2-ethylhexyl)phthalate	21.25	149	667	0.15	ng	# 99
34) Indeno(1,2,3-cd)pyrene	25.90	276	1109	0.21	ng	100
36) Benzo(b)fluoranthene	22.93	252	1245	0.19	ng	# 95
37) Benzo(k)fluoranthene	22.97	252	1212	0.20	ng	# 95
38) Benzo(a)pyrene	23.52	252	1126	0.20	ng	92
39) Dibenzo(a,h)anthracene	25.92	278	881	0.20	ng	90
40) Benzo(g,h,i)perylene	26.60	276	943	0.20	ng	# 90

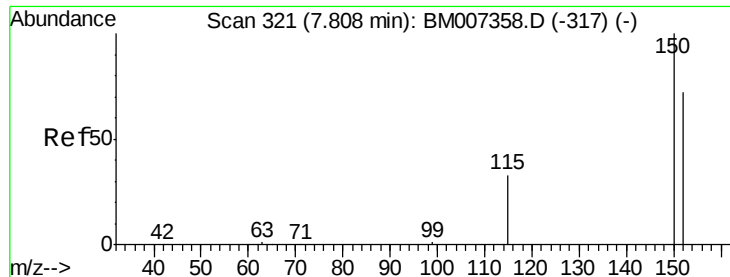
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090116\
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Quant Time: Sep 02 05:02:32 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM090116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 05:02:21 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.81 min Scan# 321

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

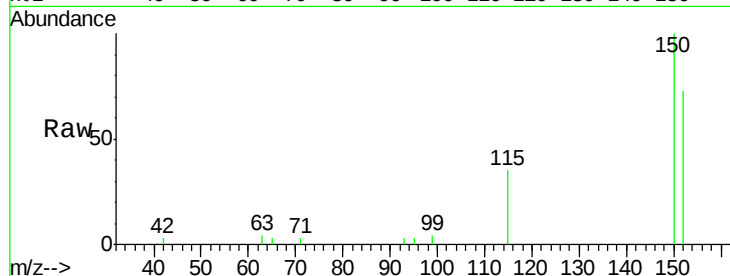
Tgt Ion: 152 Resp: 2422

Ion Ratio Lower Upper

152 100

150 136.1 109.8 164.8

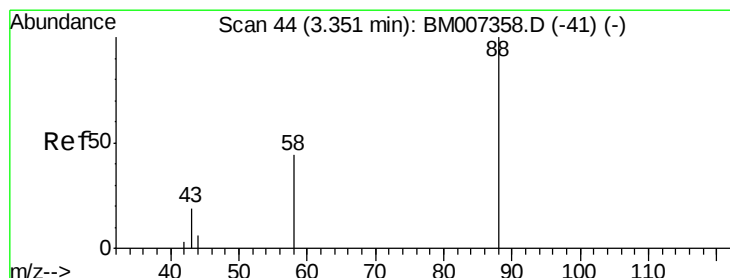
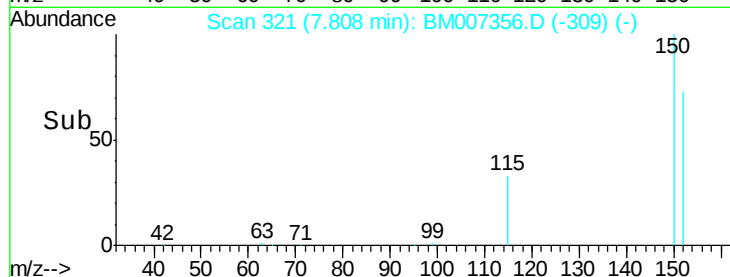
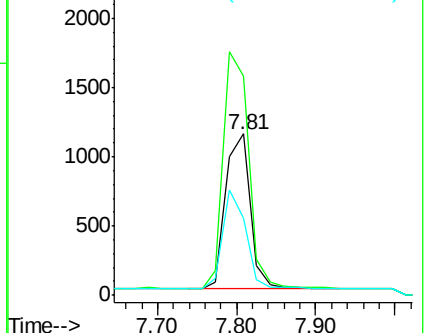
115 47.6 39.0 58.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.22 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

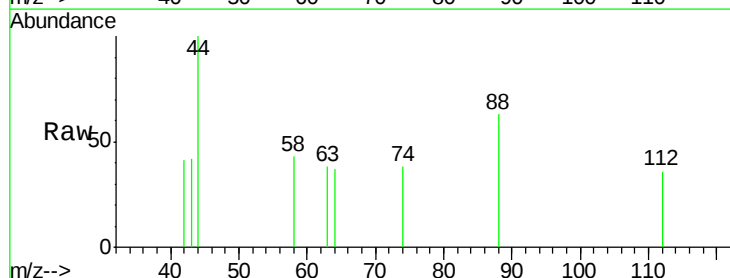
Tgt Ion: 88 Resp: 57

Ion Ratio Lower Upper

88 100

58 42.1 41.0 61.4

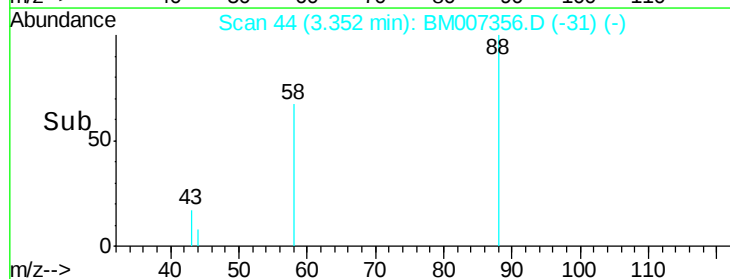
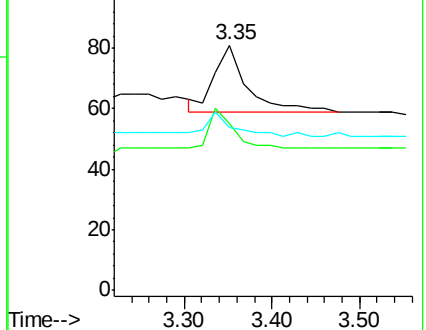
43 31.6 24.2 36.2

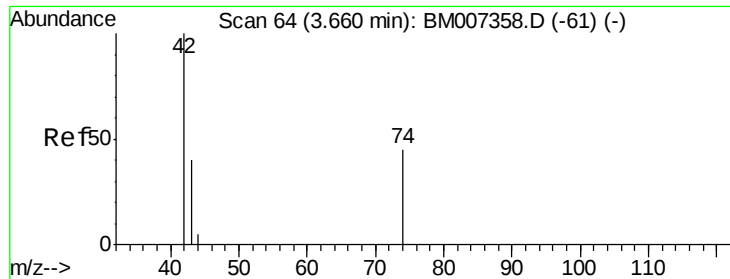


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.16 ng

RT: 3.68 min Scan# 65

Delta R.T. 0.02 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

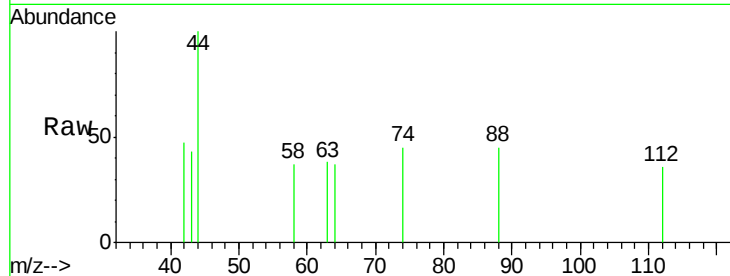
Tgt Ion: 42 Resp: 41

Ion Ratio Lower Upper

42 100

74 104.9 78.9 118.3

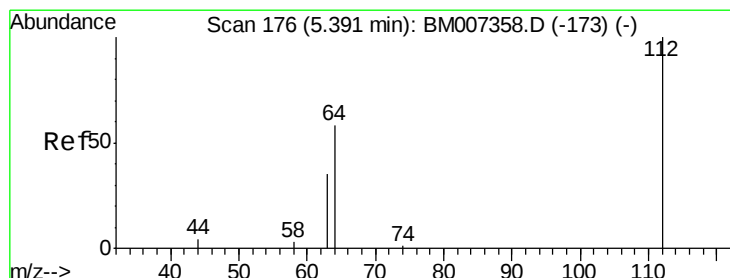
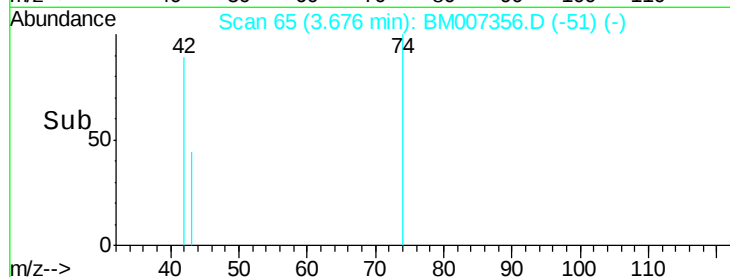
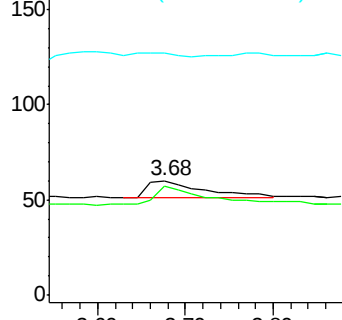
44 0.0 19.1 28.7#



Abundance Ion 42.00 (41.70 to 42.70): BM007358.D (-61) (-)

Ion 74.00 (73.70 to 74.70): BM007358.D (-61) (-)

Ion 44.00 (43.70 to 44.70): BM007358.D (-61) (-)



#4

2-Fluorophenol

Concen: 0.19 ng

RT: 5.39 min Scan# 176

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

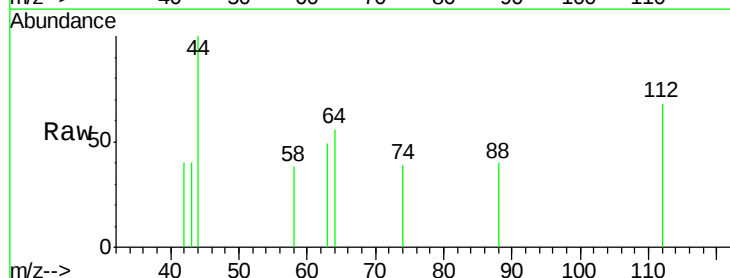
Tgt Ion: 112 Resp: 106

Ion Ratio Lower Upper

112 100

64 43.4 36.9 55.3

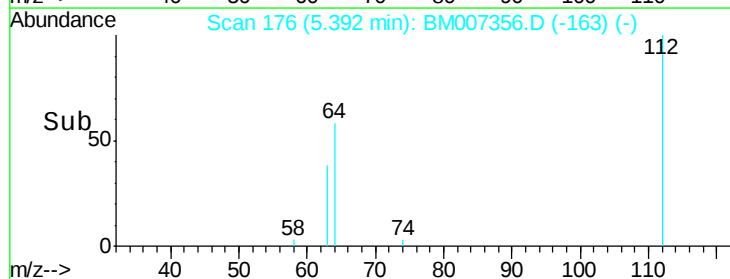
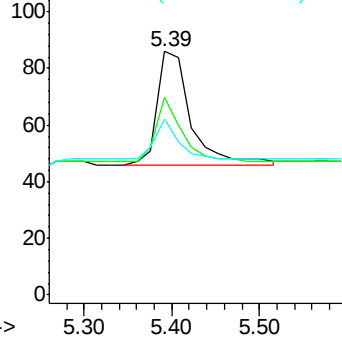
63 27.4 22.6 34.0

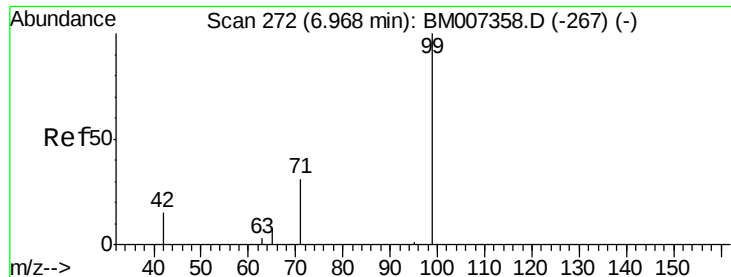


Abundance Ion 112.00 (111.70 to 112.70): BM007358.D (-173) (-)

Ion 64.00 (63.70 to 64.70): BM007358.D (-173) (-)

Ion 63.00 (62.70 to 63.70): BM007358.D (-173) (-)





#5

Phenol-d6

Concen: 0.22 ng

RT: 6.97 min Scan# 272

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

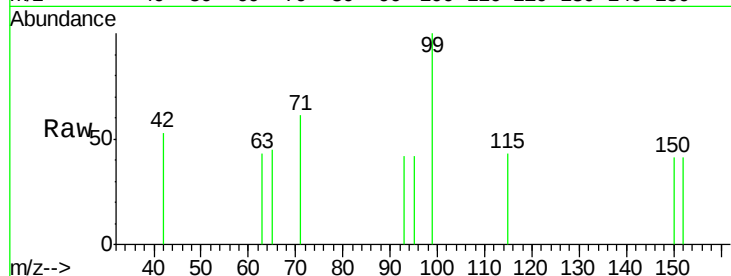
Tgt Ion: 99 Resp: 152

Ion Ratio Lower Upper

99 100

42 21.7 19.8 29.8

71 33.6 28.1 42.1



Abundance Ion 99.00 (98.70 to 99.70): BM007356.D (-260) (-)

Ion 42.00 (41.70 to 42.70): BM007356.D (-260) (-)

Ion 71.00 (70.70 to 71.70): BM007356.D (-260) (-)

6.97

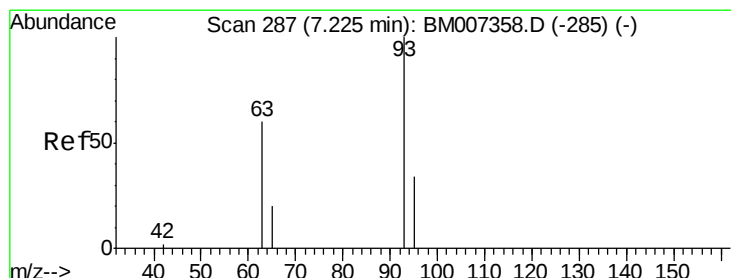
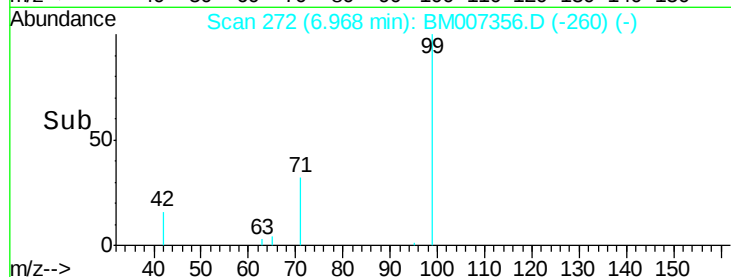
100

50

0

6.90 7.00 7.10

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.17 ng

RT: 7.23 min Scan# 287

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

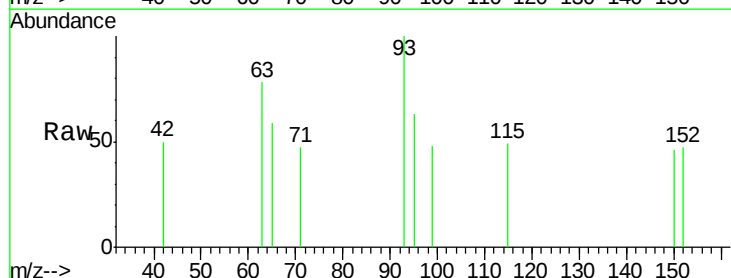
Tgt Ion: 93 Resp: 102

Ion Ratio Lower Upper

93 100

63 63.7 54.3 81.5

95 33.3 25.7 38.5



Abundance Ion 93.00 (92.70 to 93.70): BM007356.D (-275) (-)

Ion 63.00 (62.70 to 63.70): BM007356.D (-275) (-)

Ion 95.00 (94.70 to 95.70): BM007356.D (-275) (-)

7.23

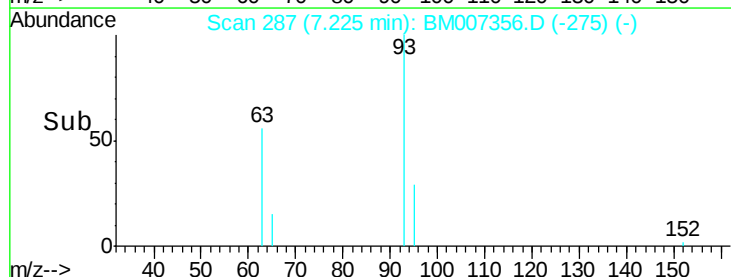
100

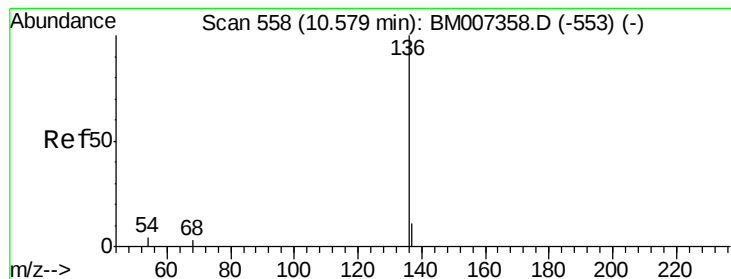
50

0

7.20 7.30 7.40

Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.58 min Scan# 558

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

Tgt Ion:136 Resp: 11462

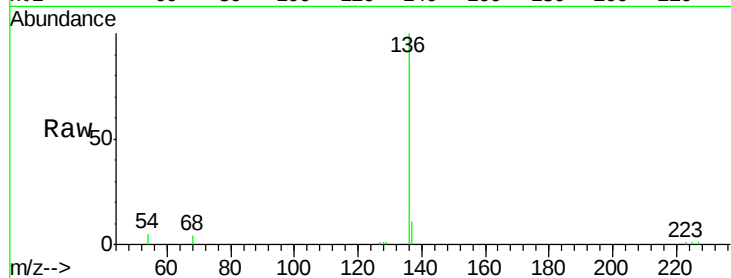
Ion Ratio Lower Upper

136 100

137 11.5 9.4 14.0

54 5.1 4.0 6.0

68 3.5 2.7 4.1

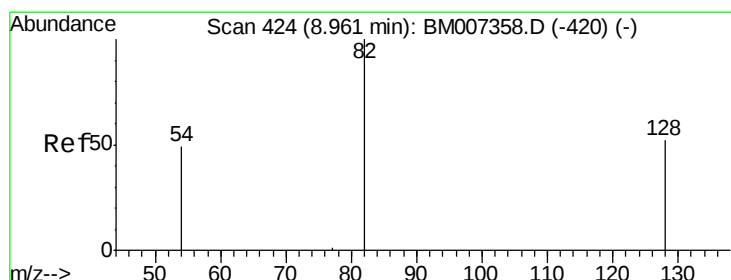
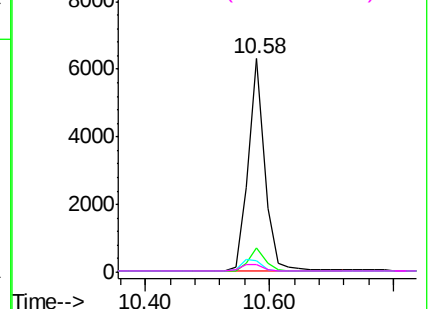
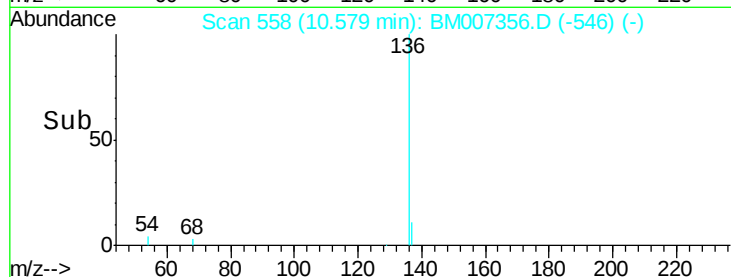


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.26 ng

RT: 8.96 min Scan# 424

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

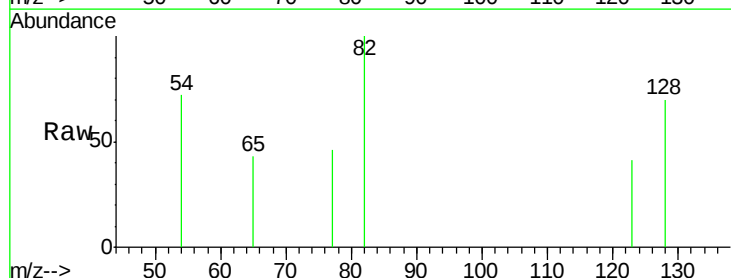
Tgt Ion: 82 Resp: 155

Ion Ratio Lower Upper

82 100

128 69.6 54.9 82.3

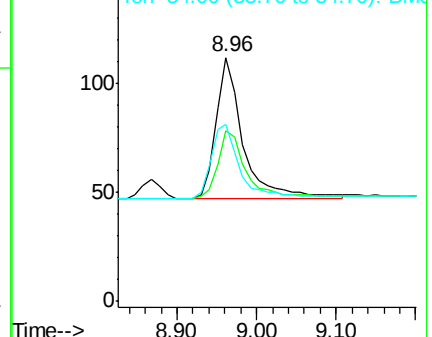
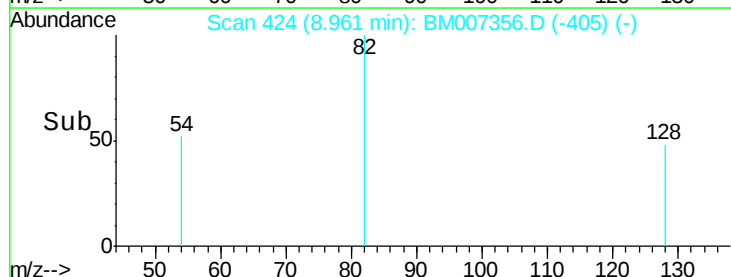
54 72.3 53.8 80.6

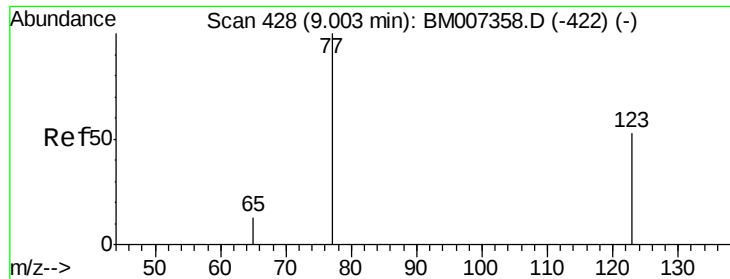


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.17 ng

RT: 9.00 min Scan# 428

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

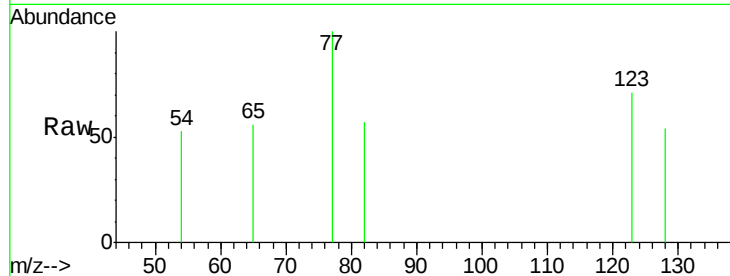
Tgt Ion: 77 Resp: 114

Ion Ratio Lower Upper

77 100

123 52.6 40.0 60.0

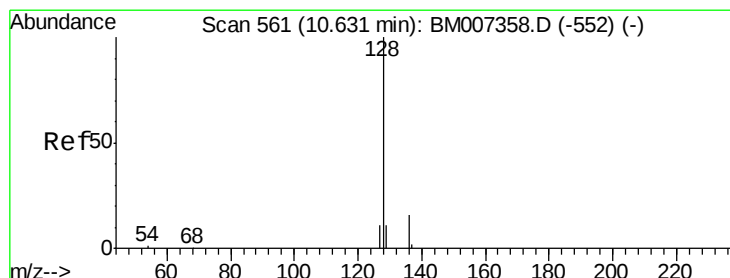
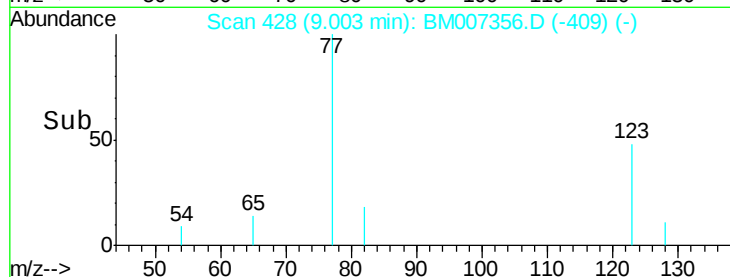
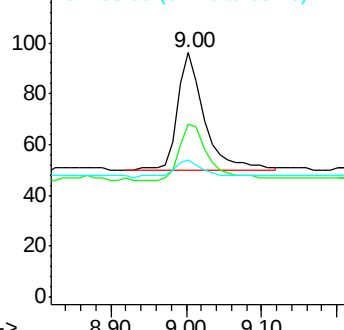
65 17.5 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0



#10

Naphthalene

Concen: 0.21 ng

RT: 10.63 min Scan# 561

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

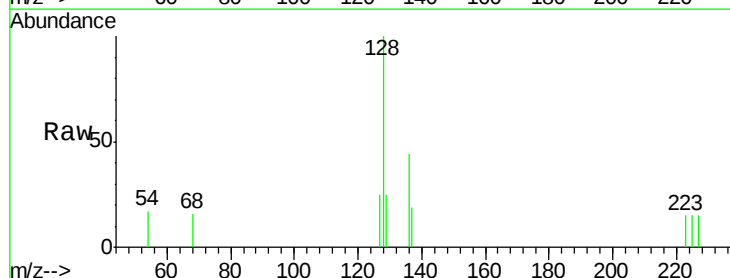
Tgt Ion: 128 Resp: 553

Ion Ratio Lower Upper

128 100

129 24.7 15.5 23.3#

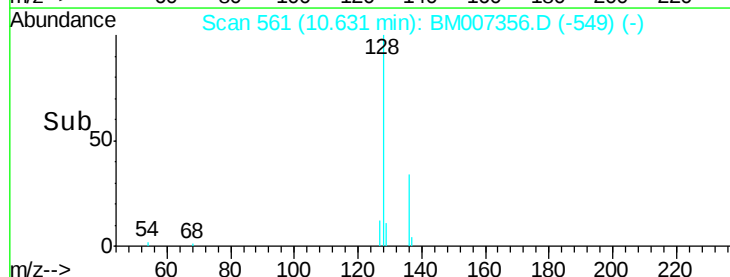
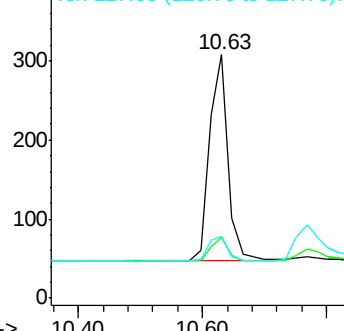
127 25.3 15.5 23.3#

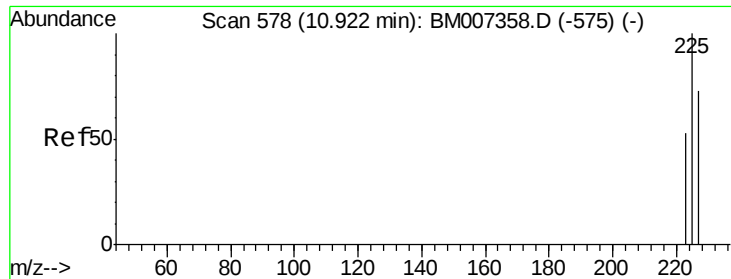


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

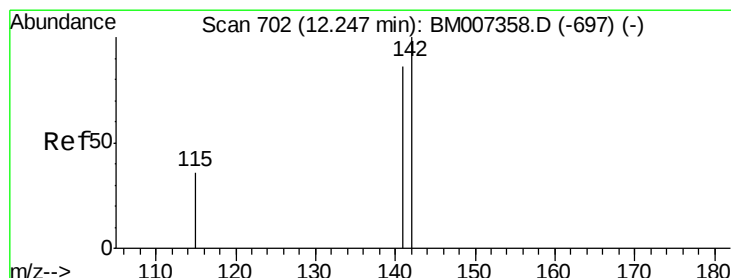
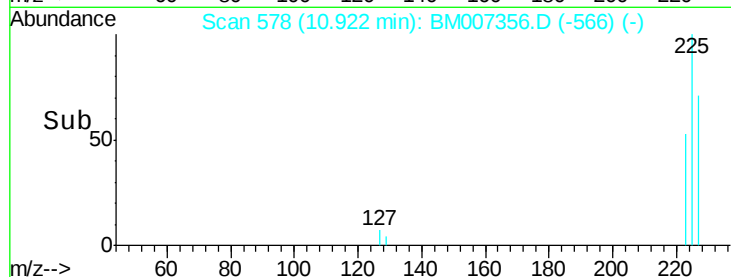
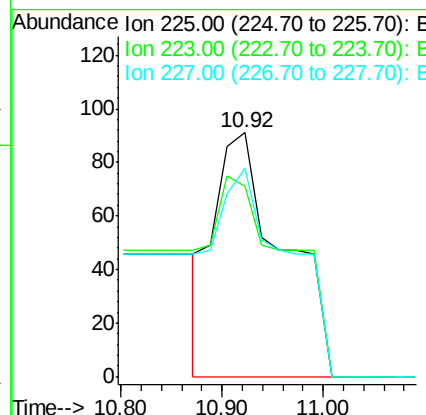
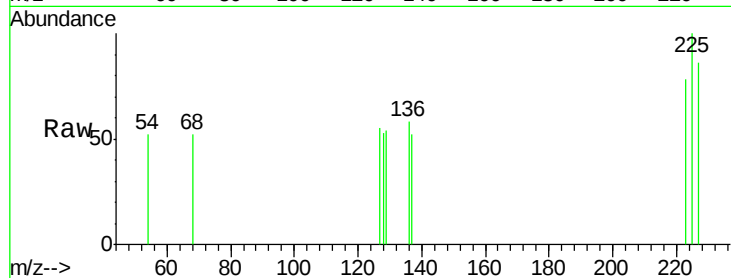




#11
Hexachlorobutadiene
Concen: 1.01 ng
RT: 10.92 min Scan# 578
Delta R.T. 0.00 min
Lab File: BM007356.D
Acq: 01 Sep 2016 13:01

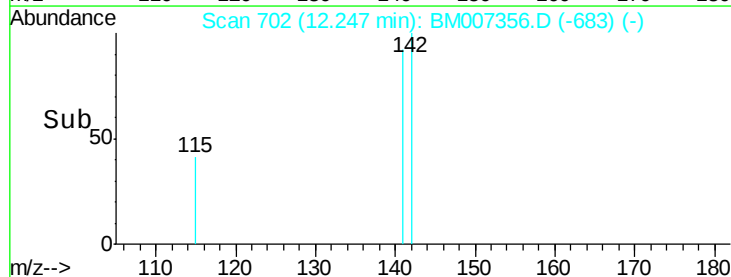
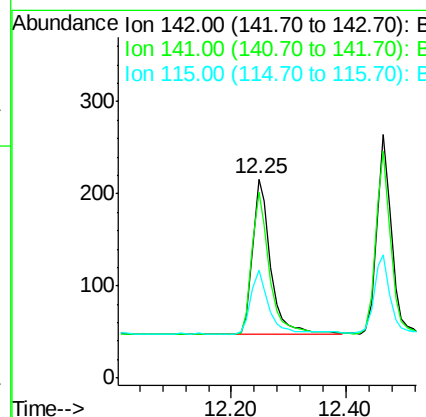
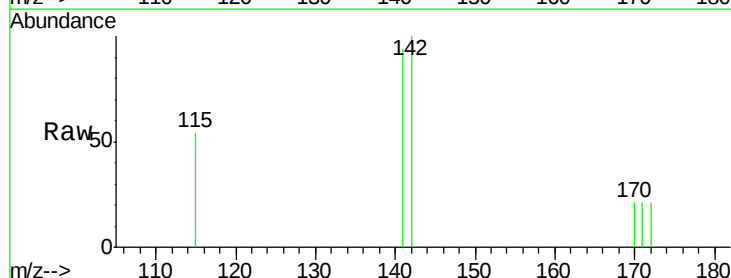
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

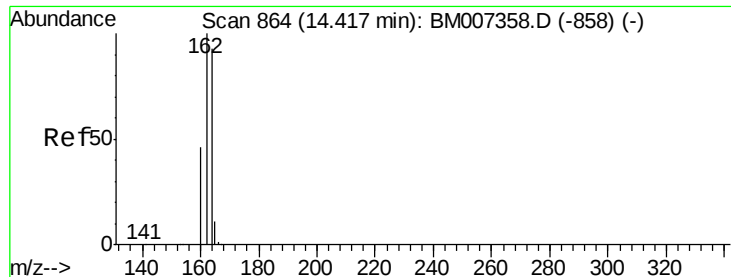
Tgt Ion: 225 Resp: 411
Ion Ratio Lower Upper
225 100
223 92.2 197.7 296.5#
227 91.7 196.2 294.4#



#12
2-Methylnaphthalene
Concen: 0.22 ng
RT: 12.25 min Scan# 702
Delta R.T. 0.00 min
Lab File: BM007356.D
Acq: 01 Sep 2016 13:01

Tgt Ion: 142 Resp: 376
Ion Ratio Lower Upper
142 100
141 93.5 70.2 105.4
115 54.2 35.7 53.5#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 864

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

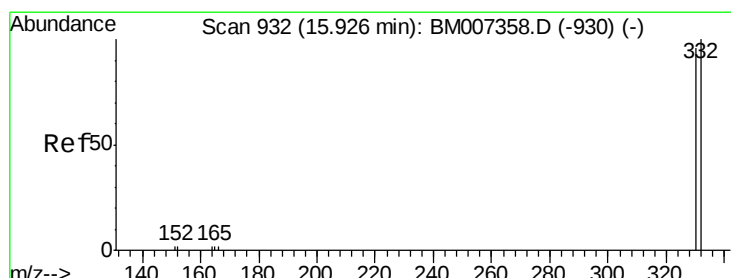
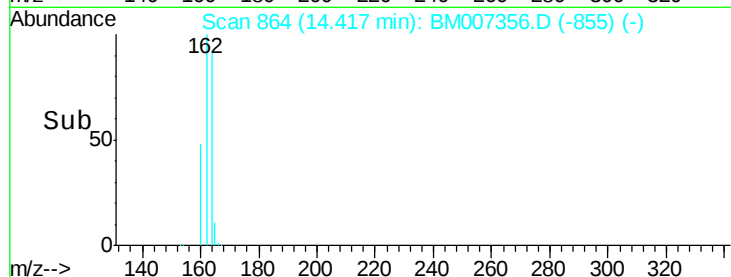
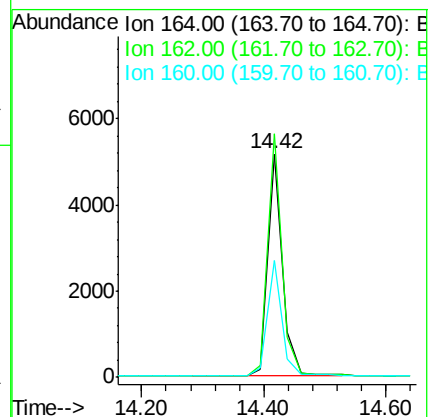
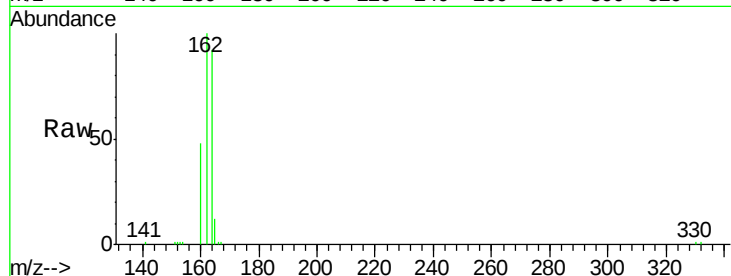
Tgt Ion:164 Resp: 8447

Ion Ratio Lower Upper

164 100

162 109.1 86.2 129.4

160 52.4 40.5 60.7



#14

2,4,6-Tribromophenol

Concen: 1.11 ng

RT: 15.93 min Scan# 932

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

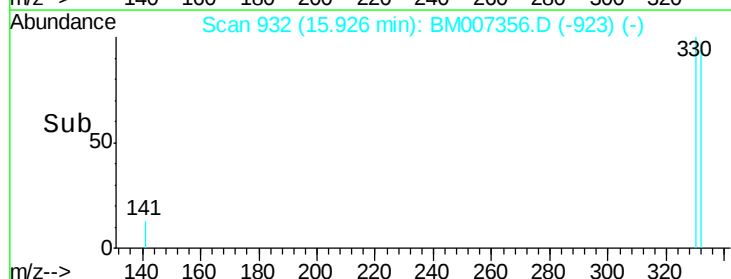
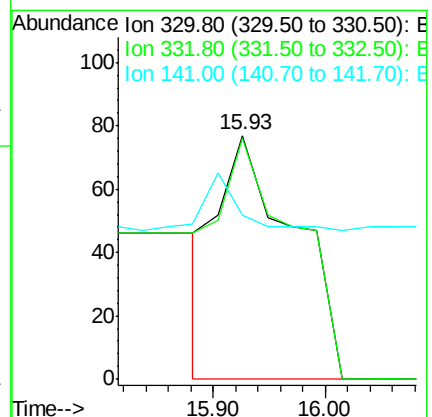
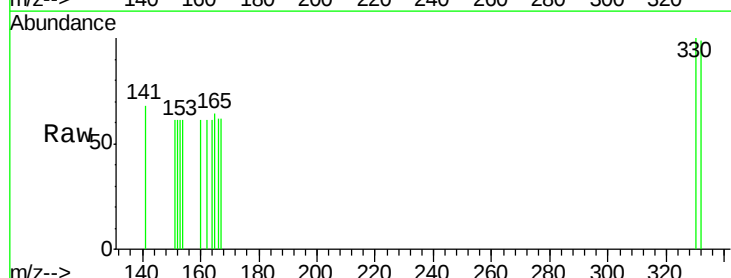
Tgt Ion:330 Resp: 366

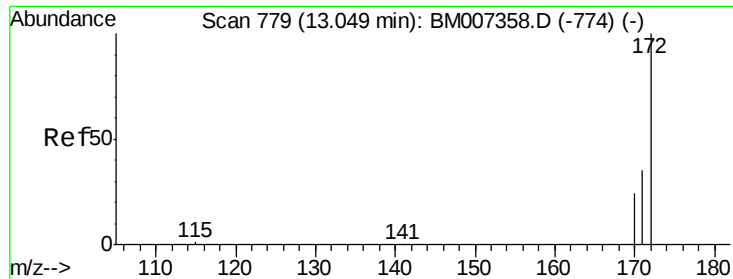
Ion Ratio Lower Upper

330 100

332 99.5 79.2 118.8

141 0.0 0.0 0.0

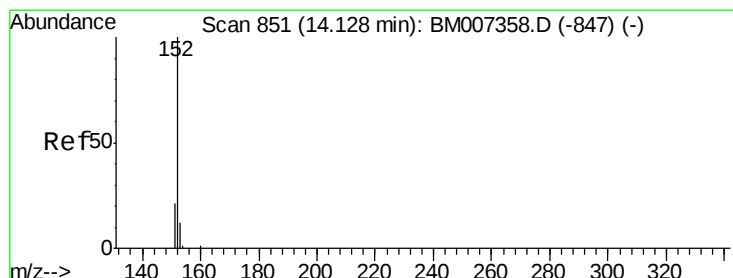
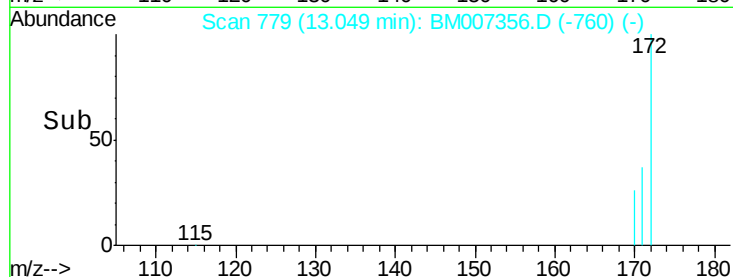
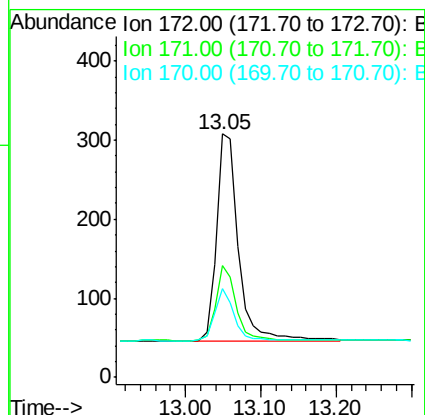
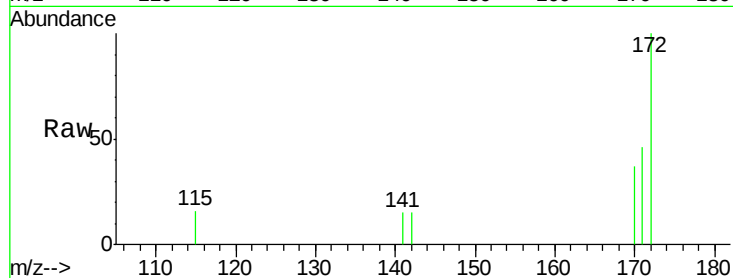




#15
2-Fluorobiphenyl
Concen: 0.21 ng
RT: 13.05 min Scan# 779
Delta R.T. 0.00 min
Lab File: BM007356.D
Acq: 01 Sep 2016 13:01

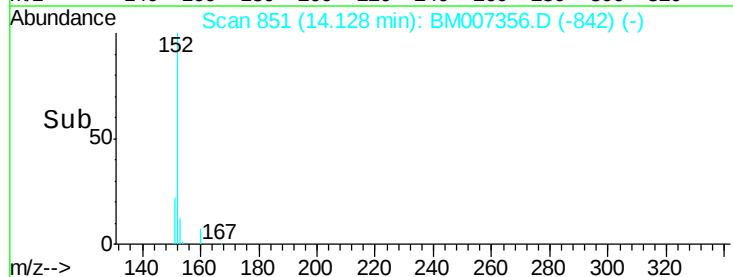
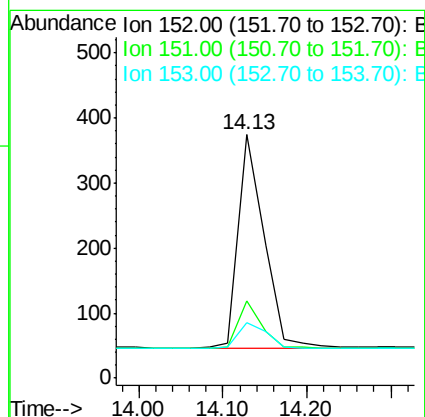
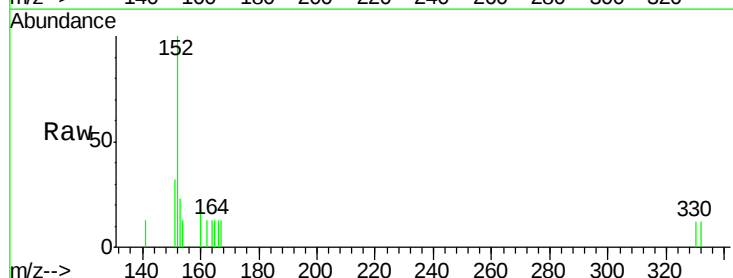
Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

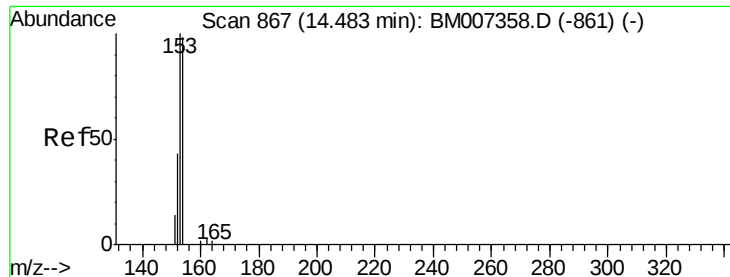
Tgt Ion:172 Resp: 540
Ion Ratio Lower Upper
172 100
171 46.1 32.2 48.2
170 36.7 23.5 35.3#



#16
Acenaphthylene
Concen: 0.18 ng
RT: 14.13 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM007356.D
Acq: 01 Sep 2016 13:01

Tgt Ion:152 Resp: 685
Ion Ratio Lower Upper
152 100
151 21.2 15.7 23.5
153 12.4 10.1 15.1





#17

Acenaphthene

Concen: 0.21 ng

RT: 14.48 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

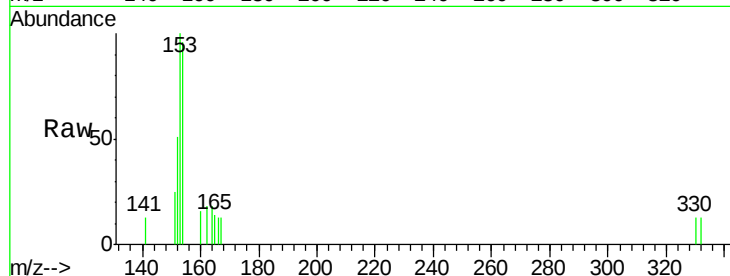
Tgt Ion:154 Resp: 529

Ion Ratio Lower Upper

154 100

153 103.4 85.1 127.7

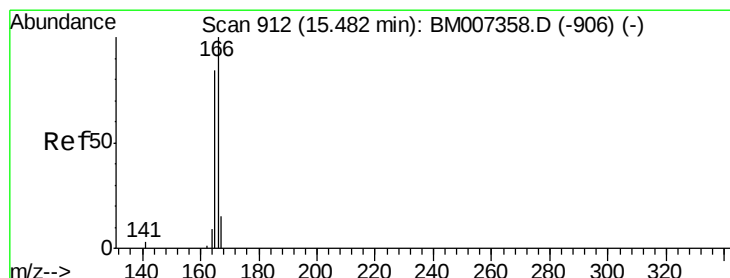
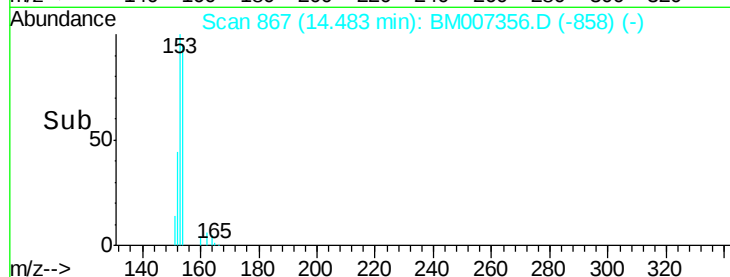
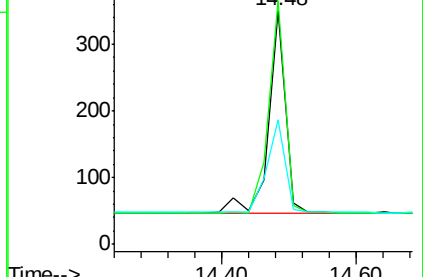
152 49.1 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.21 ng

RT: 15.48 min Scan# 912

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

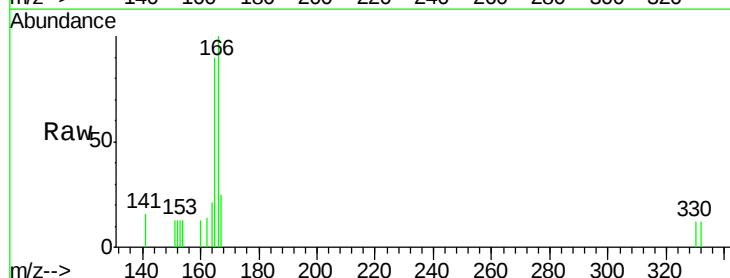
Tgt Ion:166 Resp: 613

Ion Ratio Lower Upper

166 100

165 97.4 78.8 118.2

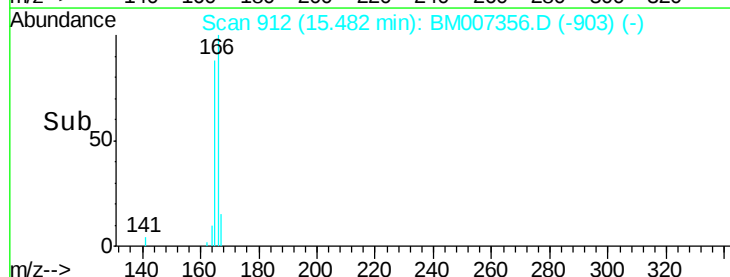
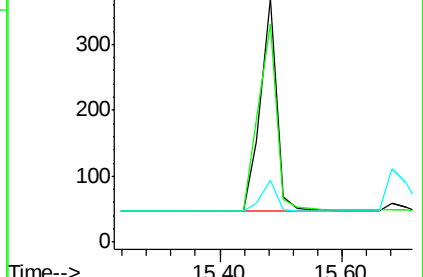
167 13.5 10.8 16.2

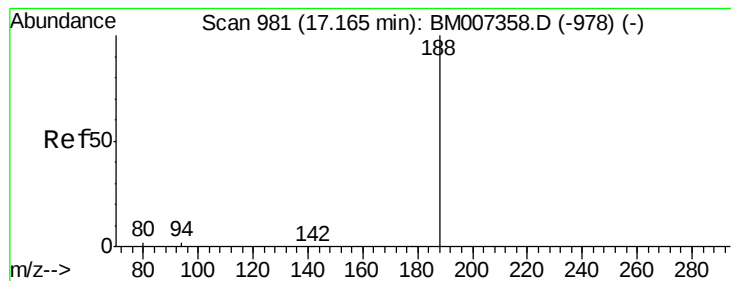


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.17 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

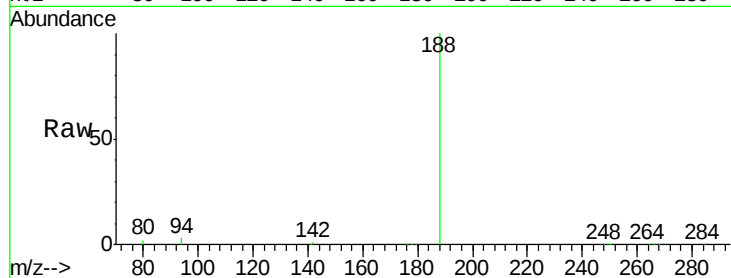
Tgt Ion:188 Resp: 23574

Ion Ratio Lower Upper

188 100

94 2.7 2.0 3.0

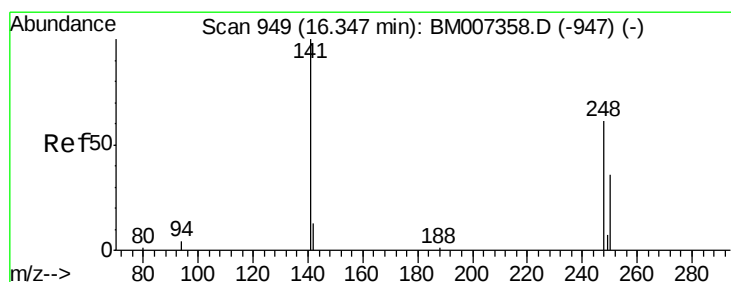
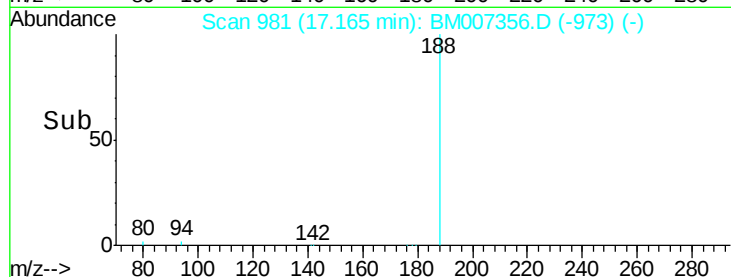
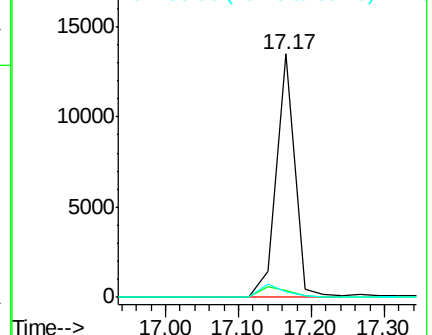
80 2.3 1.6 2.4



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: 0.13 ng

RT: 16.37 min Scan# 950

Delta R.T. 0.03 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

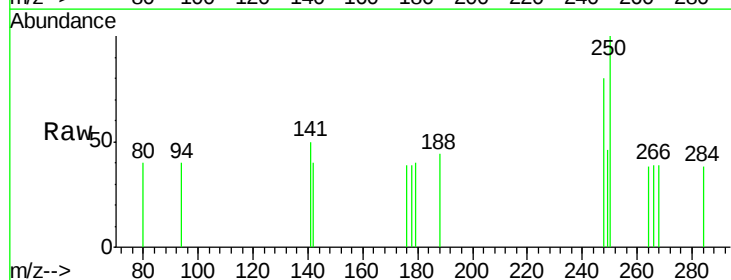
Tgt Ion:248 Resp: 159

Ion Ratio Lower Upper

248 100

250 106.9 0.0 0.0#

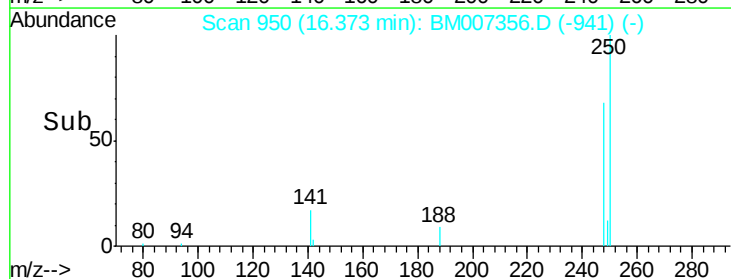
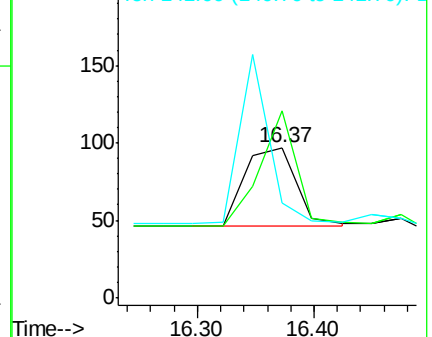
141 0.0 98.2 147.4#

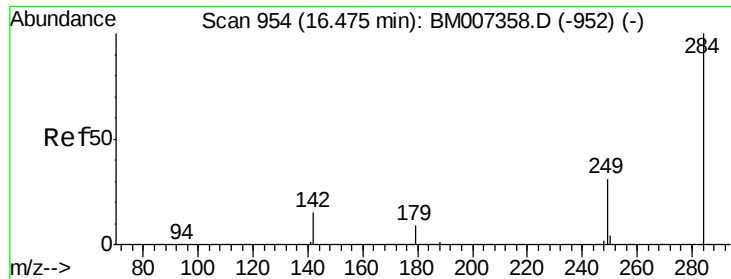


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

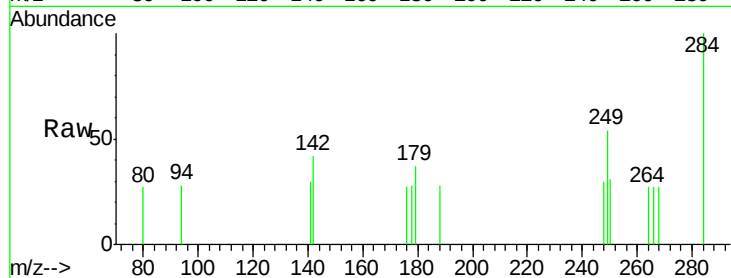




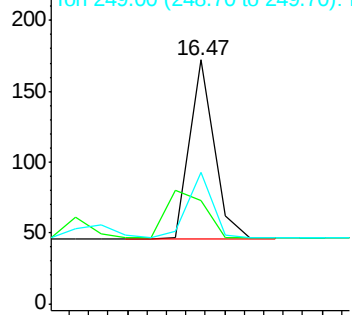
#21
Hexachlorobenzene
Concen: 0.18 ng
RT: 16.47 min Scan# 954
Delta R.T. 0.00 min
Lab File: BM007356.D
Acq: 01 Sep 2016 13:01

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

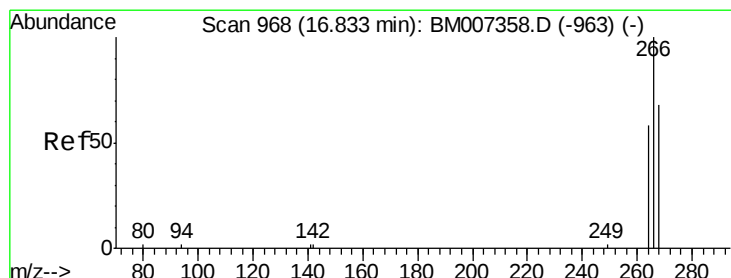
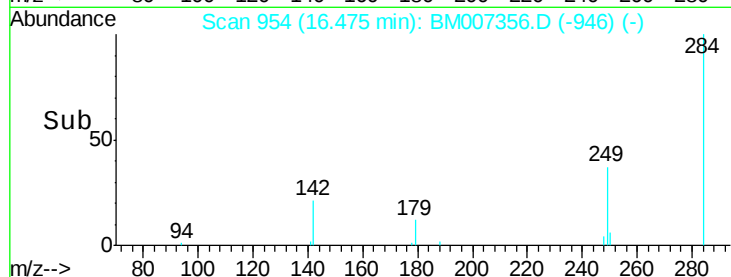
Tgt Ion: 284 Resp: 222
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 35.1 26.6 40.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

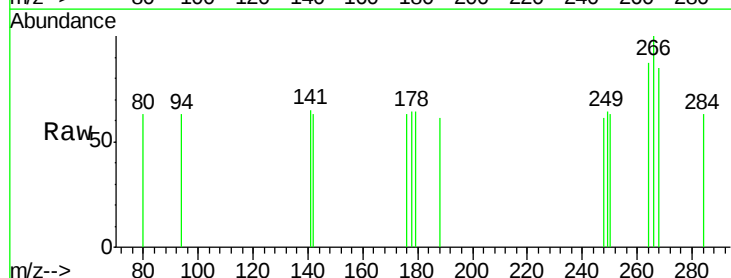


Time-->

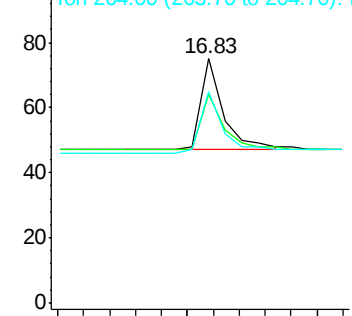


#22
Pentachlorophenol
Concen: 0.19 ng
RT: 16.83 min Scan# 968
Delta R.T. 0.00 min
Lab File: BM007356.D
Acq: 01 Sep 2016 13:01

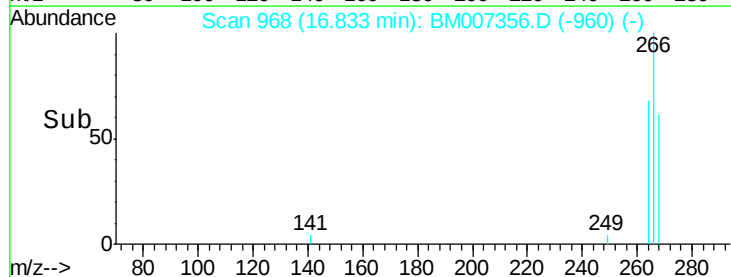
Tgt Ion: 266 Resp: 67
Ion Ratio Lower Upper
266 100
268 85.3 66.4 99.6
264 86.7 61.6 92.4

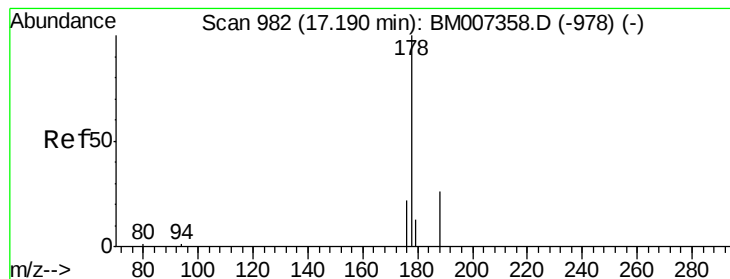


Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



Time-->





#23

Phenanthrene

Concen: 0.15 ng

RT: 17.19 min Scan# 982

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

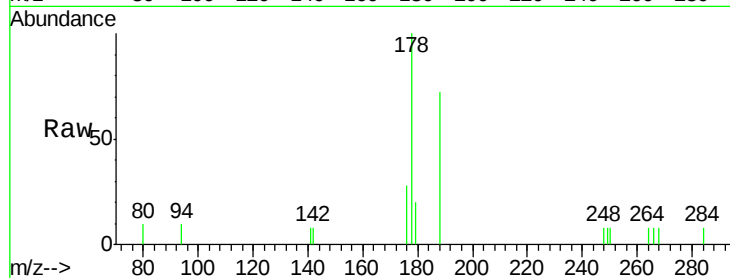
Tgt Ion:178 Resp: 1153

Ion Ratio Lower Upper

178 100

176 20.5 16.6 24.8

179 16.1 12.5 18.7



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

800

600

400

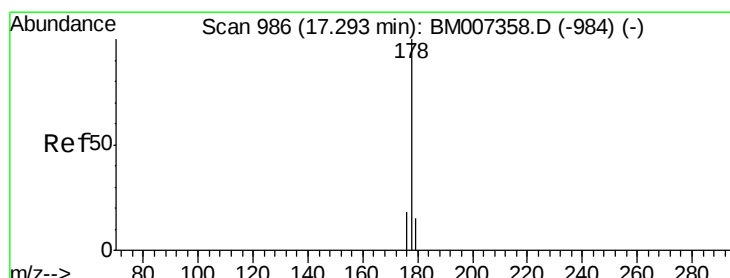
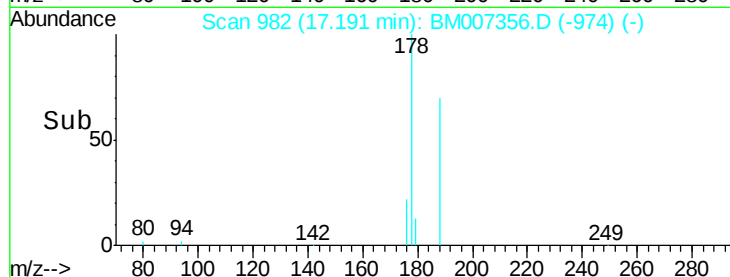
200

0

17.10 17.20

17.19

Time-->



#24

Anthracene

Concen: 0.19 ng

RT: 17.29 min Scan# 986

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

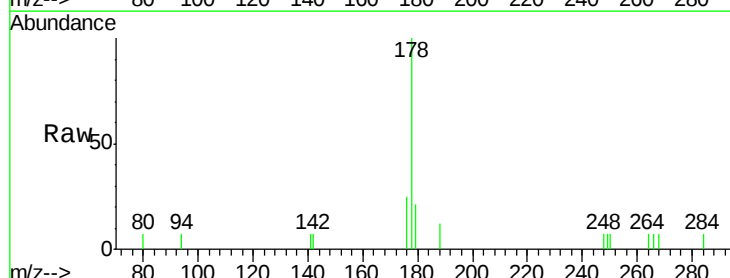
Tgt Ion:178 Resp: 1110

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.3 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

800

600

400

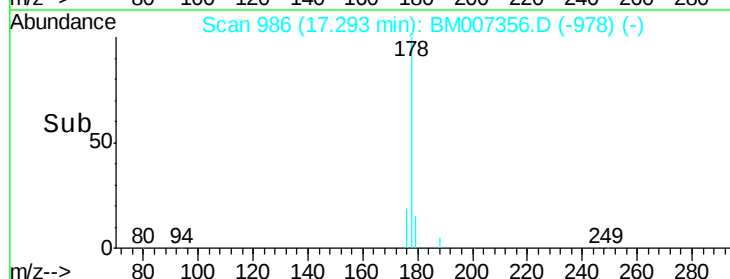
200

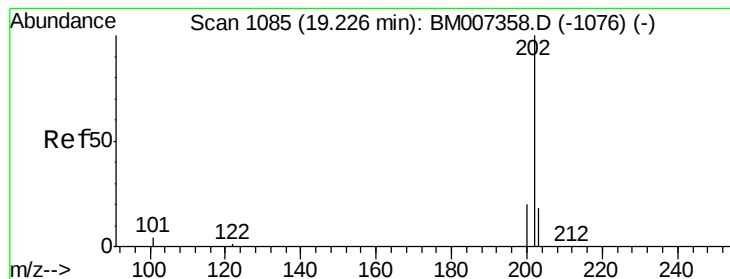
0

17.20 17.30 17.40

17.29

Time-->





#25

Fluoranthene

Concen: 0.17 ng

RT: 19.23 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

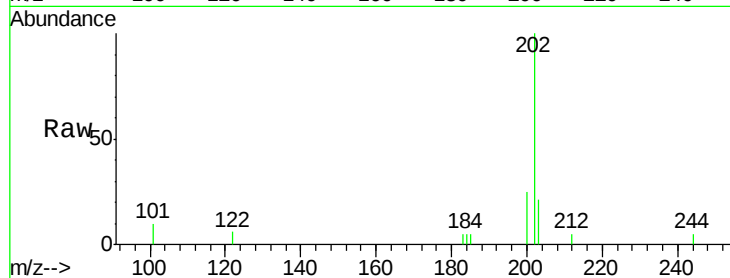
Tgt Ion:202 Resp: 1285

Ion Ratio Lower Upper

202 100

101 8.1 6.5 9.7

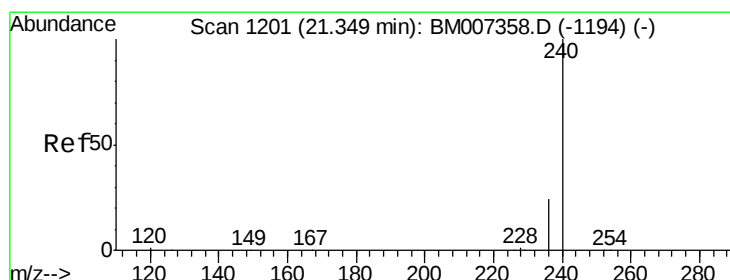
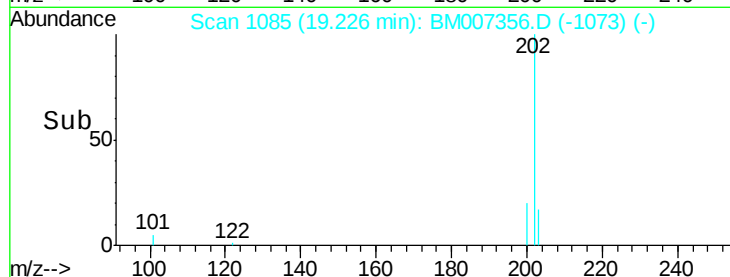
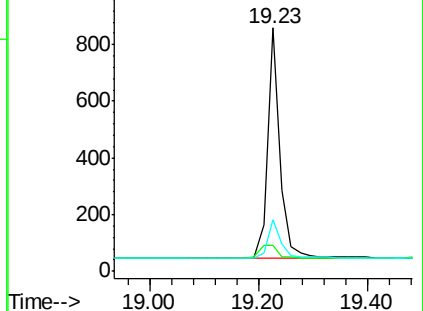
203 17.2 14.2 21.2



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: 21.35 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

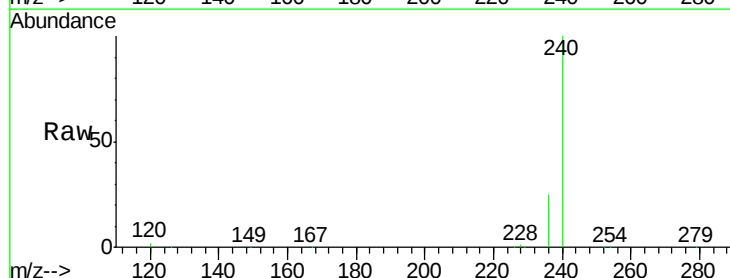
Tgt Ion:240 Resp: 23823

Ion Ratio Lower Upper

240 100

120 2.0 1.3 1.9#

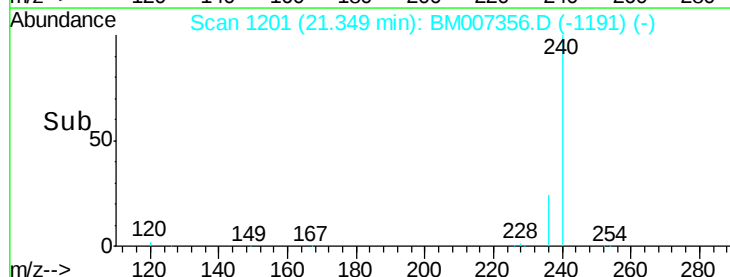
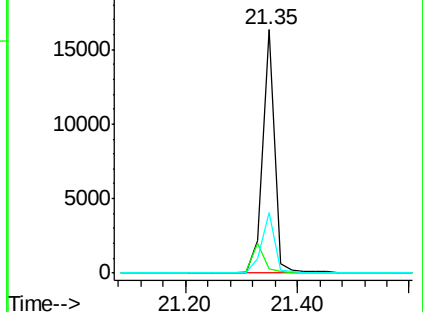
236 24.7 19.1 28.7

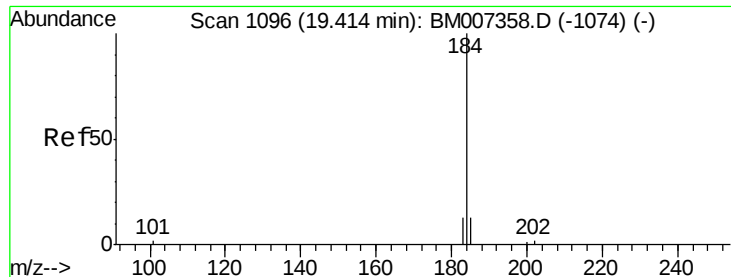


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.22 ng

RT: 19.43 min Scan# 1097

Delta R.T. 0.02 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

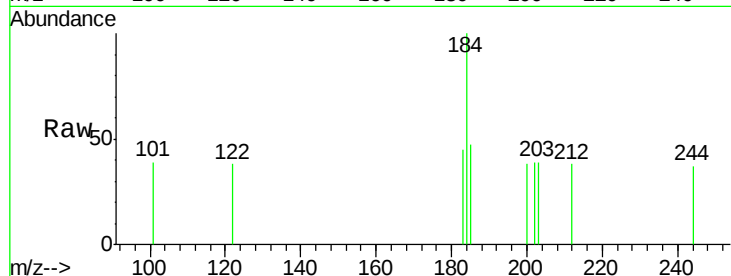
Tgt Ion:184 Resp: 281

Ion Ratio Lower Upper

184 100

185 47.2 29.8 44.8#

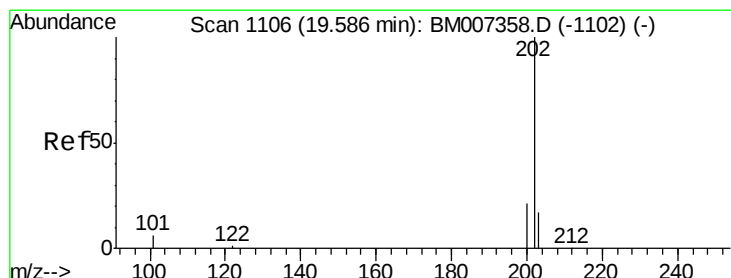
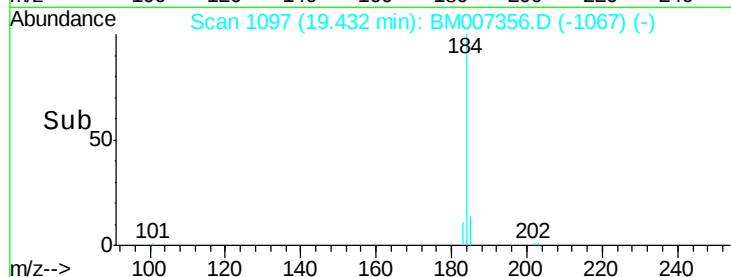
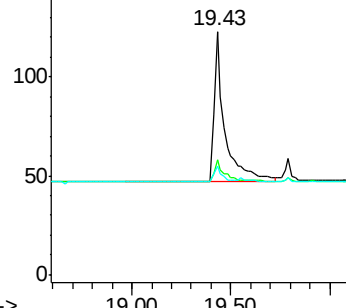
183 44.7 29.8 44.8



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: 0.17 ng

RT: 19.59 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

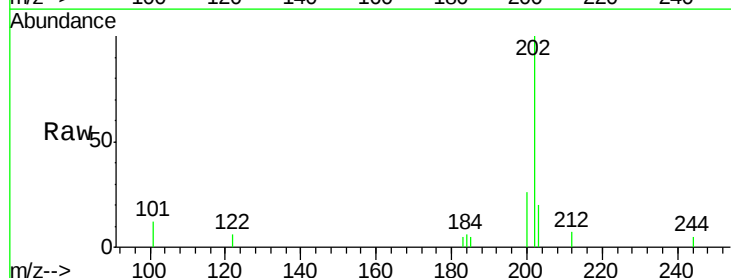
Tgt Ion:202 Resp: 1380

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

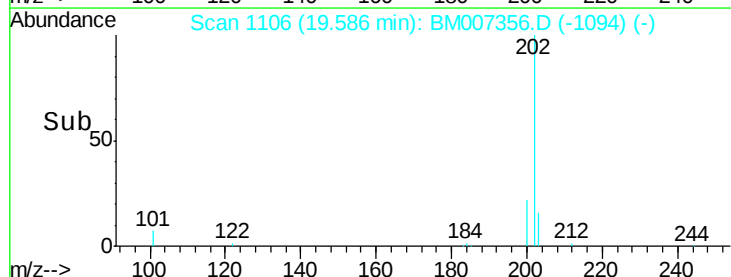
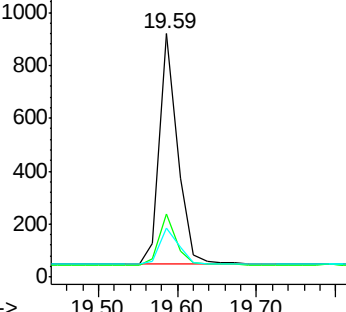
203 17.2 13.8 20.8

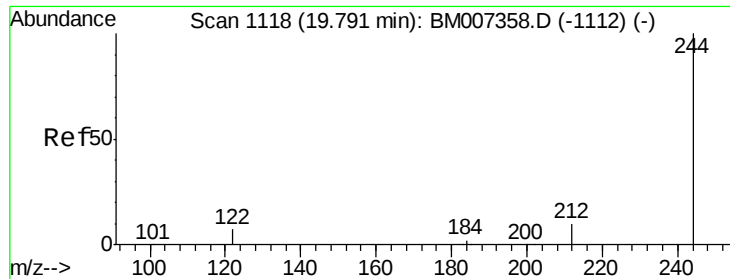


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.16 ng

RT: 19.79 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

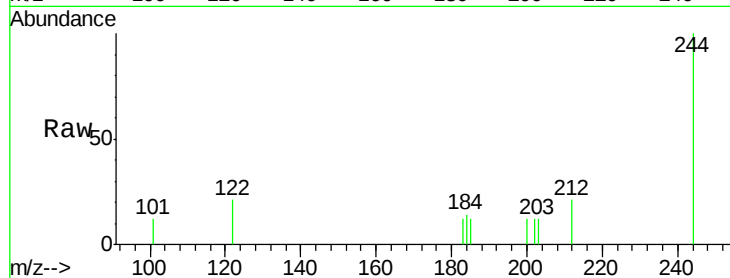
Tgt Ion:244 Resp: 646

Ion Ratio Lower Upper

244 100

212 20.9 12.2 18.4#

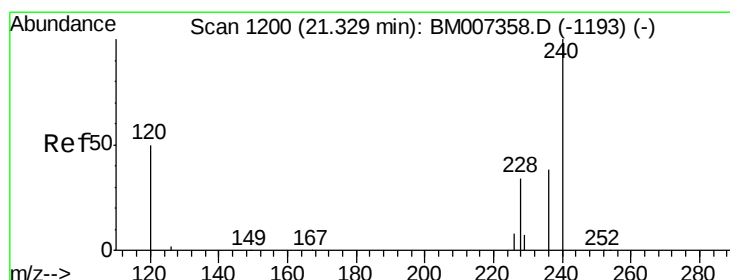
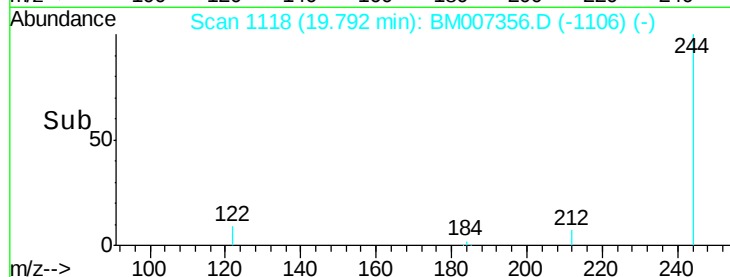
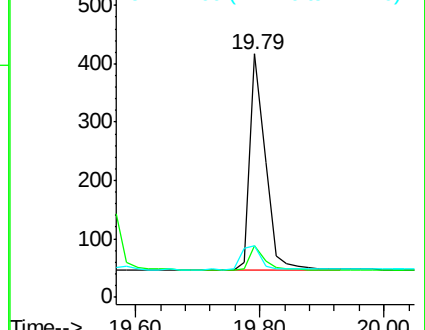
122 20.9 9.6 14.4#



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: 0.38 ng

RT: 21.33 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

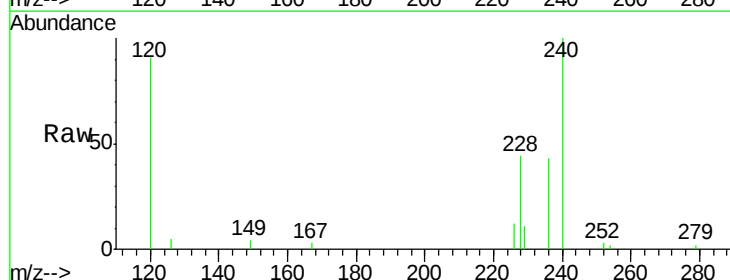
Tgt Ion:228 Resp: 2768

Ion Ratio Lower Upper

228 100

226 28.2 20.4 30.6

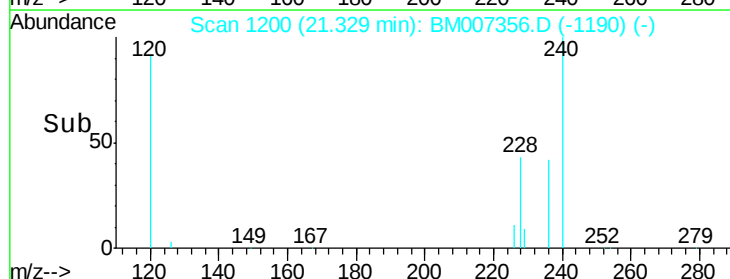
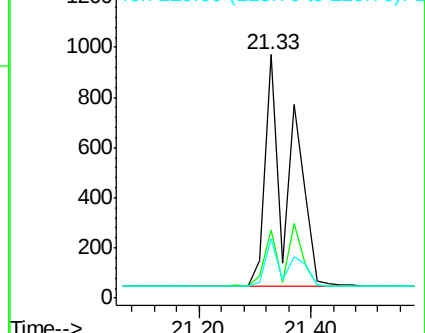
229 24.2 19.0 28.4

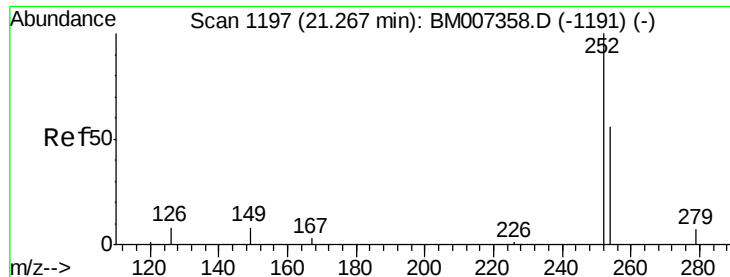


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

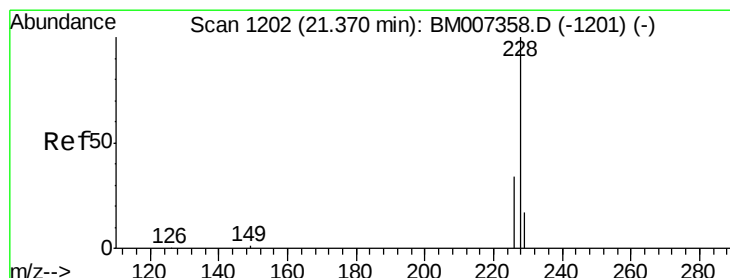
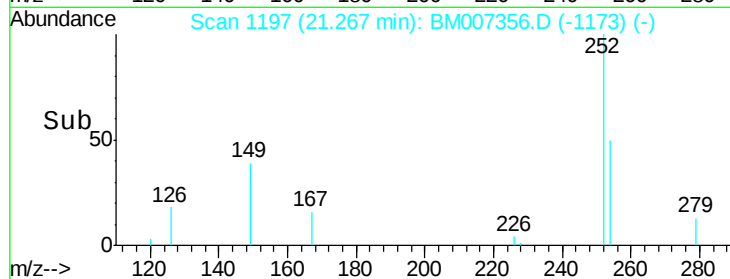
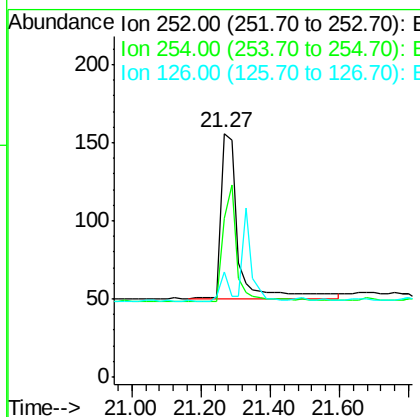
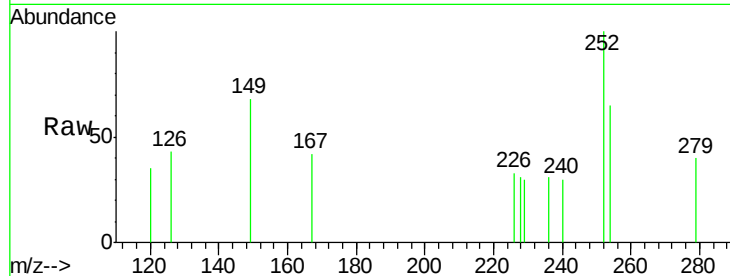




#31
 3,3'-Dichlorobenzidine
 Concen: 0.18 ng
 RT: 21.27 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BM007356.D
 Acq: 01 Sep 2016 13:01

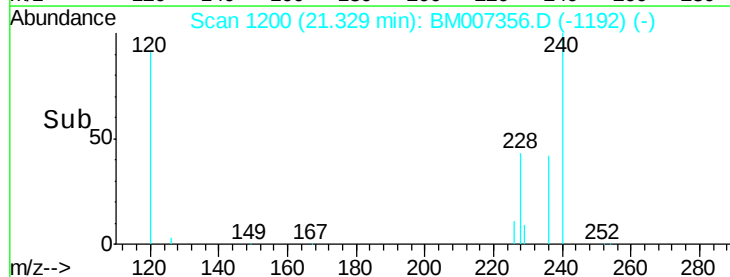
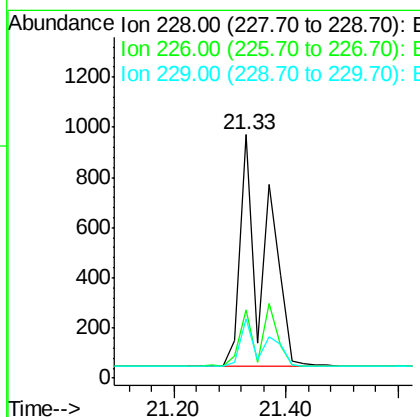
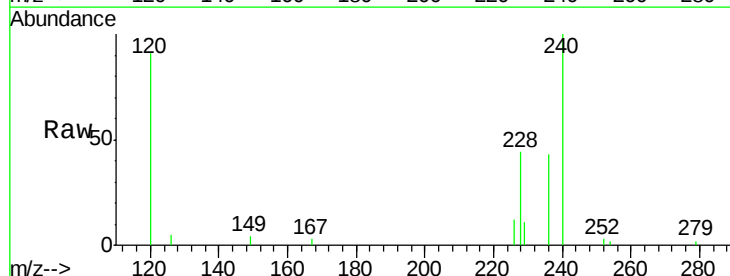
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

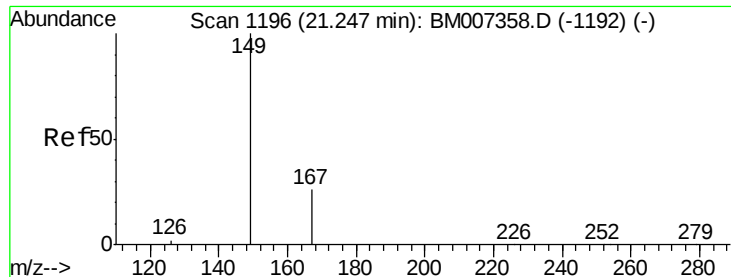
Tgt Ion: 252 Resp: 359
 Ion Ratio Lower Upper
 252 100
 254 65.4 49.4 74.0
 126 42.9 16.3 24.5#



#32
 Chrysene
 Concen: 0.38 ng
 RT: 21.33 min Scan# 1200
 Delta R.T. -0.04 min
 Lab File: BM007356.D
 Acq: 01 Sep 2016 13:01

Tgt Ion: 228 Resp: 2776
 Ion Ratio Lower Upper
 228 100
 226 28.2 28.3 42.5#
 229 24.2 15.7 23.5#





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.15 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

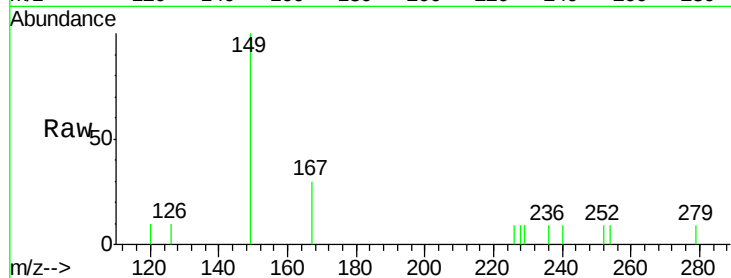
Tgt Ion:149 Resp: 667

Ion Ratio Lower Upper

149 100

167 25.5 21.0 31.4

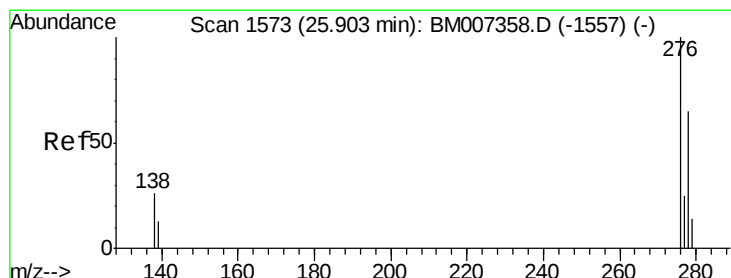
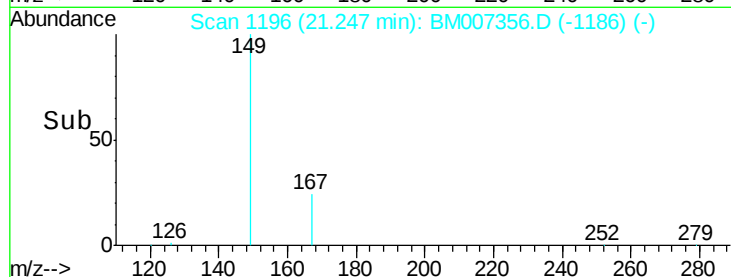
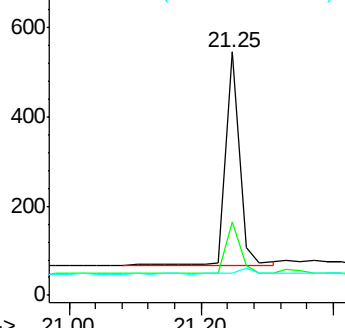
279 0.0 0.0 0.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Indeno(1,2,3-cd)pyrene

Concen: 0.21 ng

RT: 25.90 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

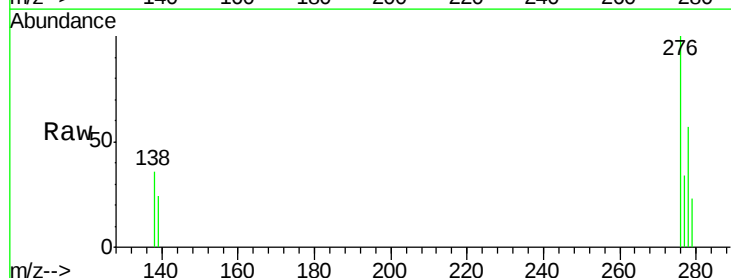
Tgt Ion:276 Resp: 1109

Ion Ratio Lower Upper

276 100

138 26.1 21.0 31.4

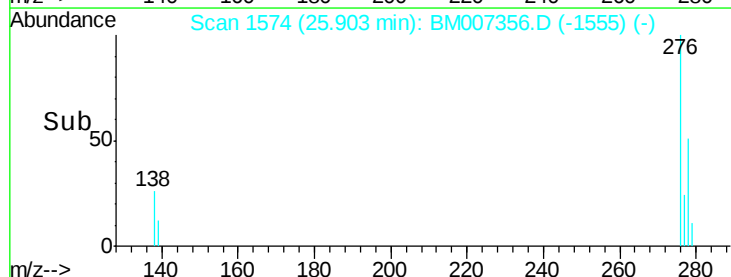
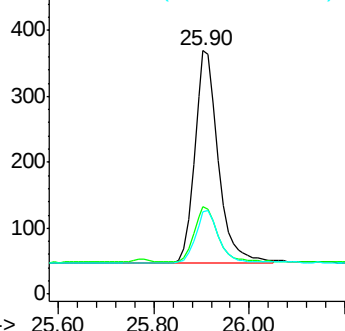
277 24.2 19.7 29.5

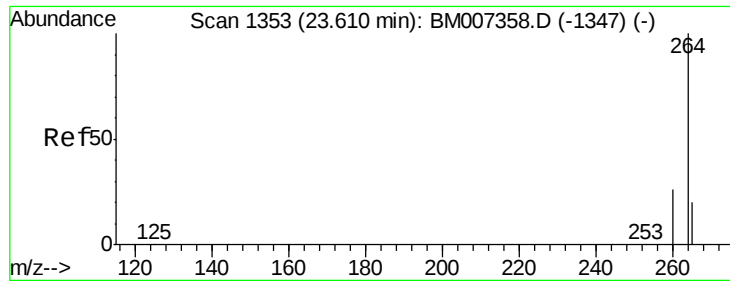


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

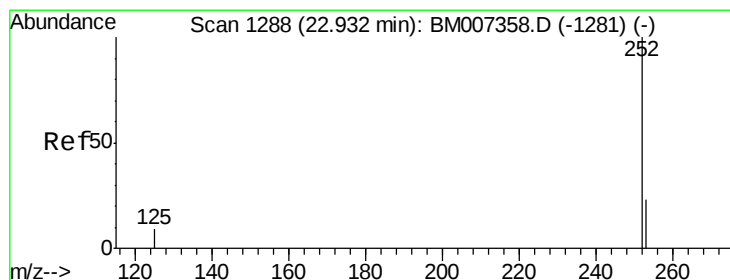
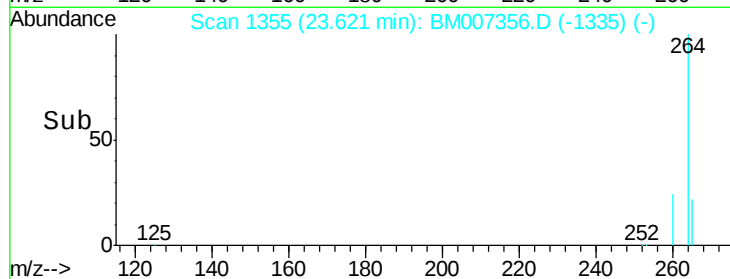
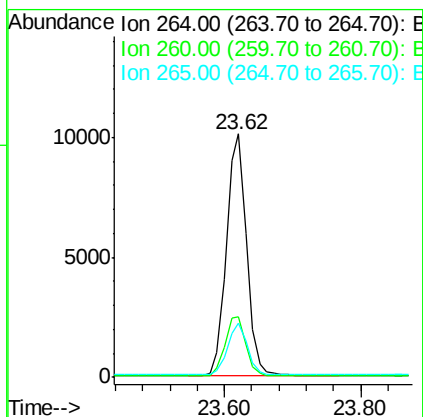
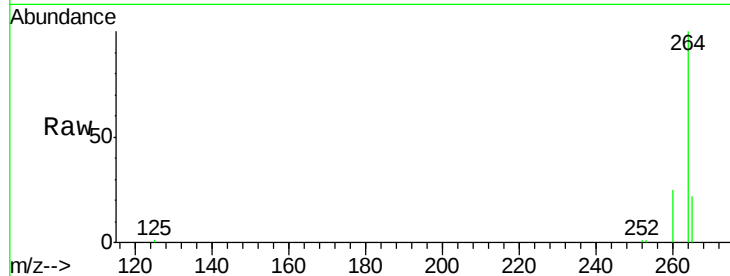




#35
Perylene-d12
 Concen: 5.00 ng
 RT: 23.62 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BM007356.D
 Acq: 01 Sep 2016 13:01

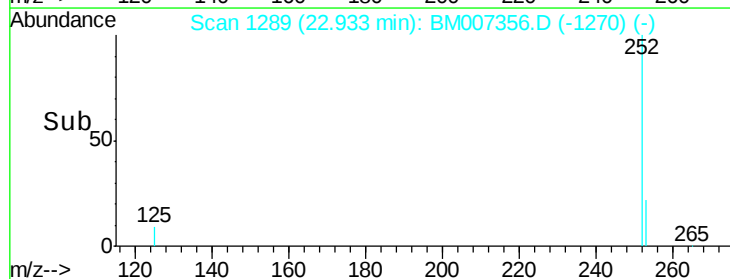
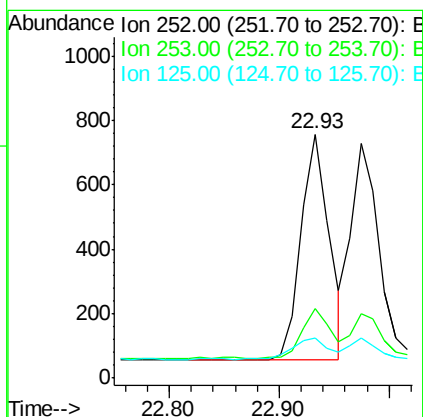
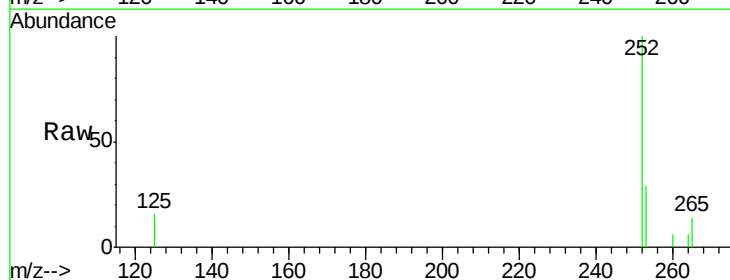
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

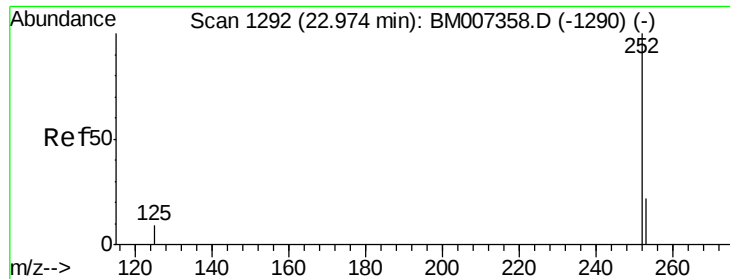
Tgt Ion: 264 Resp: 20812
 Ion Ratio Lower Upper
 264 100
 260 24.8 21.2 31.8
 265 22.5 17.1 25.7



#36
Benzo(b)fluoranthene
 Concen: 0.19 ng
 RT: 22.93 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BM007356.D
 Acq: 01 Sep 2016 13:01

Tgt Ion: 252 Resp: 1245
 Ion Ratio Lower Upper
 252 100
 253 28.6 21.4 32.2
 125 16.4 10.5 15.7#





#37

Benzo(k)fluoranthene

Concen: 0.20 ng

RT: 22.97 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

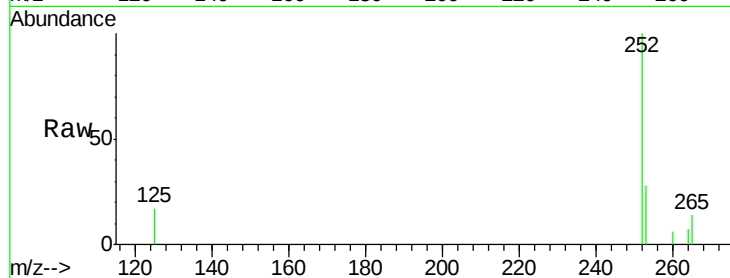
Tgt Ion: 252 Resp: 1212

Ion Ratio Lower Upper

252 100

253 27.5 20.6 30.8

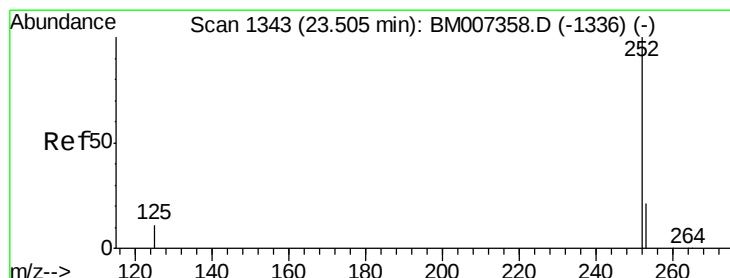
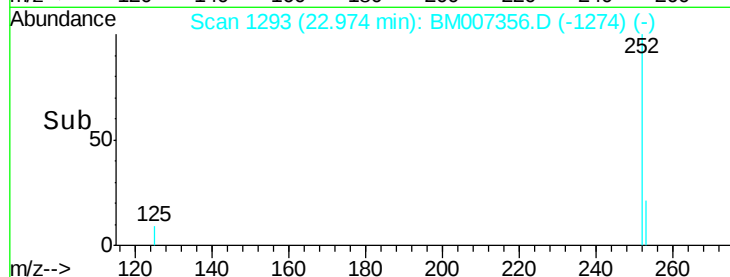
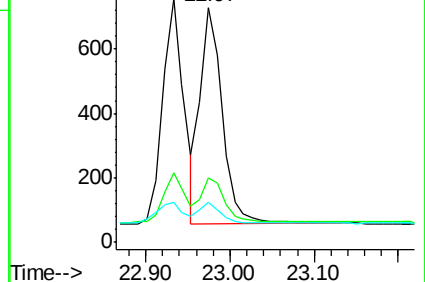
125 16.8 10.7 16.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(a)pyrene

Concen: 0.20 ng

RT: 23.52 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

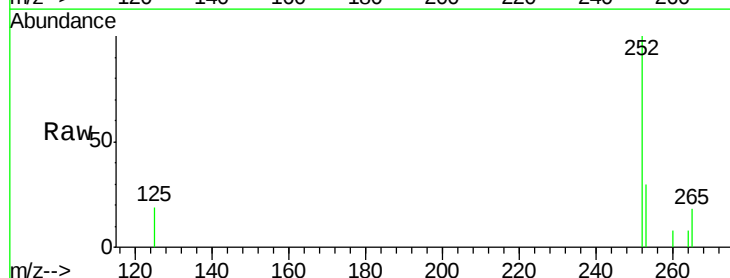
Tgt Ion: 252 Resp: 1126

Ion Ratio Lower Upper

252 100

253 30.4 20.6 31.0

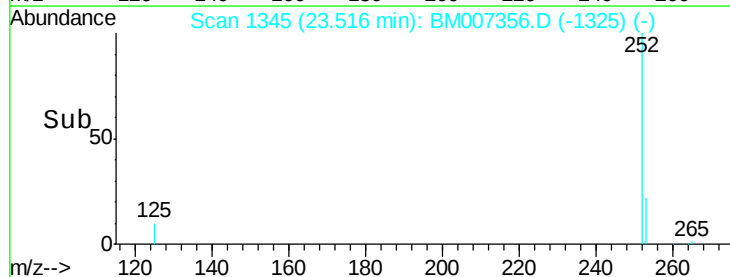
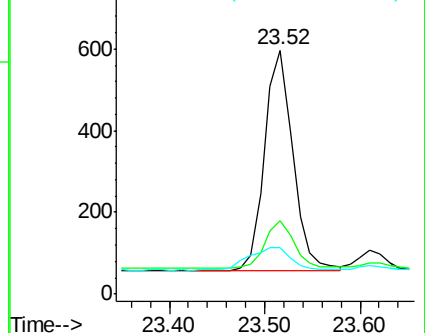
125 19.1 13.0 19.4

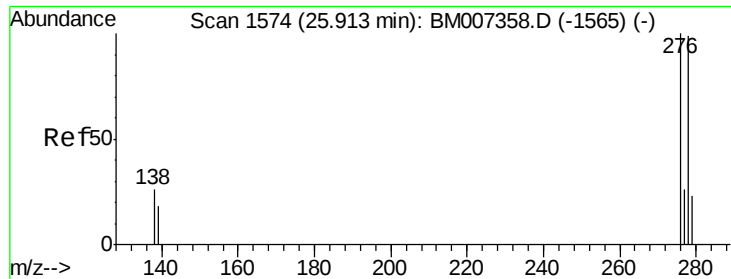


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.20 ng

RT: 25.92 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

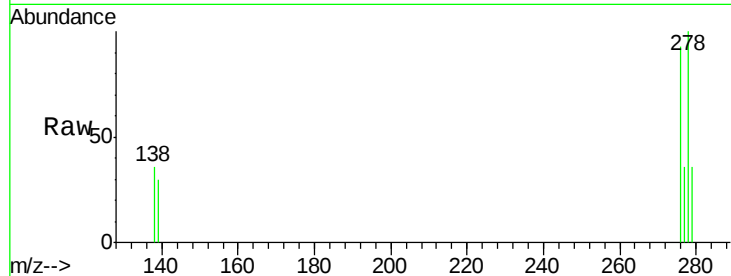
Tgt Ion: 278 Resp: 881

Ion Ratio Lower Upper

278 100

139 30.1 20.4 30.6

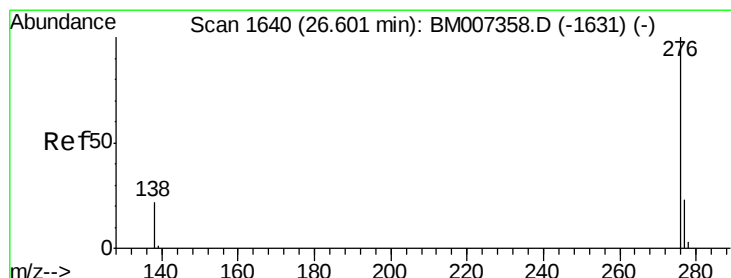
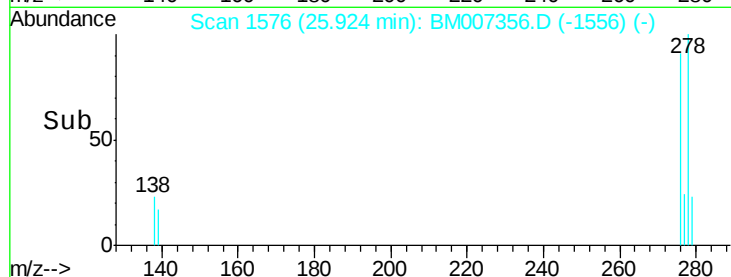
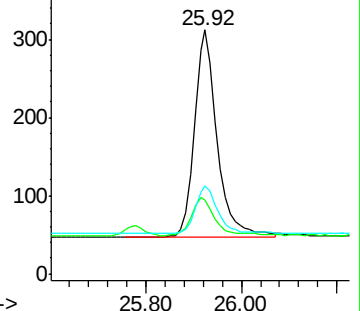
279 36.2 24.2 36.4



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: 0.20 ng

RT: 26.60 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BM007356.D

Acq: 01 Sep 2016 13:01

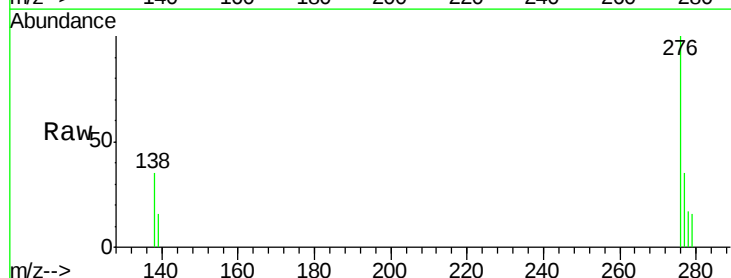
Tgt Ion: 276 Resp: 943

Ion Ratio Lower Upper

276 100

277 34.8 24.2 36.2

138 34.8 23.1 34.7#



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

