

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090116\
 Data File : BM007363.D
 Acq On : 01 Sep 2016 17:41
 Operator : UM/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICV0.4

Quant Time: Sep 02 05:04:34 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	2168	5.00	ng	0.00
7) Naphthalene-d8	10.58	136	10233	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	7547	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	19738	5.00	ng	0.00
26) Chrysene-d12	21.35	240	21955	5.00	ng	0.00
35) Perylene-d12	23.62	264	18008	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	176	0.35	ng	0.00
5) Phenol-d6	6.97	99	217	0.35	ng	0.00
8) Nitrobenzene-d5	8.96	82	194	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.93	330	406	1.37	ng	0.00
15) 2-Fluorobiphenyl	13.05	172	912	0.40	ng	0.00
29) Terphenyl-d14	19.79	244	1094	0.29	ng	0.00

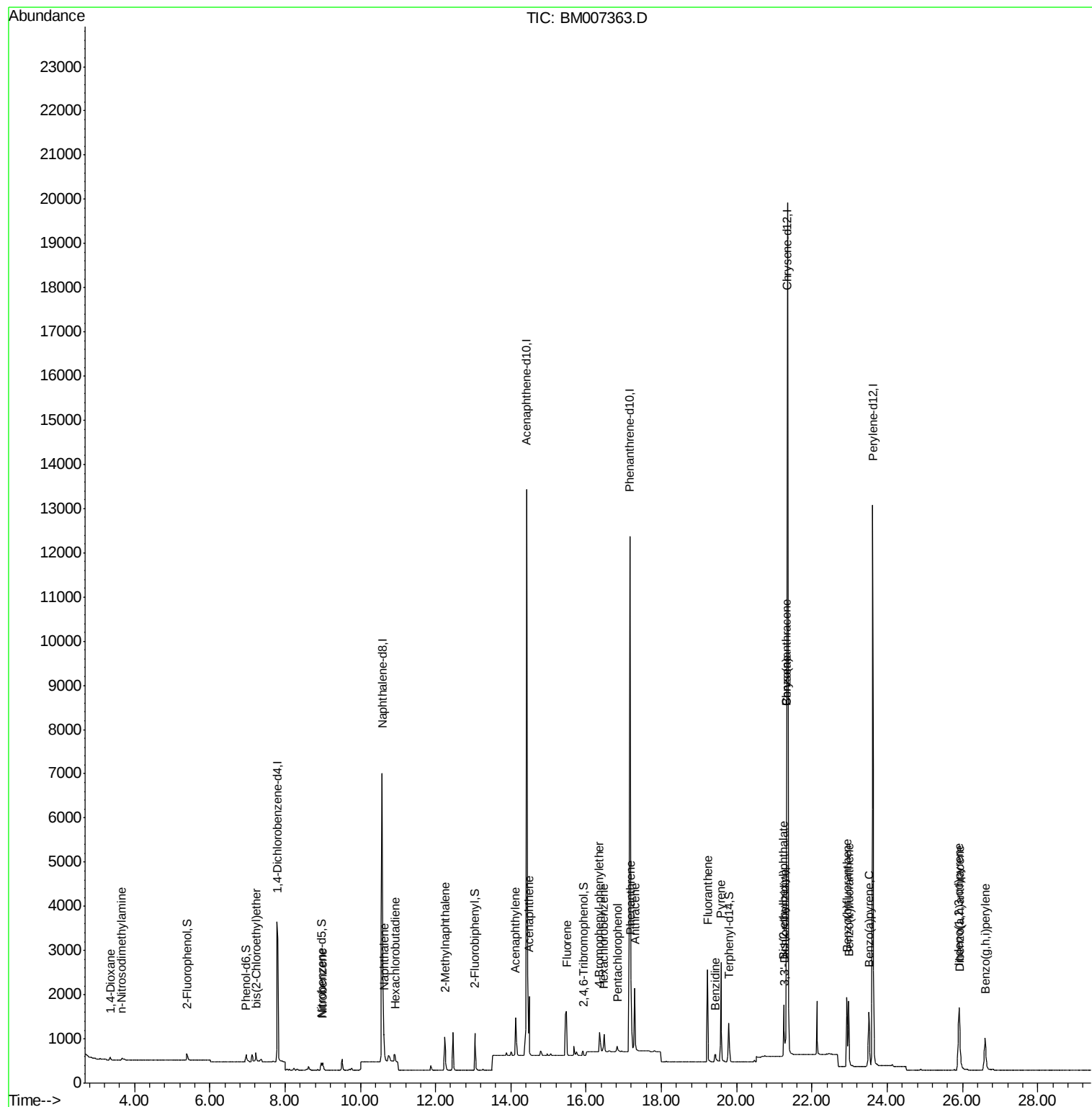
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	70	0.31	ng	89
3) n-Nitrosodimethylamine	3.66	42	86	0.39	ng	# 80
6) bis(2-Chloroethyl)ether	7.23	93	178	0.33	ng	99
9) Nitrobenzene	9.00	77	206	0.34	ng	99
10) Naphthalene	10.63	128	927	0.40	ng	99
11) Hexachlorobutadiene	10.92	225	527	1.45	ng	# 4
12) 2-Methylnaphthalene	12.25	142	655	0.42	ng	99
16) Acenaphthylene	14.13	152	1217	0.36	ng	99
17) Acenaphthene	14.48	154	867	0.39	ng	98
18) Fluorene	15.48	166	1056	0.40	ng	100
20) 4-Bromophenyl-phenylether	16.35	248	294	0.28	ng	# 97
21) Hexachlorobenzene	16.47	284	386	0.37	ng	# 97
22) Pentachlorophenol	16.83	266	121	0.40	ng	99
23) Phenanthrene	17.19	178	1980	0.31	ng	99
24) Anthracene	17.29	178	1877	0.39	ng	99
25) Fluoranthene	19.23	202	2226	0.36	ng	100
27) Benzidine	19.43	184	525	0.44	ng	96
28) Pyrene	19.59	202	2355	0.31	ng	100
30) Benzo(a)anthracene	21.33	228	4758	0.71	ng	98
31) 3,3'-Dichlorobenzidine	21.27	252	634	0.34	ng	# 96
32) Chrysene	21.33	228	4774	0.70	ng	# 88
33) Bis(2-ethylhexyl)phthalate	21.25	149	1228	0.29	ng	# 99
34) Indeno(1,2,3-cd)pyrene	25.90	276	1965	0.40	ng	100
36) Benzo(b)fluoranthene	22.93	252	2184	0.38	ng	98
37) Benzo(k)fluoranthene	22.97	252	2110	0.40	ng	99
38) Benzo(a)pyrene	23.52	252	1951	0.39	ng	98
39) Dibenzo(a,h)anthracene	25.92	278	1591	0.41	ng	99
40) Benzo(g,h,i)perylene	26.60	276	1661	0.41	ng	99

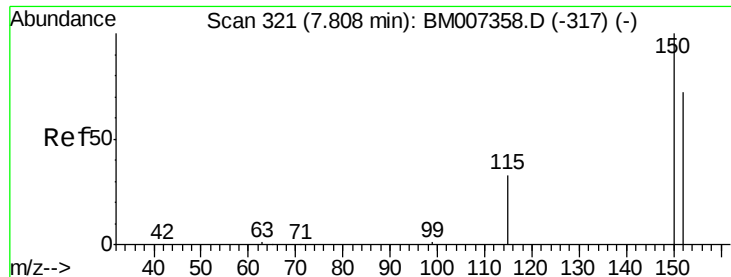
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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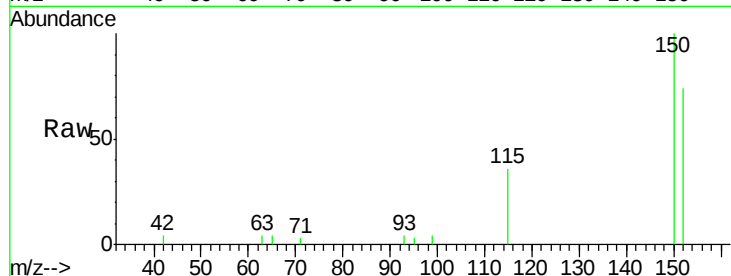


#1

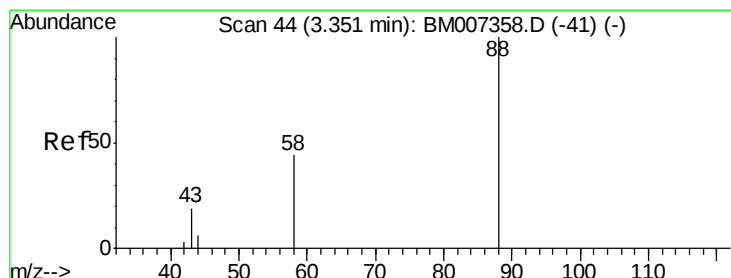
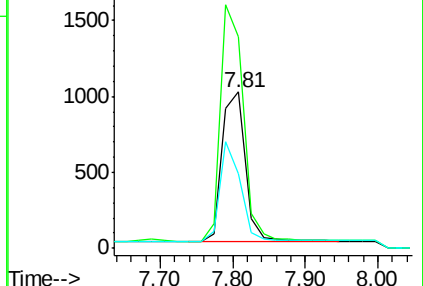
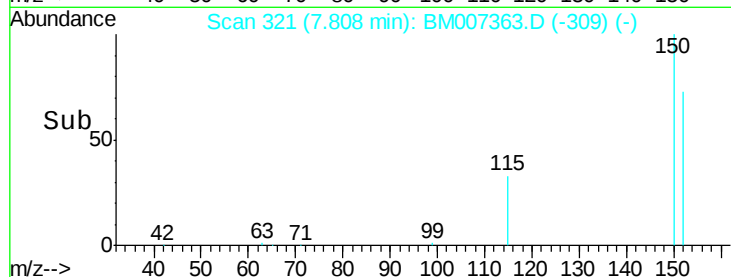
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.81 min Scan# 321
Delta R.T. 0.00 min
Lab File: BM007363.D
Acq: 01 Sep 2016 17:41

Instrument :
BNA_M
ClientSampleId :
SSTDICV0.4

Tgt Ion: 152 Resp: 2168
Ion Ratio Lower Upper
152 100
150 135.0 109.8 164.8
115 48.1 39.0 58.4



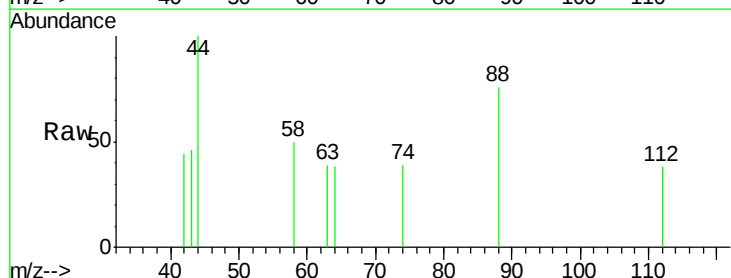
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



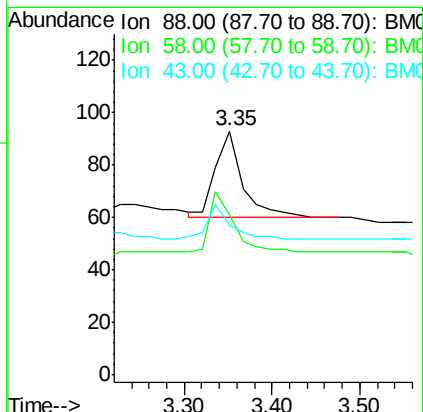
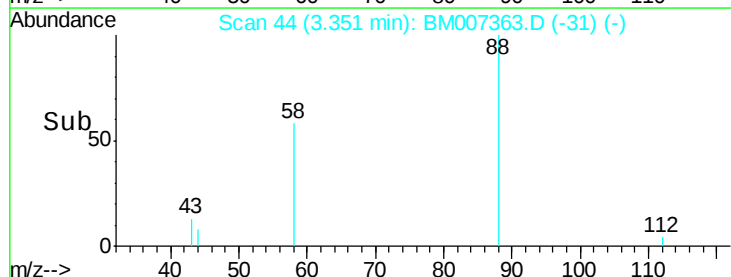
#2

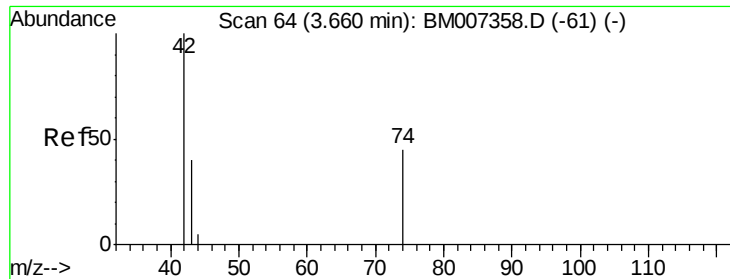
1,4-Dioxane
Concen: 0.31 ng
RT: 3.35 min Scan# 44
Delta R.T. 0.00 min
Lab File: BM007363.D
Acq: 01 Sep 2016 17:41

Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
58 61.4 41.0 61.4
43 32.9 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: 0.39 ng

RT: 3.66 min Scan# 64

Delta R.T. 0.00 min

Lab File: BM007363.D

Acq: 01 Sep 2016 17:41

Instrument :

BNA_M

ClientSampleId :

SSTDICV0.4

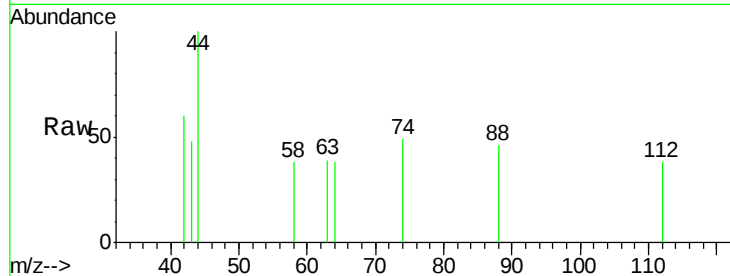
Tgt Ion: 42 Resp: 86

Ion Ratio Lower Upper

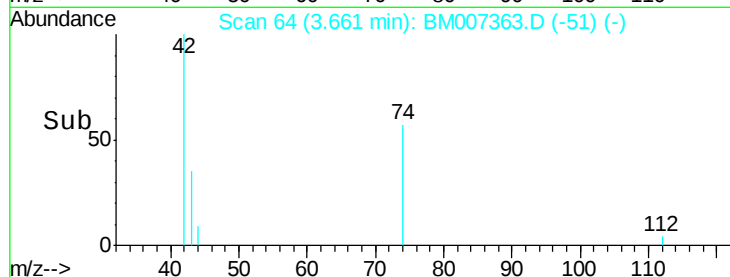
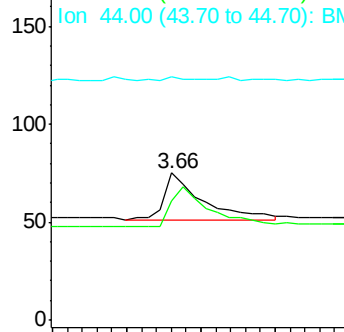
42 100

74 82.6 78.9 118.3

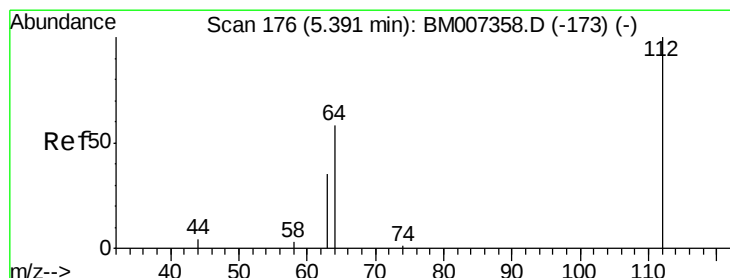
44 5.8 19.1 28.7#



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



Time--> 3.50 3.60 3.70 3.80



#4

2-Fluorophenol

Concen: 0.35 ng

RT: 5.39 min Scan# 176

Delta R.T. 0.00 min

Lab File: BM007363.D

Acq: 01 Sep 2016 17:41

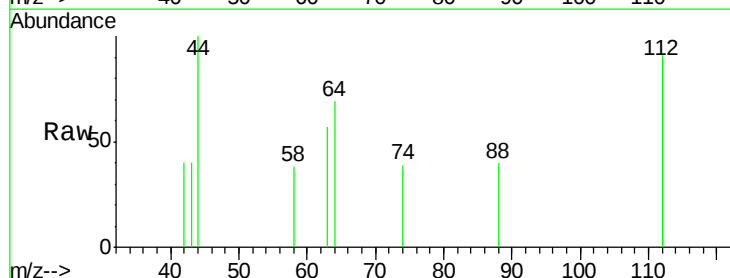
Tgt Ion: 112 Resp: 176

Ion Ratio Lower Upper

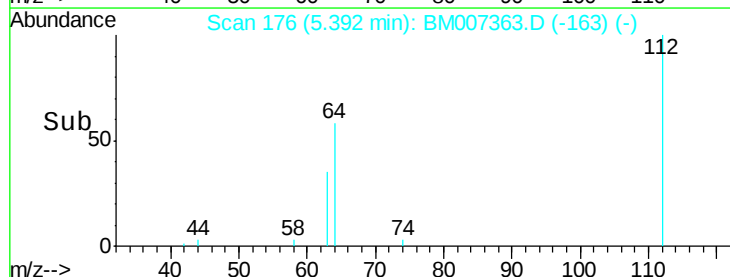
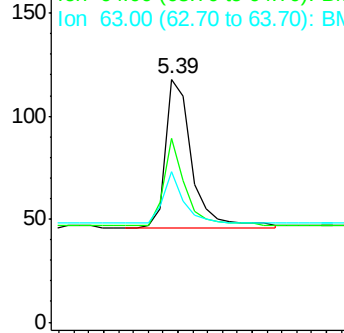
112 100

64 47.2 36.9 55.3

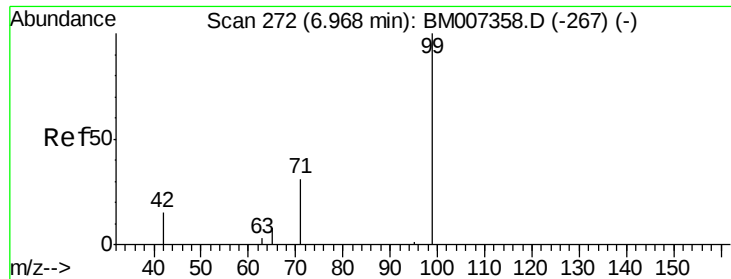
63 26.7 22.6 34.0



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



Time--> 5.30 5.40 5.50 5.60



#5

Phenol-d6

Concen: 0.35 ng

RT: 6.97 min Scan# 272

Delta R.T. 0.00 min

Lab File: BM007363.D

Acq: 01 Sep 2016 17:41

Instrument :

BNA_M

ClientSampleId :

SSTDICV0.4

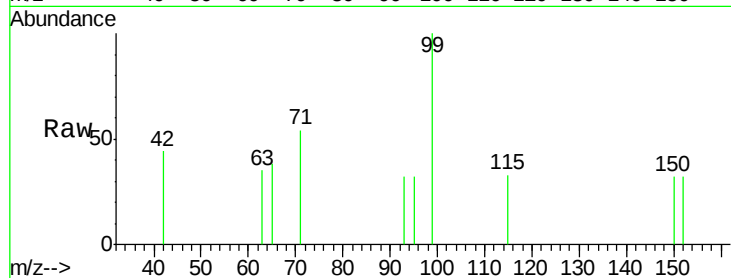
Tgt Ion: 99 Resp: 217

Ion Ratio Lower Upper

99 100

42 25.8 19.8 29.8

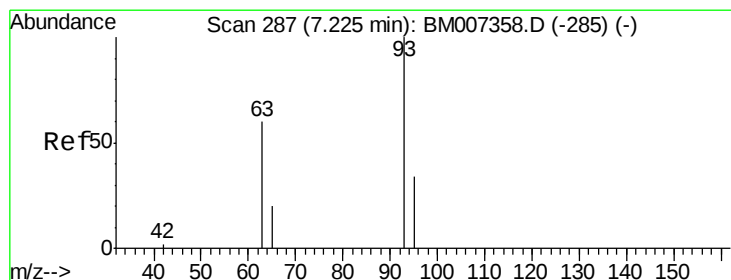
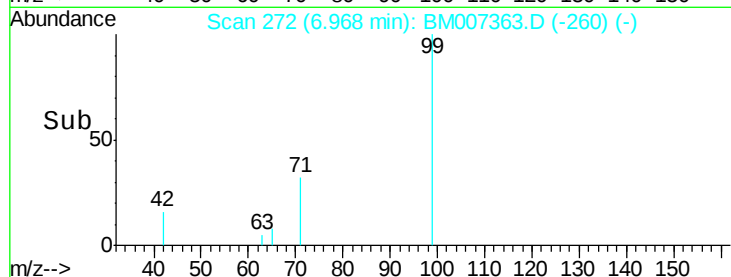
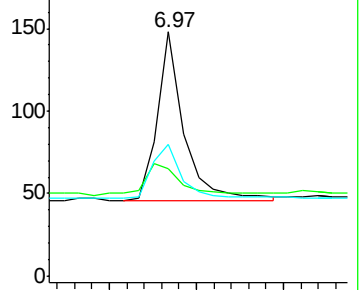
71 35.5 28.1 42.1



Abundance Ion 99.00 (98.70 to 99.70): BM007363.D (-260) (-)

Ion 42.00 (41.70 to 42.70): BM007363.D (-260) (-)

Ion 71.00 (70.70 to 71.70): BM007363.D (-260) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.33 ng

RT: 7.23 min Scan# 287

Delta R.T. 0.00 min

Lab File: BM007363.D

Acq: 01 Sep 2016 17:41

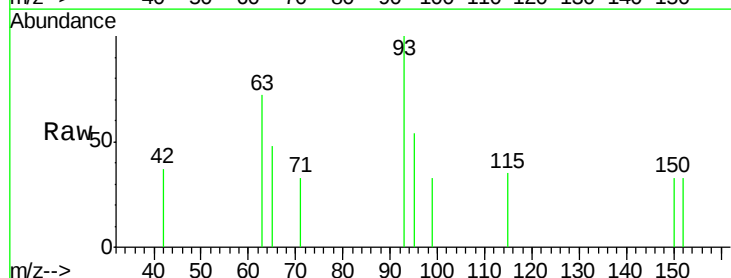
Tgt Ion: 93 Resp: 178

Ion Ratio Lower Upper

93 100

63 68.0 54.3 81.5

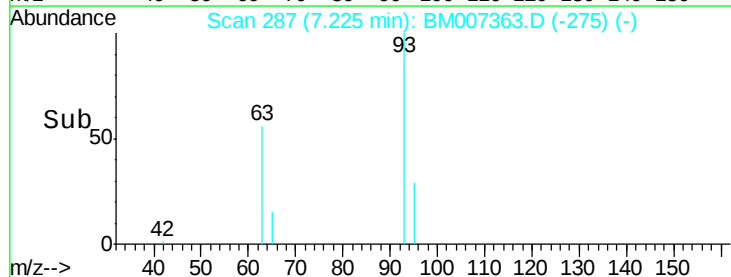
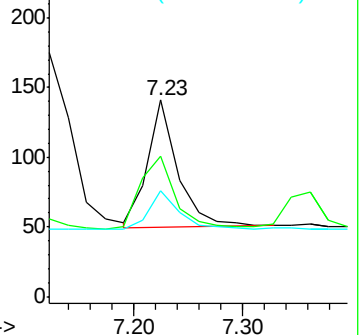
95 30.9 25.7 38.5

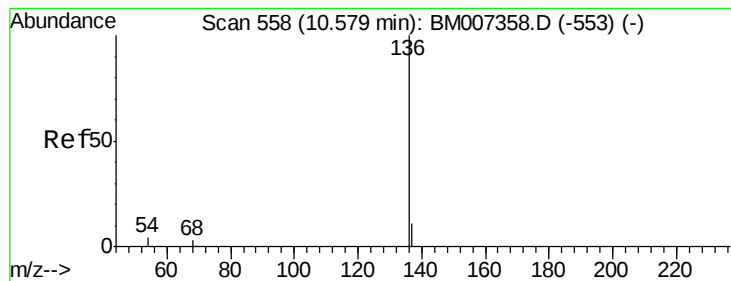


Abundance Ion 93.00 (92.70 to 93.70): BM007363.D (-275) (-)

Ion 63.00 (62.70 to 63.70): BM007363.D (-275) (-)

Ion 95.00 (94.70 to 95.70): BM007363.D (-275) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.58 min Scan# 558

Delta R.T. 0.00 min

Lab File: BM007363.D

Acq: 01 Sep 2016 17:41

Instrument :

BNA_M

ClientSampleId :

SSTDICV0.4

Tgt Ion:136 Resp: 10233

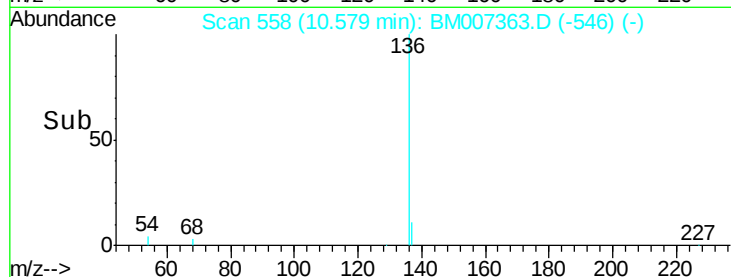
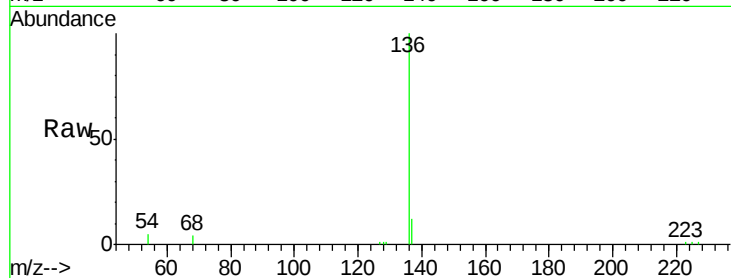
Ion Ratio Lower Upper

136 100

137 11.8 9.4 14.0

54 5.0 4.0 6.0

68 3.5 2.7 4.1

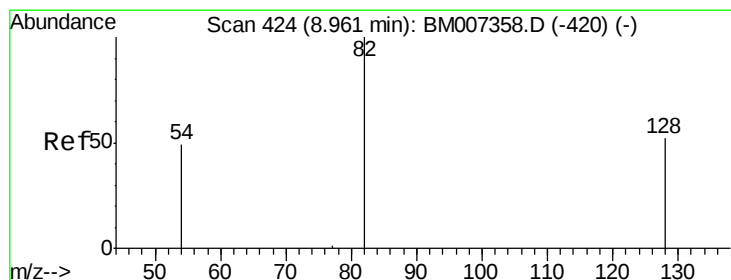
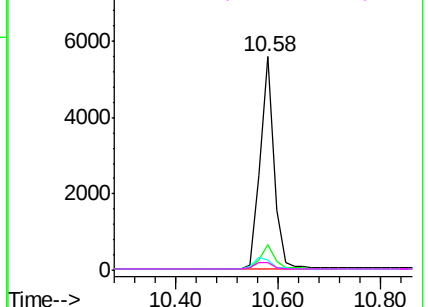


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.37 ng

RT: 8.96 min Scan# 424

Delta R.T. 0.00 min

Lab File: BM007363.D

Acq: 01 Sep 2016 17:41

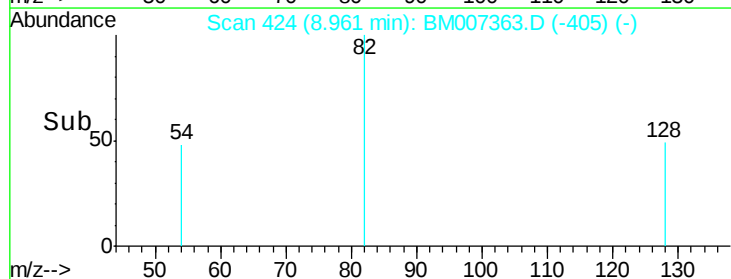
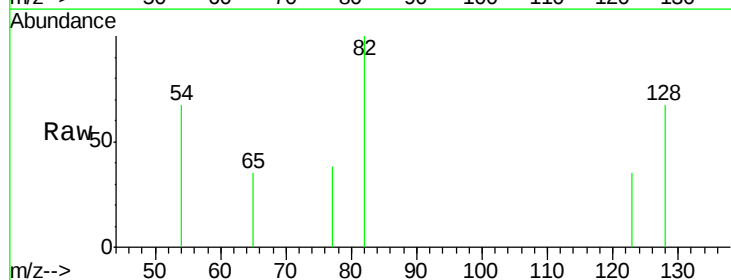
Tgt Ion: 82 Resp: 194

Ion Ratio Lower Upper

82 100

128 66.9 54.9 82.3

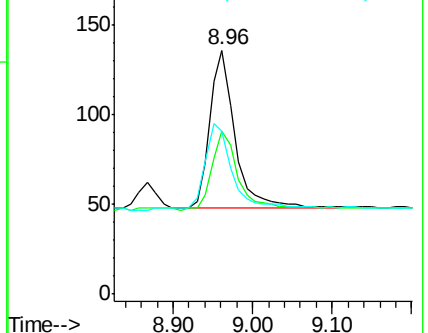
54 66.9 53.8 80.6

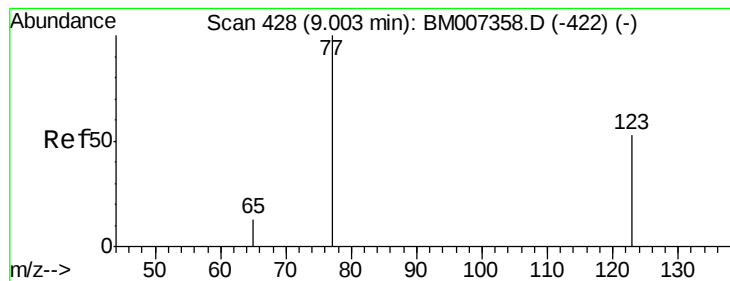


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.34 ng

RT: 9.00 min Scan# 428

Delta R.T. 0.00 min

Lab File: BM007363.D

Acq: 01 Sep 2016 17:41

Instrument :

BNA_M

ClientSampleId :

SSTDICV0.4

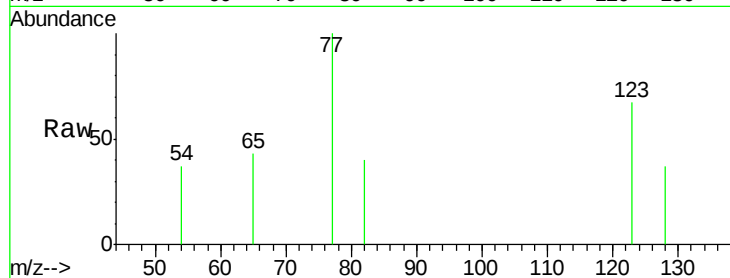
Tgt Ion: 77 Resp: 206

Ion Ratio Lower Upper

77 100

123 49.5 40.0 60.0

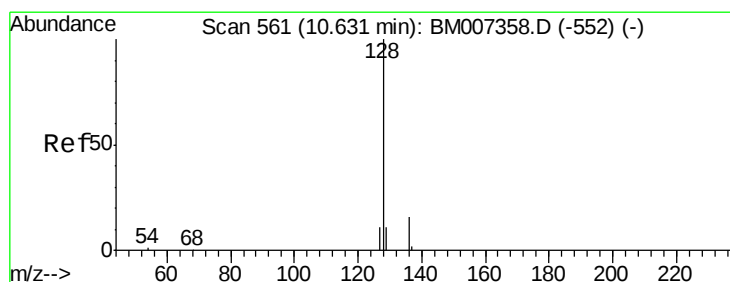
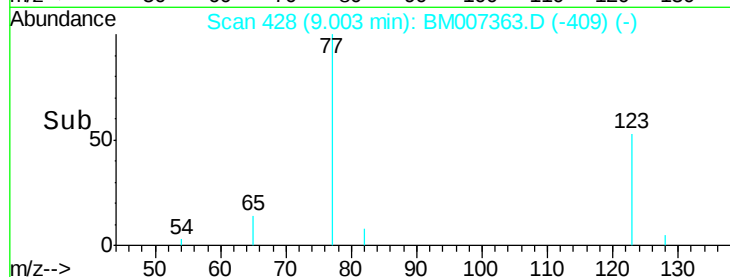
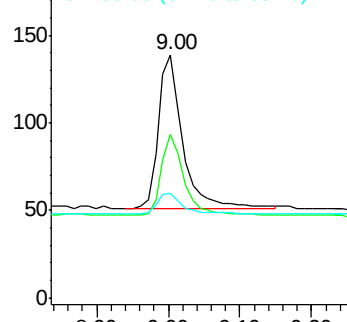
65 14.1 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BM007358.D (-422) (-)

Ion 123.00 (122.70 to 123.70): BM007358.D (-422) (-)

Ion 65.00 (64.70 to 65.70): BM007358.D (-422) (-)



#10

Naphthalene

Concen: 0.40 ng

RT: 10.63 min Scan# 561

Delta R.T. 0.00 min

Lab File: BM007363.D

Acq: 01 Sep 2016 17:41

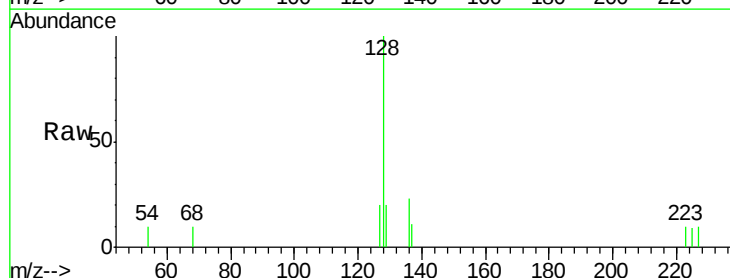
Tgt Ion: 128 Resp: 927

Ion Ratio Lower Upper

128 100

129 19.8 15.5 23.3

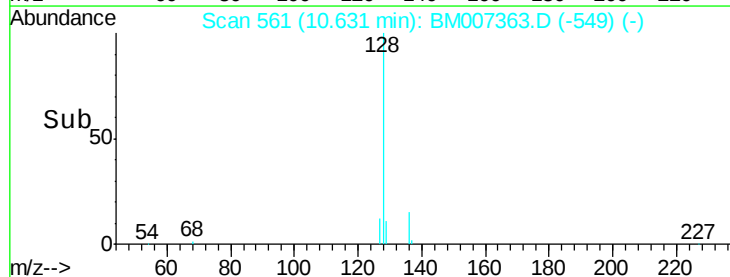
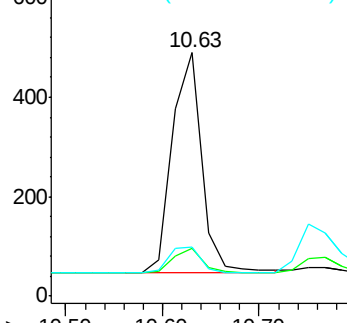
127 20.2 15.5 23.3

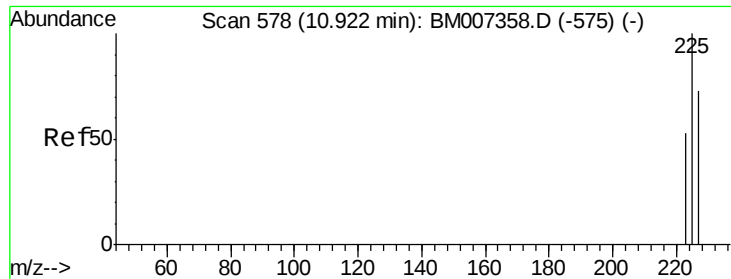


Abundance Ion 128.00 (127.70 to 128.70): BM007358.D (-552) (-)

Ion 129.00 (128.70 to 129.70): BM007358.D (-552) (-)

Ion 127.00 (126.70 to 127.70): BM007358.D (-552) (-)

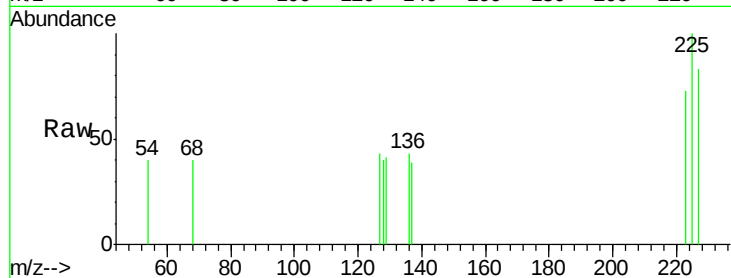




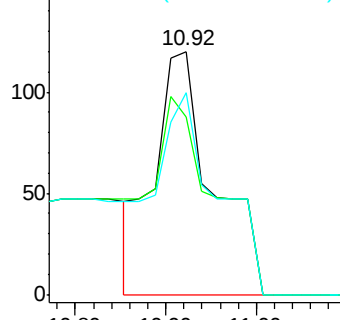
#11
Hexachlorobutadiene
Concen: 1.45 ng
RT: 10.92 min Scan# 578
Delta R.T. 0.00 min
Lab File: BM007363.D
Acq: 01 Sep 2016 17:41

Instrument :
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ClientSampleId :
SSTDICV0.4

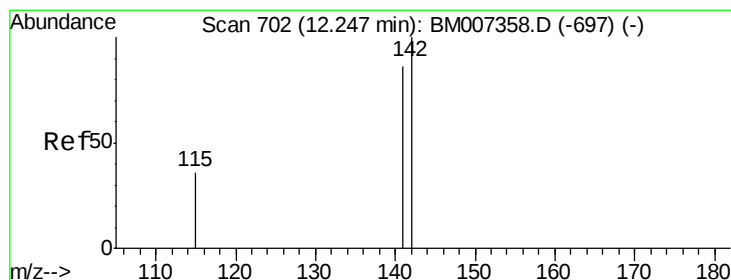
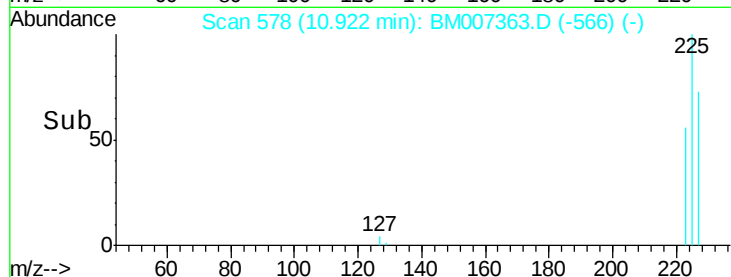
Tgt Ion: 225 Resp: 527
Ion Ratio Lower Upper
225 100
223 80.5 197.7 296.5#
227 80.1 196.2 294.4#



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

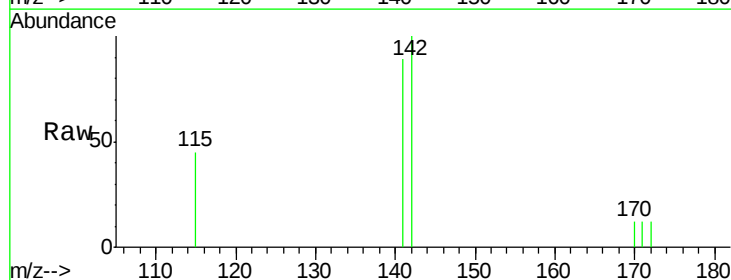


Time--> 10.80 10.90 11.00

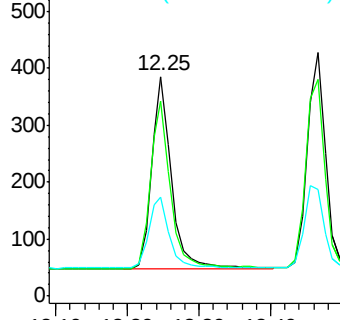


#12
2-Methylnaphthalene
Concen: 0.42 ng
RT: 12.25 min Scan# 702
Delta R.T. 0.00 min
Lab File: BM007363.D
Acq: 01 Sep 2016 17:41

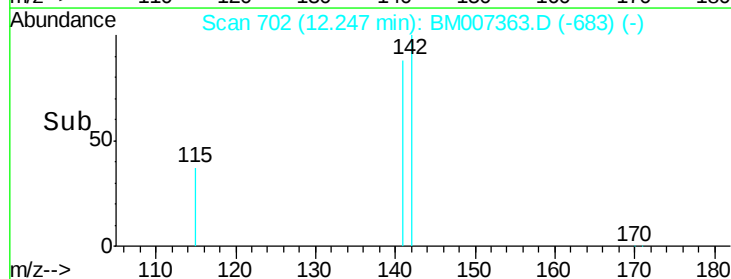
Tgt Ion: 142 Resp: 655
Ion Ratio Lower Upper
142 100
141 88.9 70.2 105.4
115 45.1 35.7 53.5

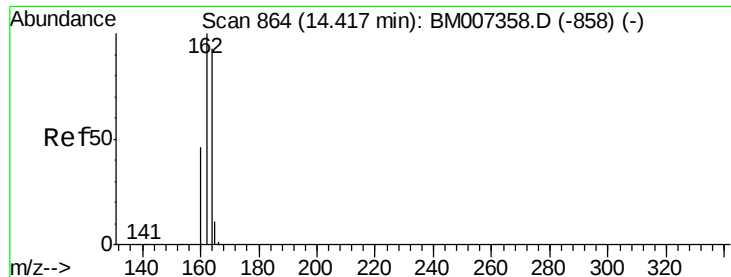


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



Time--> 12.10 12.20 12.30 12.40





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 864

Delta R.T. 0.00 min

Lab File: BM007363.D

Acq: 01 Sep 2016 17:41

Instrument :

BNA_M

ClientSampleId :

SSTDICV0.4

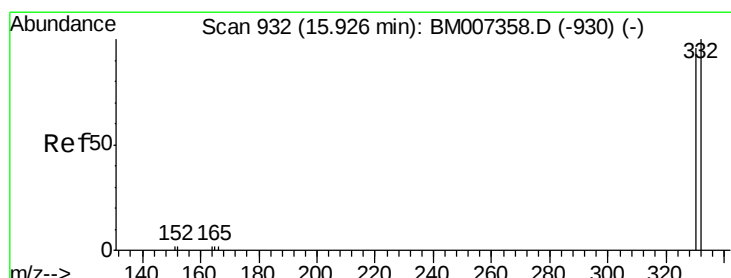
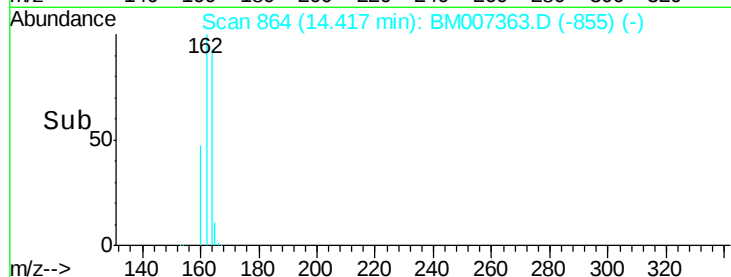
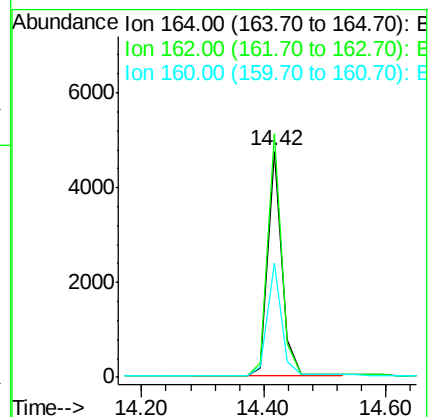
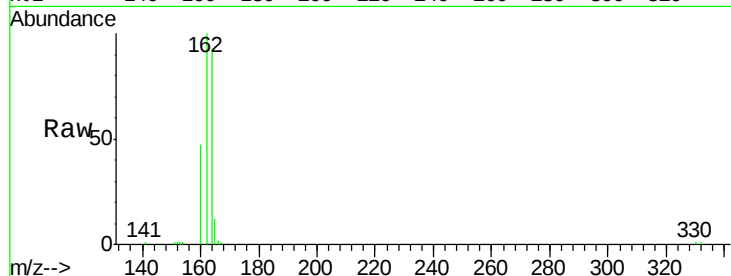
Tgt Ion:164 Resp: 7547

Ion Ratio Lower Upper

164 100

162 107.9 86.2 129.4

160 50.9 40.5 60.7



#14

2,4,6-Tribromophenol

Concen: 1.37 ng

RT: 15.93 min Scan# 932

Delta R.T. 0.00 min

Lab File: BM007363.D

Acq: 01 Sep 2016 17:41

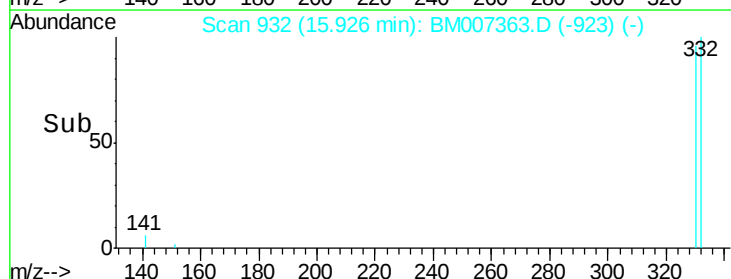
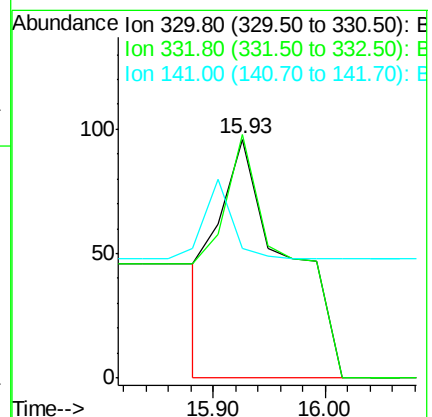
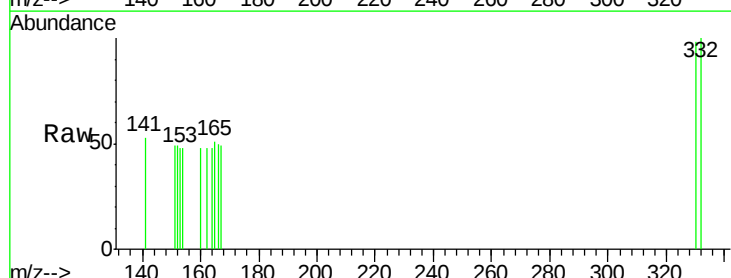
Tgt Ion:330 Resp: 406

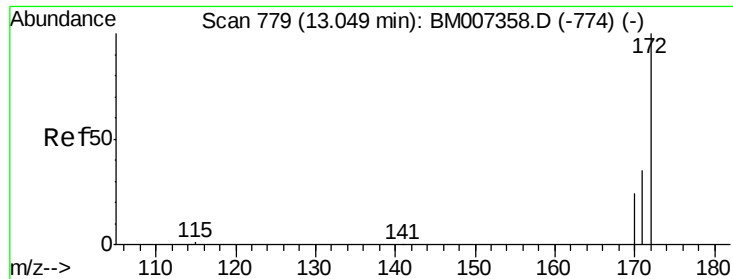
Ion Ratio Lower Upper

330 100

332 99.8 79.2 118.8

141 0.0 0.0 0.0

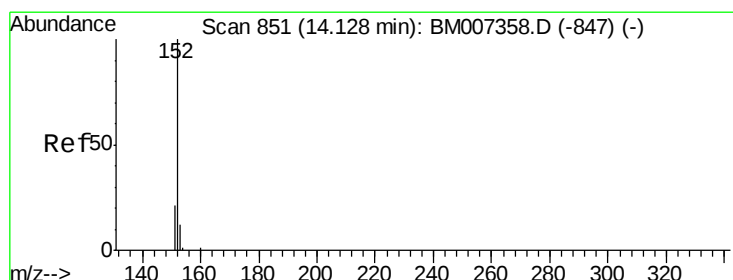
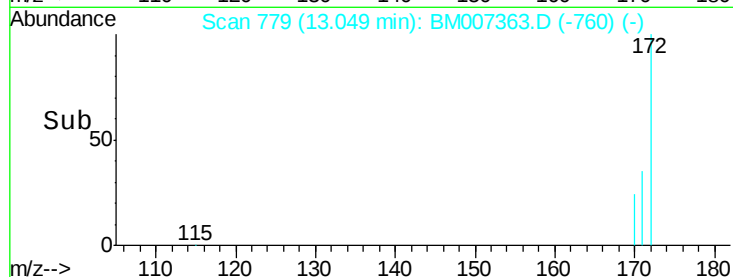
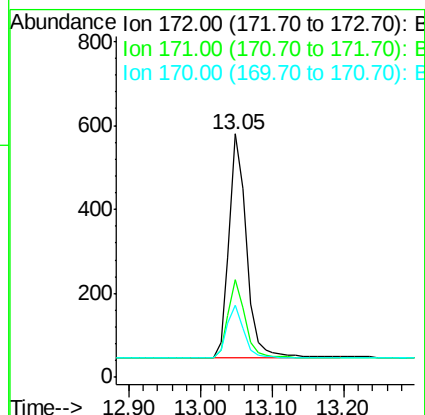
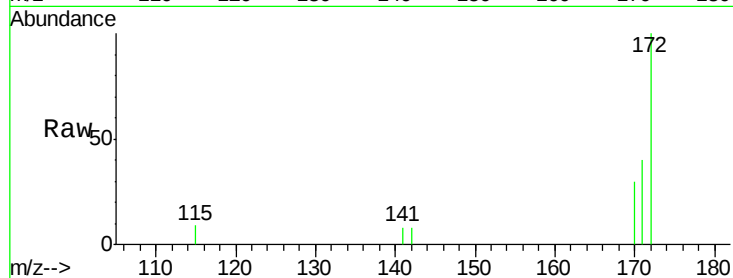




#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.05 min Scan# 779
Delta R.T. 0.00 min
Lab File: BM007363.D
Acq: 01 Sep 2016 17:41

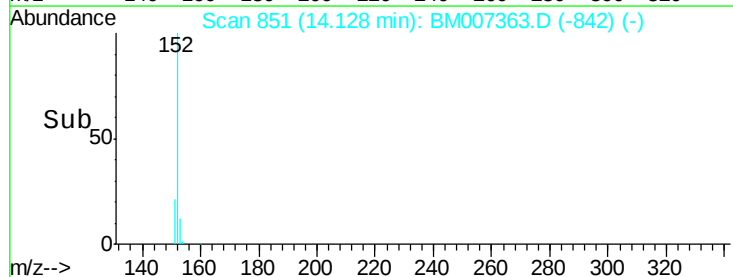
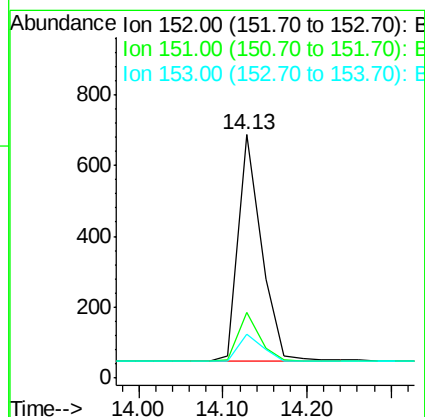
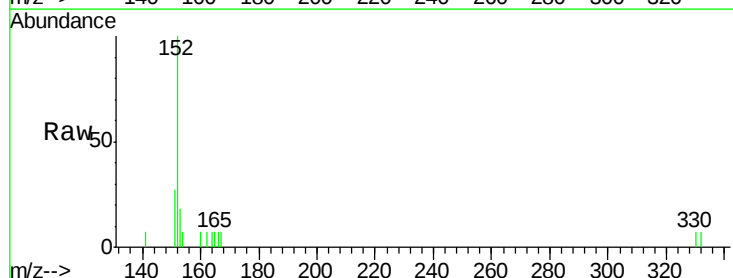
Instrument :
BNA_M
ClientSampleId :
SSTDICV0.4

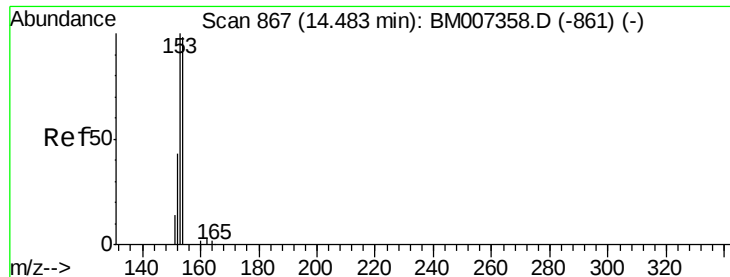
Tgt Ion:172 Resp: 912
Ion Ratio Lower Upper
172 100
171 40.2 32.2 48.2
170 29.8 23.5 35.3



#16
Acenaphthylene
Concen: 0.36 ng
RT: 14.13 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM007363.D
Acq: 01 Sep 2016 17:41

Tgt Ion:152 Resp: 1217
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 12.7 10.1 15.1

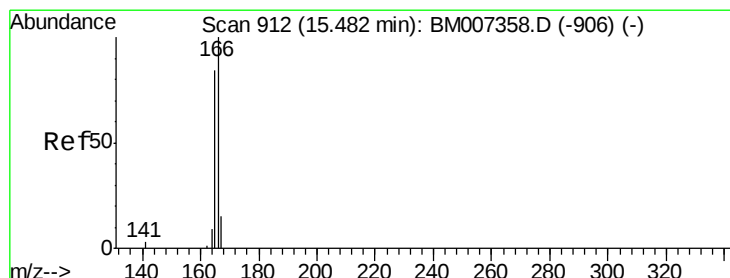
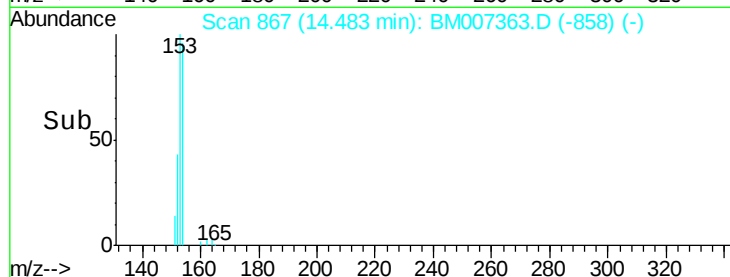
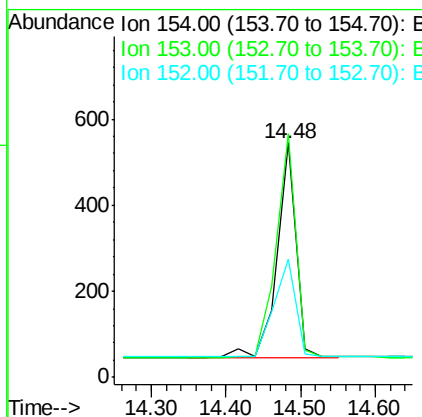
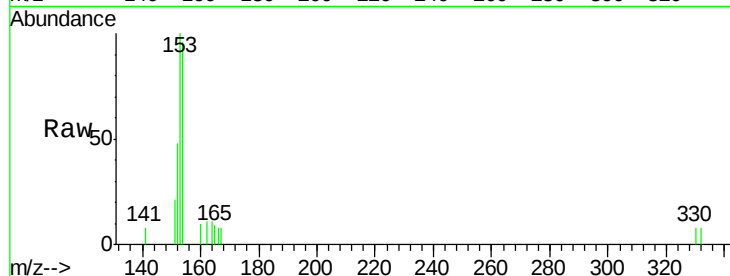




#17
Acenaphthene
Concen: 0.39 ng
RT: 14.48 min Scan# 867
Delta R.T. 0.00 min
Lab File: BM007363.D
Acq: 01 Sep 2016 17:41

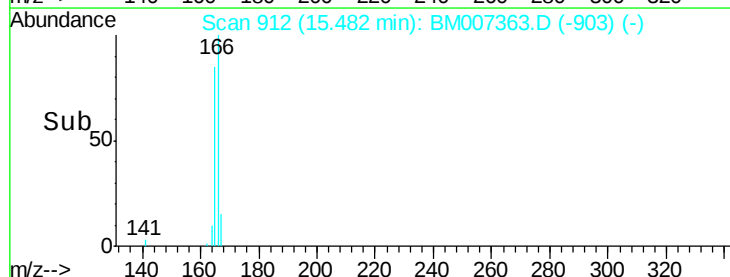
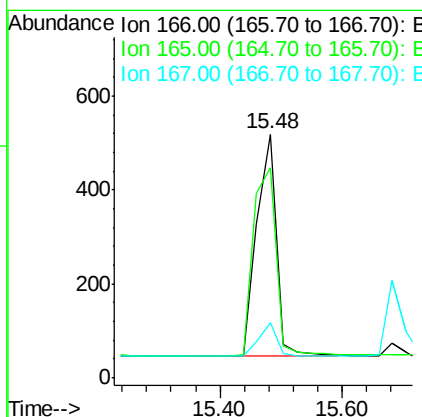
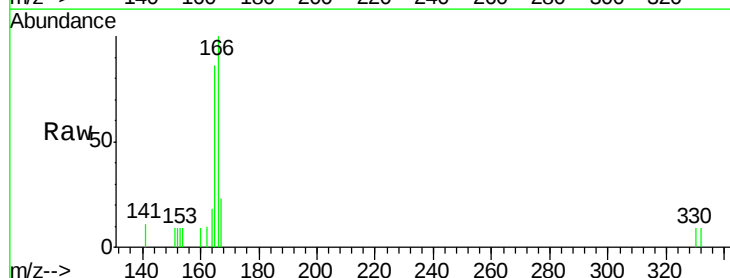
Instrument :
BNA_M
ClientSampleId :
SSTDICV0.4

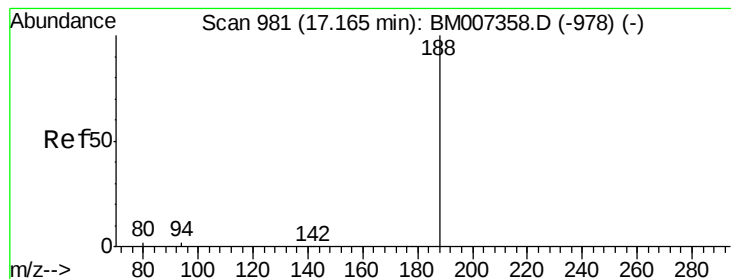
Tgt Ion:154 Resp: 867
Ion Ratio Lower Upper
154 100
153 108.9 85.1 127.7
152 52.5 40.9 61.3



#18
Fluorene
Concen: 0.40 ng
RT: 15.48 min Scan# 912
Delta R.T. 0.00 min
Lab File: BM007363.D
Acq: 01 Sep 2016 17:41

Tgt Ion:166 Resp: 1056
Ion Ratio Lower Upper
166 100
165 98.5 78.8 118.2
167 13.3 10.8 16.2





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.16 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM007363.D

Acq: 01 Sep 2016 17:41

Instrument :

BNA_M

ClientSampleId :

SSTDICV0.4

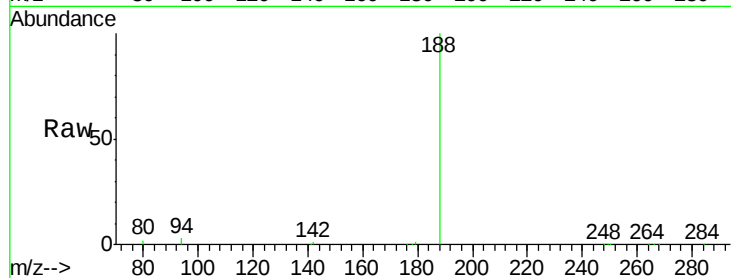
Tgt Ion:188 Resp: 19738

Ion Ratio Lower Upper

188 100

94 2.7 2.0 3.0

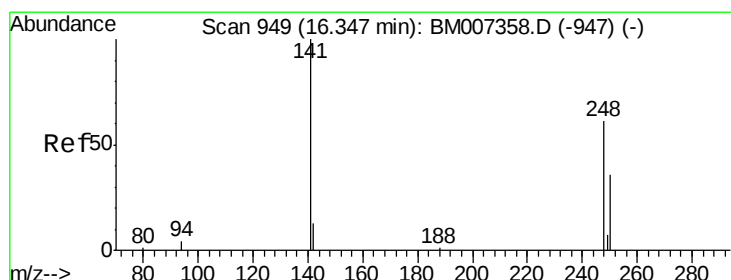
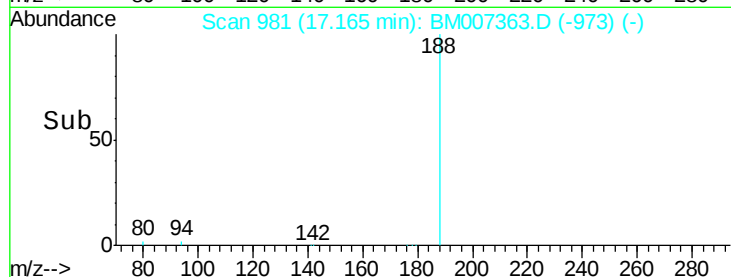
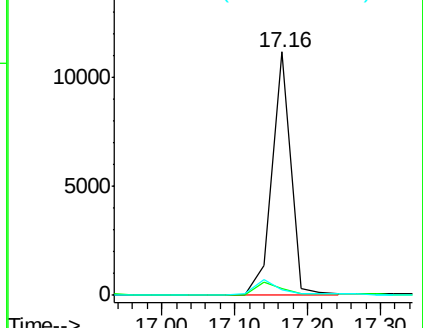
80 2.3 1.6 2.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#20

4-Bromophenyl-phenylether

Concen: 0.28 ng

RT: 16.35 min Scan# 949

Delta R.T. 0.00 min

Lab File: BM007363.D

Acq: 01 Sep 2016 17:41

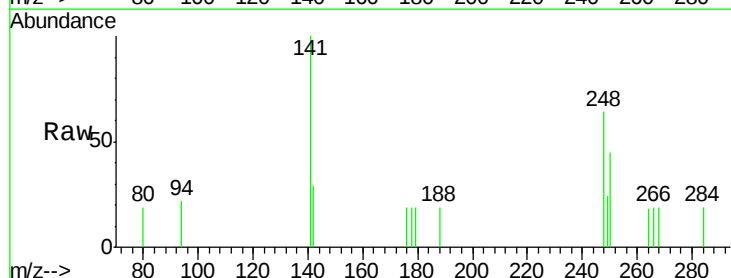
Tgt Ion:248 Resp: 294

Ion Ratio Lower Upper

248 100

250 0.0 0.0 0.0

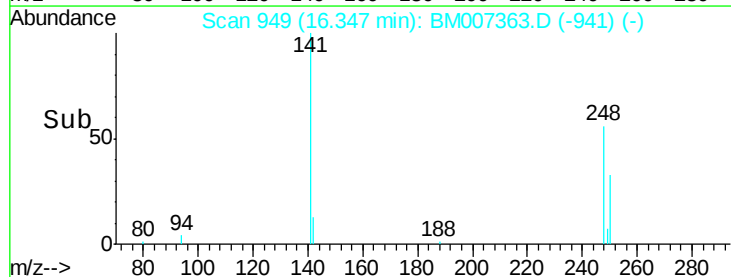
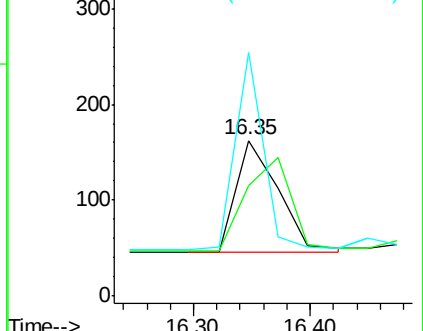
141 119.0 98.2 147.4

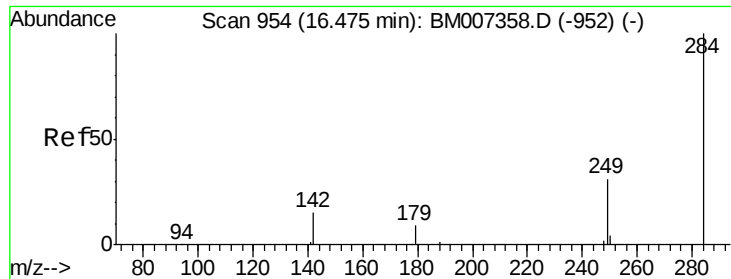


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

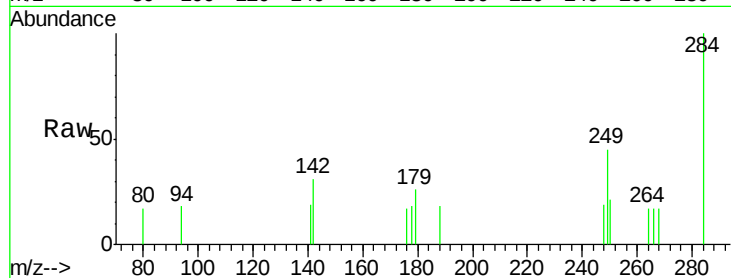




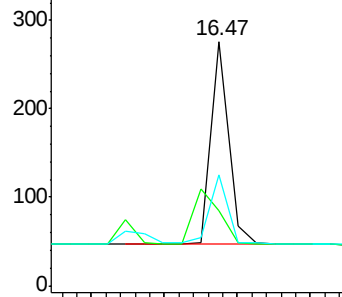
#21
Hexachlorobenzene
Concen: 0.37 ng
RT: 16.47 min Scan# 954
Delta R.T. 0.00 min
Lab File: BM007363.D
Acq: 01 Sep 2016 17:41

Instrument :
BNA_M
ClientSampleId :
SSTDICV0.4

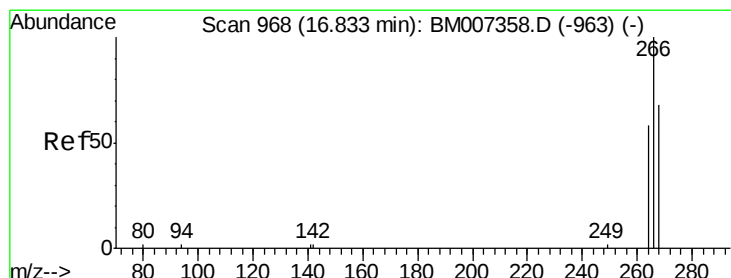
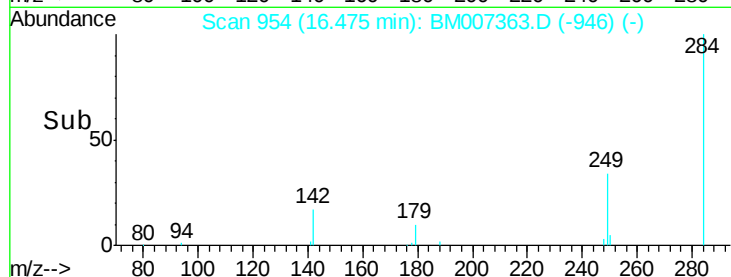
Tgt Ion: 284 Resp: 386
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 35.0 26.6 40.0



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

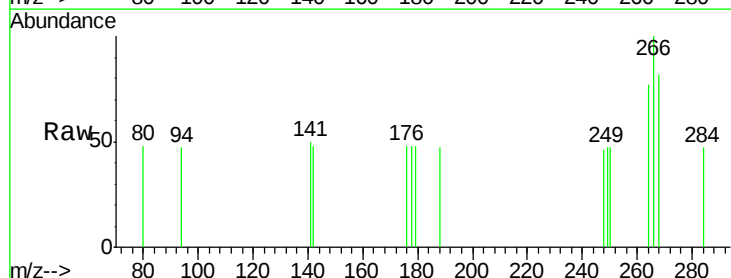


Time-->

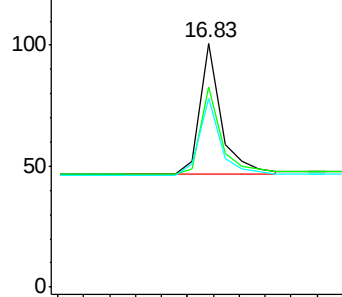


#22
Pentachlorophenol
Concen: 0.40 ng
RT: 16.83 min Scan# 968
Delta R.T. 0.00 min
Lab File: BM007363.D
Acq: 01 Sep 2016 17:41

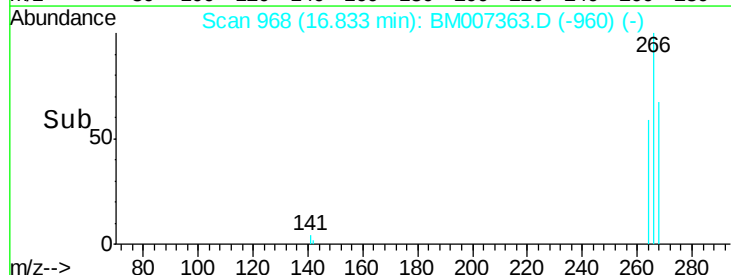
Tgt Ion: 266 Resp: 121
Ion Ratio Lower Upper
266 100
268 82.2 66.4 99.6
264 77.2 61.6 92.4

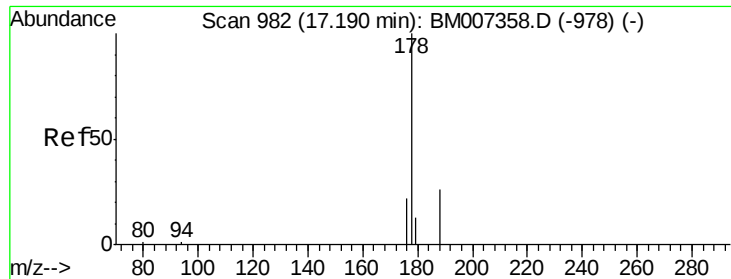


Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



Time-->

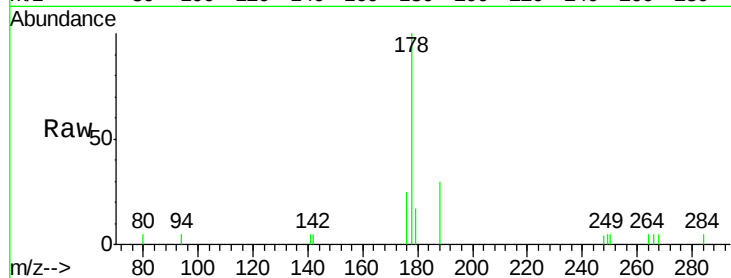




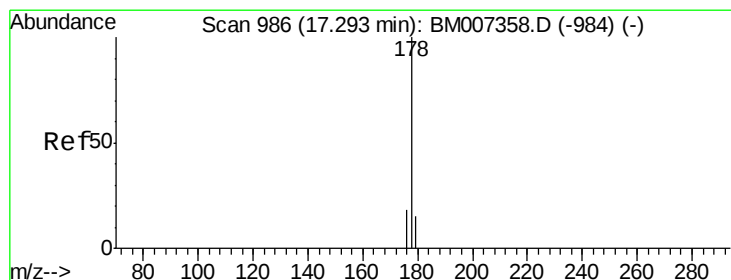
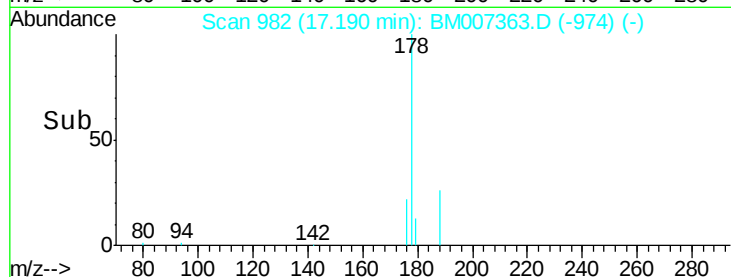
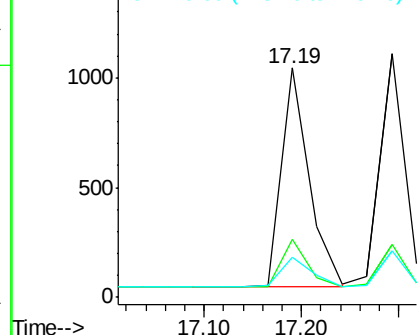
#23
 Phenanthrene
 Concen: 0.31 ng
 RT: 17.19 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BM007363.D
 Acq: 01 Sep 2016 17:41

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICV0.4

Tgt Ion:178 Resp: 1980
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.6 24.8
 179 15.4 12.5 18.7

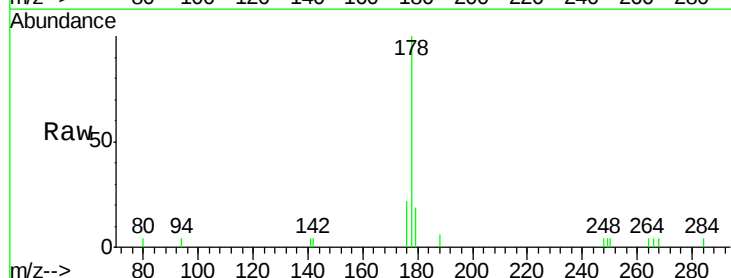


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

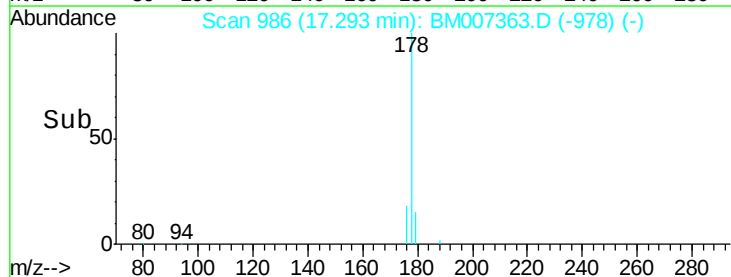
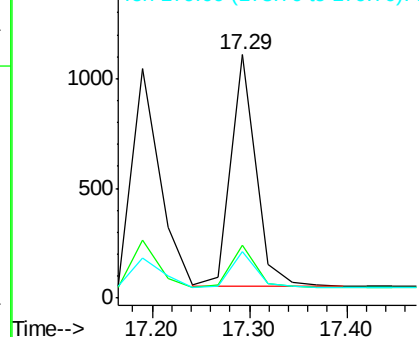


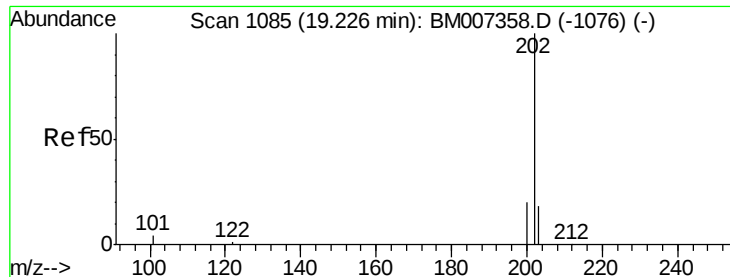
#24
 Anthracene
 Concen: 0.39 ng
 RT: 17.29 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BM007363.D
 Acq: 01 Sep 2016 17:41

Tgt Ion:178 Resp: 1877
 Ion Ratio Lower Upper
 178 100
 176 18.0 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





#25

Fluoranthene

Concen: 0.36 ng

RT: 19.23 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BM007363.D

Acq: 01 Sep 2016 17:41

Instrument :

BNA_M

ClientSampleId :

SSTDICV0.4

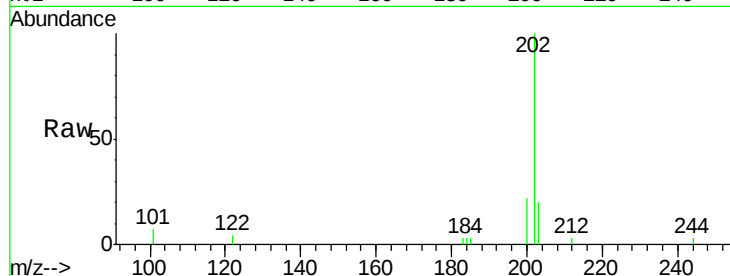
Tgt Ion: 202 Resp: 2226

Ion Ratio Lower Upper

202 100

101 8.0 6.5 9.7

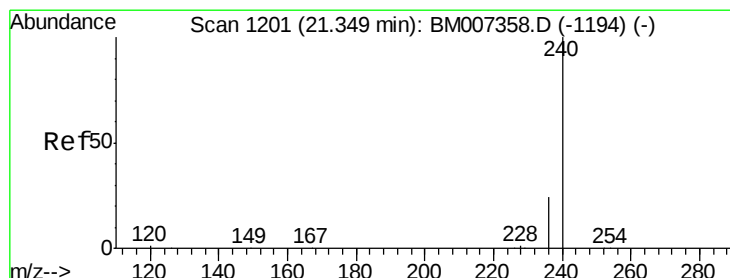
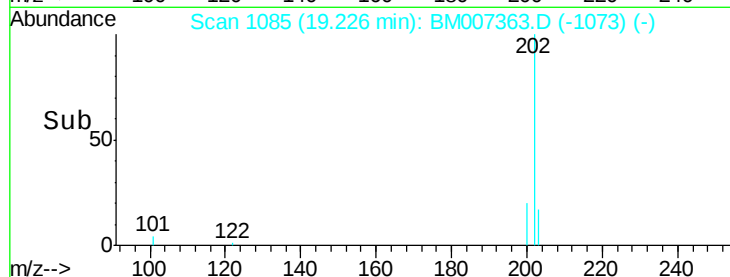
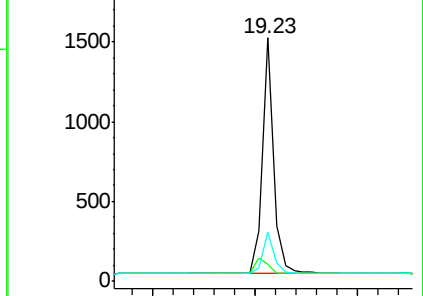
203 17.7 14.2 21.2



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: BM007363.D

Acq: 01 Sep 2016 17:41

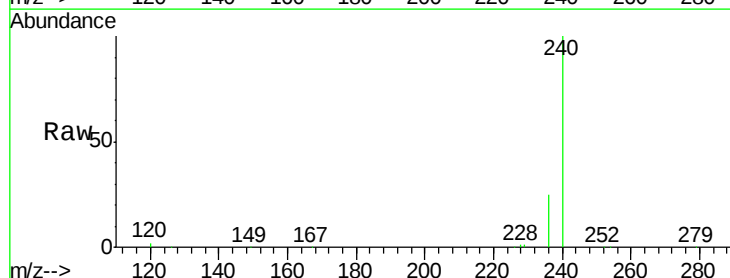
Tgt Ion: 240 Resp: 21955

Ion Ratio Lower Upper

240 100

120 1.8 1.3 1.9

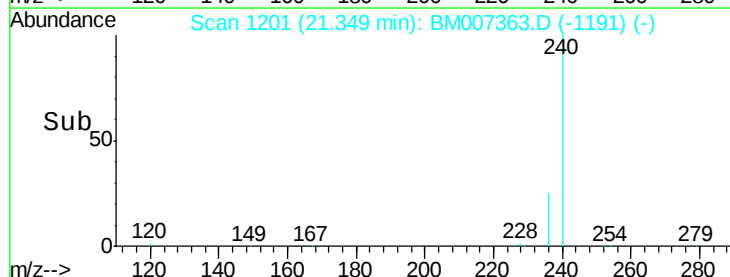
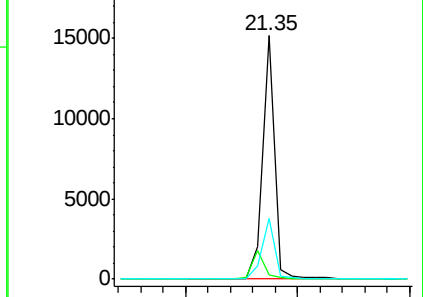
236 24.9 19.1 28.7

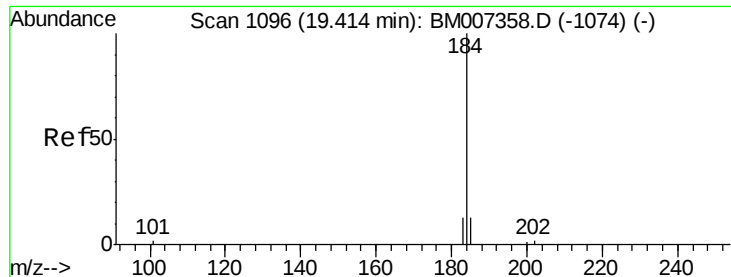


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

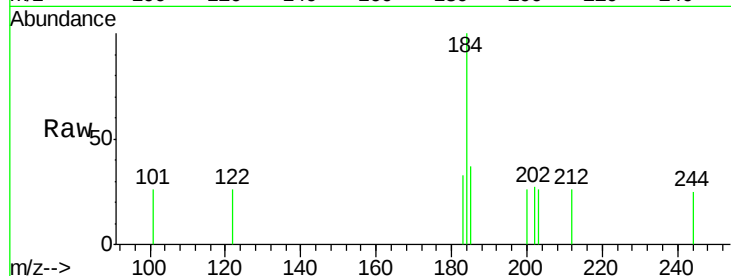




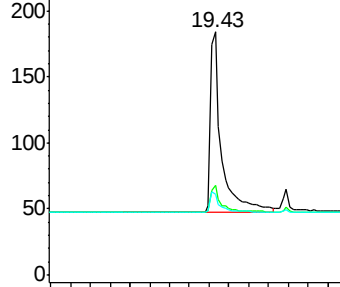
#27
Benzidine
Concen: 0.44 ng
RT: 19.43 min Scan# 1097
Delta R.T. 0.02 min
Lab File: BM007363.D
Acq: 01 Sep 2016 17:41

Instrument :
BNA_M
ClientSampleId :
SSTDICV0.4

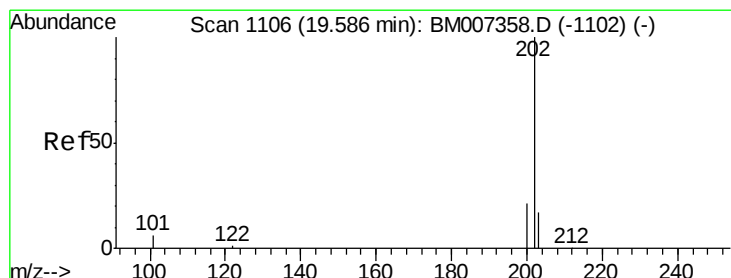
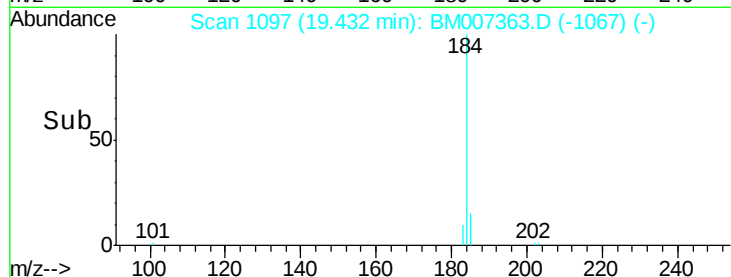
Tgt Ion:184 Resp: 525
Ion Ratio Lower Upper
184 100
185 37.0 29.8 44.8
183 33.2 29.8 44.8



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

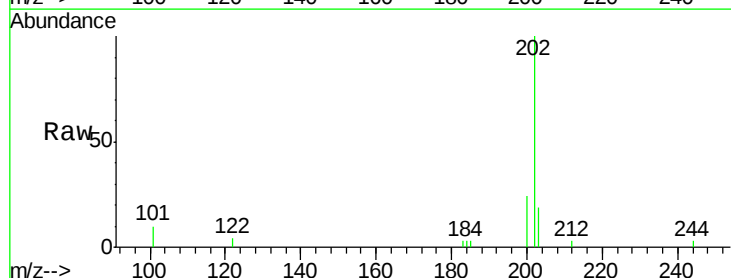


Time--> 19.00 19.50

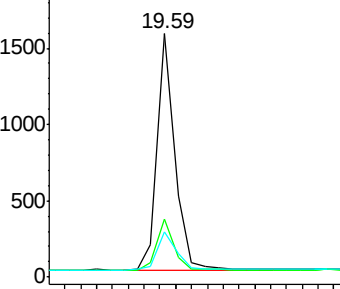


#28
Pyrene
Concen: 0.31 ng
RT: 19.59 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BM007363.D
Acq: 01 Sep 2016 17:41

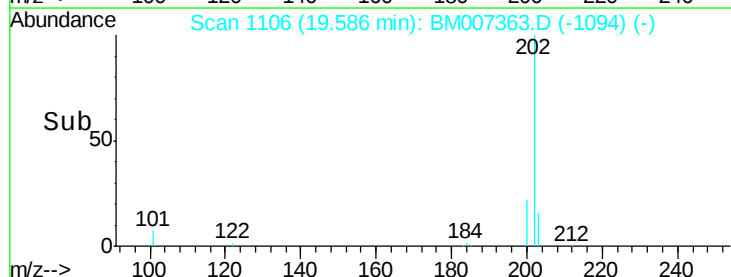
Tgt Ion:202 Resp: 2355
Ion Ratio Lower Upper
202 100
200 21.1 16.6 25.0
203 17.3 13.8 20.8

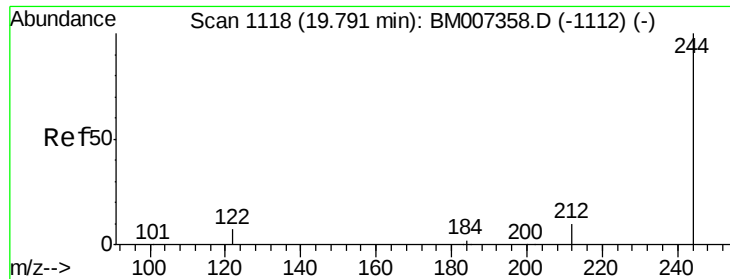


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 19.50 19.60 19.70





#29

Terphenyl-d14

Concen: 0.29 ng

RT: 19.79 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BM007363.D

Acq: 01 Sep 2016 17:41

Instrument :

BNA_M

ClientSampleId :

SSTDICV0.4

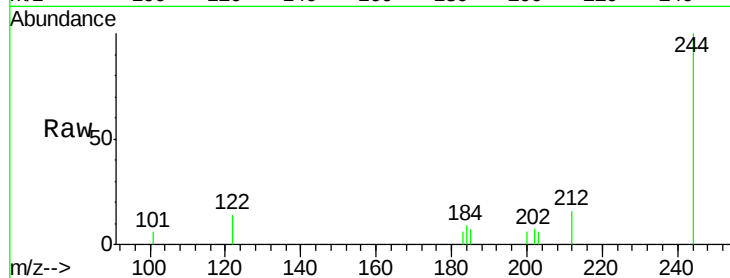
Tgt Ion:244 Resp: 1094

Ion Ratio Lower Upper

244 100

212 16.3 12.2 18.4

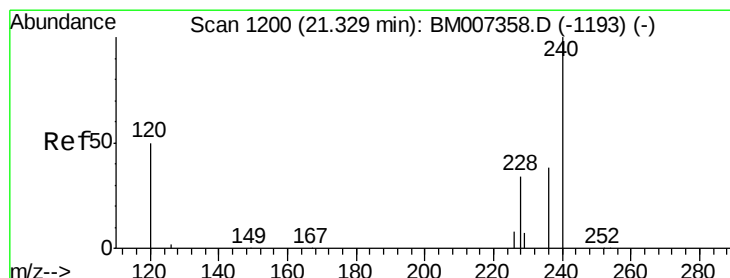
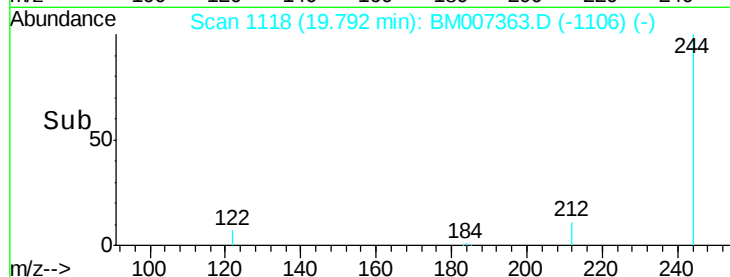
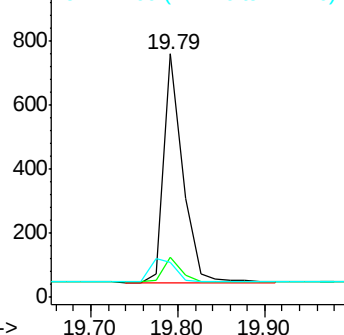
122 14.2 9.6 14.4



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: 0.71 ng

RT: 21.33 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BM007363.D

Acq: 01 Sep 2016 17:41

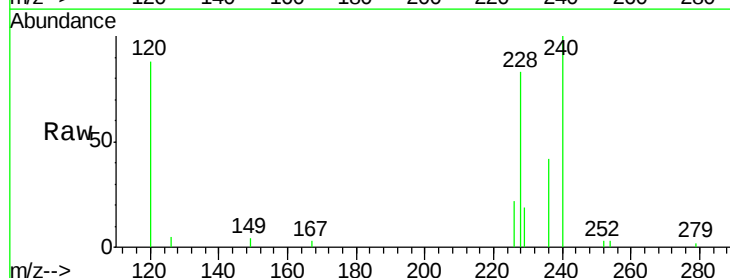
Tgt Ion:228 Resp: 4758

Ion Ratio Lower Upper

228 100

226 26.7 20.4 30.6

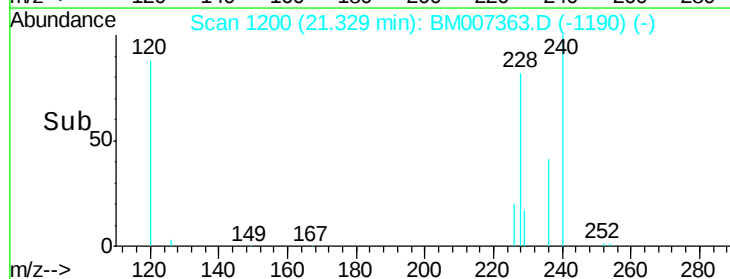
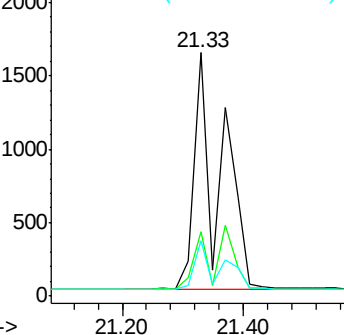
229 22.9 19.0 28.4

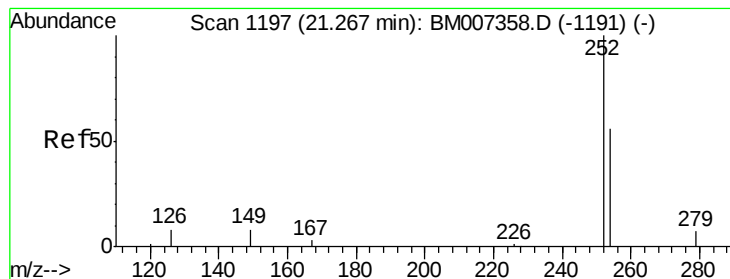


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.34 ng

RT: 21.27 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BM007363.D

Acq: 01 Sep 2016 17:41

Instrument :

BNA_M

ClientSampleId :

SSTDICV0.4

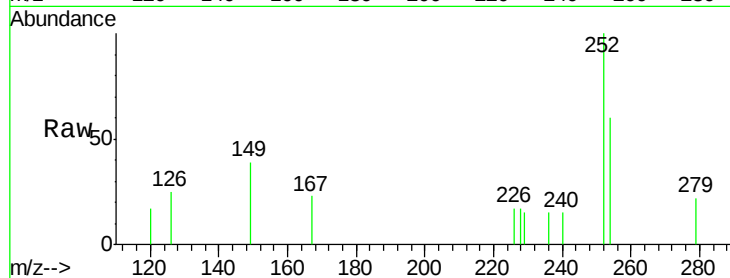
Tgt Ion:252 Resp: 634

Ion Ratio Lower Upper

252 100

254 59.8 49.4 74.0

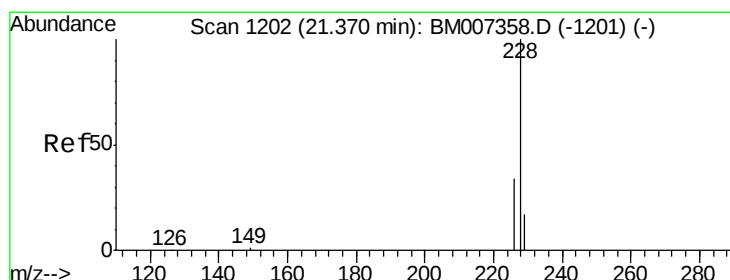
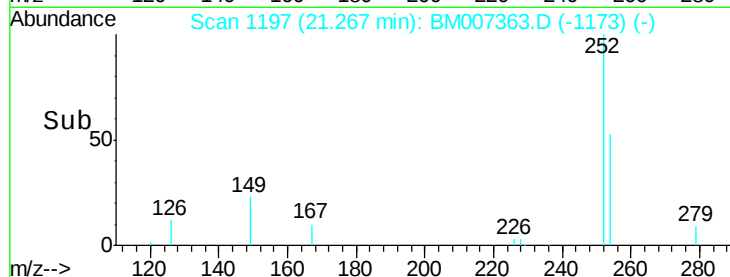
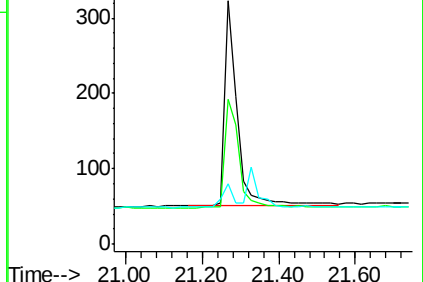
126 24.8 16.3 24.5#



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: 0.70 ng

RT: 21.33 min Scan# 1200

Delta R.T. -0.04 min

Lab File: BM007363.D

Acq: 01 Sep 2016 17:41

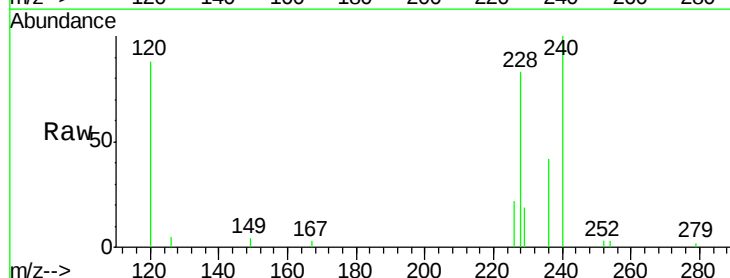
Tgt Ion:228 Resp: 4774

Ion Ratio Lower Upper

228 100

226 26.7 28.3 42.5#

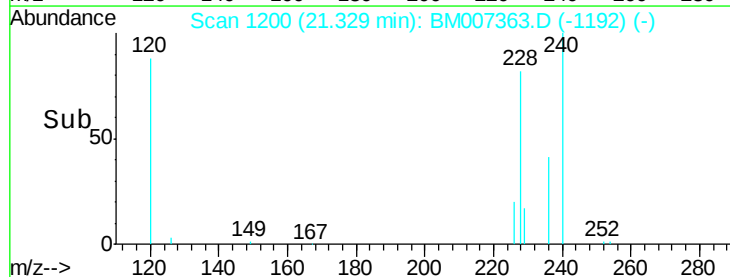
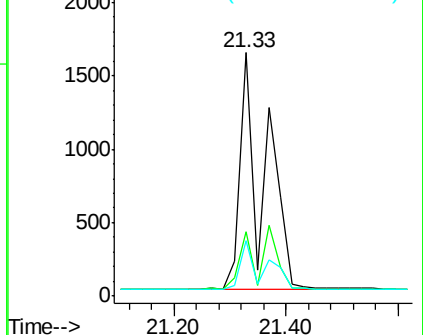
229 22.9 15.7 23.5

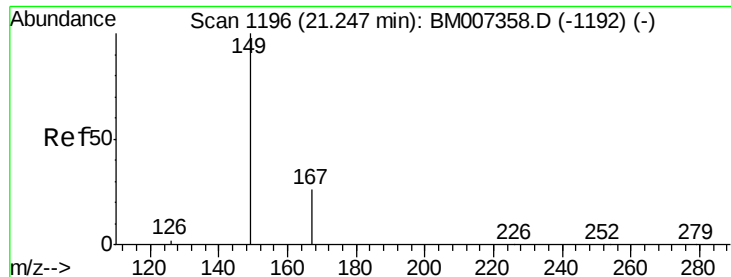


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.29 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM007363.D

Acq: 01 Sep 2016 17:41

Instrument :

BNA_M

ClientSampleId :

SSTDICV0.4

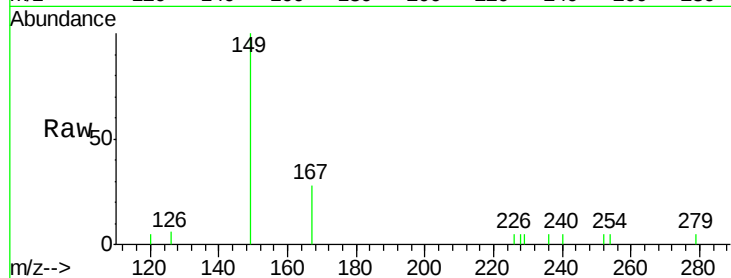
Tgt Ion:149 Resp: 1228

Ion Ratio Lower Upper

149 100

167 25.7 21.0 31.4

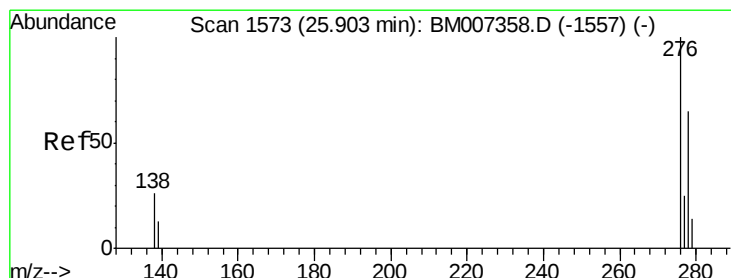
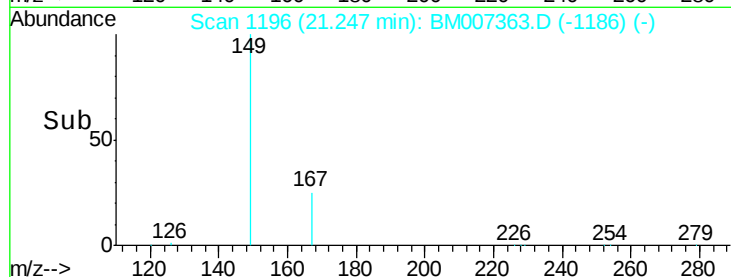
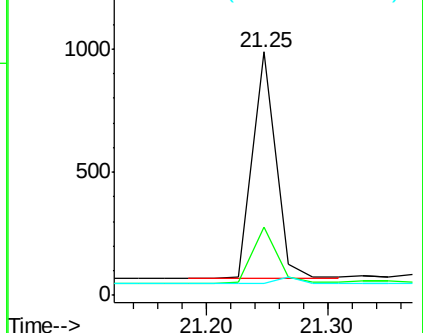
279 0.0 0.0 0.0



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: 0.40 ng

RT: 25.90 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BM007363.D

Acq: 01 Sep 2016 17:41

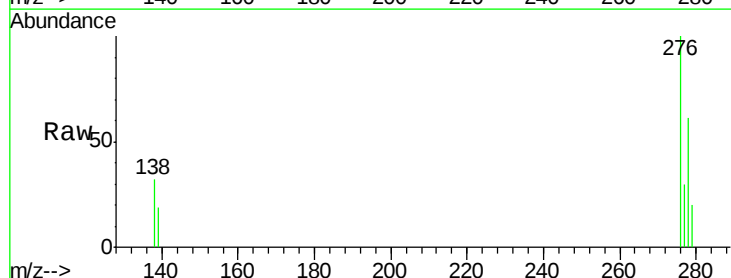
Tgt Ion:276 Resp: 1965

Ion Ratio Lower Upper

276 100

138 26.4 21.0 31.4

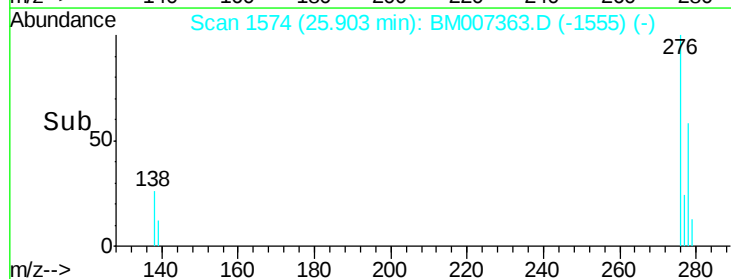
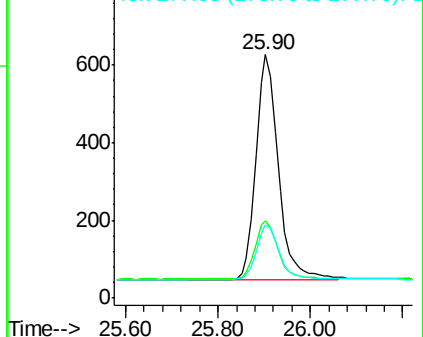
277 24.5 19.7 29.5

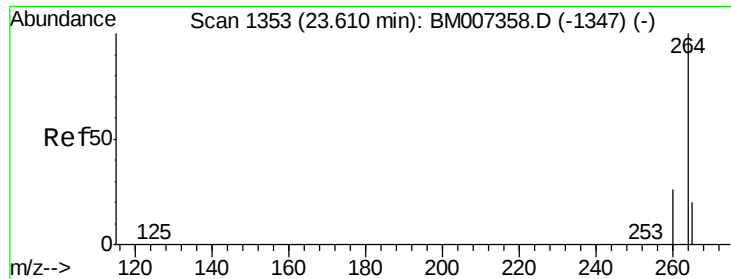


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

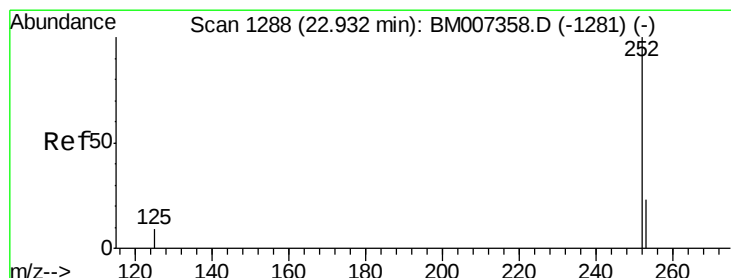
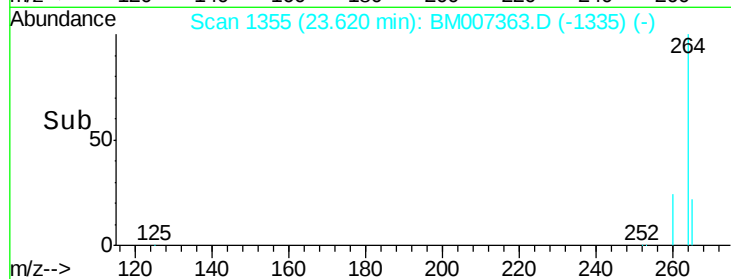
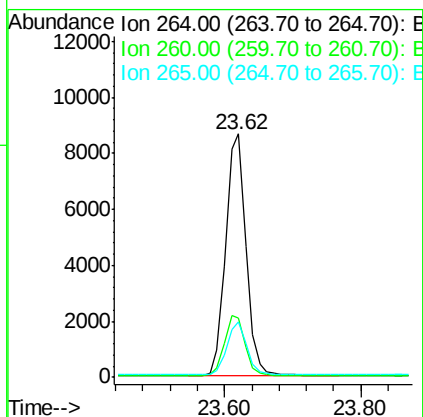
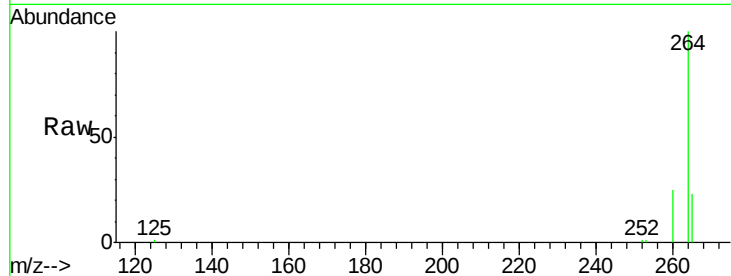




#35
Perylene-d12
 Concen: 5.00 ng
 RT: 23.62 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BM007363.D
 Acq: 01 Sep 2016 17:41

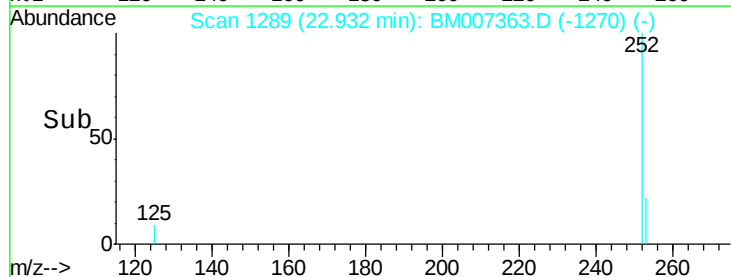
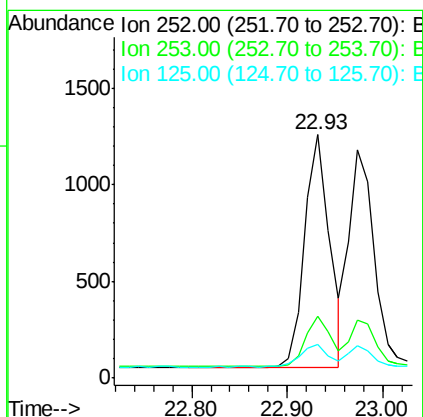
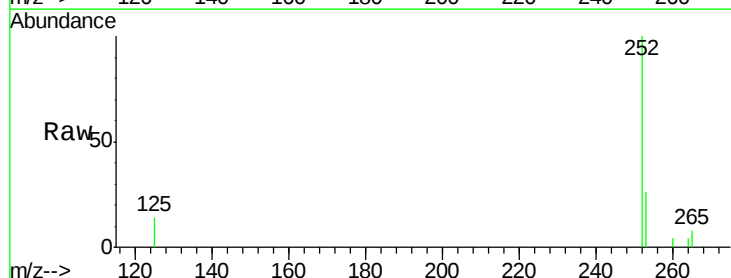
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICV0.4

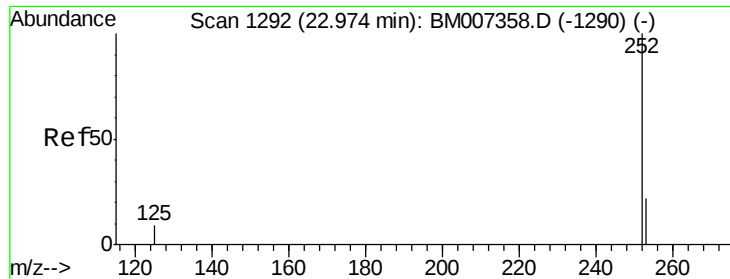
Tgt Ion: 264 Resp: 18008
 Ion Ratio Lower Upper
 264 100
 260 24.5 21.2 31.8
 265 23.0 17.1 25.7



#36
Benzo(b)fluoranthene
 Concen: 0.38 ng
 RT: 22.93 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BM007363.D
 Acq: 01 Sep 2016 17:41

Tgt Ion: 252 Resp: 2184
 Ion Ratio Lower Upper
 252 100
 253 25.7 21.4 32.2
 125 13.6 10.5 15.7

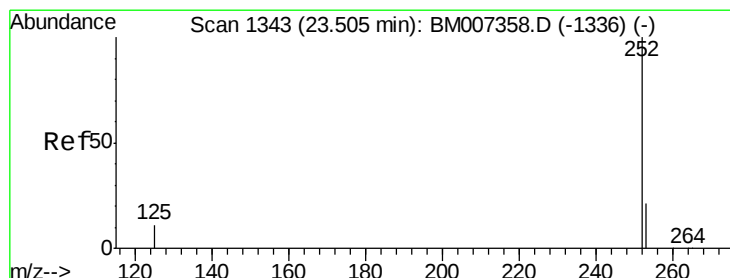
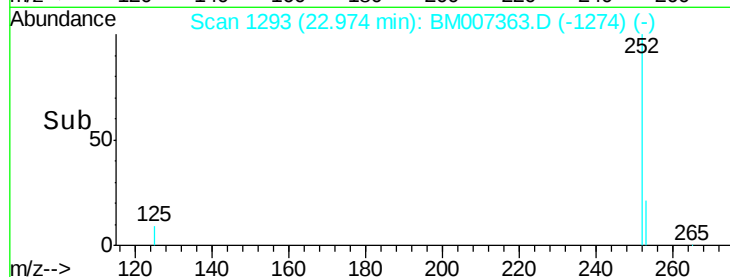
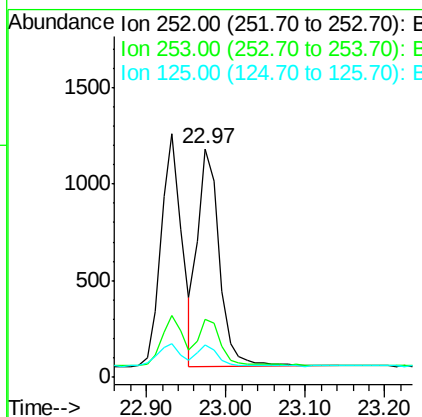
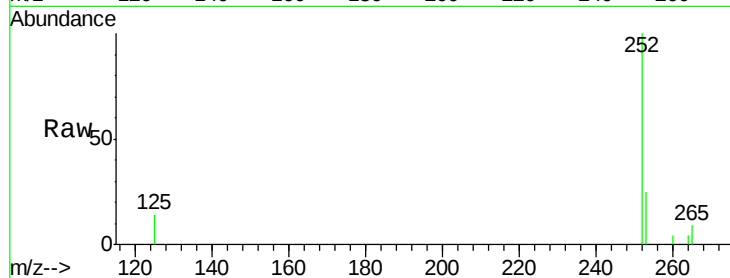




#37
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 22.97 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BM007363.D
Acq: 01 Sep 2016 17:41

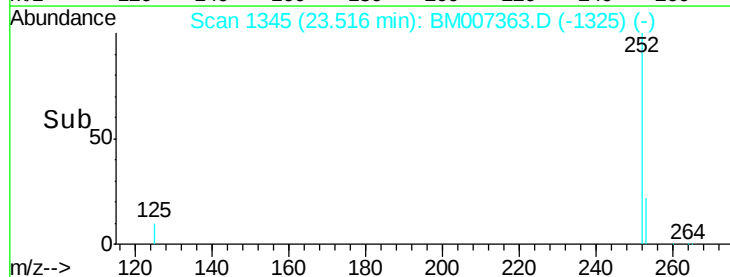
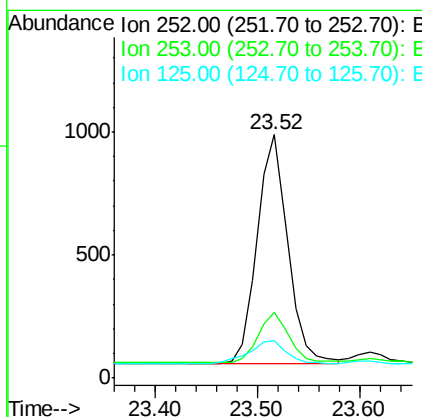
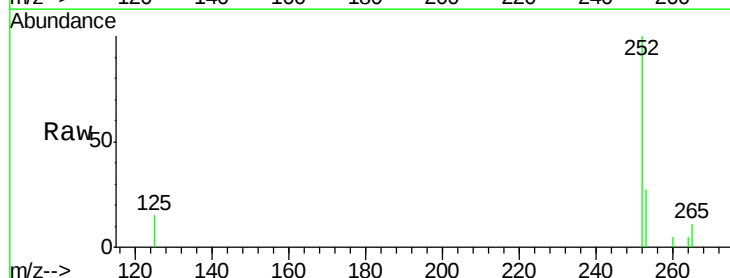
Instrument :
BNA_M
ClientSampleId :
SSTDICV0.4

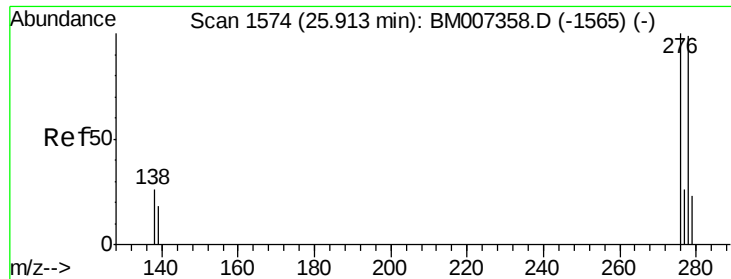
Tgt Ion: 252 Resp: 2110
Ion Ratio Lower Upper
252 100
253 25.4 20.6 30.8
125 14.0 10.7 16.1



#38
Benzo(a)pyrene
Concen: 0.39 ng
RT: 23.52 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BM007363.D
Acq: 01 Sep 2016 17:41

Tgt Ion: 252 Resp: 1951
Ion Ratio Lower Upper
252 100
253 27.1 20.6 31.0
125 15.4 13.0 19.4





#39

Dibenzo(a,h)anthracene

Concen: 0.41 ng

RT: 25.92 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BM007363.D

Acq: 01 Sep 2016 17:41

Instrument :

BNA_M

ClientSampleId :

SSTDICV0.4

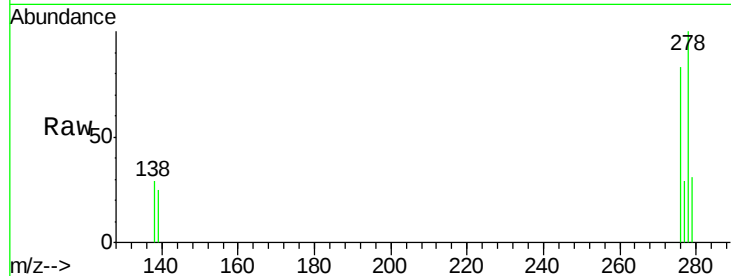
Tgt Ion: 278 Resp: 1591

Ion Ratio Lower Upper

278 100

139 24.9 20.4 30.6

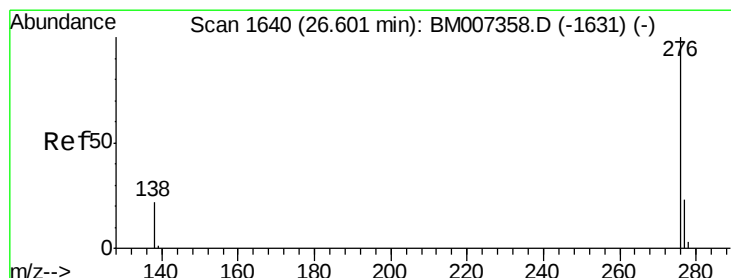
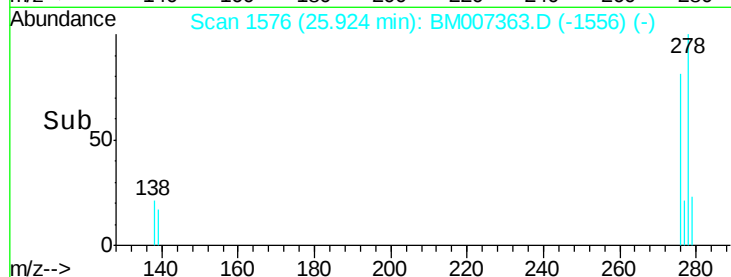
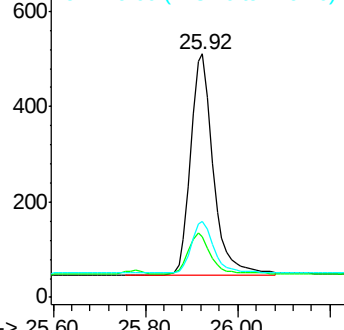
279 31.1 24.2 36.4



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: 0.41 ng

RT: 26.60 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BM007363.D

Acq: 01 Sep 2016 17:41

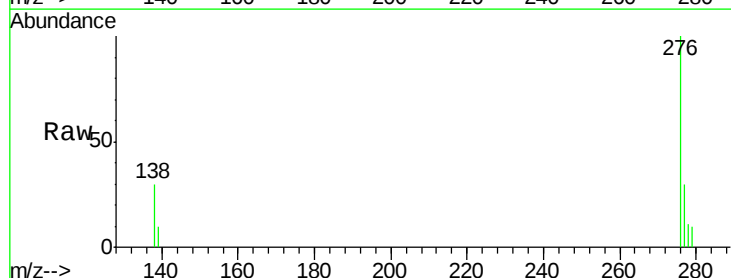
Tgt Ion: 276 Resp: 1661

Ion Ratio Lower Upper

276 100

277 30.0 24.2 36.2

138 29.8 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

