

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090116\
 Data File : BM007357.D
 Acq On : 01 Sep 2016 13:37
 Operator : UM/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

Quant Time: Sep 02 05:02:49 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	2434	5.00	ng	0.00
7) Naphthalene-d8	10.58	136	11616	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	8671	5.00	ng	0.00
19) Phenanthrene-d10	17.17	188	20918	5.00	ng	0.00
26) Chrysene-d12	21.35	240	23005	5.00	ng	0.00
35) Perylene-d12	23.61	264	21179	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	384	0.68	ng	0.00
5) Phenol-d6	6.97	99	484	0.70	ng	0.00
8) Nitrobenzene-d5	8.87	82	58	0.10	ng	-0.09
14) 2,4,6-Tribromophenol	15.93	330	598	1.76	ng	0.00
15) 2-Fluorobiphenyl	13.05	172	2075	0.79	ng	0.00
29) Terphenyl-d14	19.79	244	2619	0.66	ng	0.00

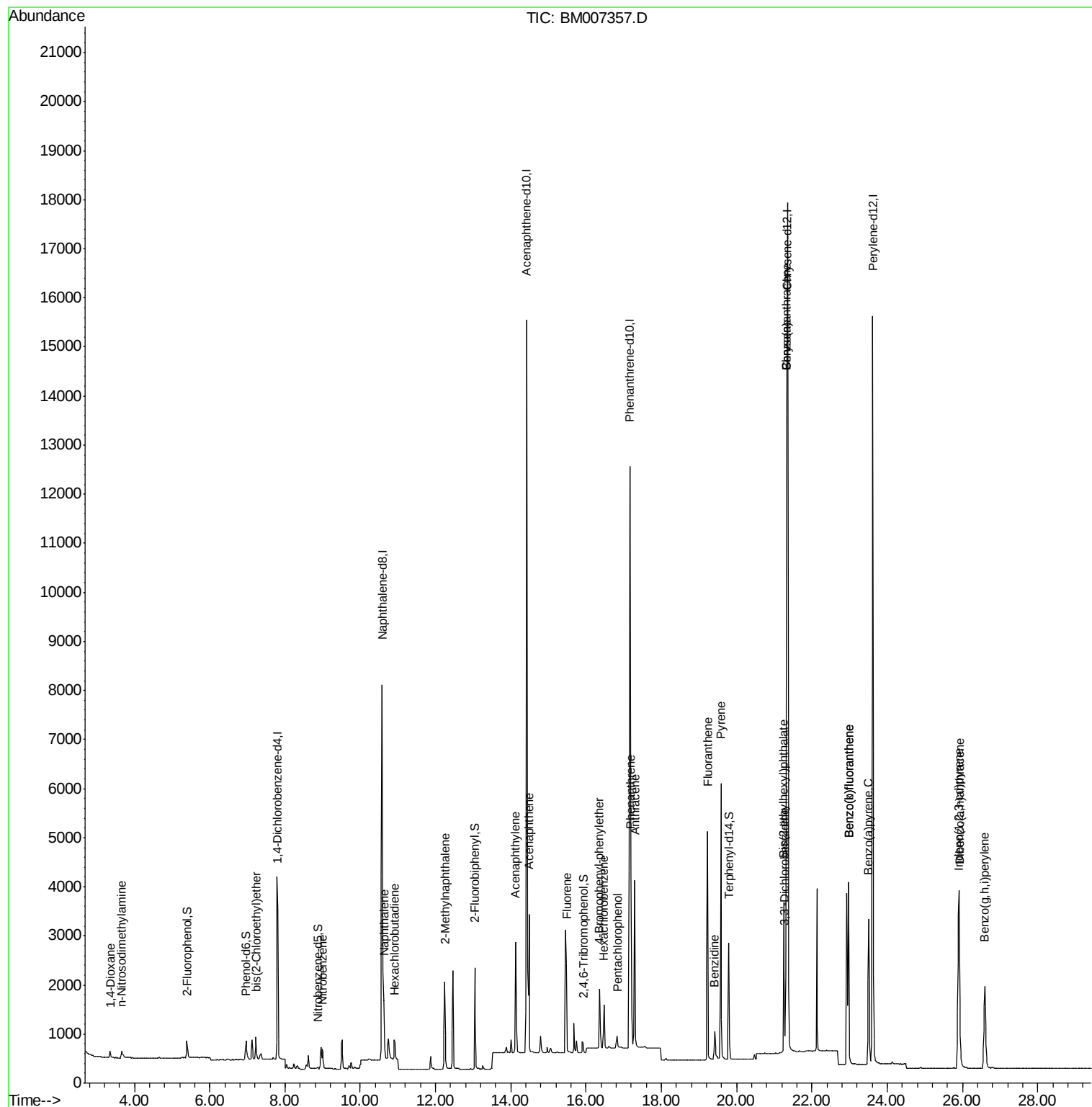
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	155	0.61	ng	90
3) n-Nitrosodimethylamine	3.66	42	187	0.75	ng	# 93
6) bis(2-Chloroethyl)ether	7.23	93	410	0.67	ng	98
9) Nitrobenzene	8.99	77	486	0.71	ng	98
10) Naphthalene	10.63	128	2117	0.80	ng	92
11) Hexachlorobutadiene	10.91	225	673	1.63	ng	# 4
12) 2-Methylnaphthalene	12.25	142	1516	0.86	ng	93
16) Acenaphthylene	14.13	152	2879	0.74	ng	100
17) Acenaphthene	14.48	154	1940	0.76	ng	99
18) Fluorene	15.48	166	2327	0.77	ng	# 13
20) 4-Bromophenyl-phenylether	16.35	248	713	0.63	ng	# 90
21) Hexachlorobenzene	16.48	284	886	0.79	ng	# 100
22) Pentachlorophenol	16.83	266	271	0.85	ng	95
23) Phenanthrene	17.19	178	4539	0.67	ng	99
24) Anthracene	17.29	178	4412	0.86	ng	98
25) Fluoranthene	19.23	202	5062	0.77	ng	99
27) Benzidine	19.41	184	1136	0.92	ng	# 72
28) Pyrene	19.59	202	5545	0.71	ng	100
30) Benzo(a)anthracene	21.33	228	5217	0.74	ng	97
31) 3,3'-Dichlorobenzidine	21.27	252	1560	0.80	ng	# 94
32) Chrysene	21.33	228	5217	0.74	ng	# 85
33) Bis(2-ethylhexyl)phthalate	21.25	149	3027	0.69	ng	# 99
34) Indeno(1,2,3-cd)pyrene	25.89	276	4615	0.91	ng	100
36) Benzo(b)fluoranthene	22.97	252	4631	0.68	ng	94
37) Benzo(k)fluoranthene	22.97	252	4666	0.74	ng	95
38) Benzo(a)pyrene	23.51	252	4582	0.78	ng	# 93
39) Dibenzo(a,h)anthracene	25.91	278	3677	0.80	ng	# 92
40) Benzo(g,h,i)perylene	26.59	276	3844	0.80	ng	94

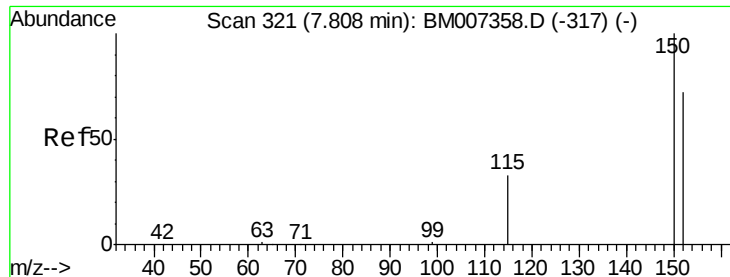
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090116\
Data File : BM007357.D
Acq On : 01 Sep 2016 13:37
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Quant Time: Sep 02 05:02:49 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

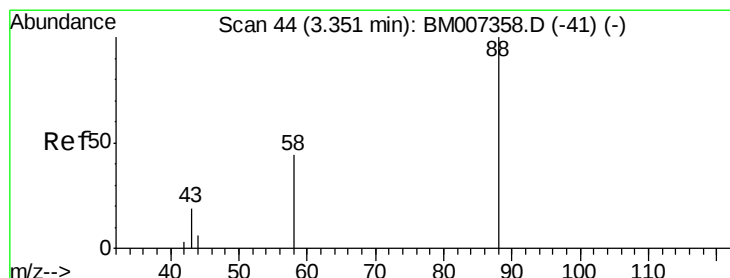
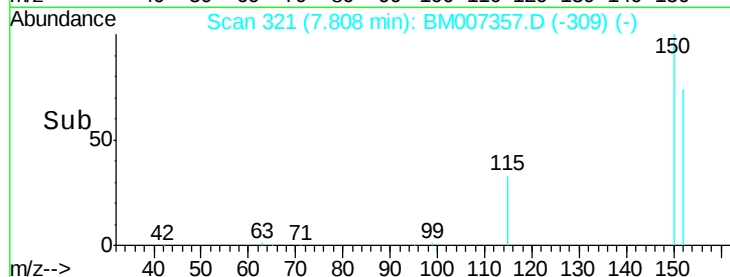
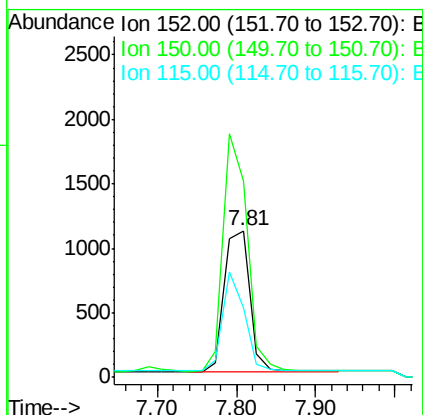
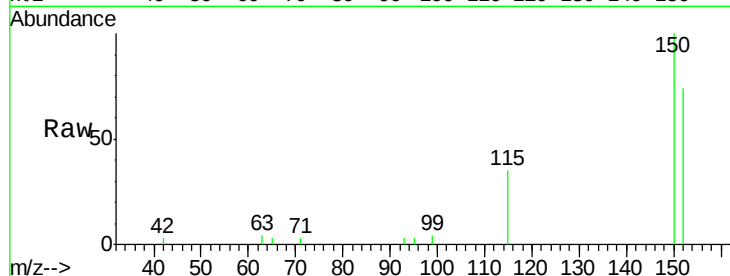




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.81 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: BM007357.D
 Acq: 01 Sep 2016 13:37

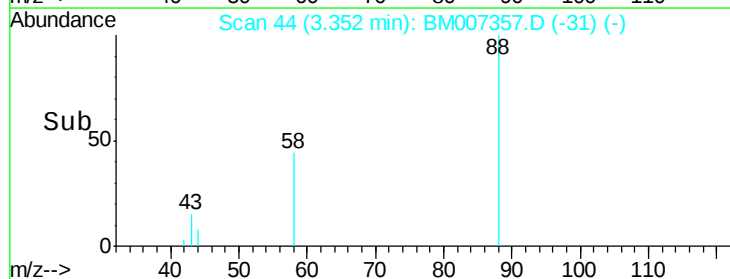
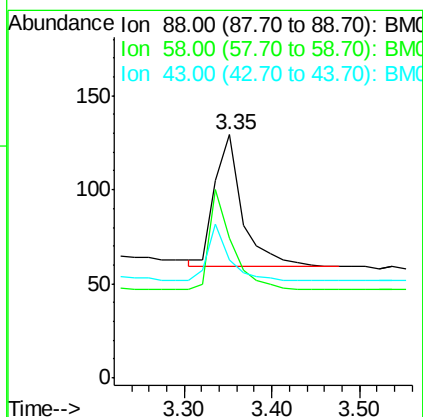
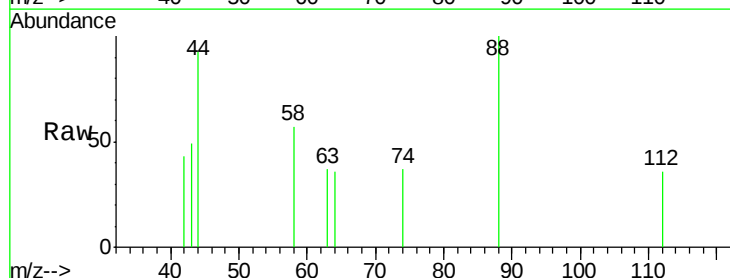
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

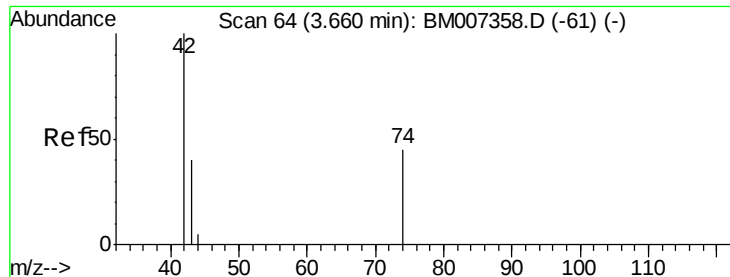
Tgt Ion: 152 Resp: 2434
 Ion Ratio Lower Upper
 152 100
 150 134.3 109.8 164.8
 115 47.1 39.0 58.4



#2
 1,4-Dioxane
 Concen: 0.61 ng
 RT: 3.35 min Scan# 44
 Delta R.T. 0.00 min
 Lab File: BM007357.D
 Acq: 01 Sep 2016 13:37

Tgt Ion: 88 Resp: 155
 Ion Ratio Lower Upper
 88 100
 58 61.3 41.0 61.4
 43 31.6 24.2 36.2





#3

n-Nitrosodimethylamine

Concen: 0.75 ng

RT: 3.66 min Scan# 64

Delta R.T. 0.00 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

Instrument :

BNA_M

ClientSampled :

SSTDICC0.8

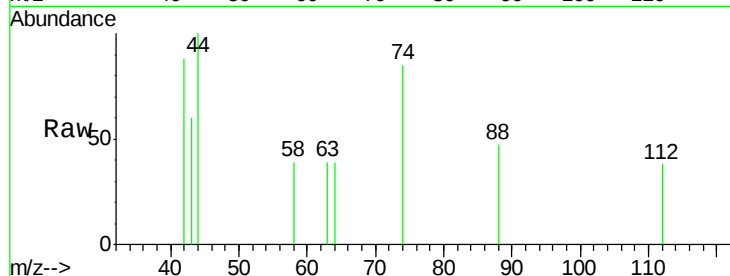
Tgt Ion: 42 Resp: 187

Ion Ratio Lower Upper

42 100

74 96.3 78.9 118.3

44 10.2 19.1 28.7#



Abundance Ion 42.00 (41.70 to 42.70): BM007357.D (-51) (-)

Ion 74.00 (73.70 to 74.70): BM007357.D (-51) (-)

Ion 44.00 (43.70 to 44.70): BM007357.D (-51) (-)

3.66

100

50

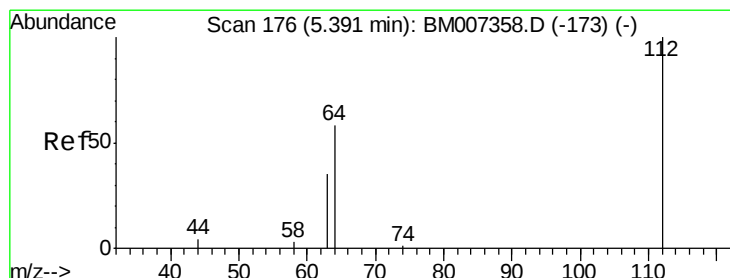
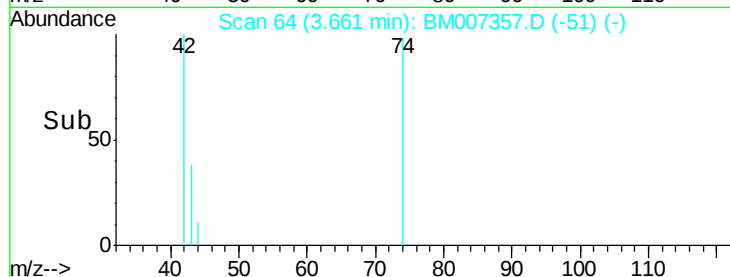
0

Time-->

3.60

3.70

3.80



#4

2-Fluorophenol

Concen: 0.68 ng

RT: 5.39 min Scan# 176

Delta R.T. 0.00 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

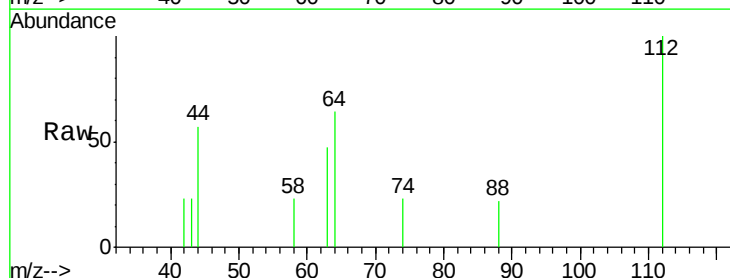
Tgt Ion: 112 Resp: 384

Ion Ratio Lower Upper

112 100

64 51.8 36.9 55.3

63 30.5 22.6 34.0



Abundance Ion 112.00 (111.70 to 112.70): BM007357.D (-163) (-)

Ion 64.00 (63.70 to 64.70): BM007357.D (-163) (-)

Ion 63.00 (62.70 to 63.70): BM007357.D (-163) (-)

5.39

300

250

200

150

100

50

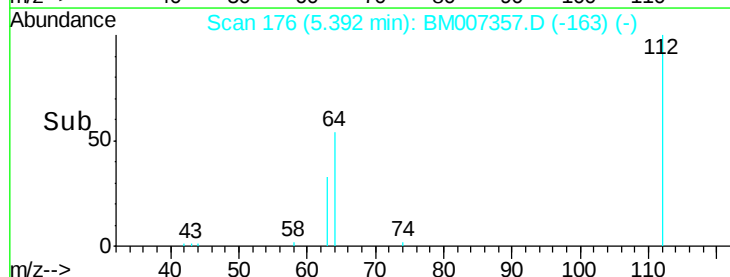
0

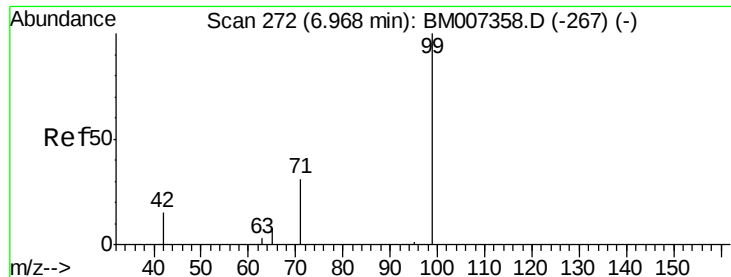
Time-->

5.30

5.40

5.50





#5

Phenol-d6

Concen: 0.70 ng

RT: 6.97 min Scan# 272

Delta R.T. 0.00 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

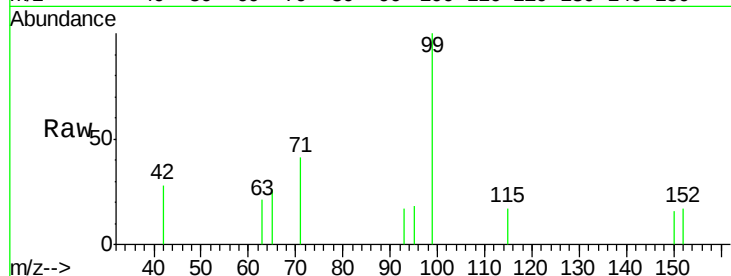
Tgt Ion: 99 Resp: 484

Ion Ratio Lower Upper

99 100

42 23.3 19.8 29.8

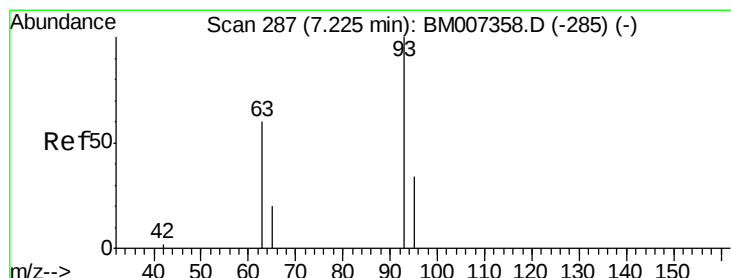
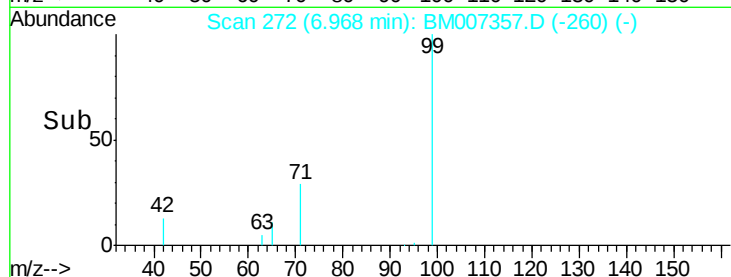
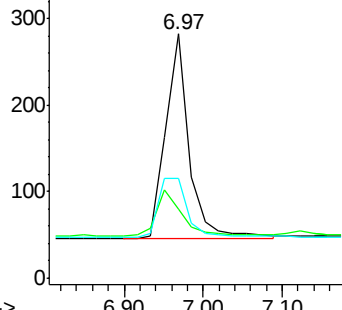
71 36.0 28.1 42.1



Abundance Ion 99.00 (98.70 to 99.70): BM007357.D (-260) (-)

Ion 42.00 (41.70 to 42.70): BM007357.D (-260) (-)

Ion 71.00 (70.70 to 71.70): BM007357.D (-260) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.67 ng

RT: 7.23 min Scan# 287

Delta R.T. 0.00 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

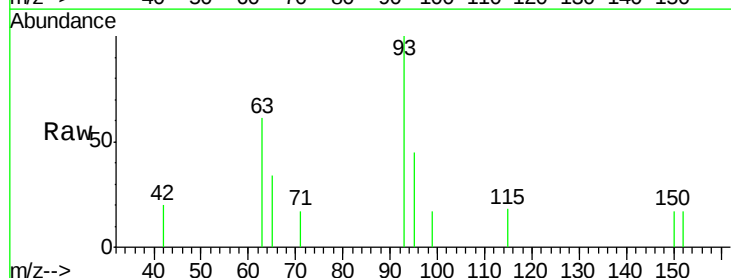
Tgt Ion: 93 Resp: 410

Ion Ratio Lower Upper

93 100

63 69.3 54.3 81.5

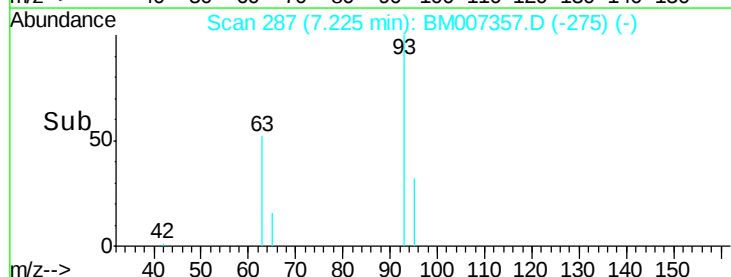
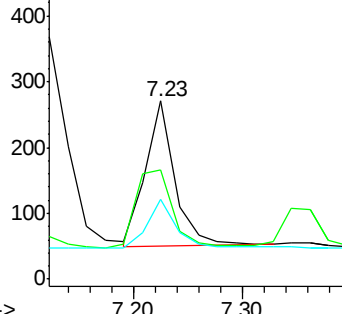
95 34.1 25.7 38.5

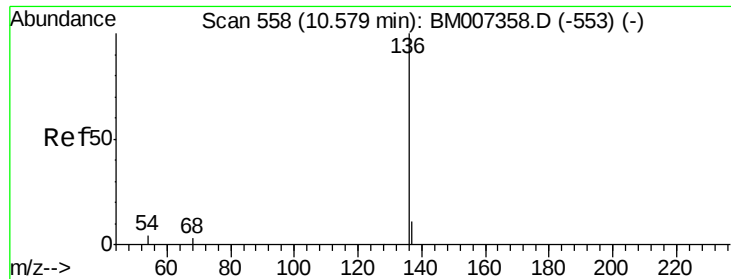


Abundance Ion 93.00 (92.70 to 93.70): BM007357.D (-275) (-)

Ion 63.00 (62.70 to 63.70): BM007357.D (-275) (-)

Ion 95.00 (94.70 to 95.70): BM007357.D (-275) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.58 min Scan# 558

Delta R.T. 0.00 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

Tgt Ion:136 Resp: 11616

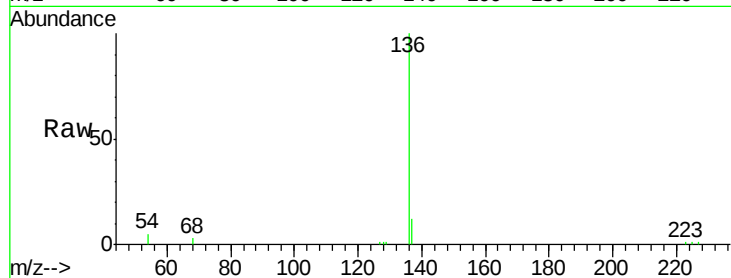
Ion Ratio Lower Upper

136 100

137 11.7 9.4 14.0

54 4.7 4.0 6.0

68 3.3 2.7 4.1

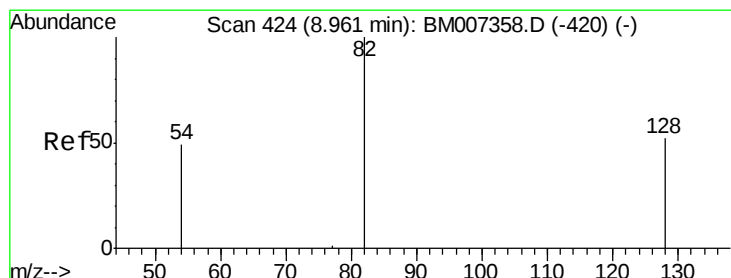
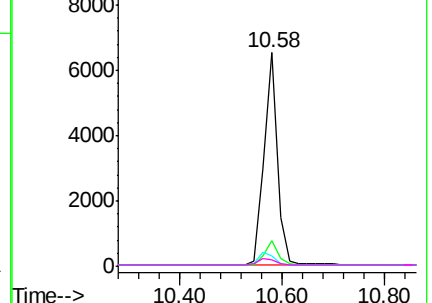
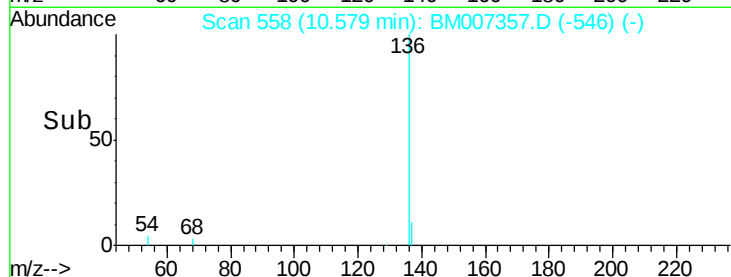


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.10 ng

RT: 8.87 min Scan# 415

Delta R.T. -0.09 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

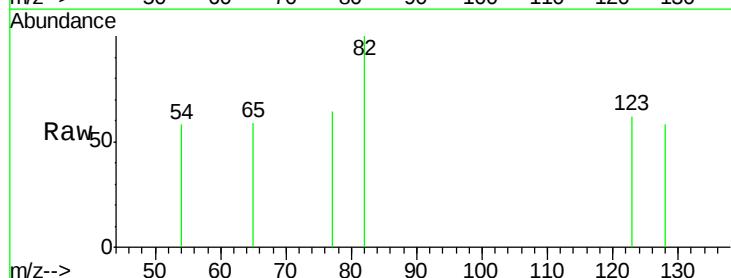
Tgt Ion: 82 Resp: 58

Ion Ratio Lower Upper

82 100

128 58.0 54.9 82.3

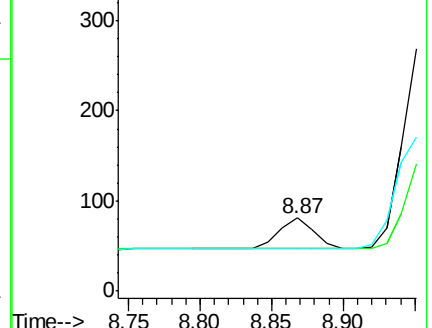
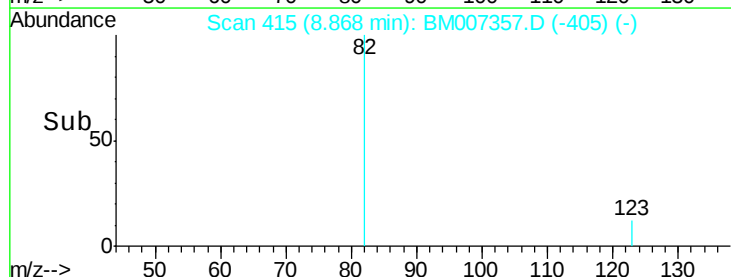
54 58.0 53.8 80.6

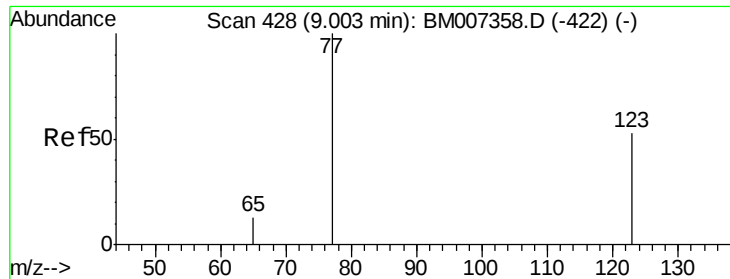


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.71 ng

RT: 8.99 min Scan# 427

Delta R.T. -0.01 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.8

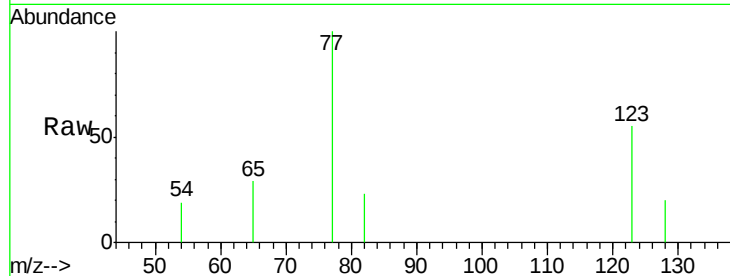
Tgt Ion: 77 Resp: 486

Ion Ratio Lower Upper

77 100

123 51.9 40.0 60.0

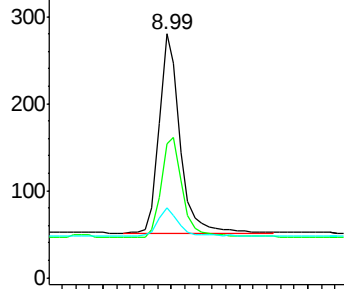
65 13.2 10.6 15.8



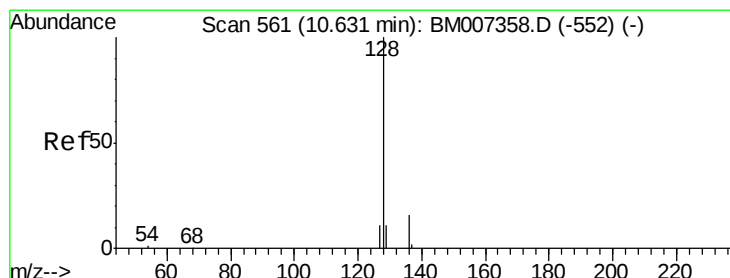
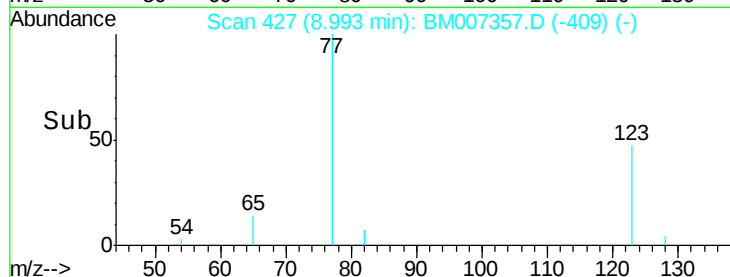
Abundance Ion 77.00 (76.70 to 77.70): BM007357.D (-409) (-)

Ion 123.00 (122.70 to 123.70): BM007357.D (-409) (-)

Ion 65.00 (64.70 to 65.70): BM007357.D (-409) (-)



Time-->



#10

Naphthalene

Concen: 0.80 ng

RT: 10.63 min Scan# 561

Delta R.T. 0.00 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

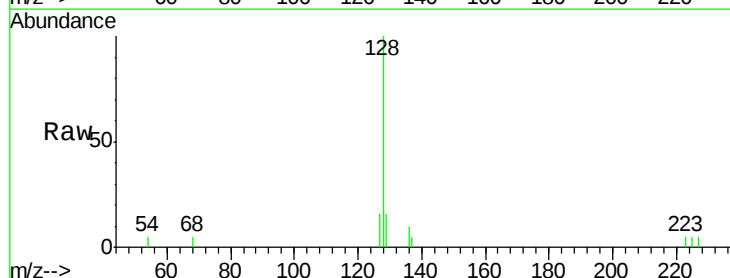
Tgt Ion: 128 Resp: 2117

Ion Ratio Lower Upper

128 100

129 15.9 15.5 23.3

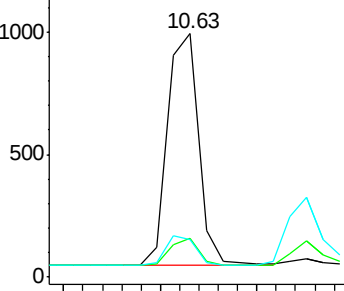
127 15.6 15.5 23.3



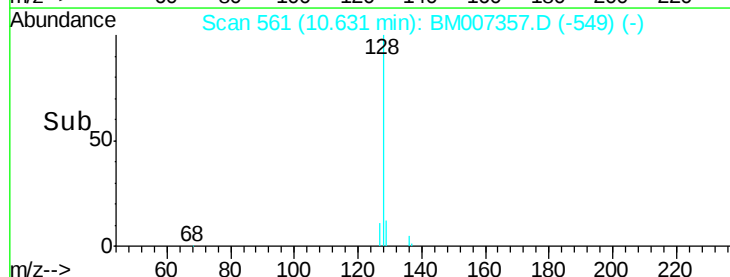
Abundance Ion 128.00 (127.70 to 128.70): BM007357.D (-549) (-)

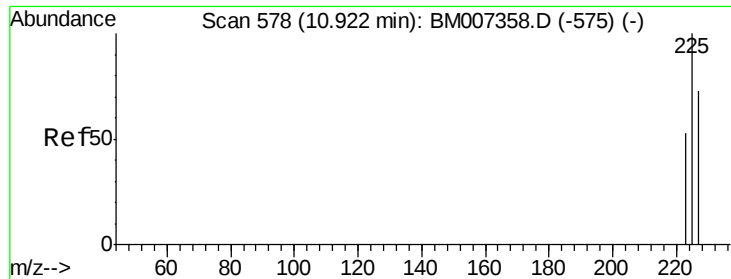
Ion 129.00 (128.70 to 129.70): BM007357.D (-549) (-)

Ion 127.00 (126.70 to 127.70): BM007357.D (-549) (-)



Time-->

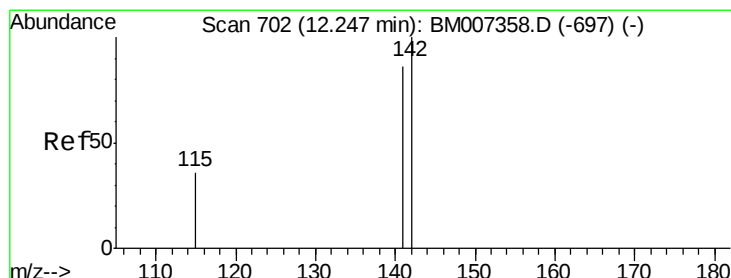
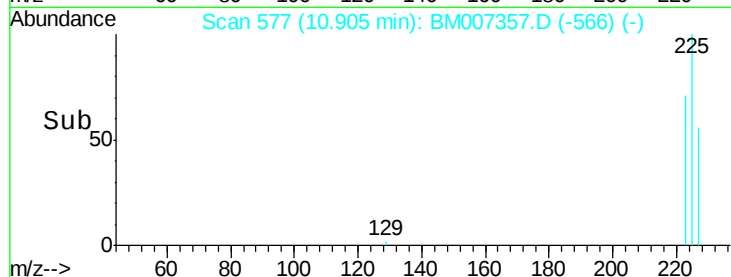
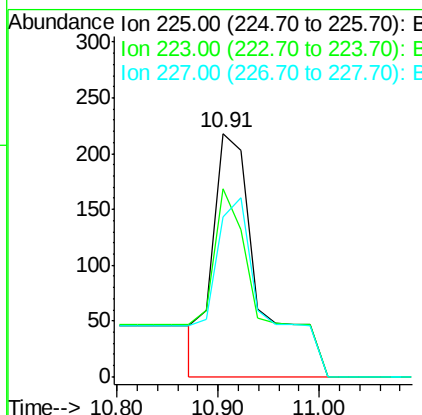
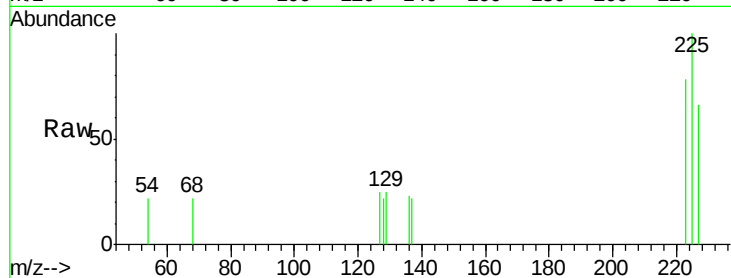




#11
Hexachlorobutadiene
Concen: 1.63 ng
RT: 10.91 min Scan# 577
Delta R.T. -0.02 min
Lab File: BM007357.D
Acq: 01 Sep 2016 13:37

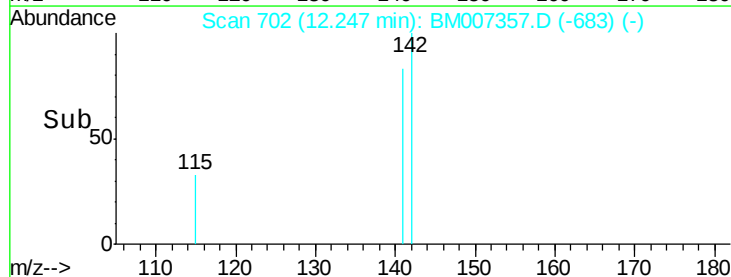
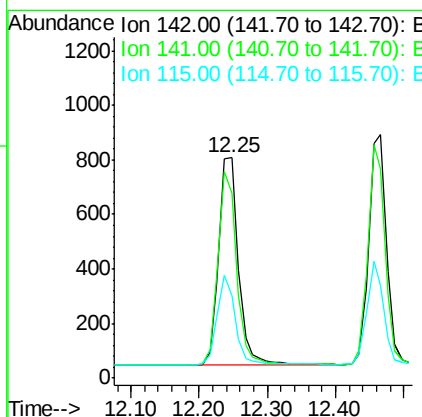
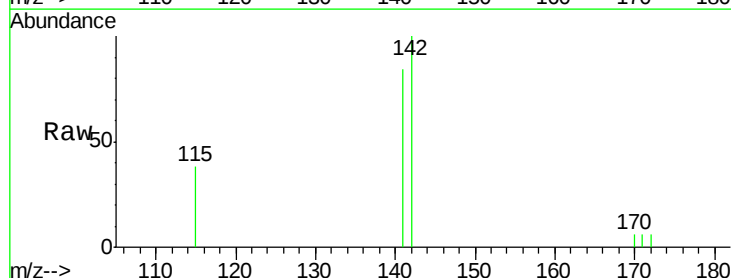
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

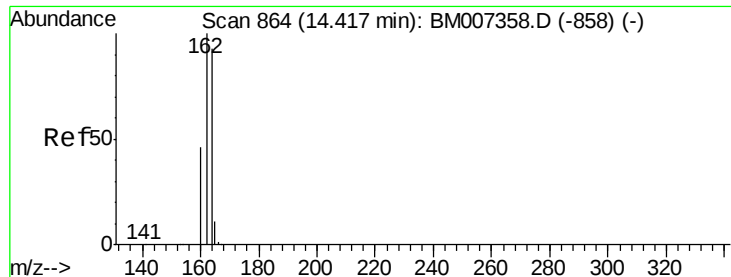
Tgt Ion: 225 Resp: 673
Ion Ratio Lower Upper
225 100
223 81.3 197.7 296.5#
227 81.0 196.2 294.4#



#12
2-Methylnaphthalene
Concen: 0.86 ng
RT: 12.25 min Scan# 702
Delta R.T. 0.00 min
Lab File: BM007357.D
Acq: 01 Sep 2016 13:37

Tgt Ion: 142 Resp: 1516
Ion Ratio Lower Upper
142 100
141 83.8 70.2 105.4
115 37.5 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: BM007357.D

Acq: 01 Sep 2016 13:37

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

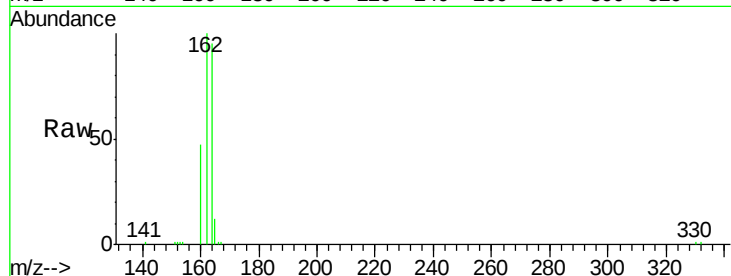
Tgt Ion:164 Resp: 8671

Ion Ratio Lower Upper

164 100

162 105.4 86.2 129.4

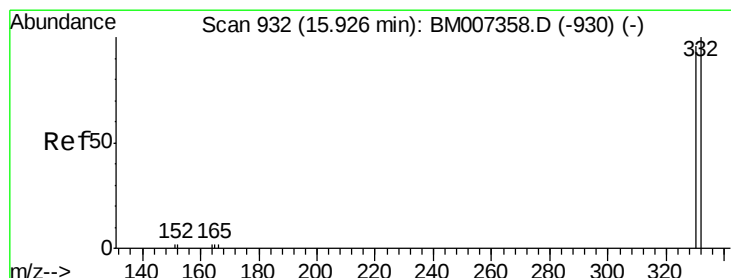
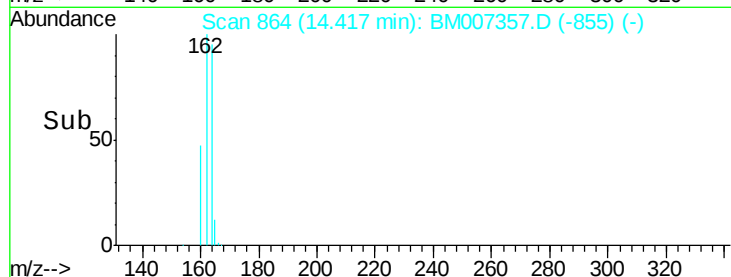
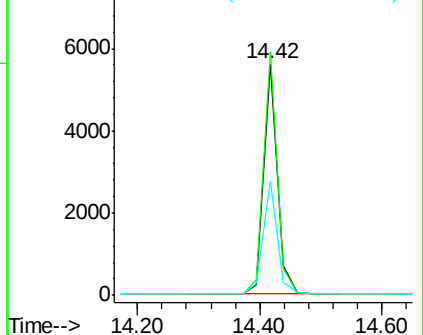
160 49.5 40.5 60.7



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: 1.76 ng

RT: 15.93 min Scan# 932

Delta R.T. 0.00 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

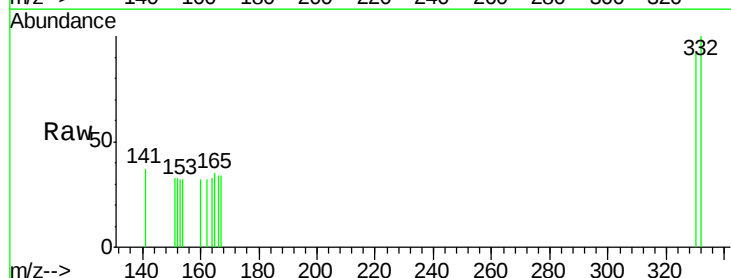
Tgt Ion:330 Resp: 598

Ion Ratio Lower Upper

330 100

332 98.8 79.2 118.8

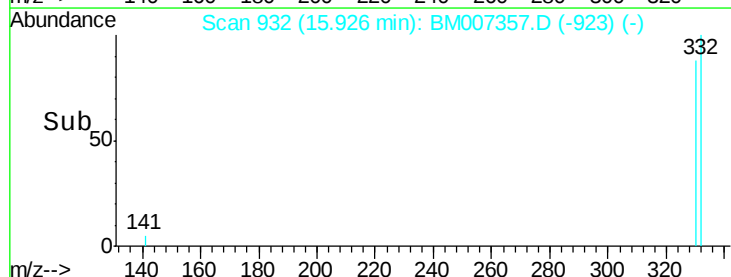
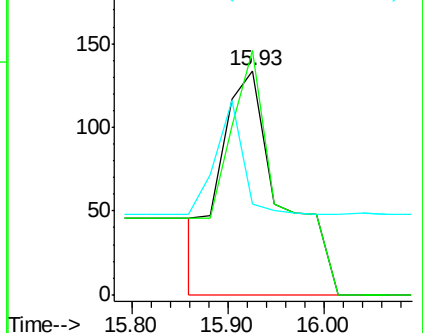
141 0.0 0.0 0.0

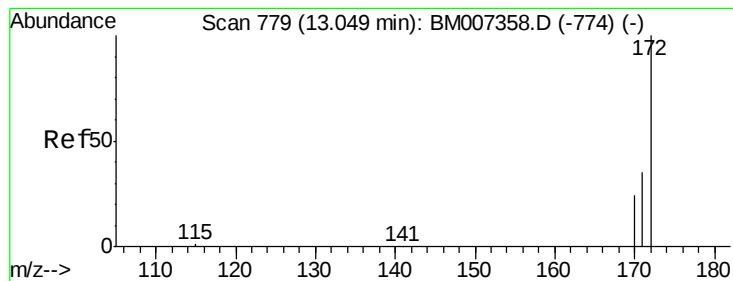


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

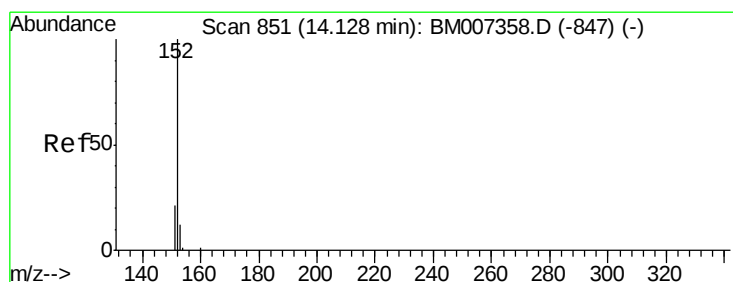
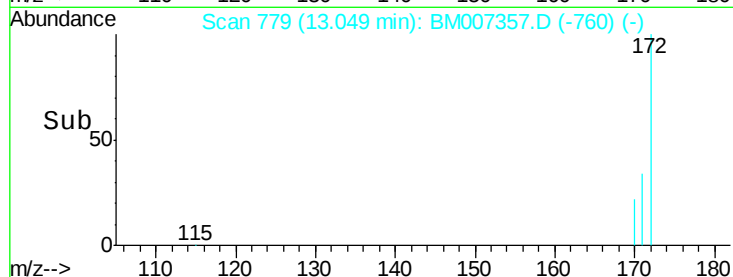
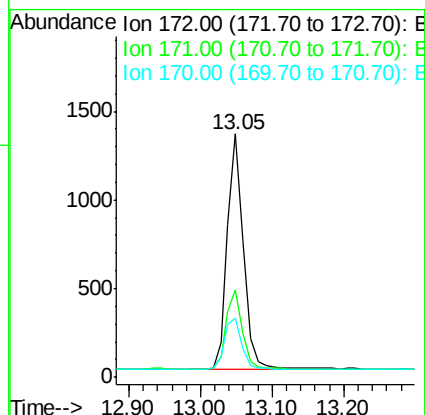
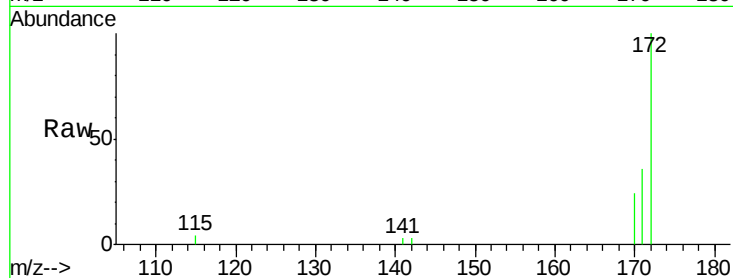




#15
2-Fluorobiphenyl
Concen: 0.79 ng
RT: 13.05 min Scan# 779
Delta R.T. 0.00 min
Lab File: BM007357.D
Acq: 01 Sep 2016 13:37

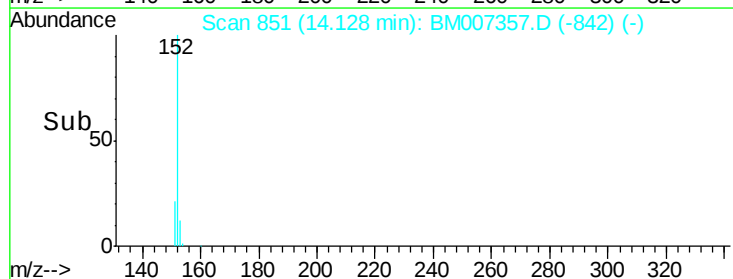
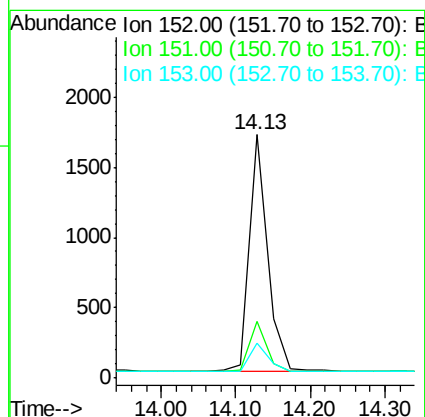
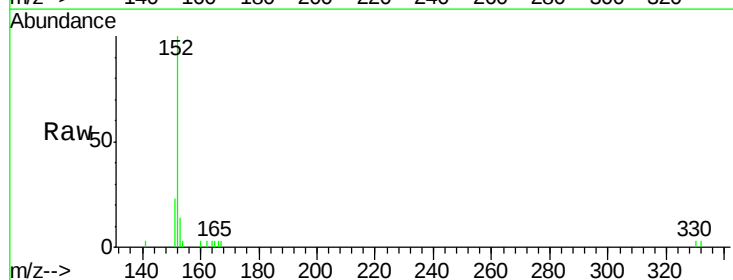
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

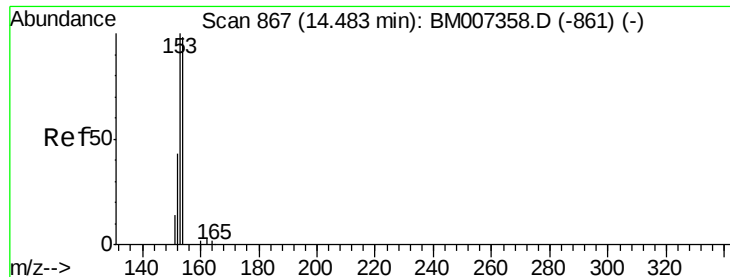
Tgt Ion:172 Resp: 2075
Ion Ratio Lower Upper
172 100
171 36.1 32.2 48.2
170 24.3 23.5 35.3



#16
Acenaphthylene
Concen: 0.74 ng
RT: 14.13 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM007357.D
Acq: 01 Sep 2016 13:37

Tgt Ion:152 Resp: 2879
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 12.6 10.1 15.1





#17

Acenaphthene

Concen: 0.76 ng

RT: 14.48 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

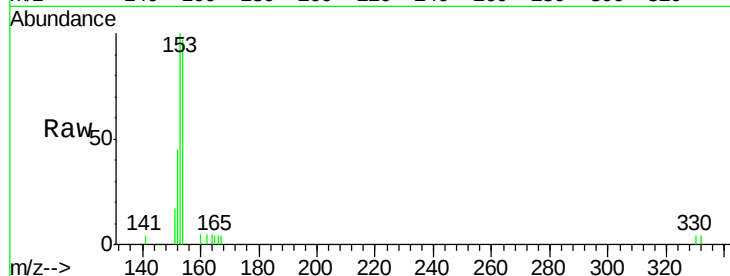
Tgt Ion:154 Resp: 1940

Ion Ratio Lower Upper

154 100

153 108.3 85.1 127.7

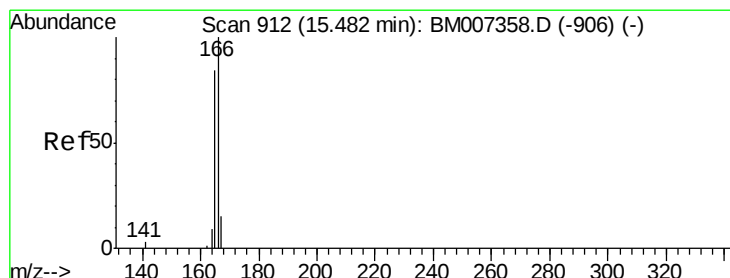
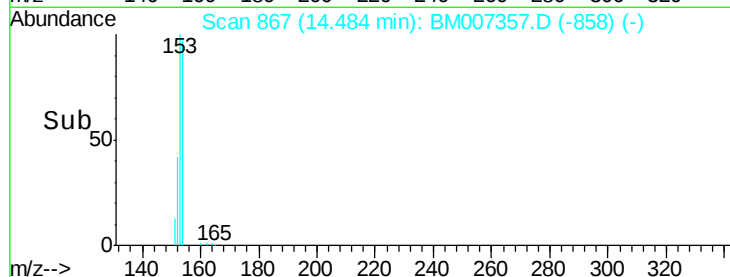
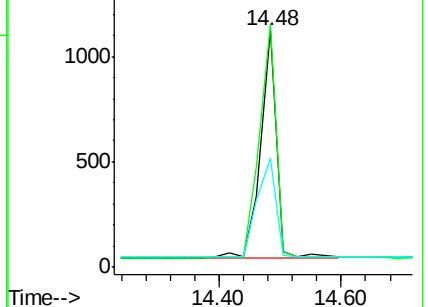
152 51.4 40.9 61.3



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: 0.77 ng

RT: 15.48 min Scan# 912

Delta R.T. 0.00 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

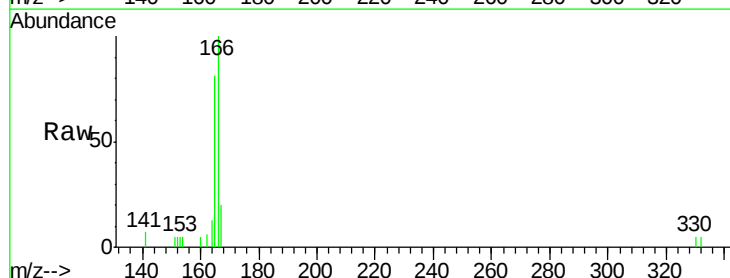
Tgt Ion:166 Resp: 2327

Ion Ratio Lower Upper

166 100

165 0.0 78.8 118.2#

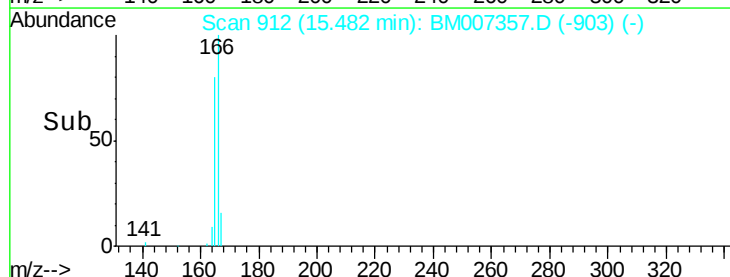
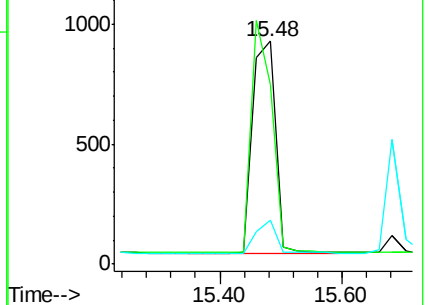
167 13.5 10.8 16.2

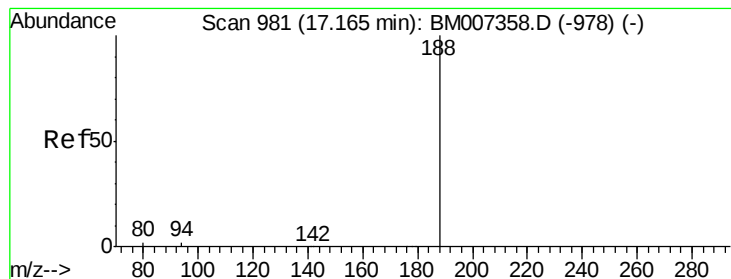


Abundance Ion 166.00 (165.70 to 166.70): E

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: BM007357.D

Acq: 01 Sep 2016 13:37

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

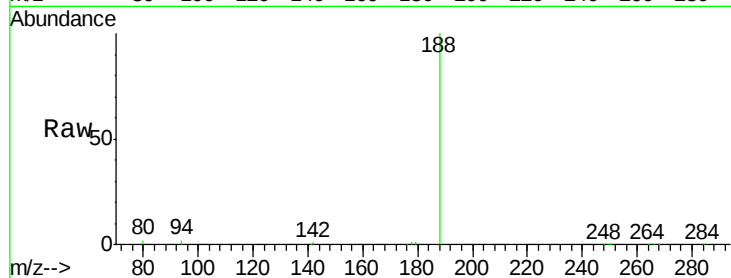
Tgt Ion:188 Resp: 20918

Ion Ratio Lower Upper

188 100

94 2.3 2.0 3.0

80 1.9 1.6 2.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

17.17

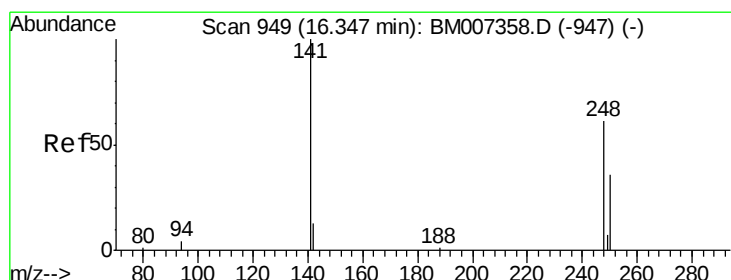
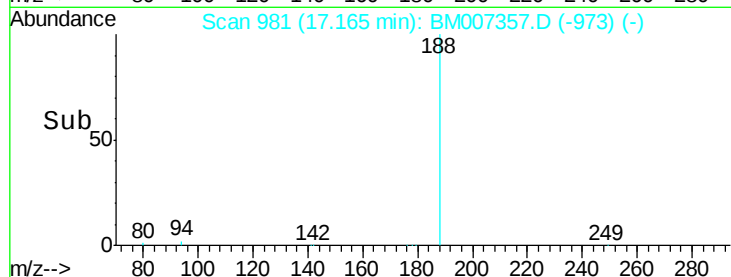
10000

5000

0

Time-->

17.00 17.10 17.20 17.30



#20

4-Bromophenyl-phenylether

Concen: 0.63 ng

RT: 16.35 min Scan# 949

Delta R.T. 0.00 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

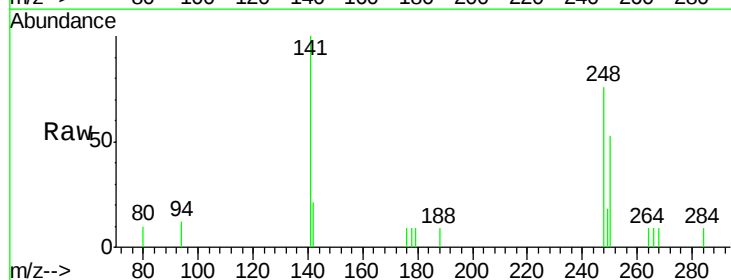
Tgt Ion:248 Resp: 713

Ion Ratio Lower Upper

248 100

250 86.7 0.0 0.0#

141 112.1 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

16.35

600

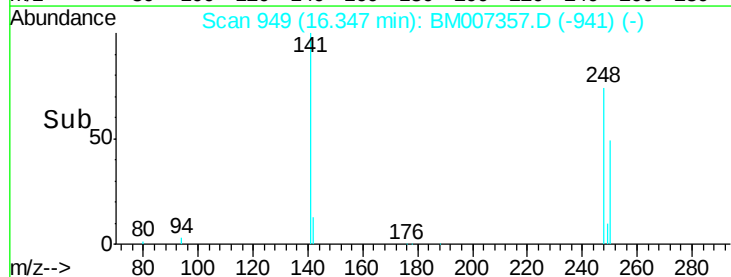
400

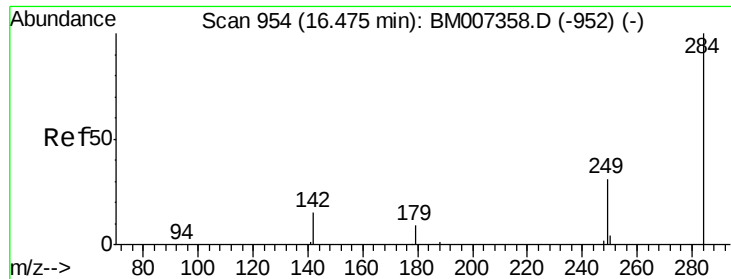
200

0

Time-->

16.20 16.30 16.40

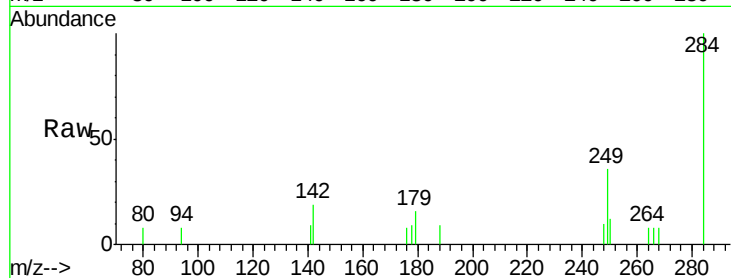




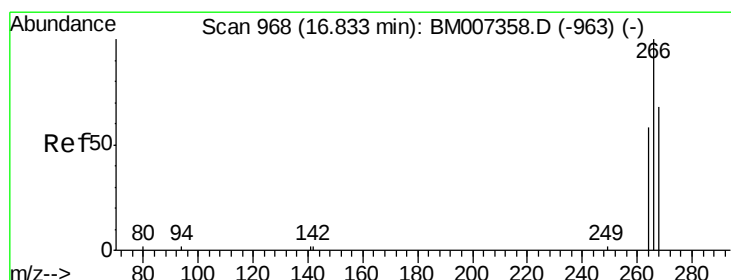
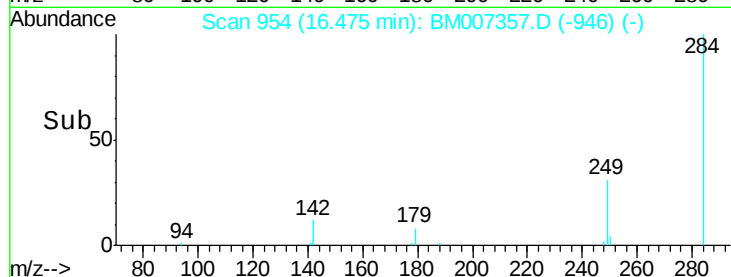
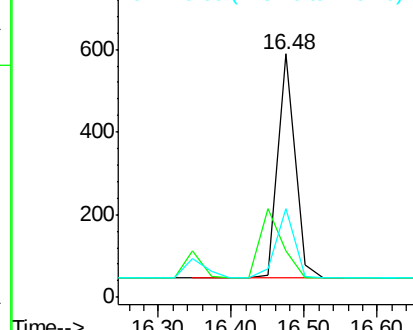
#21
Hexachlorobenzene
Concen: 0.79 ng
RT: 16.48 min Scan# 954
Delta R.T. 0.00 min
Lab File: BM007357.D
Acq: 01 Sep 2016 13:37

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

Tgt Ion: 284 Resp: 886
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 33.2 26.6 40.0

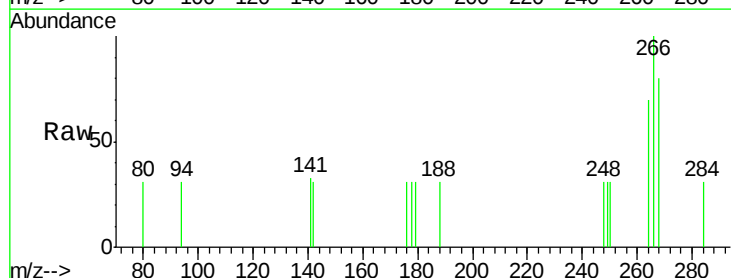


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

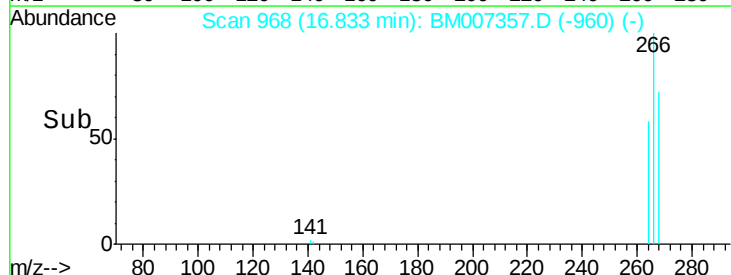
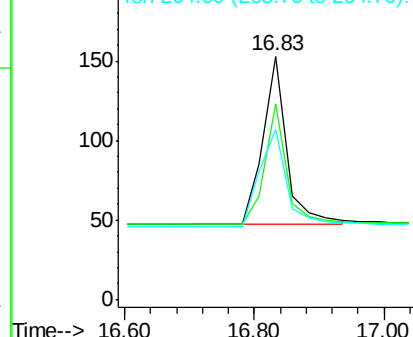


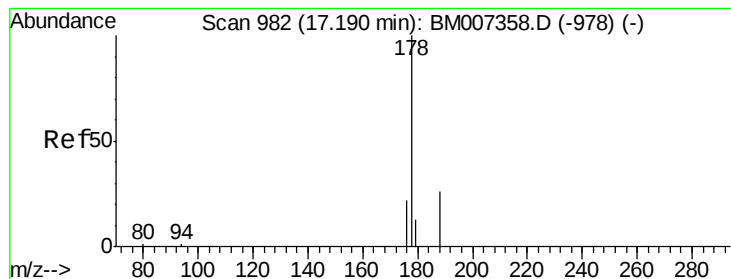
#22
Pentachlorophenol
Concen: 0.85 ng
RT: 16.83 min Scan# 968
Delta R.T. 0.00 min
Lab File: BM007357.D
Acq: 01 Sep 2016 13:37

Tgt Ion: 266 Resp: 271
Ion Ratio Lower Upper
266 100
268 80.4 66.4 99.6
264 69.9 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





#23

Phenanthrene

Concen: 0.67 ng

RT: 17.19 min Scan# 982

Delta R.T. 0.00 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.8

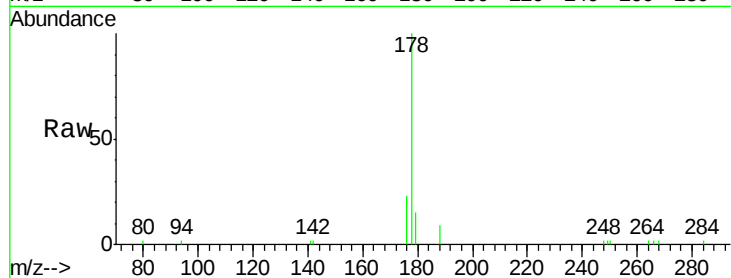
Tgt Ion:178 Resp: 4539

Ion Ratio Lower Upper

178 100

176 20.4 16.6 24.8

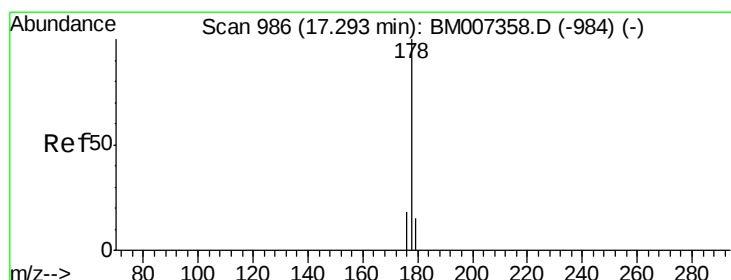
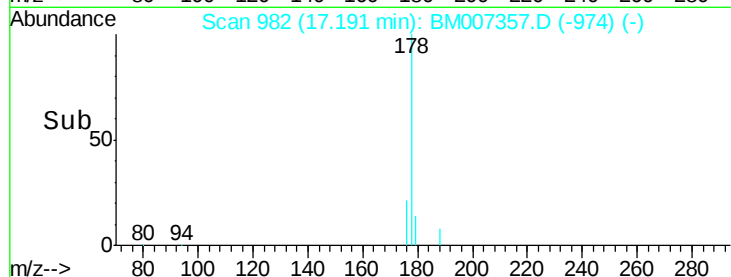
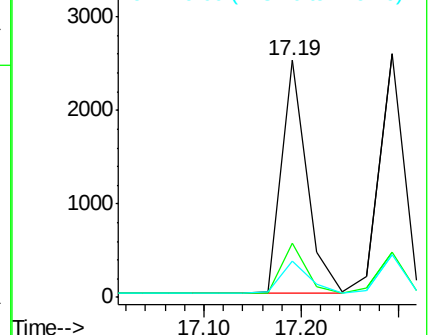
179 14.9 12.5 18.7



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



#24

Anthracene

Concen: 0.86 ng

RT: 17.29 min Scan# 986

Delta R.T. 0.00 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

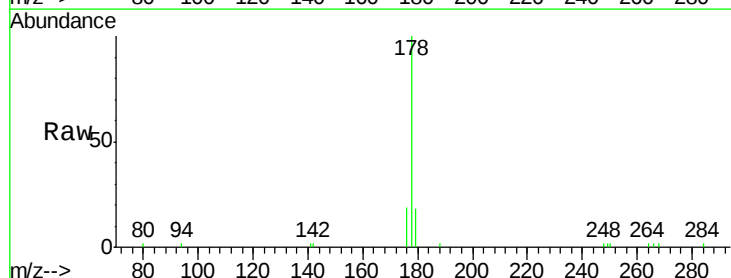
Tgt Ion:178 Resp: 4412

Ion Ratio Lower Upper

178 100

176 17.6 14.8 22.2

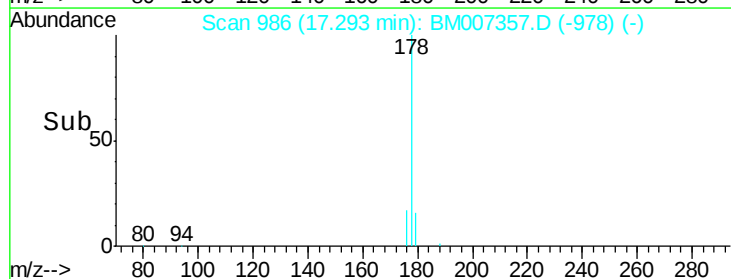
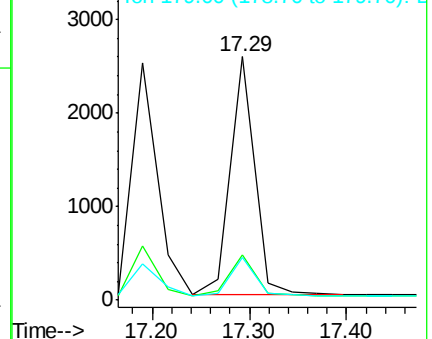
179 15.7 12.2 18.2

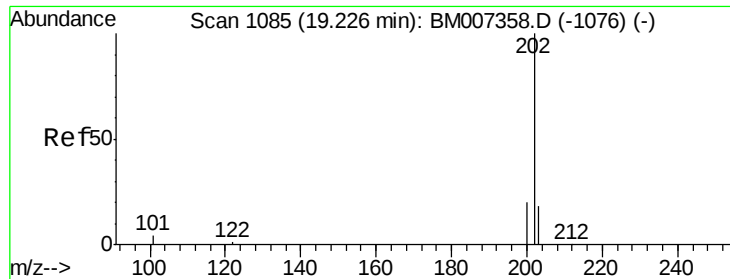


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.77 ng

RT: 19.23 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.8

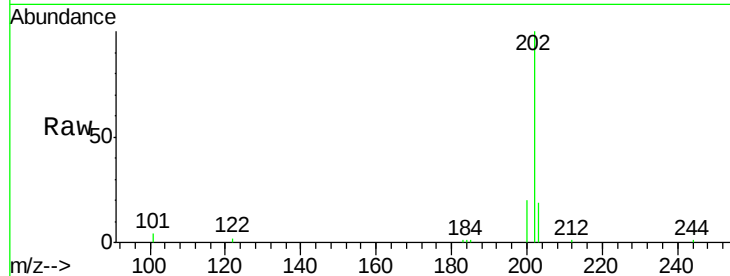
Tgt Ion:202 Resp: 5062

Ion Ratio Lower Upper

202 100

101 8.3 6.5 9.7

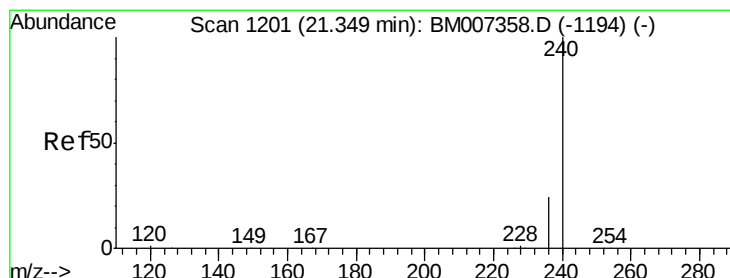
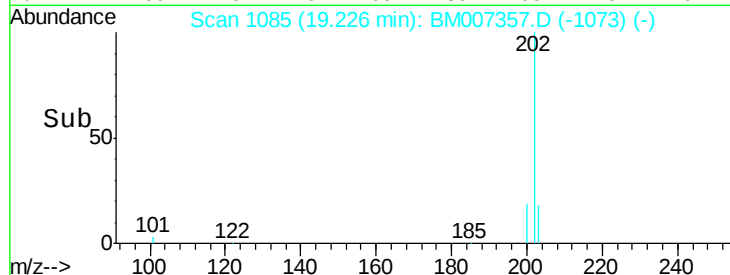
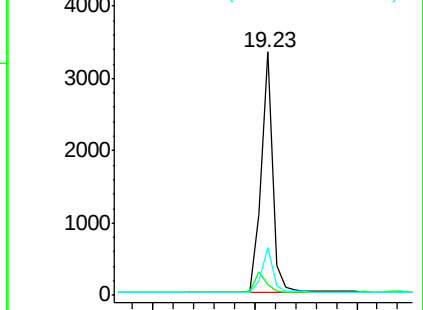
203 17.4 14.2 21.2



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: BM007357.D

Acq: 01 Sep 2016 13:37

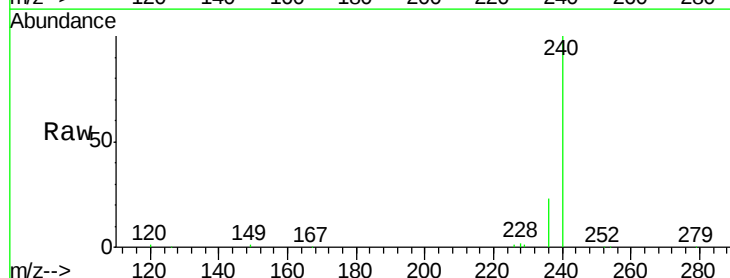
Tgt Ion:240 Resp: 23005

Ion Ratio Lower Upper

240 100

120 1.3 1.3 1.9

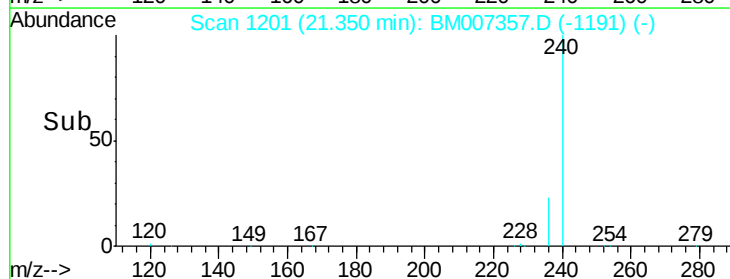
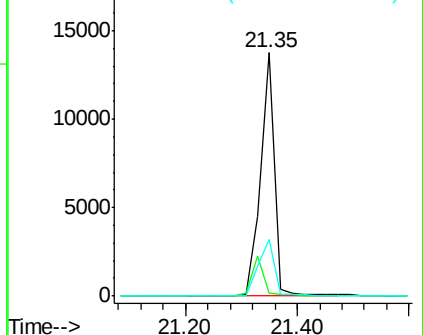
236 23.4 19.1 28.7

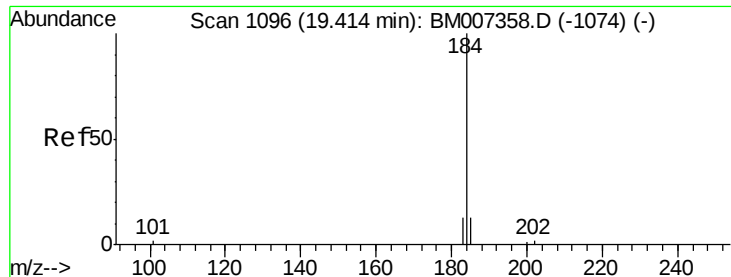


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.92 ng

RT: 19.41 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

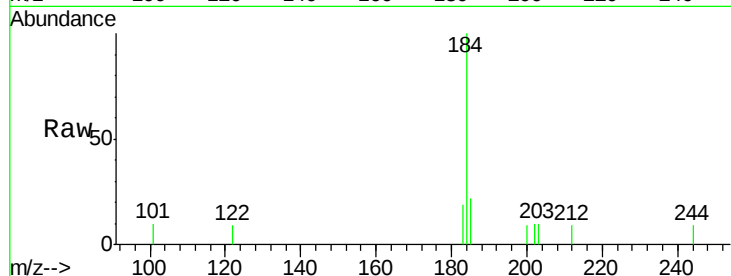
Tgt Ion:184 Resp: 1136

Ion Ratio Lower Upper

184 100

185 22.1 29.8 44.8#

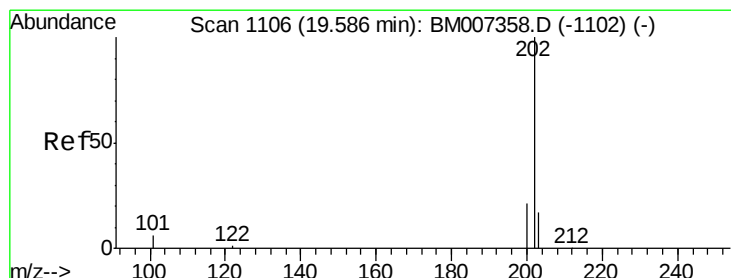
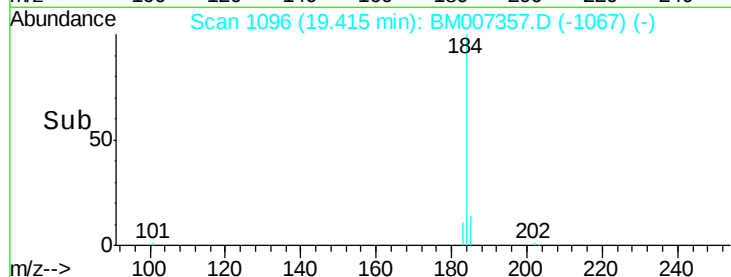
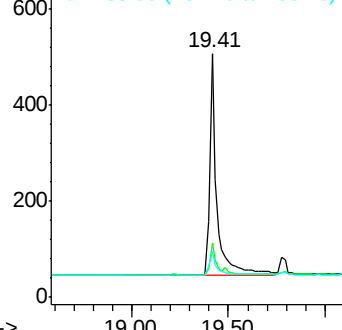
183 19.0 29.8 44.8#



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: 0.71 ng

RT: 19.59 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

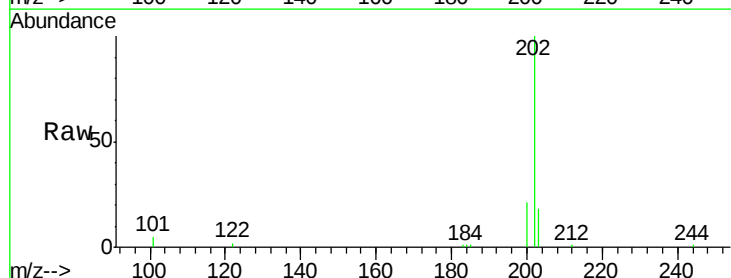
Tgt Ion:202 Resp: 5545

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

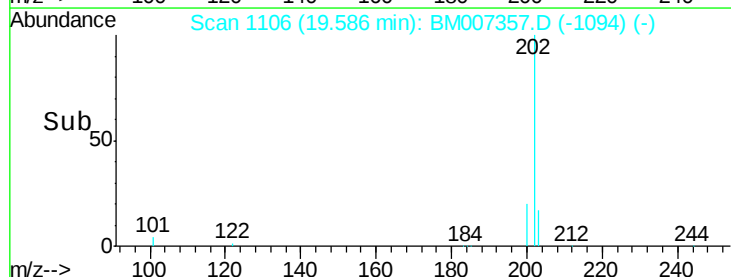
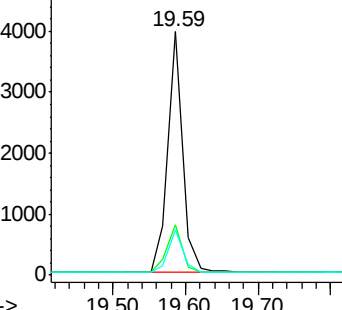
203 17.6 13.8 20.8

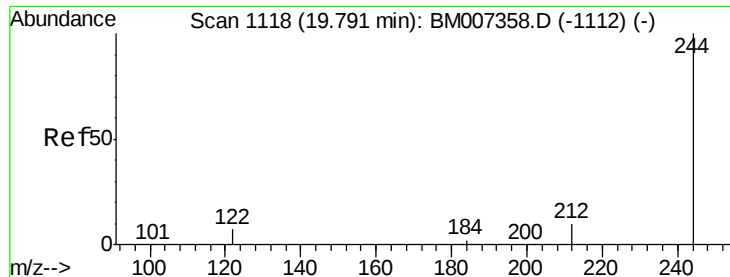


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.66 ng

RT: 19.79 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

Instrument :

BNA_M

ClientSampled :

SSTDIC0.8

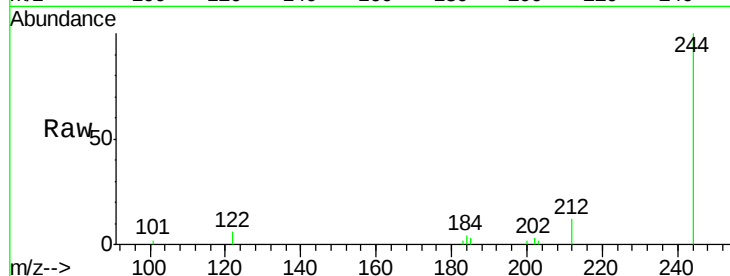
Tgt Ion:244 Resp: 2619

Ion Ratio Lower Upper

244 100

212 12.0 12.2 18.4#

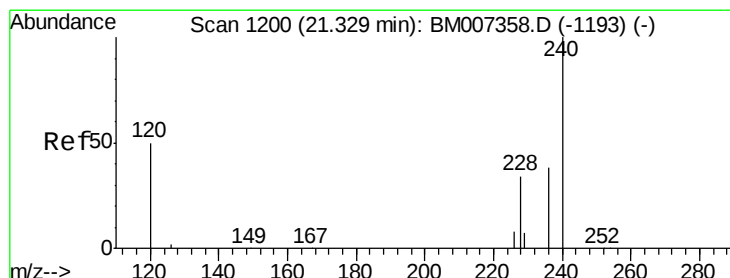
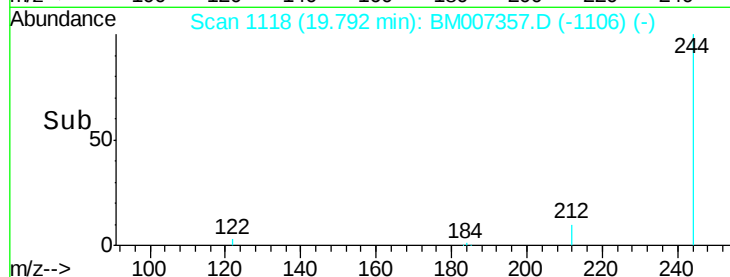
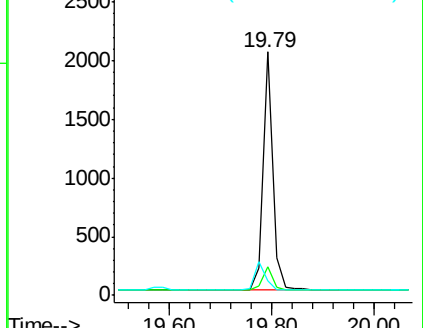
122 6.1 9.6 14.4#



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: 0.74 ng

RT: 21.33 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

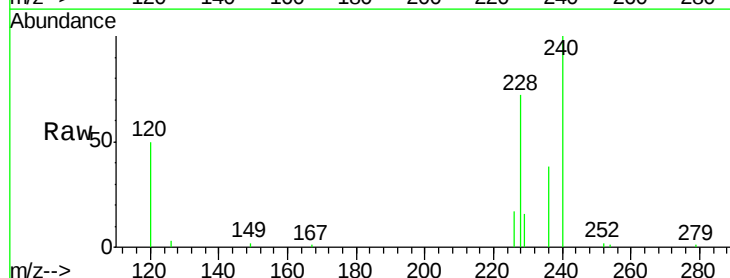
Tgt Ion:228 Resp: 5217

Ion Ratio Lower Upper

228 100

226 23.8 20.4 30.6

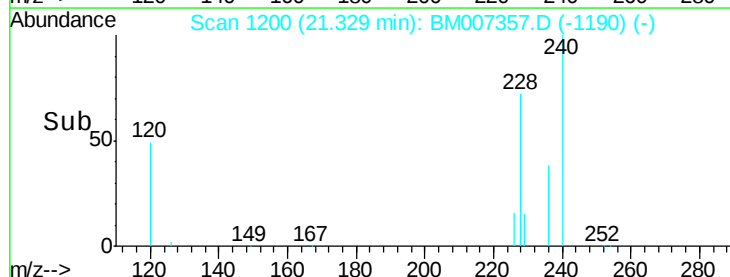
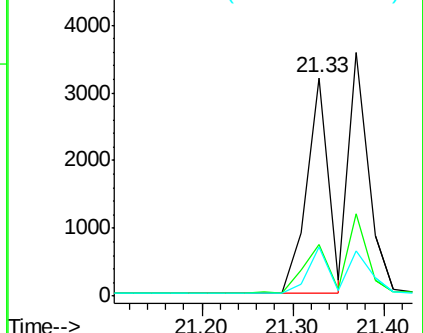
229 22.5 19.0 28.4

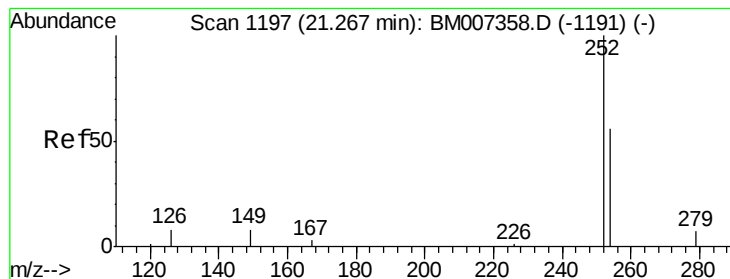


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.80 ng

RT: 21.27 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

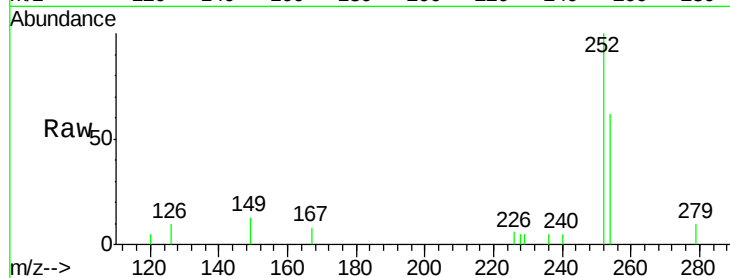
Tgt Ion:252 Resp: 1560

Ion Ratio Lower Upper

252 100

254 62.0 49.4 74.0

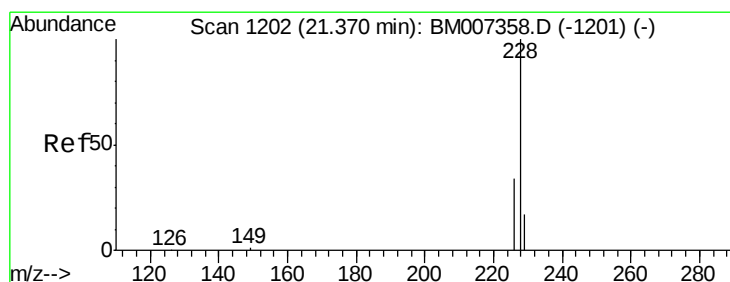
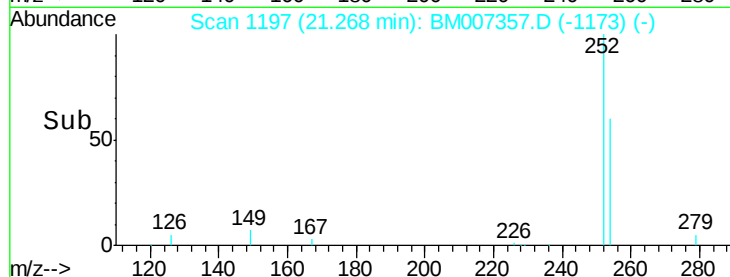
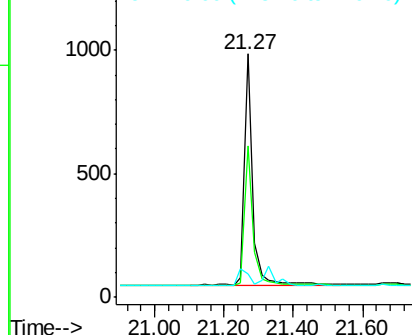
126 9.6 16.3 24.5#



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: 0.74 ng

RT: 21.33 min Scan# 1200

Delta R.T. -0.04 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

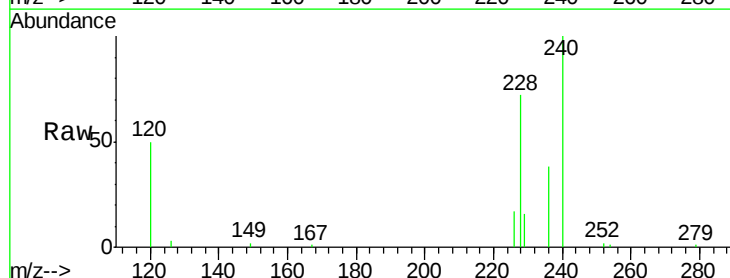
Tgt Ion:228 Resp: 5217

Ion Ratio Lower Upper

228 100

226 23.8 28.3 42.5#

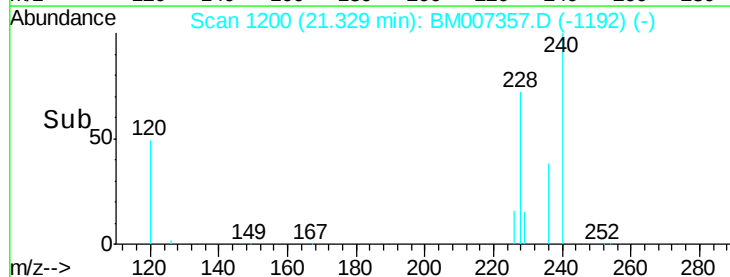
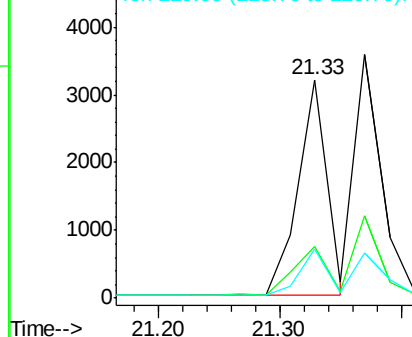
229 22.5 15.7 23.5

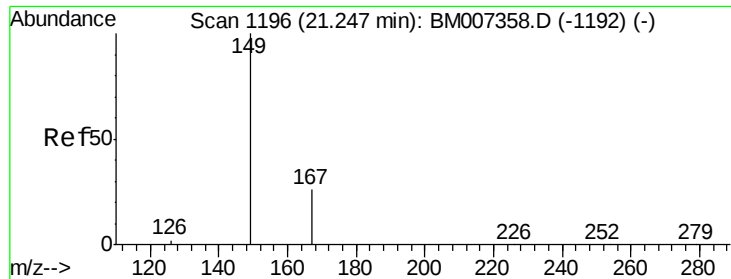


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.69 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.8

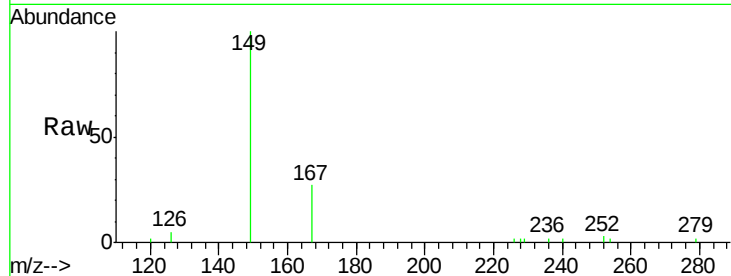
Tgt Ion:149 Resp: 3027

Ion Ratio Lower Upper

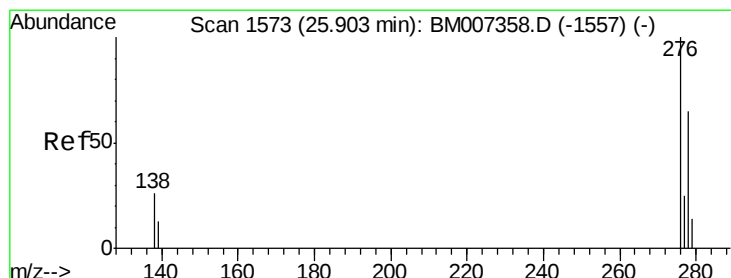
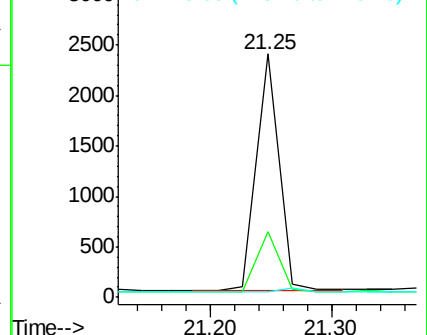
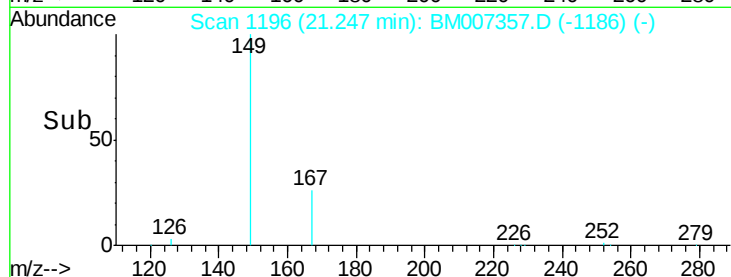
149 100

167 25.7 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: 0.91 ng

RT: 25.89 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

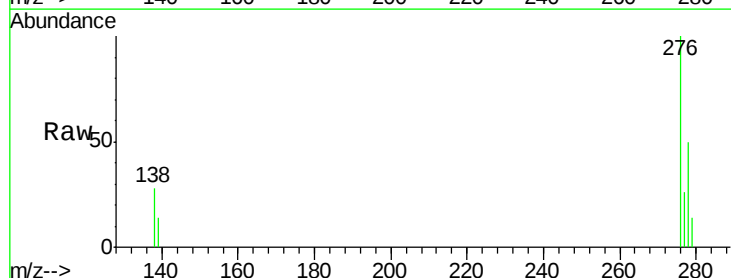
Tgt Ion:276 Resp: 4615

Ion Ratio Lower Upper

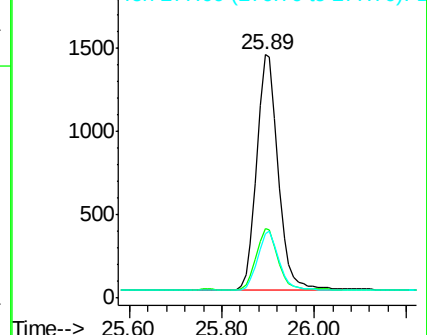
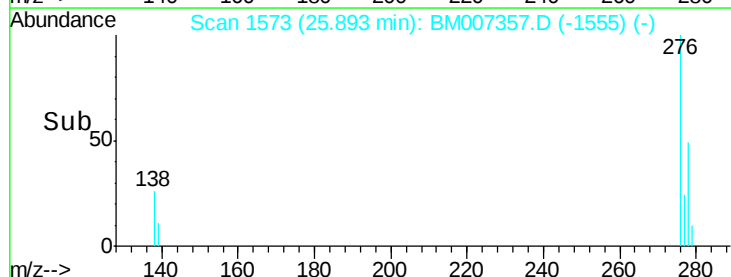
276 100

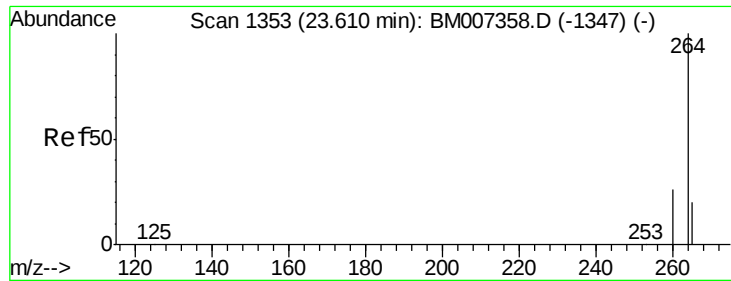
138 26.4 21.0 31.4

277 24.6 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

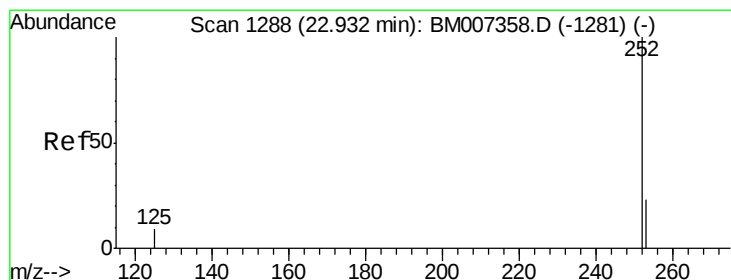
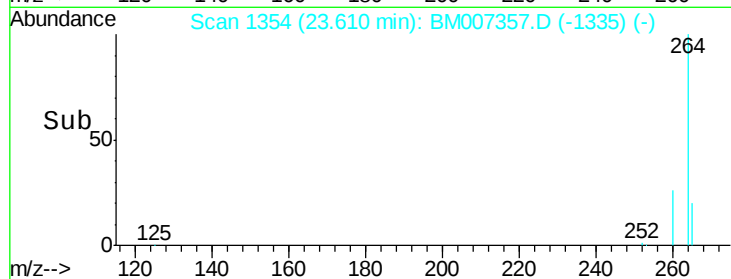
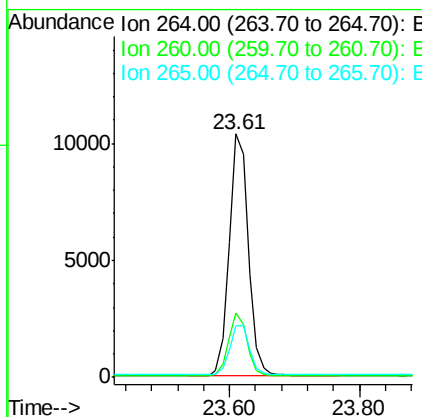
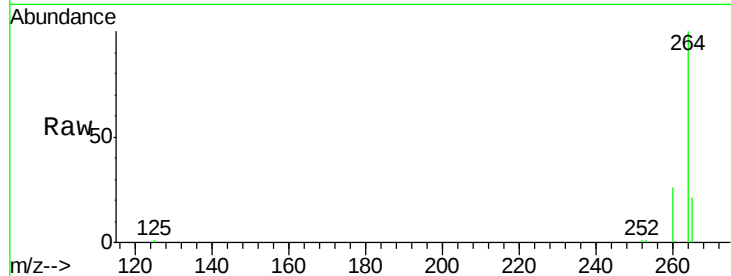




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.61 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BM007357.D
 Acq: 01 Sep 2016 13:37

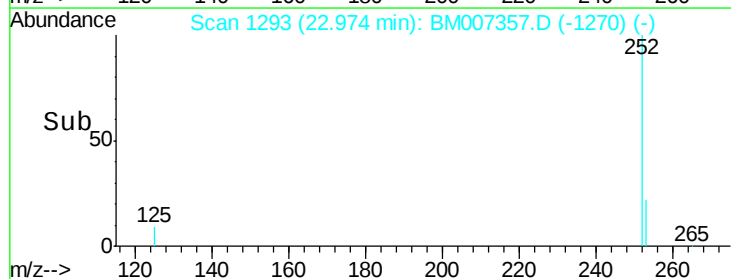
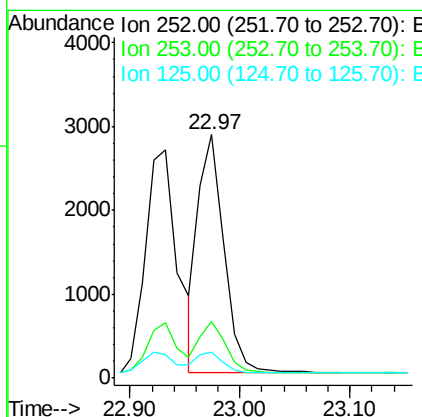
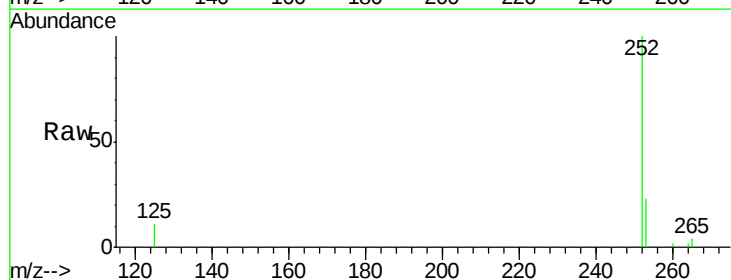
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

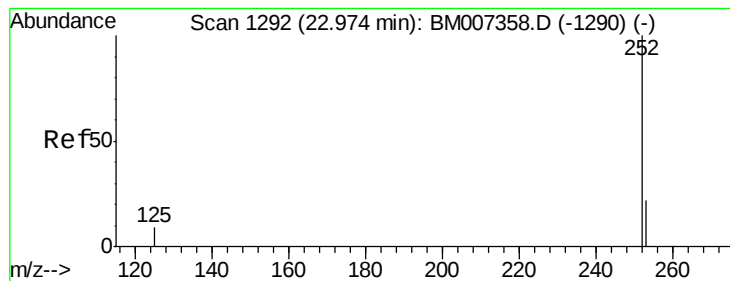
Tgt Ion: 264 Resp: 21179
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.2 31.8
 265 21.2 17.1 25.7



#36
 Benzo(b)fluoranthene
 Concen: 0.68 ng
 RT: 22.97 min Scan# 1293
 Delta R.T. 0.04 min
 Lab File: BM007357.D
 Acq: 01 Sep 2016 13:37

Tgt Ion: 252 Resp: 4631
 Ion Ratio Lower Upper
 252 100
 253 23.4 21.4 32.2
 125 10.8 10.5 15.7





#37

Benzo(k)fluoranthene

Concen: 0.74 ng

RT: 22.97 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

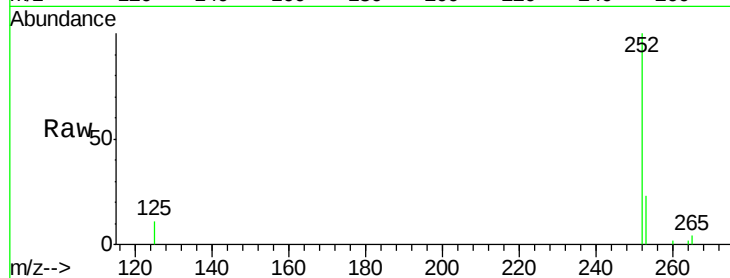
Tgt Ion:252 Resp: 4666

Ion Ratio Lower Upper

252 100

253 23.4 20.6 30.8

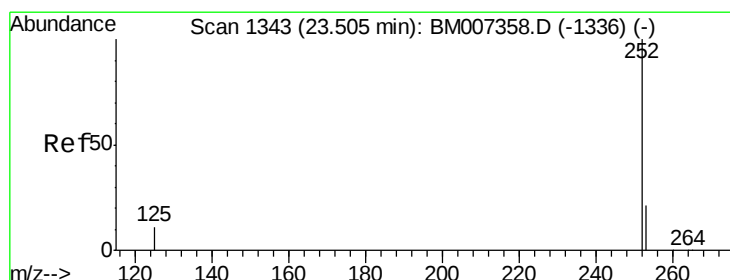
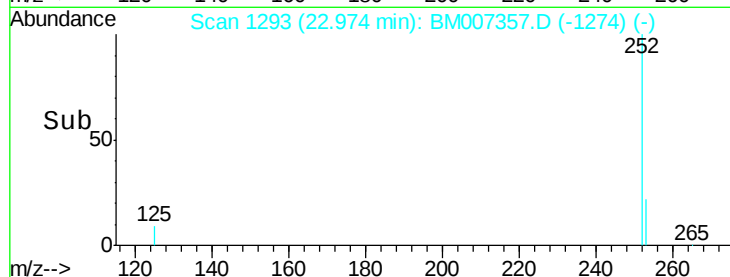
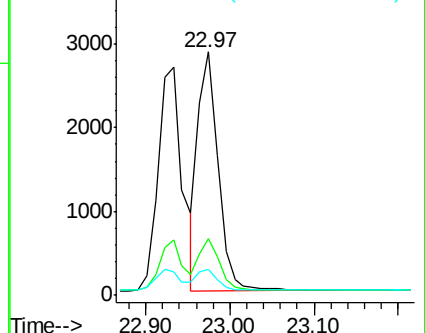
125 10.8 10.7 16.1



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: 0.78 ng

RT: 23.51 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

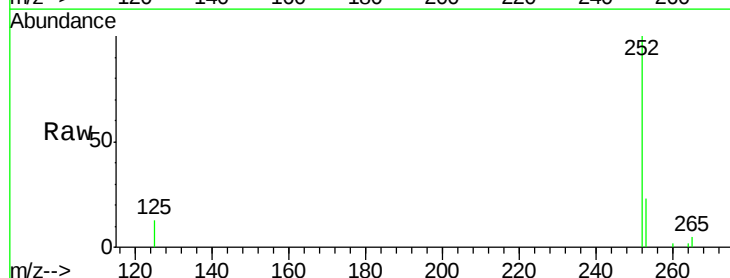
Tgt Ion:252 Resp: 4582

Ion Ratio Lower Upper

252 100

253 22.8 20.6 31.0

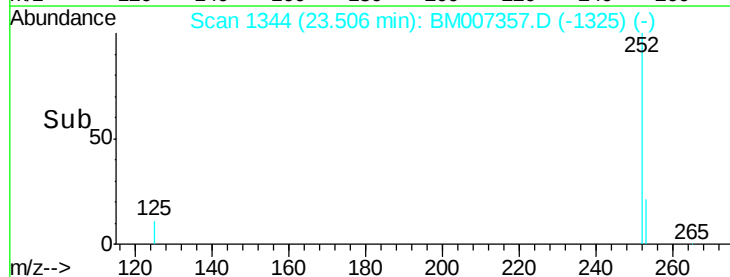
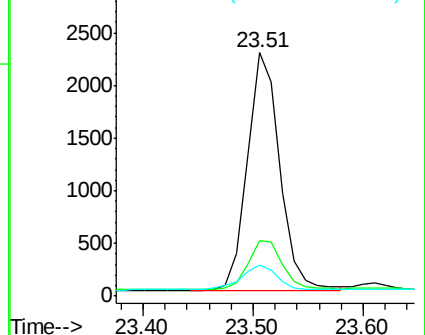
125 12.8 13.0 19.4#

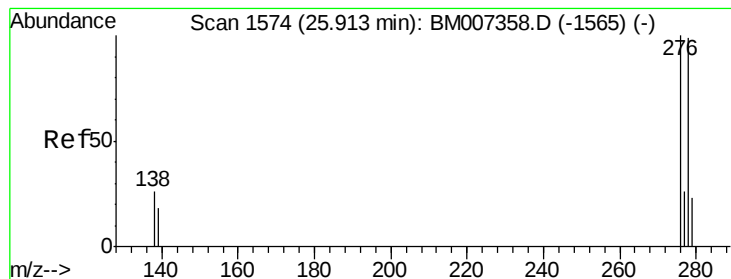


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.80 ng

RT: 25.91 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.8

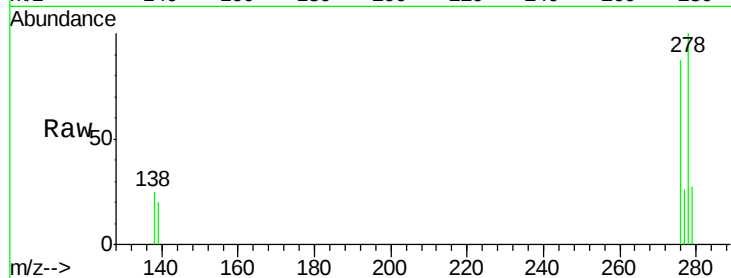
Tgt Ion: 278 Resp: 3677

Ion Ratio Lower Upper

278 100

139 20.3 20.4 30.6#

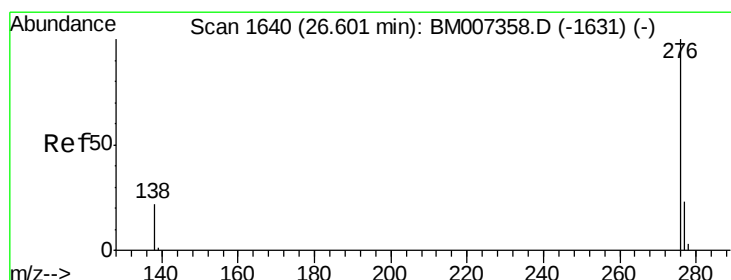
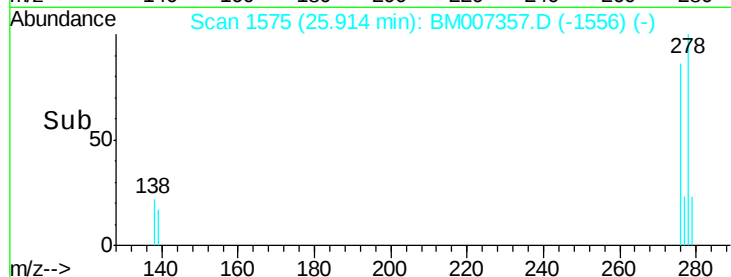
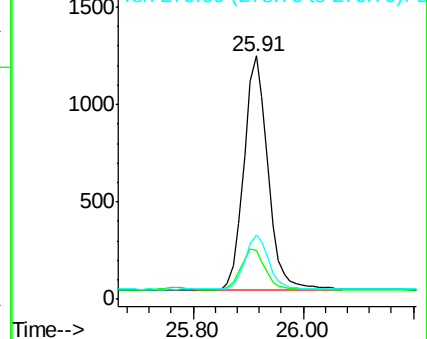
279 26.6 24.2 36.4



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: 0.80 ng

RT: 26.59 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BM007357.D

Acq: 01 Sep 2016 13:37

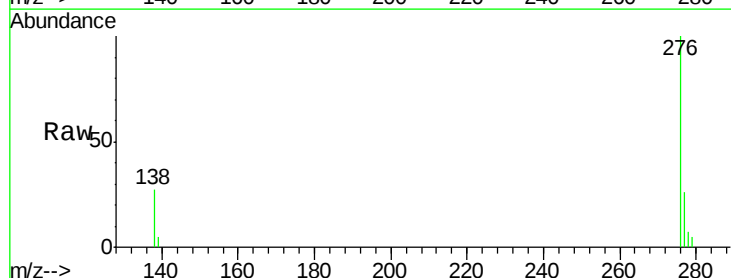
Tgt Ion: 276 Resp: 3844

Ion Ratio Lower Upper

276 100

277 26.2 24.2 36.2

138 26.5 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

