

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012316\
 Data File : BM004105.D
 Acq On : 22 Jan 2016 11:40
 Operator : SJ/UM
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 22 13:14:48 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM012216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 22 13:10:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	22844	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	95851	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	55293	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	157520	5.00	ng	0.00
26) Chrysene-d12	21.27	240	162826	5.00	ng	0.00
35) Perylene-d12	23.51	264	155826	5.00	ng	0.00

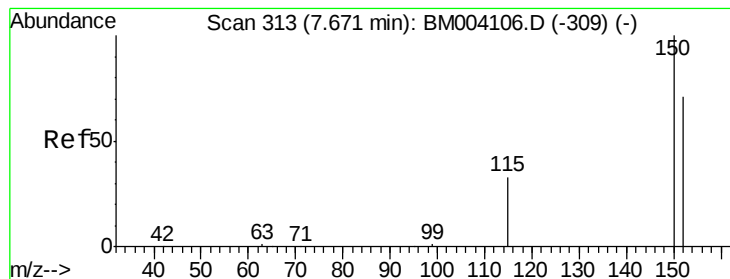
System Monitoring Compounds

4) 2-Fluorophenol	5.27	112	3336	0.71	ng	0.00
5) Phenol-d6	6.85	99	3937	0.69	ng	0.00
8) Nitrobenzene-d5	8.83	82	2906	0.62	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1049	0.82	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	12278	0.69	ng	0.00
29) Terphenyl-d14	19.71	244	14666	0.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	1650	0.75	ng	98
3) n-Nitrosodimethylamine	3.49	42	1451	0.61	ng	99
6) bis(2-Chloroethyl)ether	7.09	93	3723	0.71	ng	98
9) Nitrobenzene	8.87	77	3238	0.64	ng	99
10) Naphthalene	10.49	128	16076	0.77	ng	98
11) Hexachlorobutadiene	10.78	225	2521	0.79	ng	99
12) 2-Methylnaphthalene	12.12	142	10349	0.73	ng	96
16) Acenaphthylene	14.02	152	16374	0.71	ng	100
17) Acenaphthene	14.37	154	12709	0.79	ng	97
18) Fluorene	15.37	166	15990	0.83	ng	99
20) 4-Bromophenyl-phenylether	16.24	248	3696	0.76	ng	# 19
21) Hexachlorobenzene	16.37	284	3734	0.72	ng	# 57
22) Pentachlorophenol	16.73	266	707	0.52	ng	# 81
23) Phenanthrene	17.09	178	23927	0.73	ng	99
24) Anthracene	17.19	178	25192	0.79	ng	98
25) Fluoranthene	19.14	202	30011	0.86	ng	99
27) Benzidine	19.35	184	4778	0.35	ng	# 94
28) Pyrene	19.50	202	32088	0.55	ng	100
30) Benzo(a)anthracene	21.25	228	34466	0.74	ng	# 84
31) 3,3'-Dichlorobenzidine	21.21	252	7289	0.62	ng	94
32) Chrysene	21.31	228	32016	0.67	ng	93
33) Bis(2-ethylhexyl)phthalate	21.19	149	11085	0.54	ng	96
34) Indeno(1,2,3-cd)pyrene	25.76	276	33998	0.99	ng	100
36) Benzo(b)fluoranthene	22.84	252	34108	0.72	ng	99
37) Benzo(k)fluoranthene	22.88	252	30794	0.67	ng	99
38) Benzo(a)pyrene	23.40	252	29726	0.73	ng	96
39) Dibenzo(a,h)anthracene	25.77	278	27054	0.78	ng	99
40) Benzo(g,h,i)perylene	26.44	276	29521	0.81	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.67 min Scan# 313

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

Instrument :

BNA_M

ClientSampled :

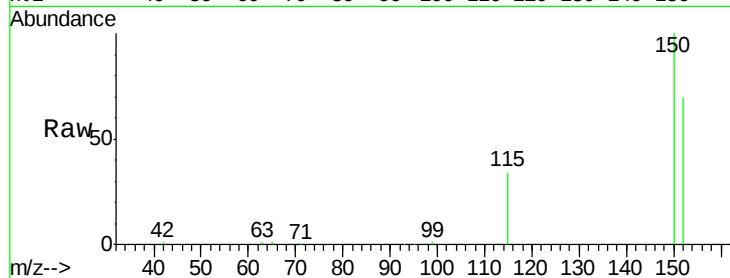
Tot Ion:152 Resp: 22844

Ion Ratio Lower Upper

152 100

150 142.4 122.9 184.3

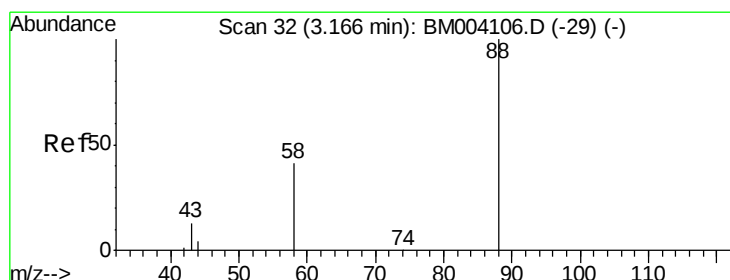
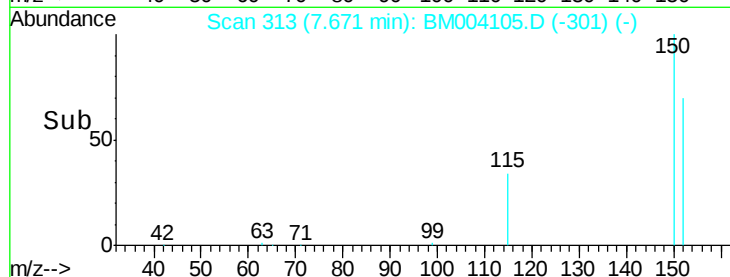
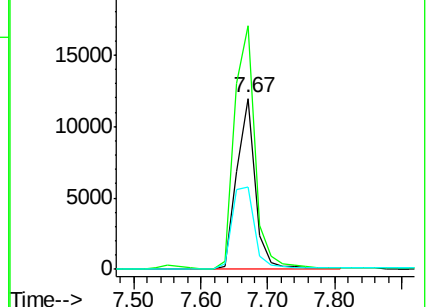
115 48.2 44.4 66.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.75 ng

RT: 3.17 min Scan# 32

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

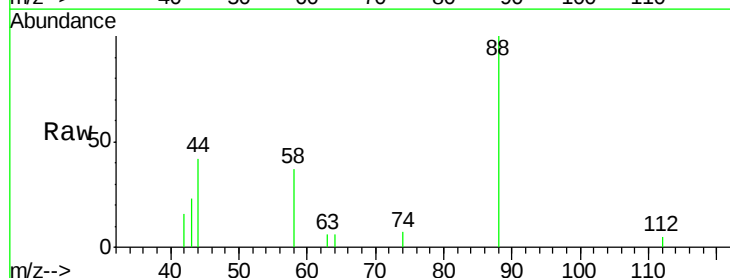
Tgt Ion: 88 Resp: 1650

Ion Ratio Lower Upper

88 100

58 68.2 53.8 80.6

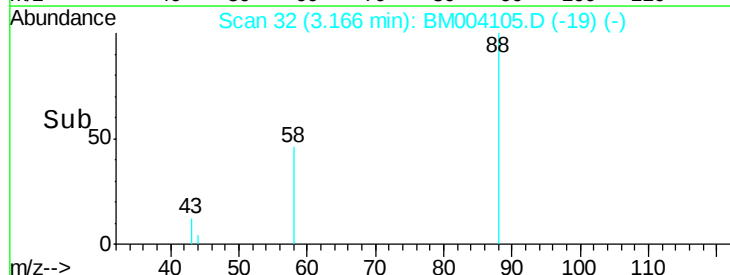
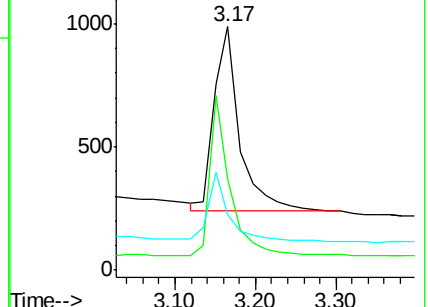
43 30.9 23.8 35.6

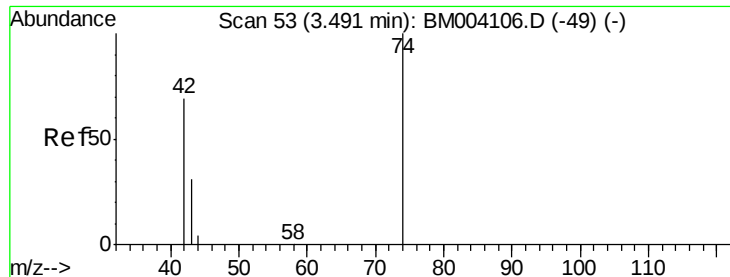


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.61 ng

RT: 3.49 min Scan# 53

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

Instrument :

BNA_M

ClientSampleId :

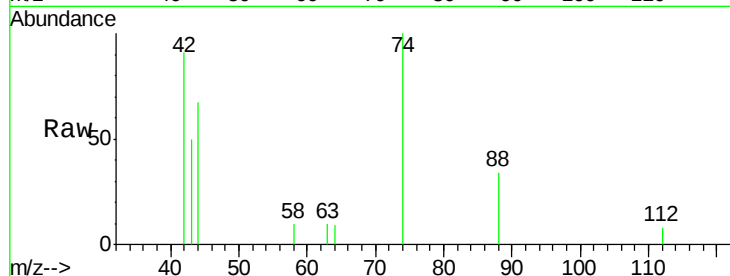
Tot Ion: 42 Resp: 1451

Ion Ratio Lower Upper

42 100

74 120.1 95.0 142.4

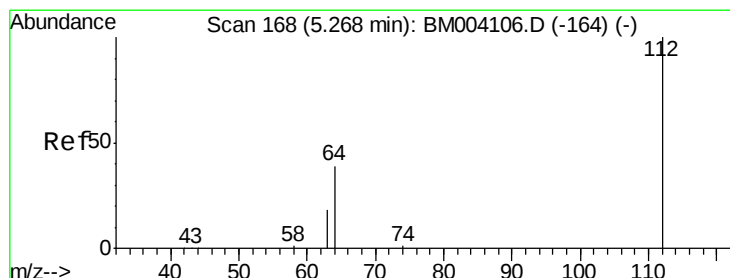
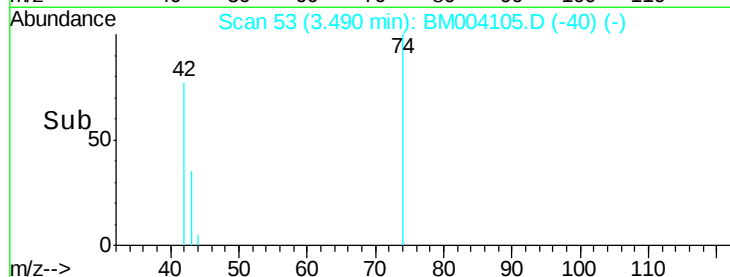
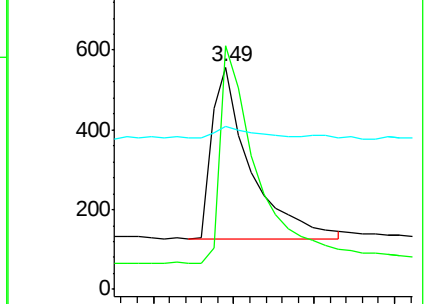
44 6.5 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BM004105.D (-155) (-)

Ion 74.00 (73.70 to 74.70): BM004105.D (-155) (-)

Ion 44.00 (43.70 to 44.70): BM004105.D (-155) (-)



#4

2-Fluorophenol

Concen: 0.71 ng

RT: 5.27 min Scan# 168

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

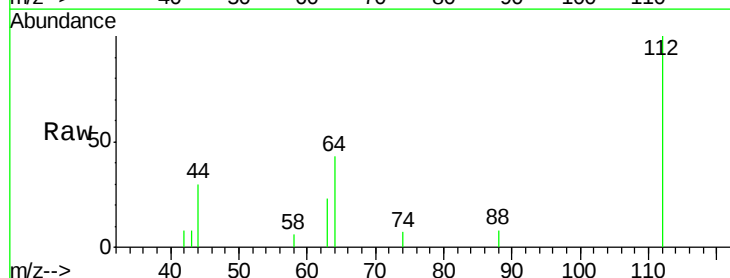
Tgt Ion: 112 Resp: 3336

Ion Ratio Lower Upper

112 100

64 52.5 41.8 62.8

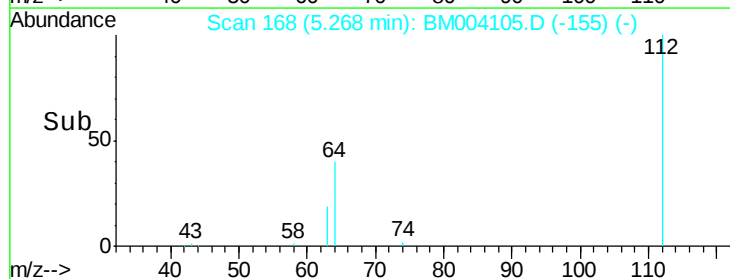
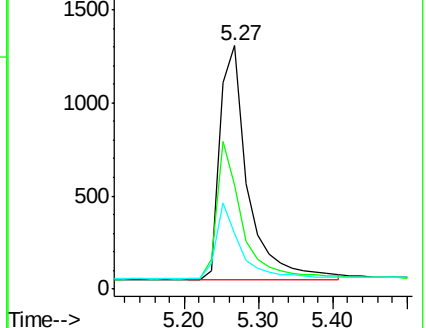
63 27.6 22.1 33.1

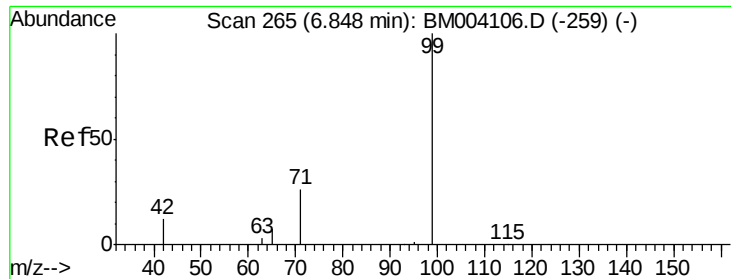


Abundance Ion 112.00 (111.70 to 112.70): BM004105.D (-155) (-)

Ion 64.00 (63.70 to 64.70): BM004105.D (-155) (-)

Ion 63.00 (62.70 to 63.70): BM004105.D (-155) (-)





#5

Phenol-d6

Concen: 0.69 ng

RT: 6.85 min Scan# 265

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

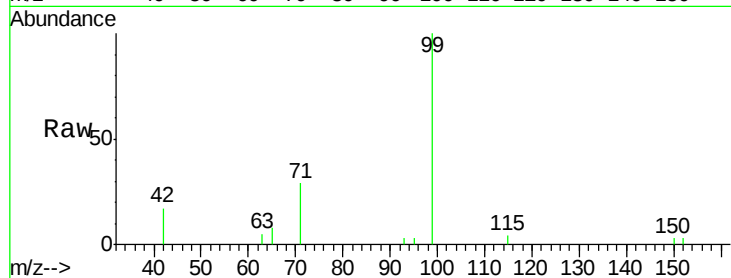
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 3937

Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.2	24.2
71	30.6	24.4	36.6



Abundance

Ion 99.00 (98.70 to 99.70): BM004105.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM004105.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM004105.D (-253) (-)

2500

2000

1500

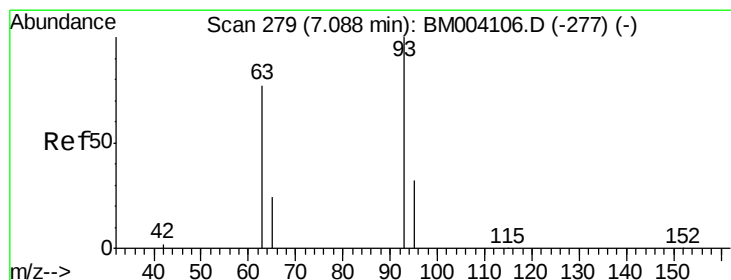
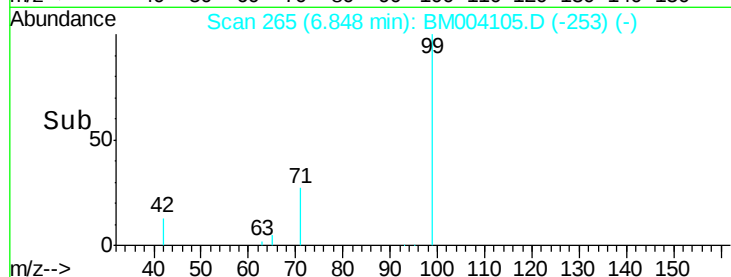
1000

500

0

6.70 6.80 6.90 7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.71 ng

RT: 7.09 min Scan# 279

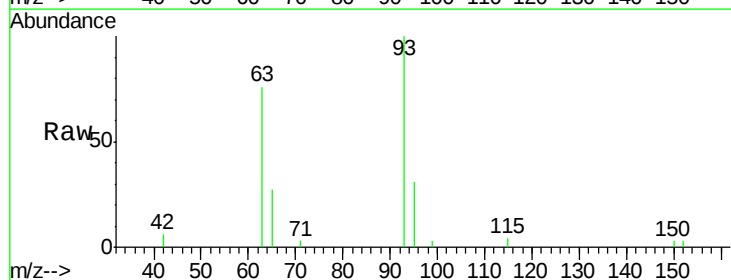
Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

Tgt Ion: 93 Resp: 3723

Ion	Ratio	Lower	Upper
93	100		
63	71.5	58.3	87.5
95	33.6	25.8	38.8



Abundance

Ion 93.00 (92.70 to 93.70): BM004105.D (-267) (-)

Ion 63.00 (62.70 to 63.70): BM004105.D (-267) (-)

Ion 95.00 (94.70 to 95.70): BM004105.D (-267) (-)

2500

2000

1500

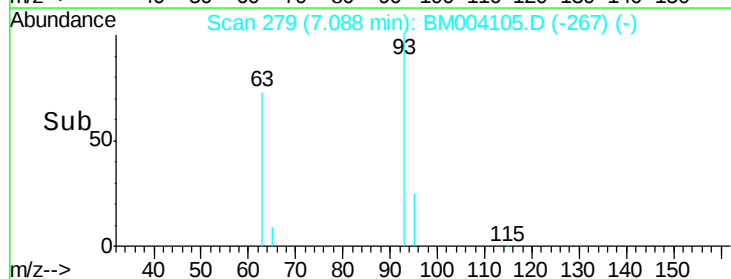
1000

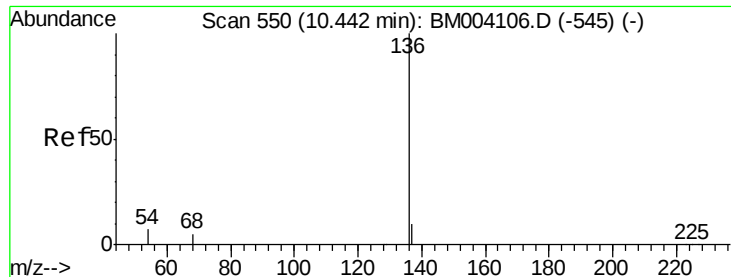
500

0

7.00 7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.00 min

Lab File: BM004105.D

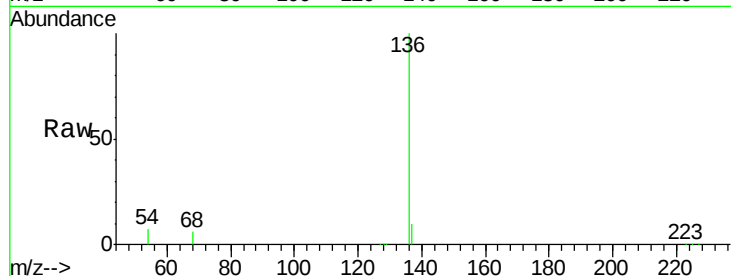
Acq: 22 Jan 2016 11:40

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136	Resp:	95851
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.2 13.8
54	7.4	2.8 4.2#
68	5.6	2.5 3.7#

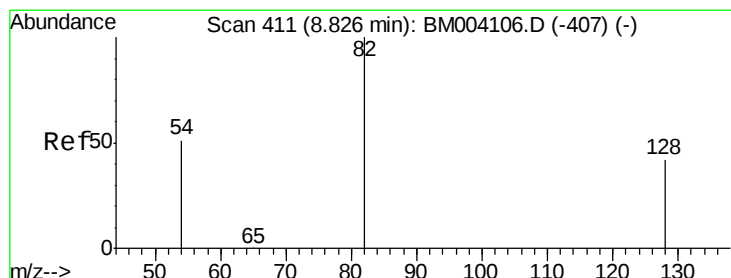
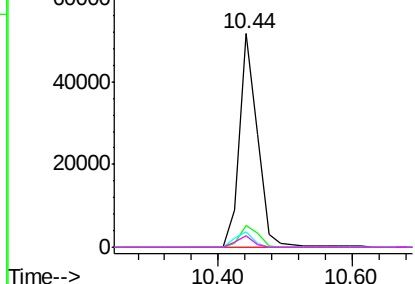
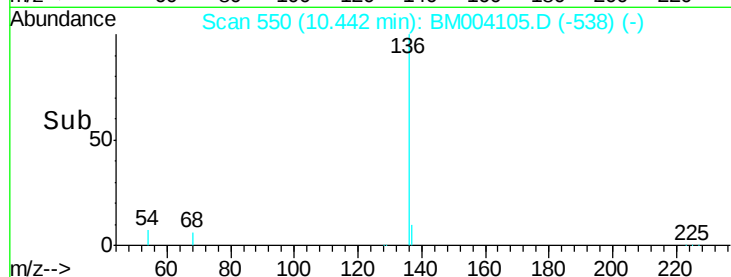


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#8

Nitrobenzene-d5

Concen: 0.62 ng

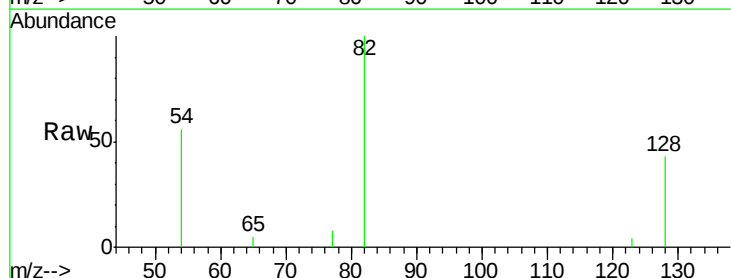
RT: 8.83 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

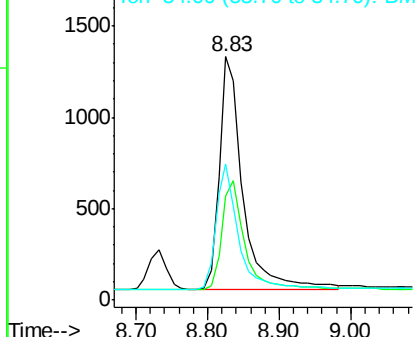
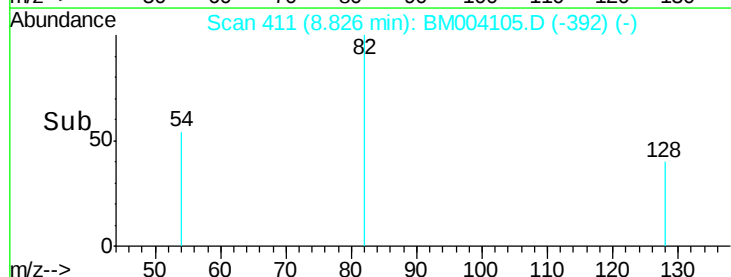
Tgt Ion: 82	Resp:	2906
Ion Ratio	Lower	Upper
82	100	
128	42.6	39.1 58.7
54	56.1	34.8 52.2#

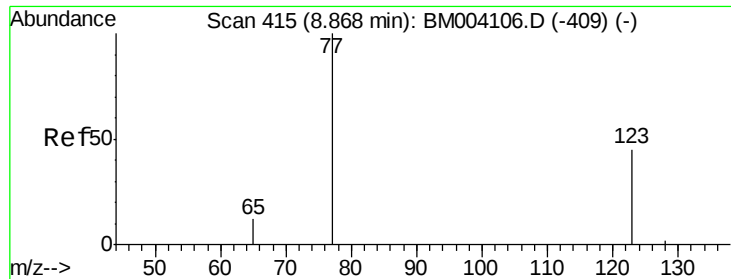


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.64 ng

RT: 8.87 min Scan# 415

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

Instrument :

BNA_M

ClientSampleId :

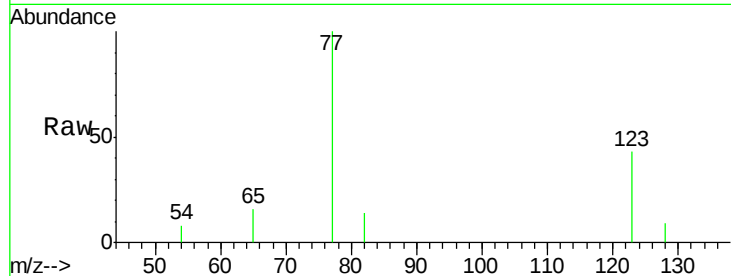
Tot Ion: 77 Resp: 3238

Ion Ratio Lower Upper

77 100

123 48.5 38.6 57.8

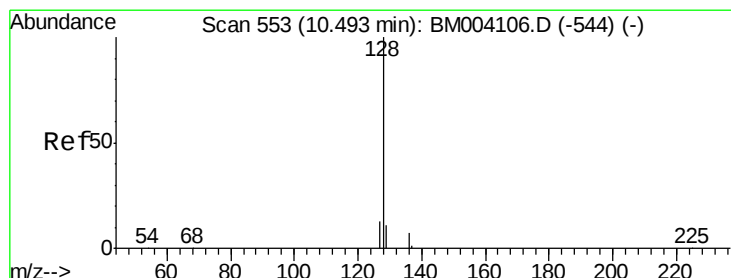
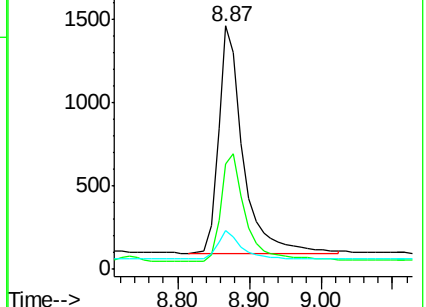
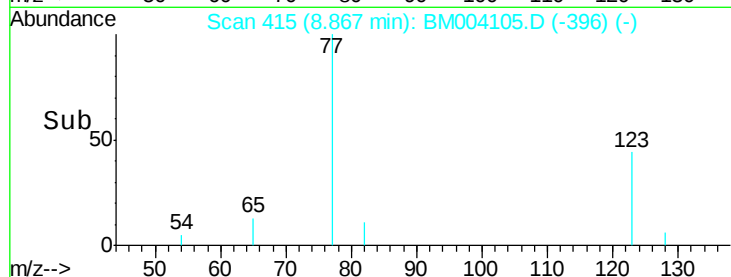
65 12.8 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BM004106.D (-409) (-)

Ion 123.00 (122.70 to 123.70): BM004106.D (-409) (-)

Ion 65.00 (64.70 to 65.70): BM004106.D (-409) (-)



#10

Naphthalene

Concen: 0.77 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

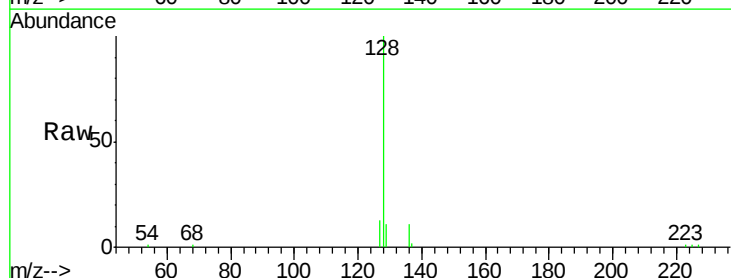
Tgt Ion: 128 Resp: 16076

Ion Ratio Lower Upper

128 100

129 11.4 8.5 12.7

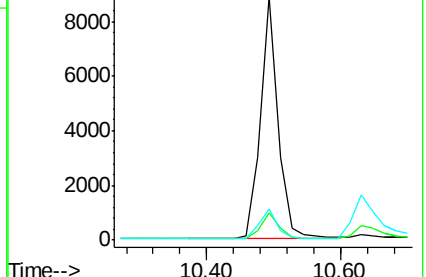
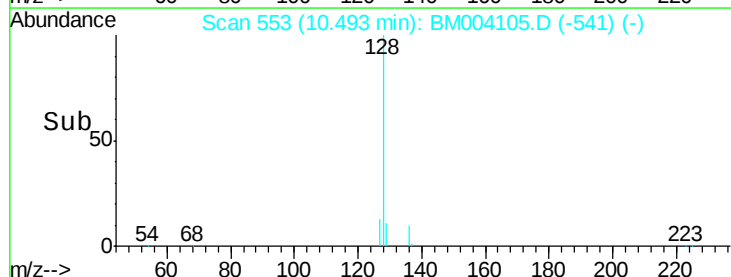
127 13.0 11.0 16.4

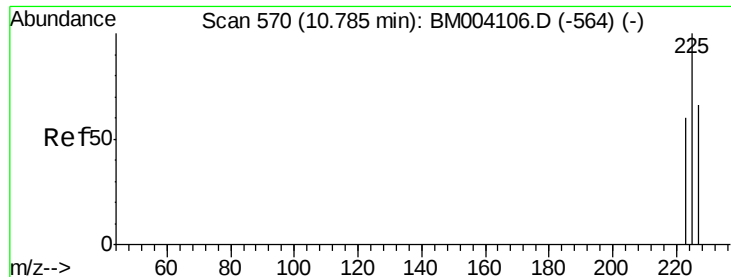


Abundance Ion 128.00 (127.70 to 128.70): BM004106.D (-544) (-)

Ion 129.00 (128.70 to 129.70): BM004106.D (-544) (-)

Ion 127.00 (126.70 to 127.70): BM004106.D (-544) (-)

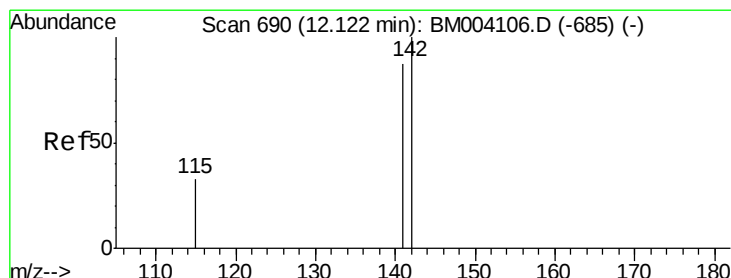
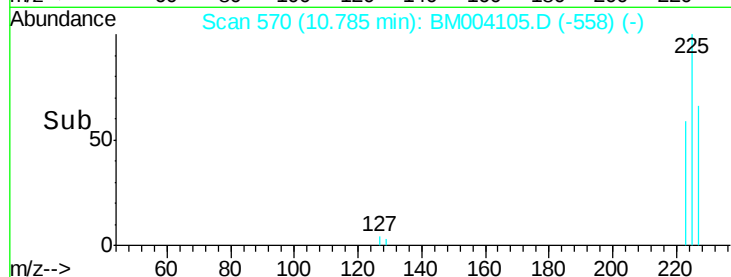
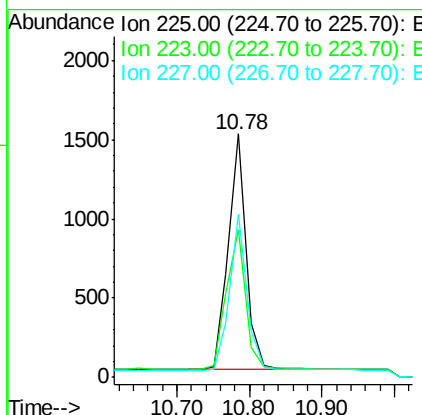
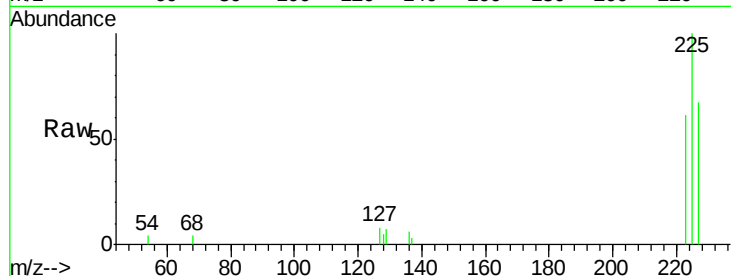




#11
Hexachlorobutadiene
Concen: 0.79 ng
RT: 10.78 min Scan# 570
Delta R.T. -0.00 min
Lab File: BM004105.D
Acq: 22 Jan 2016 11:40

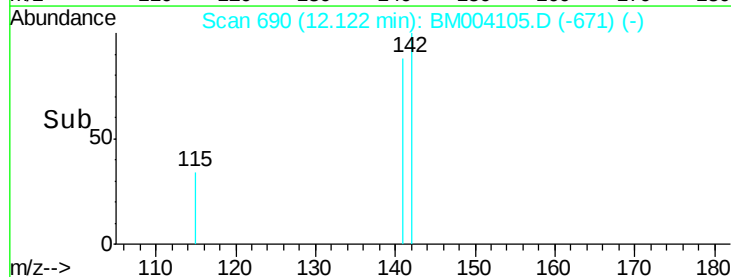
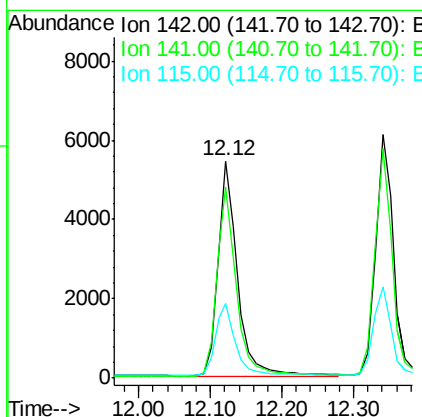
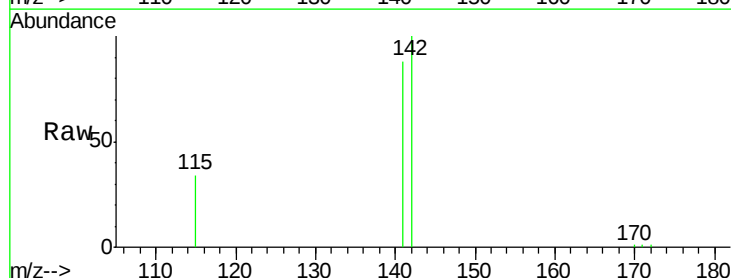
Instrument :
BNA_M
ClientSampleId :

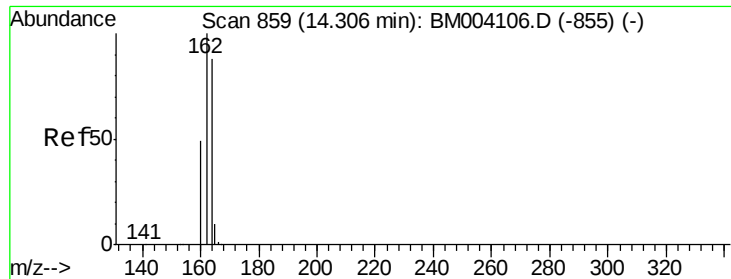
Tot Ion:225 Resp: 2521
Ion Ratio Lower Upper
225 100
223 62.8 50.9 76.3
227 63.7 51.2 76.8



#12
2-Methylnaphthalene
Concen: 0.73 ng
RT: 12.12 min Scan# 690
Delta R.T. -0.00 min
Lab File: BM004105.D
Acq: 22 Jan 2016 11:40

Tgt Ion:142 Resp: 10349
Ion Ratio Lower Upper
142 100
141 88.0 67.8 101.8
115 34.4 25.3 37.9





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.31 min Scan# 859

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

Instrument :

BNA_M

ClientSampleId :

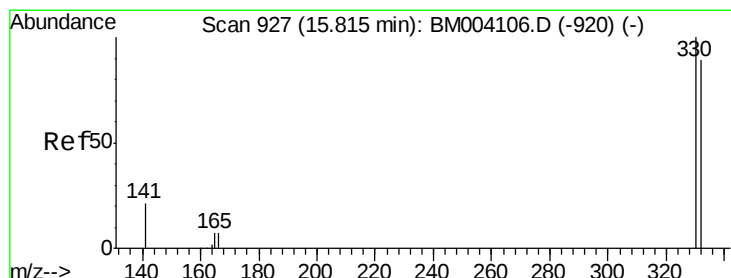
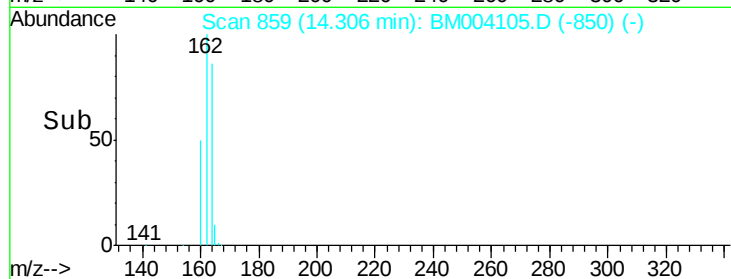
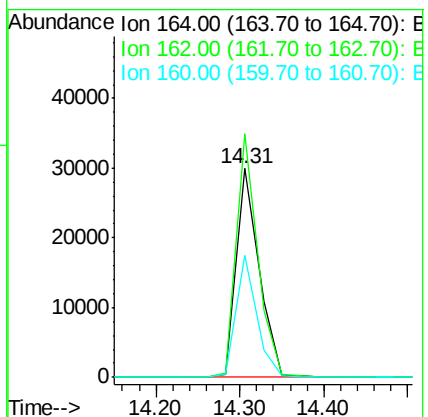
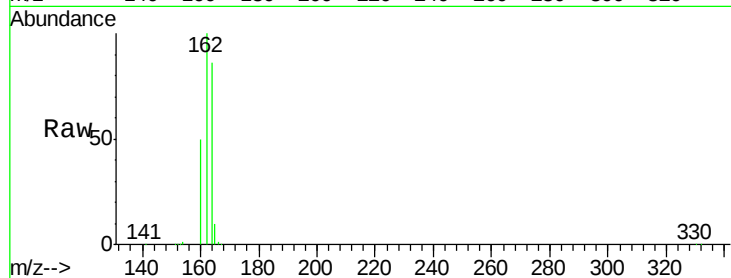
Tot Ion:164 Resp: 55293

Ion Ratio Lower Upper

164 100

162 116.7 86.0 129.0

160 58.2 40.3 60.5



#14

2,4,6-Tribromophenol

Concen: 0.82 ng

RT: 15.81 min Scan# 927

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

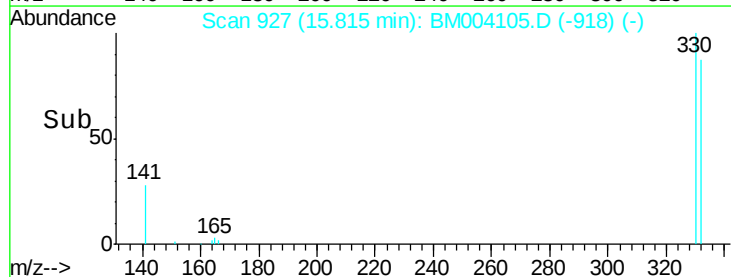
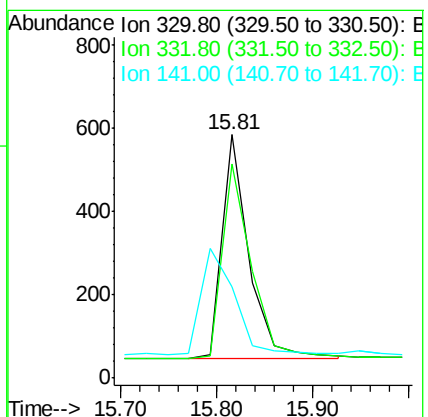
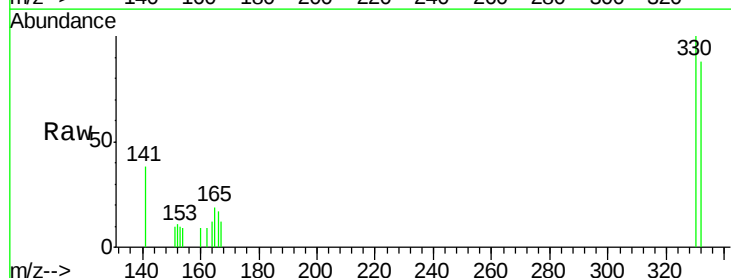
Tgt Ion:330 Resp: 1049

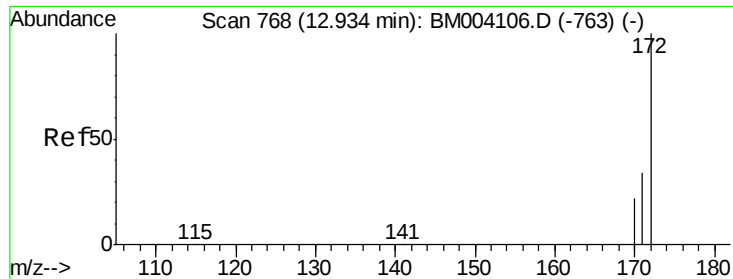
Ion Ratio Lower Upper

330 100

332 94.9 79.0 118.4

141 0.0 27.8 41.6#

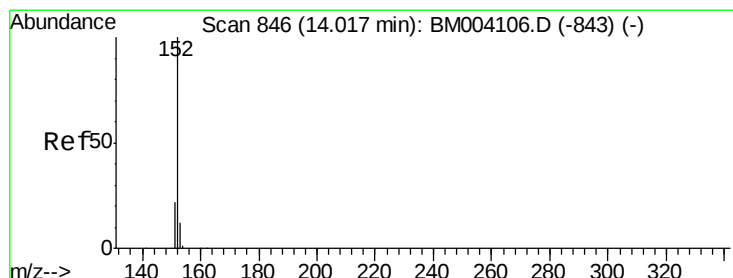
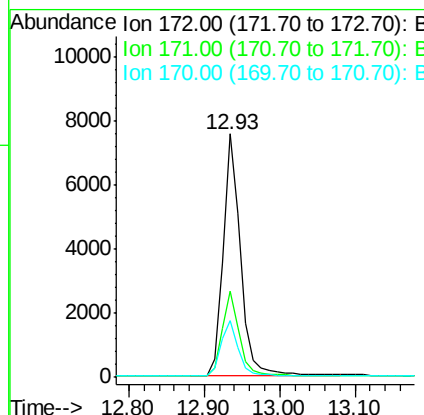
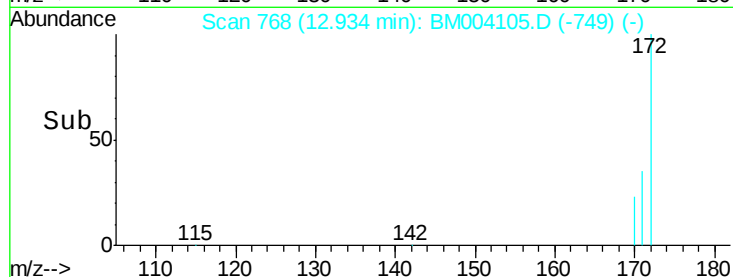
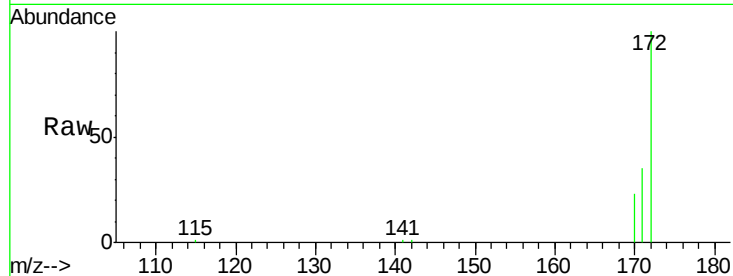




#15
2-Fluorobiphenyl
Concen: 0.69 ng
RT: 12.93 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM004105.D
Acq: 22 Jan 2016 11:40

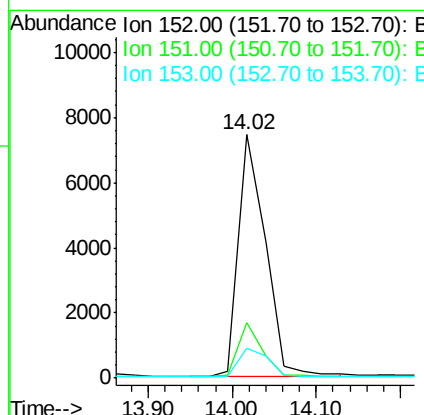
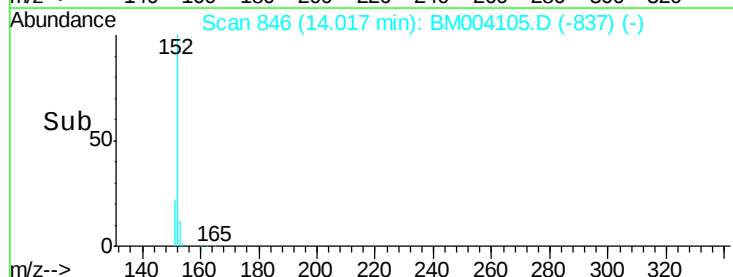
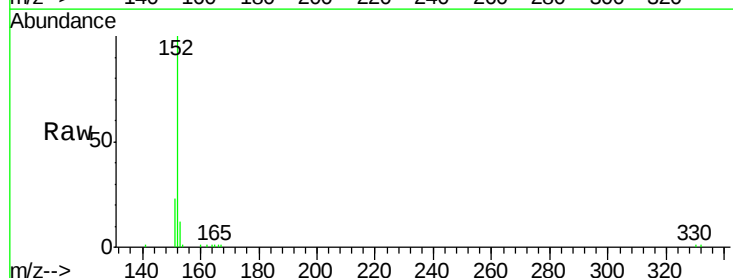
Instrument :
BNA_M
ClientSampleId :

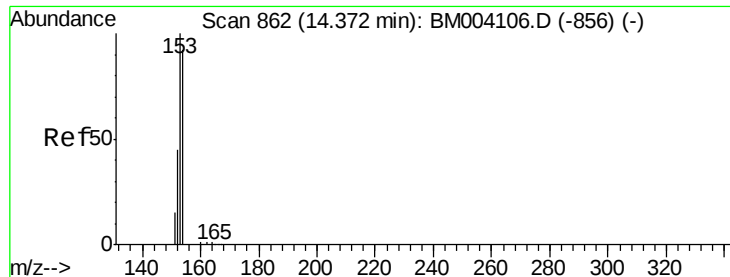
Tot Ion:172 Resp: 12278
Ion Ratio Lower Upper
172 100
171 35.3 27.0 40.6
170 23.5 17.9 26.9



#16
Acenaphthylene
Concen: 0.71 ng
RT: 14.02 min Scan# 846
Delta R.T. -0.00 min
Lab File: BM004105.D
Acq: 22 Jan 2016 11:40

Tgt Ion:152 Resp: 16374
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 12.9 10.2 15.4

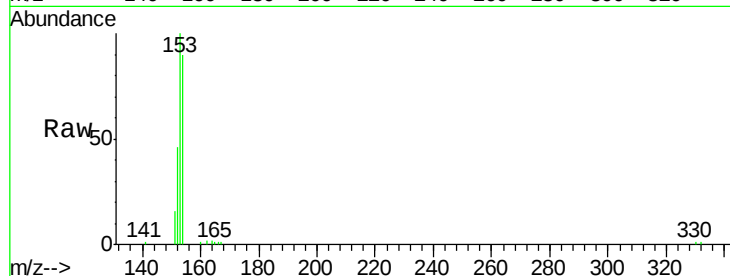




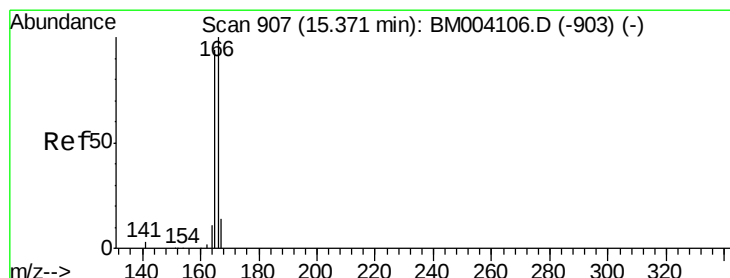
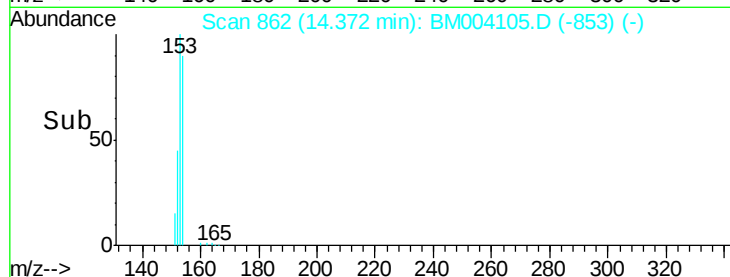
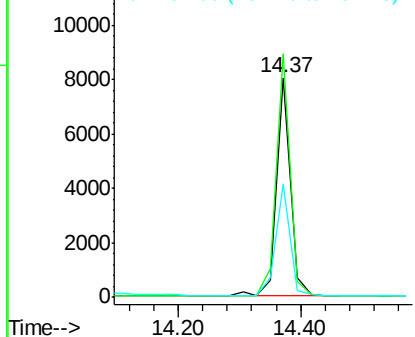
#17
Acenaphthene
Concen: 0.79 ng
RT: 14.37 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM004105.D
Acq: 22 Jan 2016 11:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:154 Resp: 12709
Ion Ratio Lower Upper
154 100
153 110.5 85.4 128.2
152 52.2 40.6 60.8

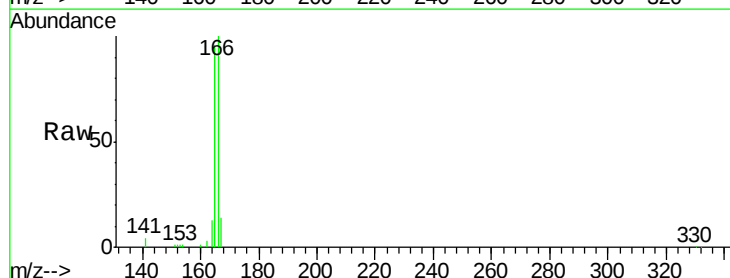


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

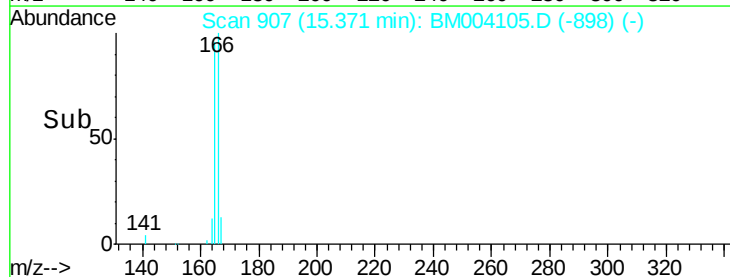
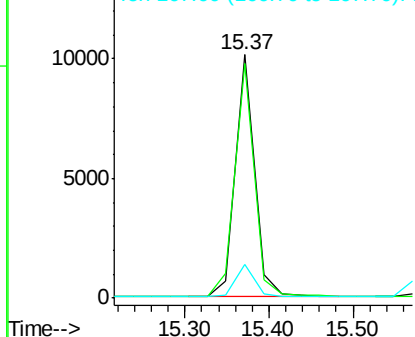


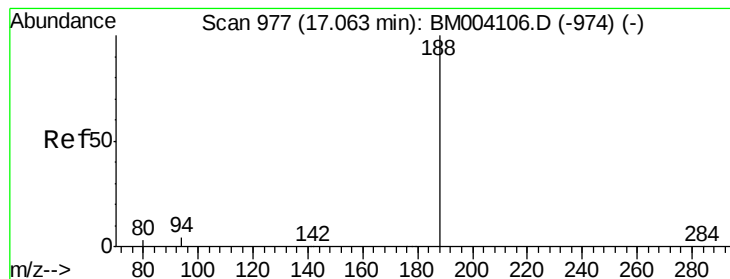
#18
Fluorene
Concen: 0.83 ng
RT: 15.37 min Scan# 907
Delta R.T. -0.00 min
Lab File: BM004105.D
Acq: 22 Jan 2016 11:40

Tgt Ion:166 Resp: 15990
Ion Ratio Lower Upper
166 100
165 97.6 77.2 115.8
167 13.3 11.0 16.6



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: 17.06 min Scan# 977

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

Instrument :

BNA_M

ClientSampleId :

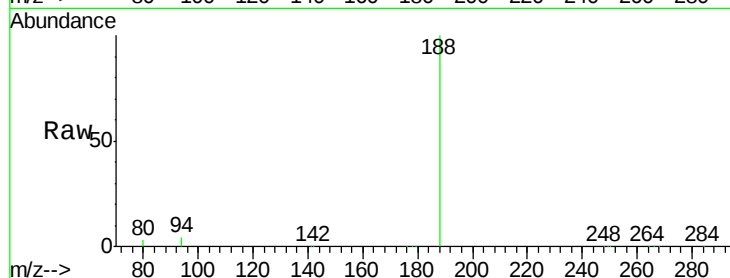
Tot Ion:188 Resp: 157520

Ion Ratio Lower Upper

188 100

94 4.2 20.3 30.5#

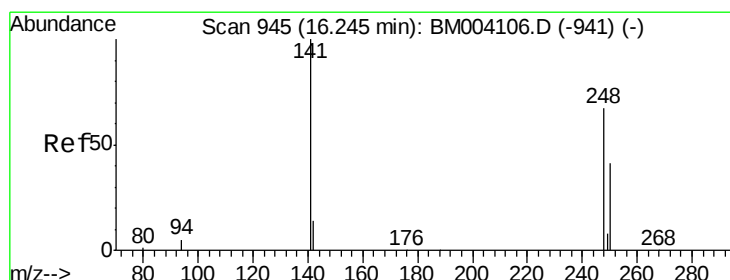
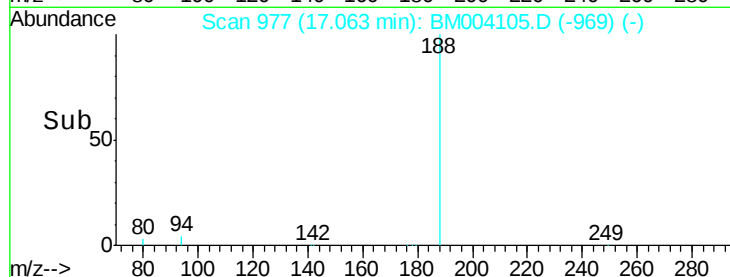
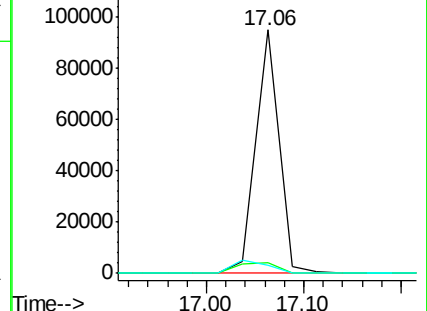
80 3.5 22.2 33.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#20

4-Bromophenyl-phenylether

Concen: 0.76 ng

RT: 16.24 min Scan# 945

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

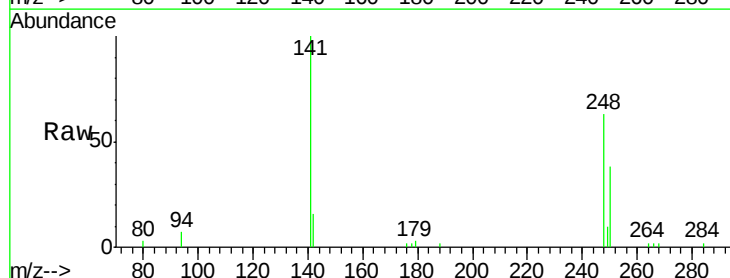
Tgt Ion:248 Resp: 3696

Ion Ratio Lower Upper

248 100

250 0.0 75.0 112.4#

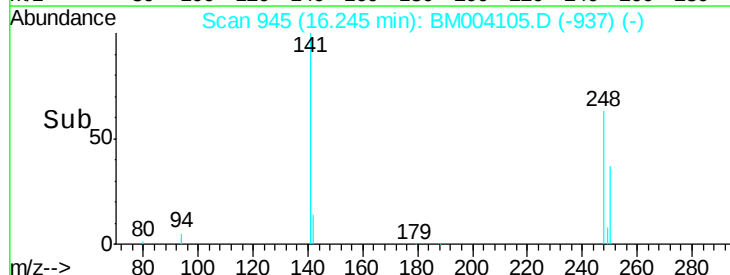
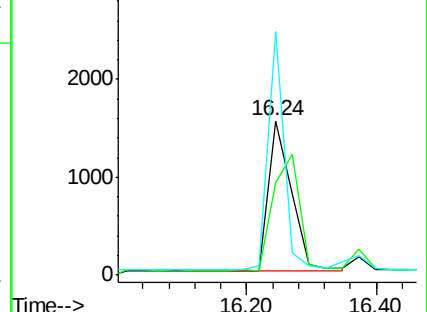
141 112.2 53.0 79.4#

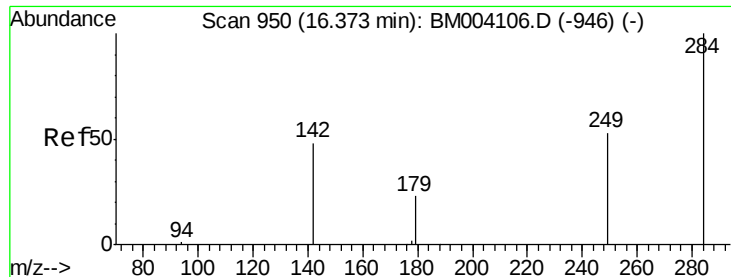


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

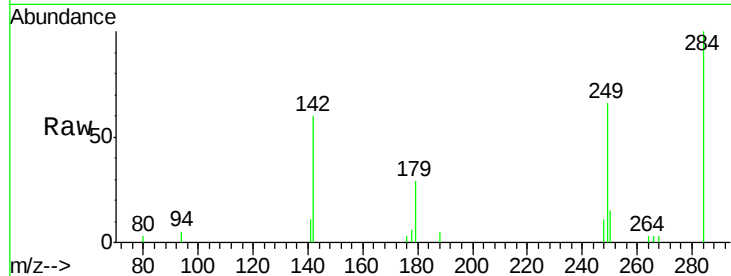




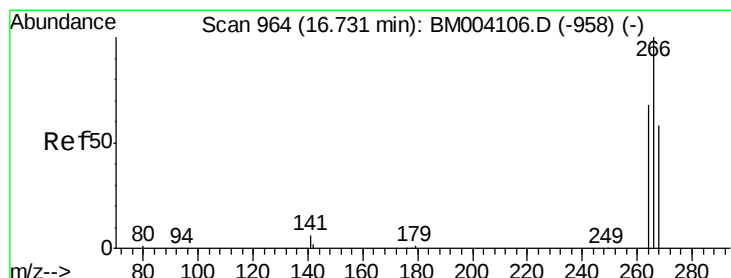
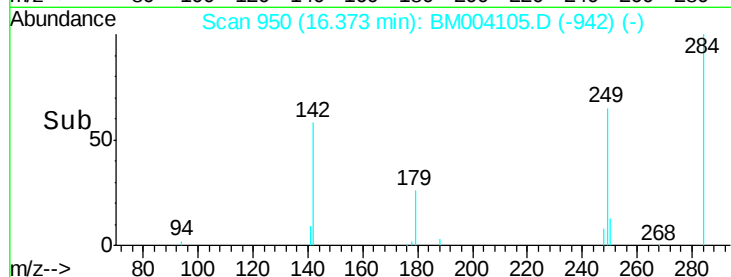
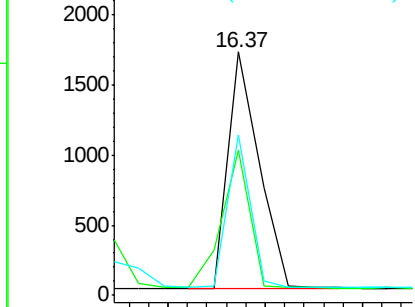
#21
Hexachlorobenzene
Concen: 0.72 ng
RT: 16.37 min Scan# 950
Delta R.T. -0.00 min
Lab File: BM004105.D
Acq: 22 Jan 2016 11:40

Instrument :
BNA_M
ClientSampled :

Tot Ion:284 Resp: 3734
Ion Ratio Lower Upper
284 100
142 52.1 22.2 33.4#
249 47.3 21.5 32.3#

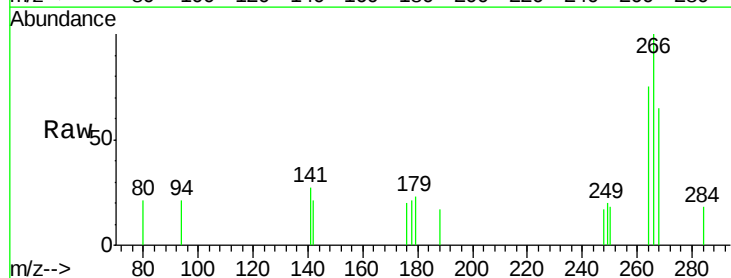


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

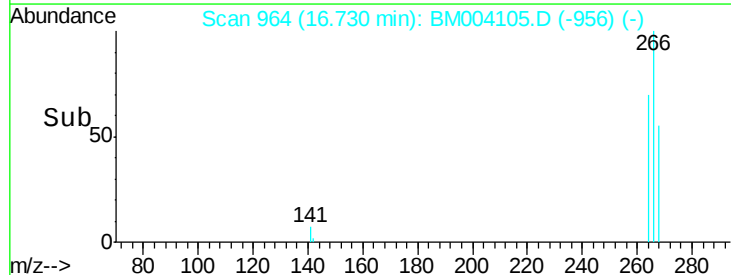
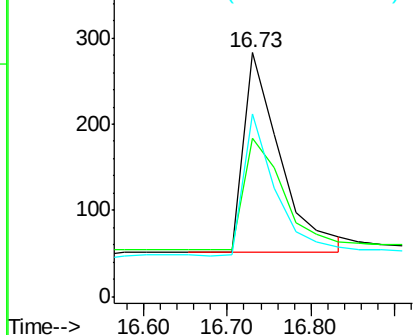


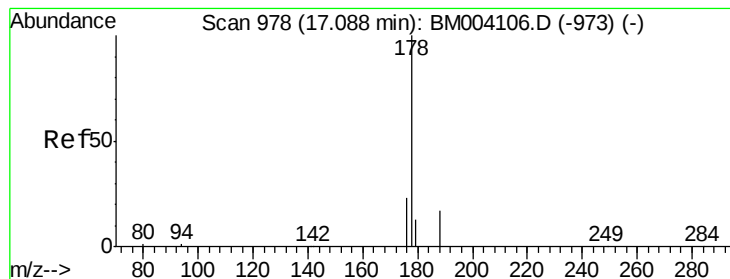
#22
Pentachlorophenol
Concen: 0.52 ng
RT: 16.73 min Scan# 964
Delta R.T. -0.00 min
Lab File: BM004105.D
Acq: 22 Jan 2016 11:40

Tgt Ion:266 Resp: 707
Ion Ratio Lower Upper
266 100
268 64.7 62.7 94.1
264 74.9 45.7 68.5#



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





#23

Phenanthrene

Concen: 0.73 ng

RT: 17.09 min Scan# 978

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

Instrument :

BNA_M

ClientSampleId :

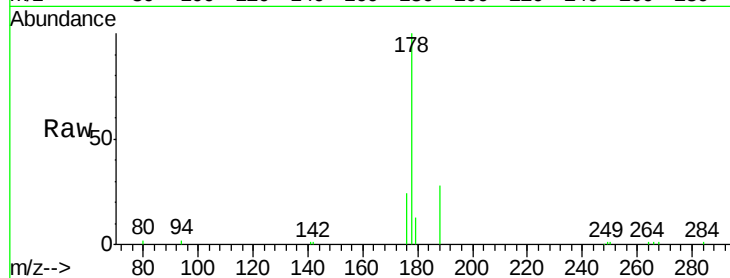
Tot Ion:178 Resp: 23927

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.0

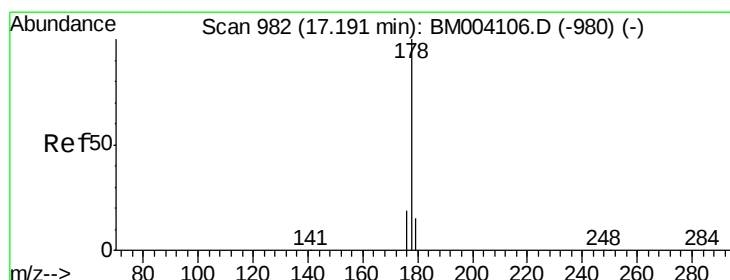
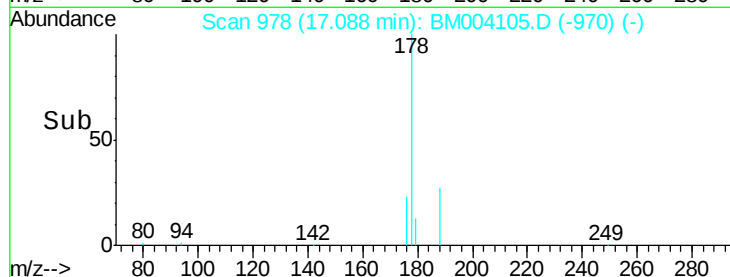
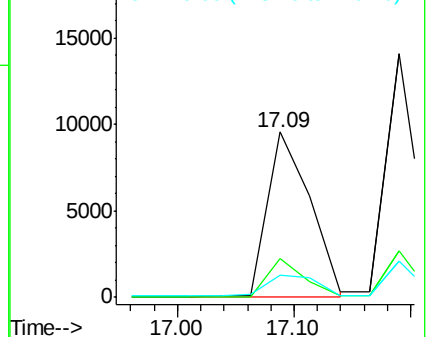
179 15.7 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.79 ng

RT: 17.19 min Scan# 982

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

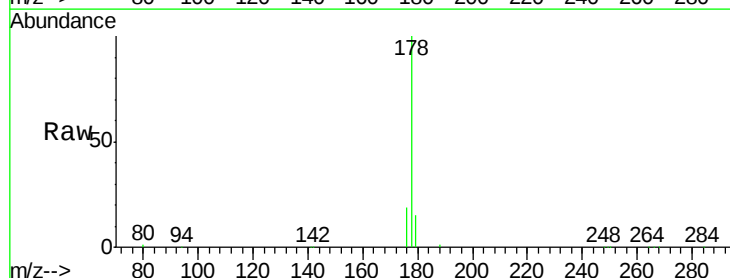
Tgt Ion:178 Resp: 25192

Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

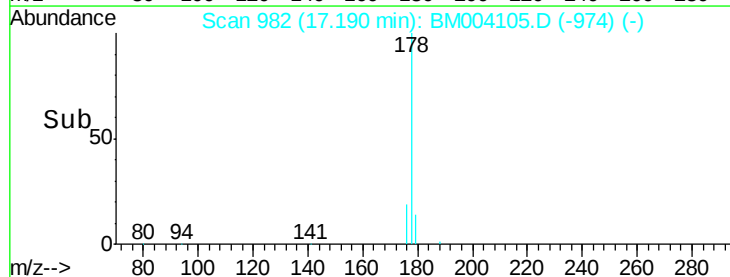
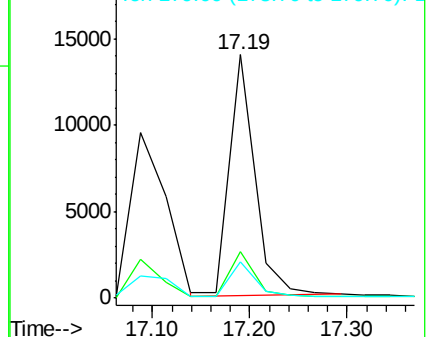
179 14.7 12.6 19.0

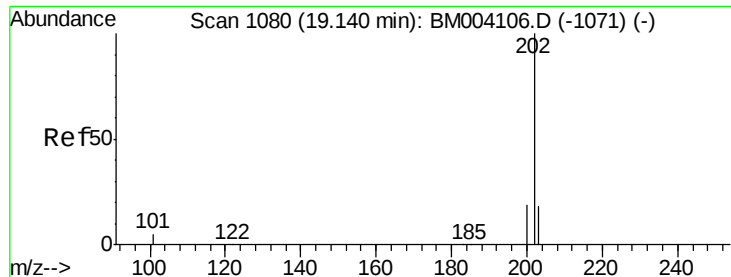


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.86 ng

RT: 19.14 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

Instrument :

BNA_M

ClientSampled :

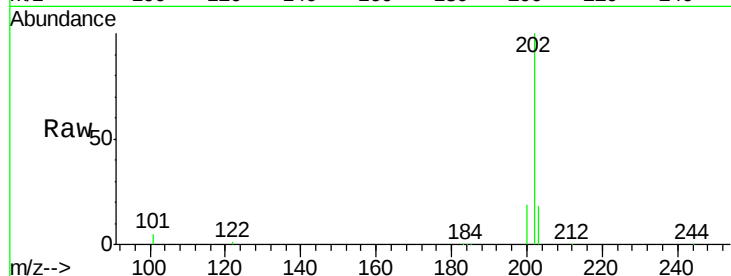
Tot Ion:202 Resp: 30011

Ion Ratio Lower Upper

202 100

101 11.6 9.7 14.5

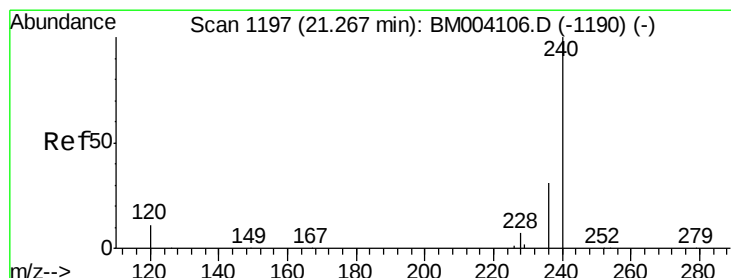
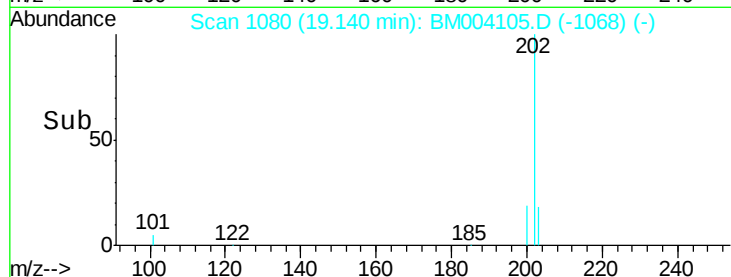
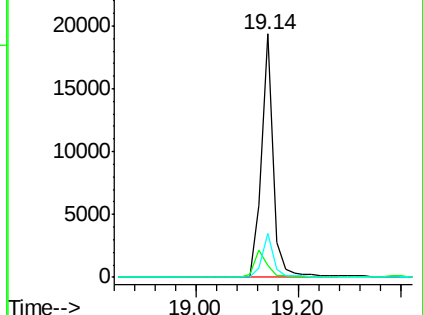
203 17.2 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.27 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

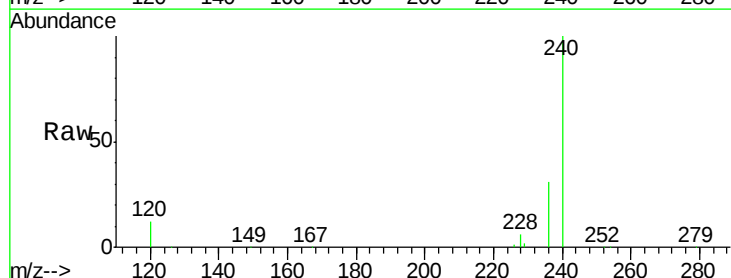
Tgt Ion:240 Resp: 162826

Ion Ratio Lower Upper

240 100

120 12.2 0.9 1.3#

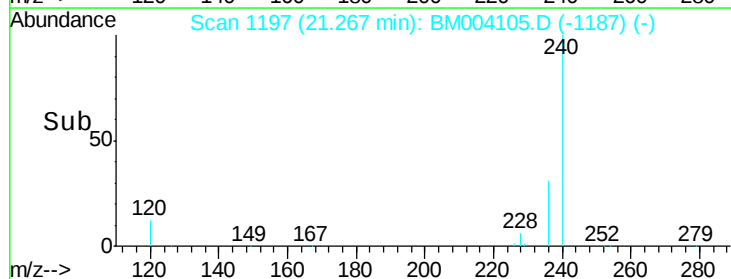
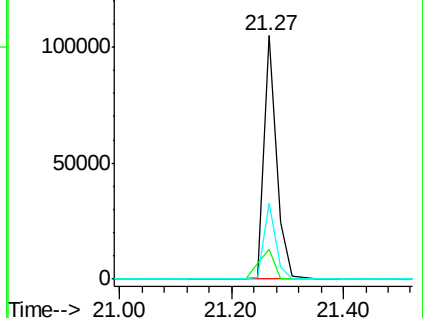
236 31.3 17.3 25.9#

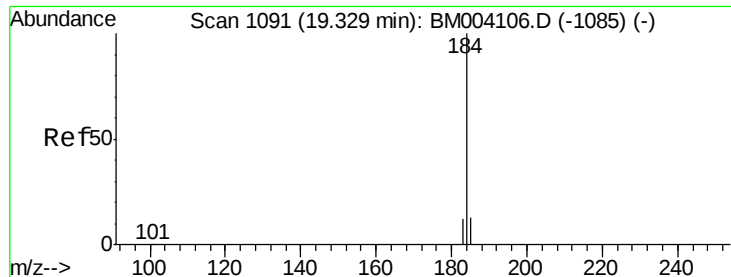


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.35 ng

RT: 19.35 min Scan# 1092

Delta R.T. 0.02 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

Instrument :

BNA_M

ClientSampleId :

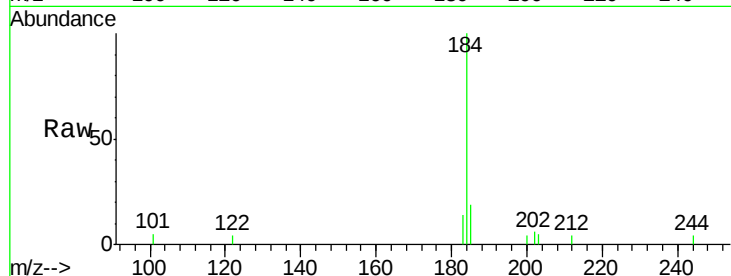
Tot Ion:184 Resp: 4778

Ion Ratio Lower Upper

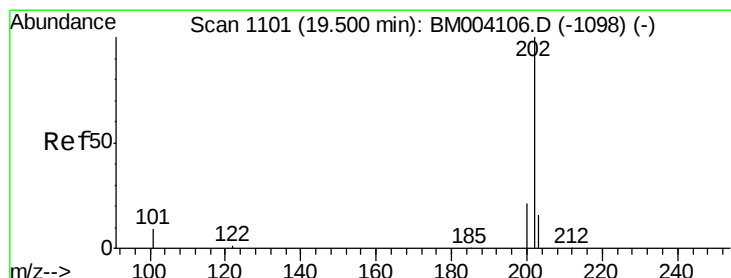
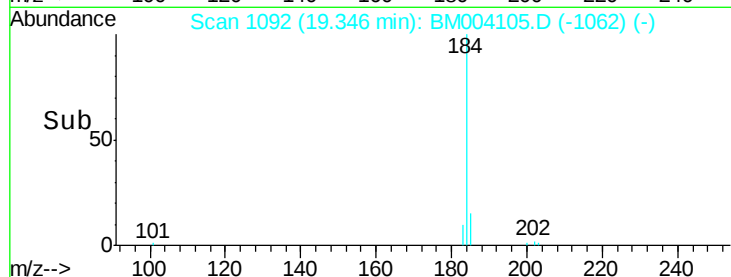
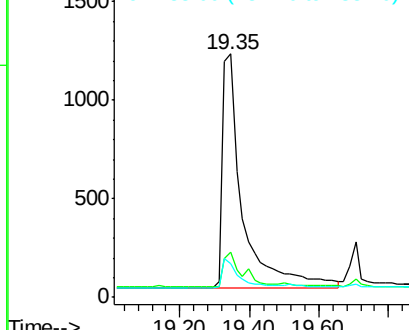
184 100

185 18.5 13.2 19.8

183 14.0 9.0 13.6#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 0.55 ng

RT: 19.50 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

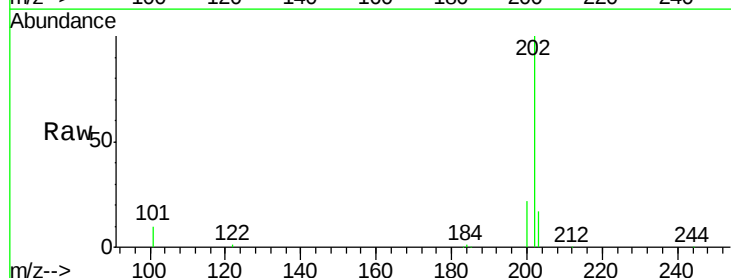
Tgt Ion:202 Resp: 32088

Ion Ratio Lower Upper

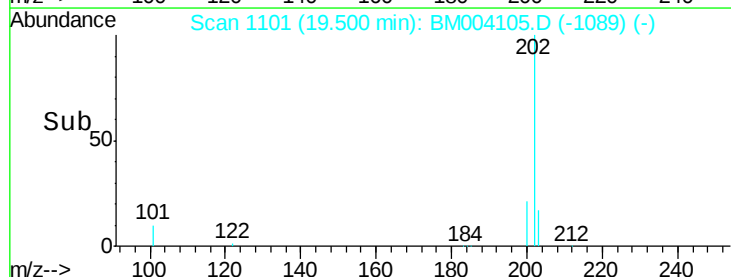
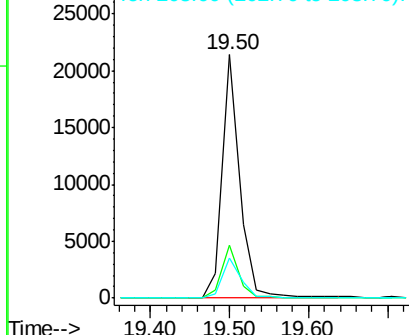
202 100

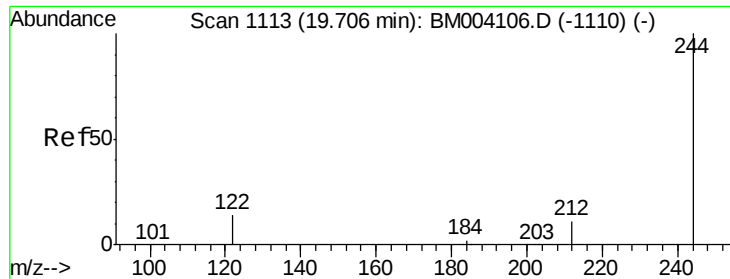
200 20.9 16.6 24.8

203 17.5 14.0 21.0



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





#29

Terphenyl-d14

Concen: 0.56 ng

RT: 19.71 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

Instrument :

BNA_M

ClientSampleId :

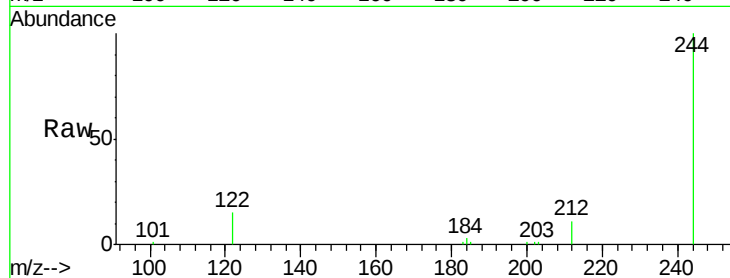
Tot Ion:244 Resp: 14666

Ion Ratio Lower Upper

244 100

212 10.8 7.0 10.6#

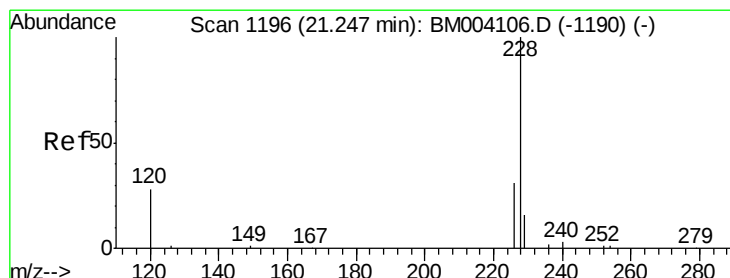
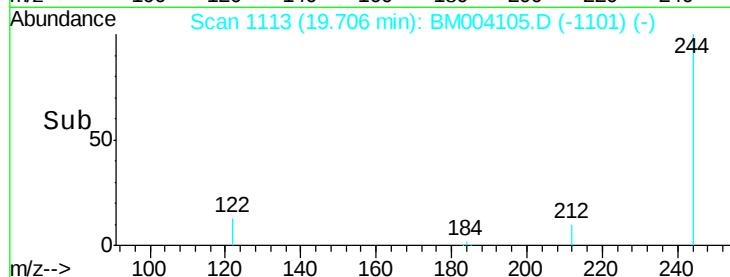
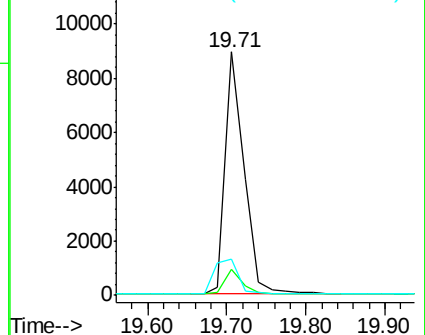
122 14.7 3.0 4.6#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.74 ng

RT: 21.25 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

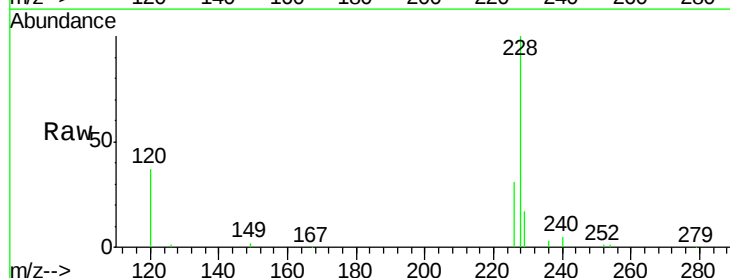
Tgt Ion:228 Resp: 34466

Ion Ratio Lower Upper

228 100

226 31.1 17.2 25.8#

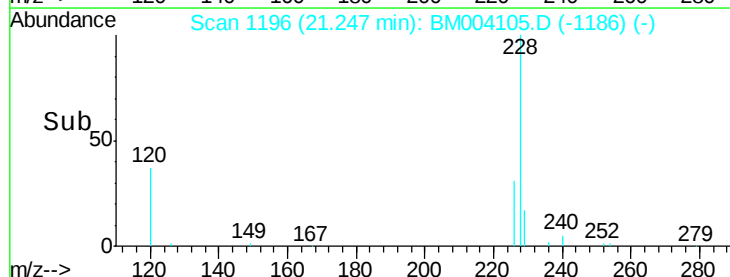
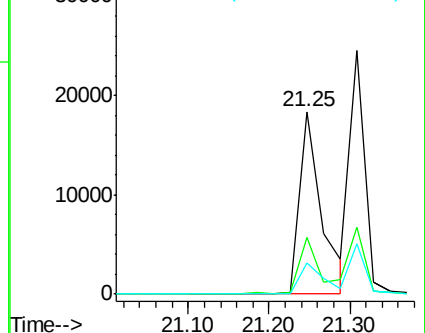
229 17.1 18.7 28.1#

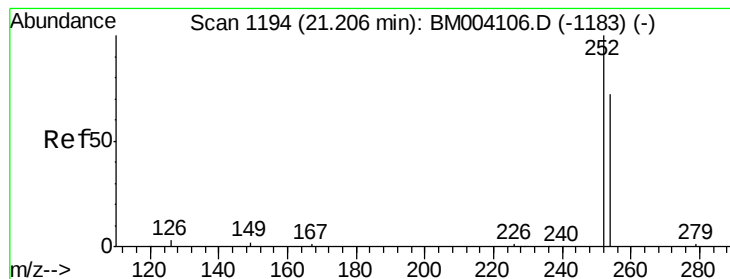


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.62 ng

RT: 21.21 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

Instrument :

BNA_M

ClientSampleId :

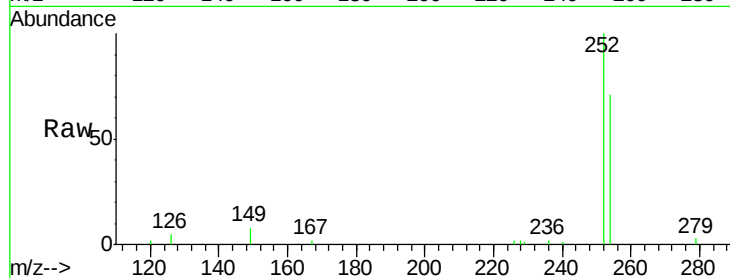
Tot Ion:252 Resp: 7289

Ion	Ratio	Lower	Upper
252	100		
254	70.6	52.6	79.0
126	5.3	3.7	5.5

252 100

254 70.6 52.6 79.0

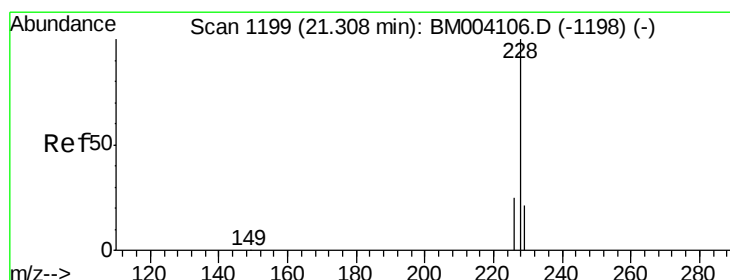
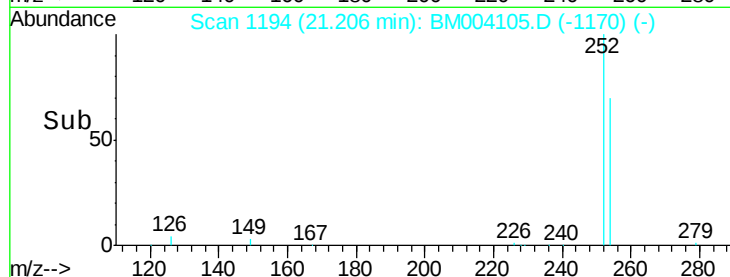
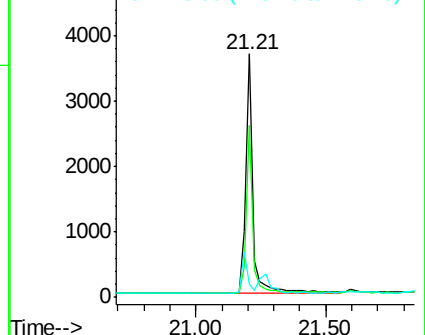
126 5.3 3.7 5.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#32

Chrysene

Concen: 0.67 ng

RT: 21.31 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

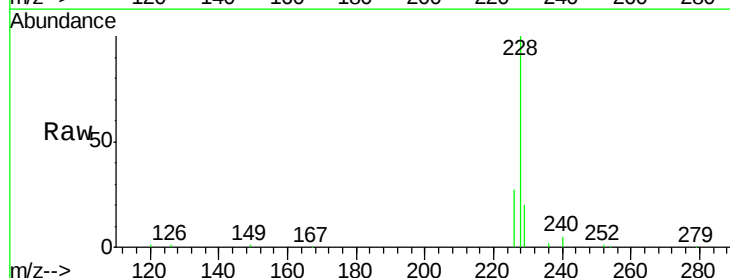
Tgt Ion:228 Resp: 32016

Ion	Ratio	Lower	Upper
228	100		
226	27.3	25.3	37.9
229	20.5	14.5	21.7

228 100

226 27.3 25.3 37.9

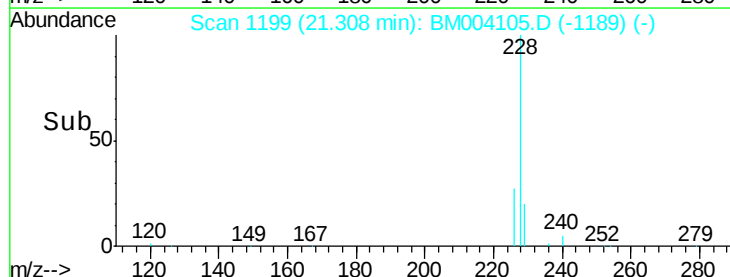
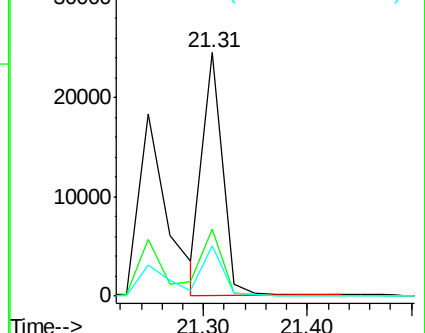
229 20.5 14.5 21.7

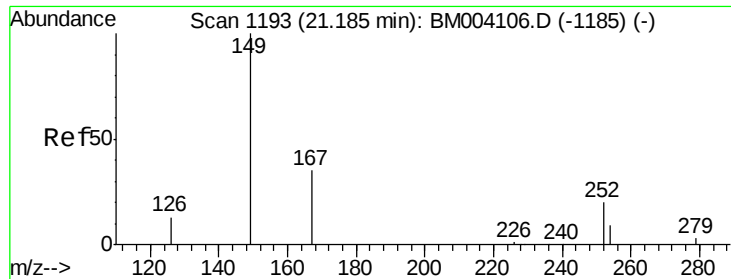


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

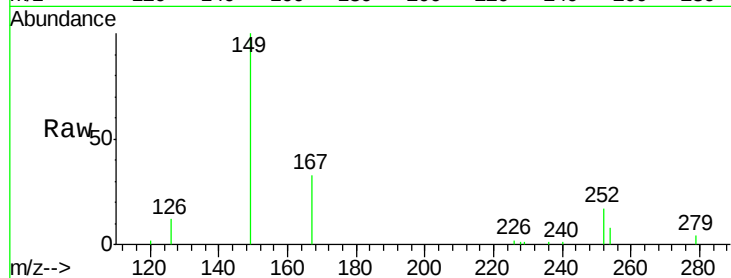




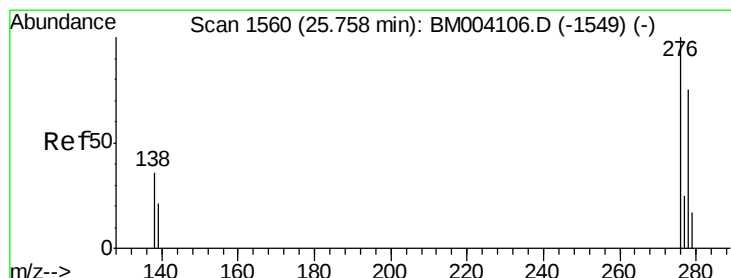
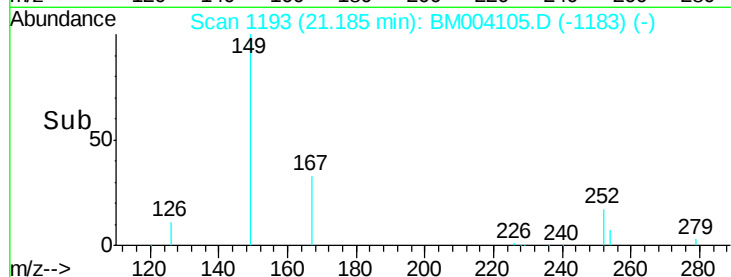
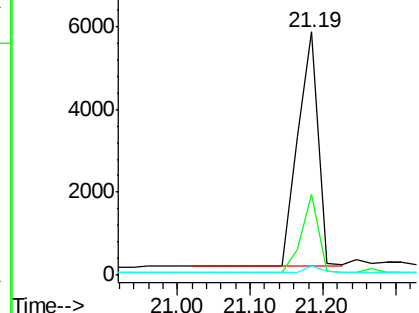
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.54 ng
 RT: 21.19 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BM004105.D
 Acq: 22 Jan 2016 11:40

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:149 Resp: 11085
 Ion Ratio Lower Upper
 149 100
 167 27.4 20.1 30.1
 279 2.3 1.8 2.6

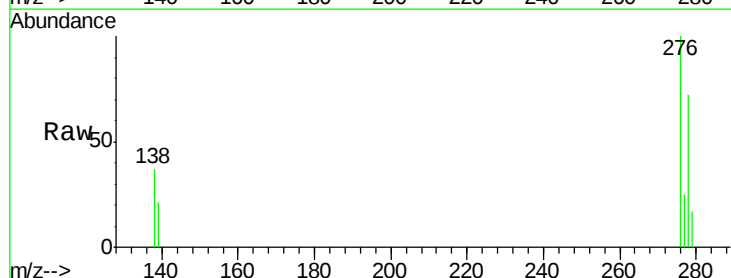


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

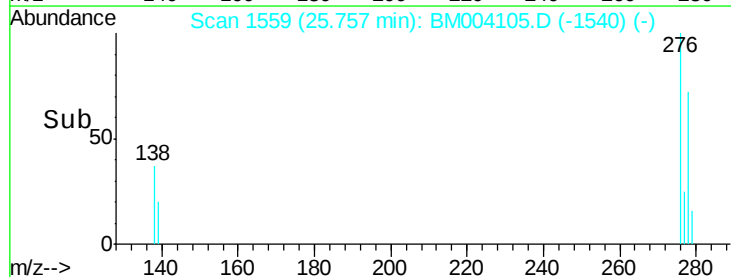
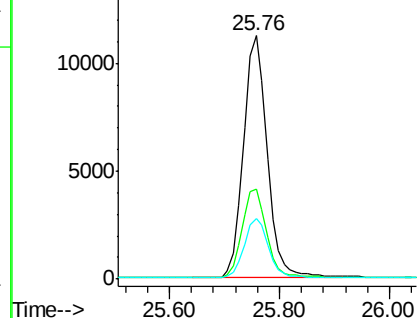


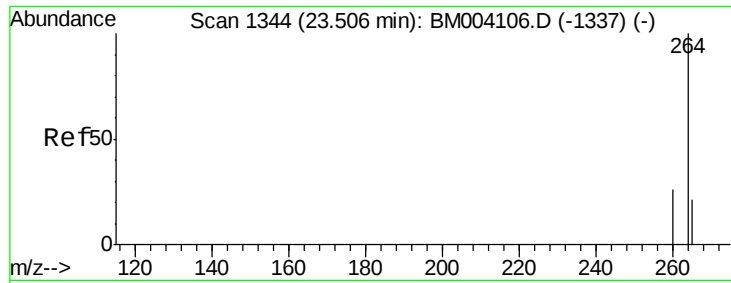
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.99 ng
 RT: 25.76 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: BM004105.D
 Acq: 22 Jan 2016 11:40

Tgt Ion:276 Resp: 33998
 Ion Ratio Lower Upper
 276 100
 138 37.7 30.2 45.2
 277 24.8 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

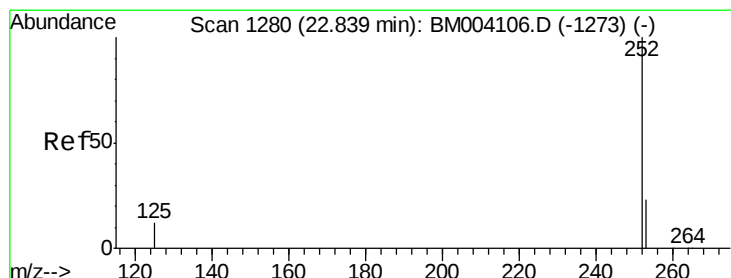
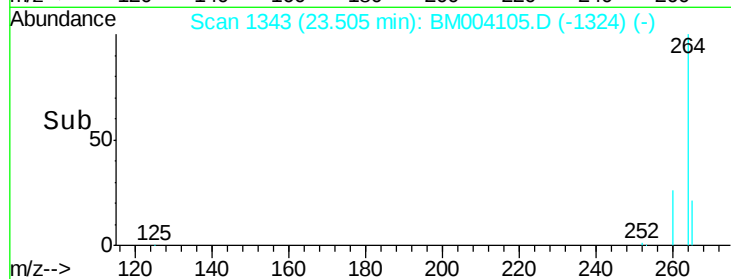
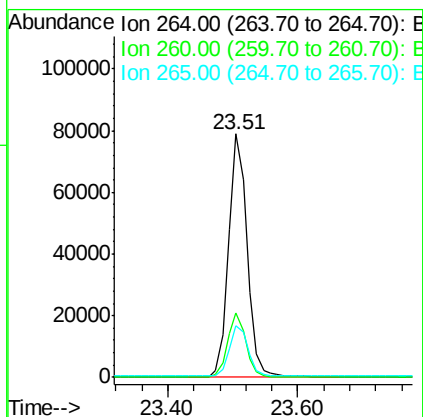
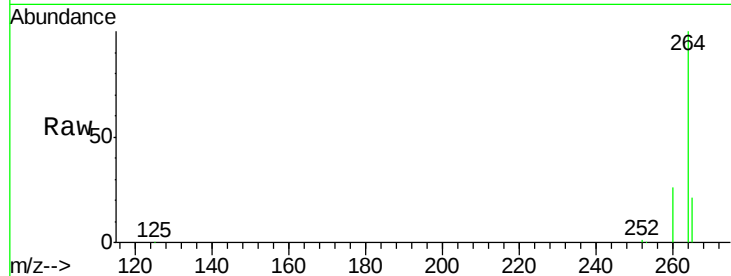




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BM004105.D
 Acq: 22 Jan 2016 11:40

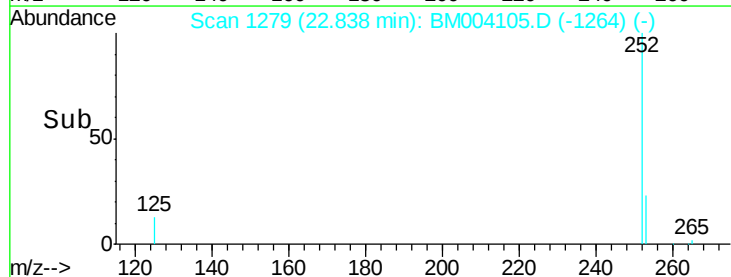
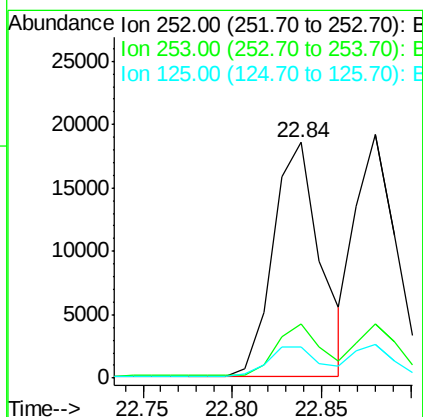
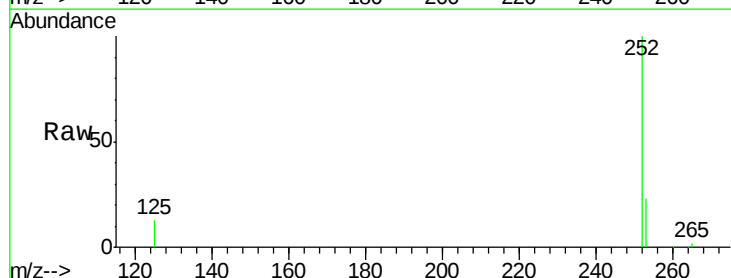
Instrument :
 BNA_M
 ClientSampleId :

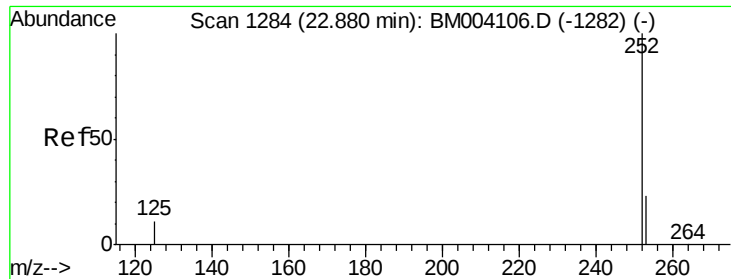
Tot Ion:264 Resp: 155826
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.2 31.8
 265 21.1 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 0.72 ng
 RT: 22.84 min Scan# 1279
 Delta R.T. -0.00 min
 Lab File: BM004105.D
 Acq: 22 Jan 2016 11:40

Tgt Ion:252 Resp: 34108
 Ion Ratio Lower Upper
 252 100
 253 23.2 18.8 28.2
 125 13.2 10.2 15.4





#37

Benzo(k)fluoranthene

Concen: 0.67 ng

RT: 22.88 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

Instrument :

BNA_M

ClientSampleId :

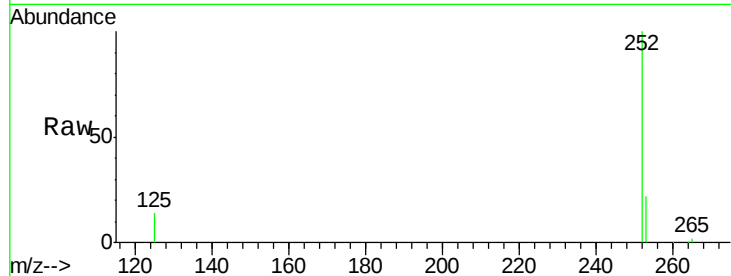
Tot Ion:252 Resp: 30794

Ion Ratio Lower Upper

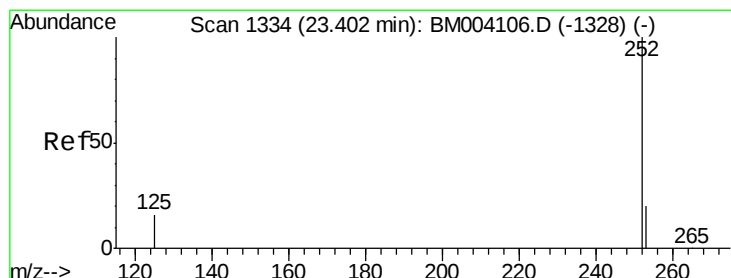
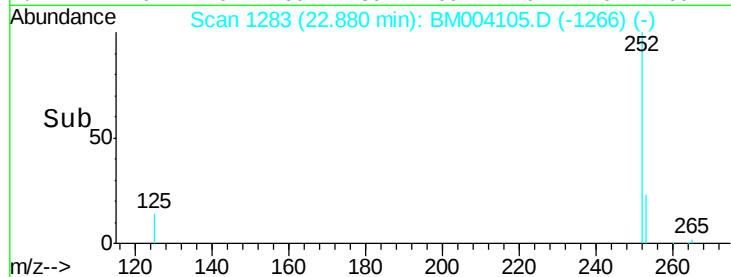
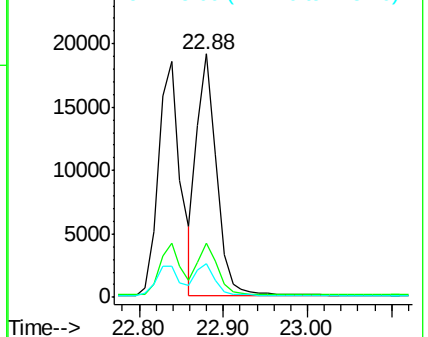
252 100

253 22.4 18.3 27.5

125 13.6 10.6 15.8



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: 0.73 ng

RT: 23.40 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

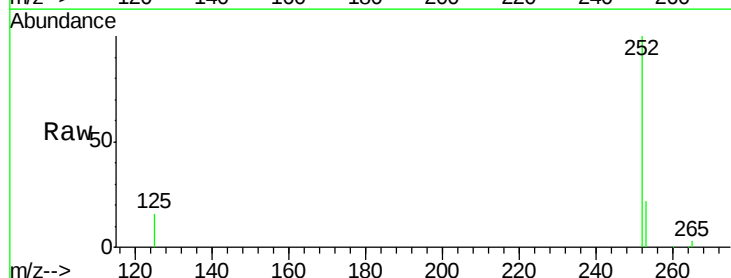
Tgt Ion:252 Resp: 29726

Ion Ratio Lower Upper

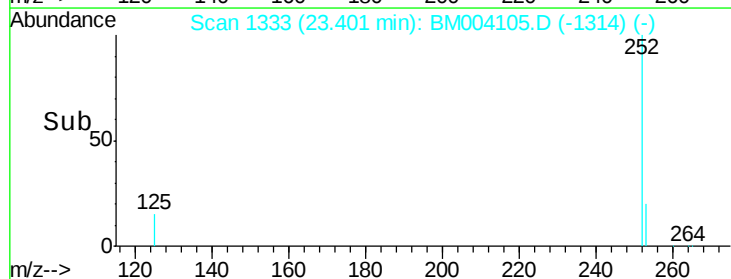
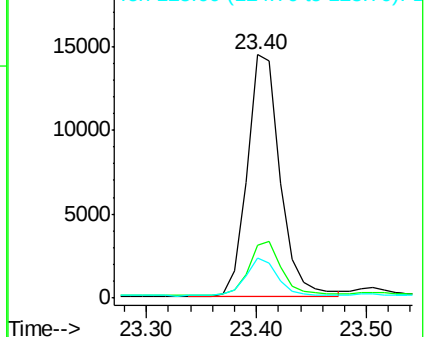
252 100

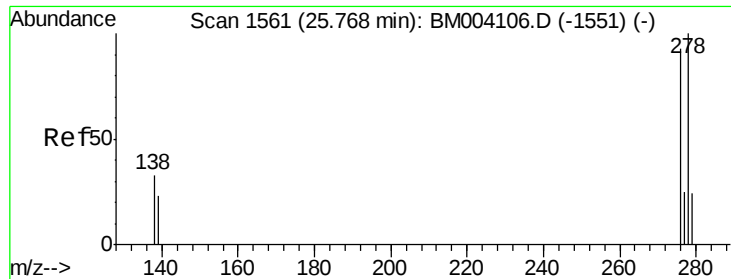
253 21.6 18.7 28.1

125 16.3 11.8 17.8



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: 0.78 ng

RT: 25.77 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

Instrument :

BNA_M

ClientSampleId :

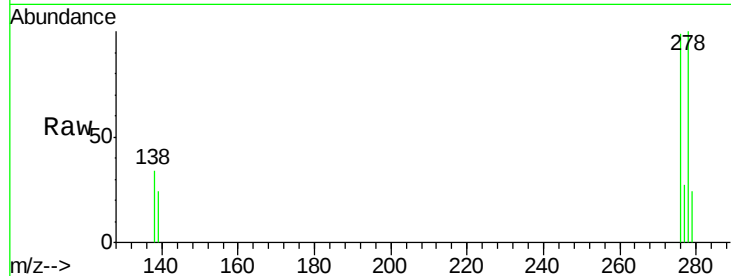
Tot Ion:278 Resp: 27054

Ion Ratio Lower Upper

278 100

139 23.8 19.0 28.6

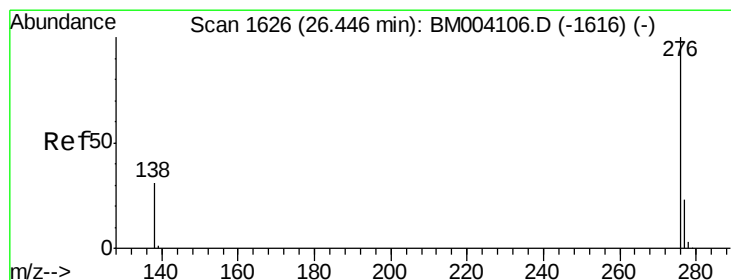
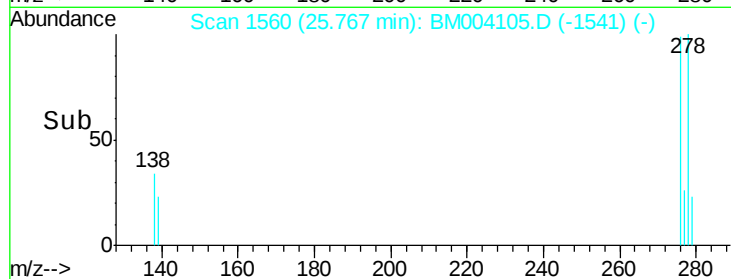
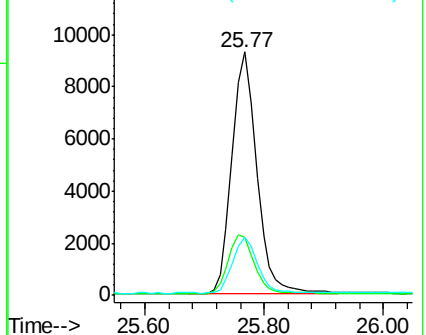
279 24.0 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 0.81 ng

RT: 26.44 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BM004105.D

Acq: 22 Jan 2016 11:40

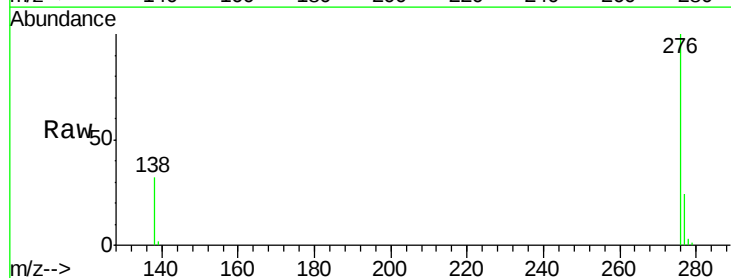
Tgt Ion:276 Resp: 29521

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 32.3 25.0 37.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

