

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050115\
 Data File : BM001163.D
 Acq On : 02 May 2015 11:39
 Operator : TP/IZ
 Sample : G2057-03MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MWJ-1MSD

Quant Time: May 04 00:58:59 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 04 00:38:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	18384	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	74790	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	41406	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	95904	5.00	ng	0.00
24) Chrysene-d12	21.15	240	72550	5.00	ng	0.00
30) Perylene-d12	23.29	264	53502	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	19879	5.56	ng/uL	-0.02
5) Phenol-d6	6.71	99	16262	3.69	ng/uL	0.00
7) Nitrobenzene-d5	8.69	82	45926	10.84	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	31412	15.38	ng/uL	0.00
14) 2-Fluorobiphenyl	12.81	172	134559	9.83	ng	0.00
26) Terphenyl-d14	19.59	244	108324	10.83	ng	0.00

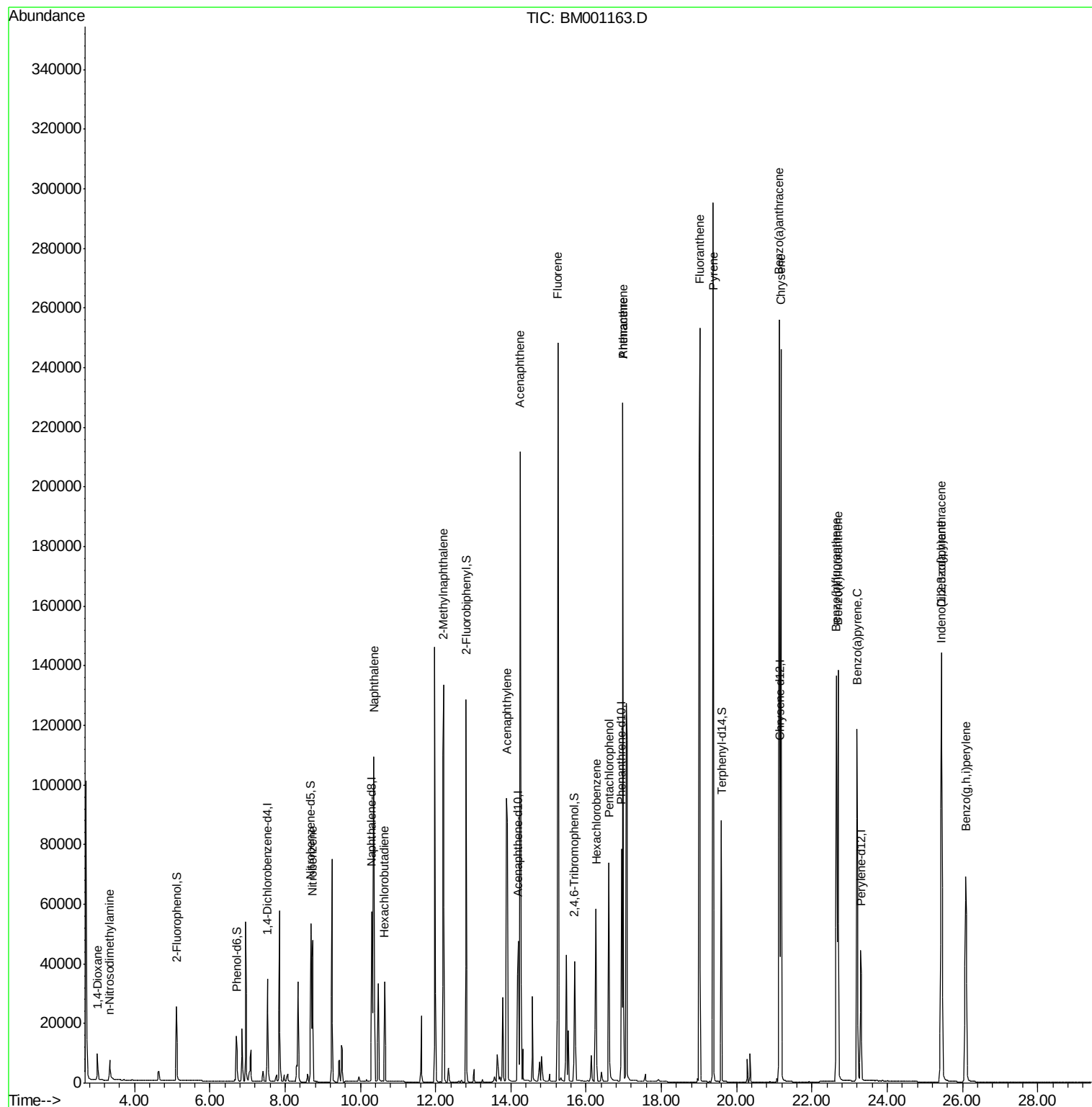
Target Compounds						Qvalue
2) 1,4-Dioxane	3.01	88	6100	3.78	ng	# 62
3) n-Nitrosodimethylamine	3.34	42	6831	3.04	ng	# 89
8) Nitrobenzene	8.73	77	51582	9.21	ng/uL	94
9) Naphthalene	10.36	128	145093	8.82	ng	99
10) Hexachlorobutadiene	10.65	225	23427	7.39	ng/uL	100
11) 2-Methylnaphthalene	12.21	142	94569	8.38	ng	94
15) Acenaphthylene	13.89	152	184781	10.21	ng	# 67
16) Acenaphthene	14.24	154	129596	10.36	ng	89
17) Fluorene	15.24	166	157459	10.86	ng	99
19) Hexachlorobenzene	16.26	284	53078	10.27	ng	# 99
20) Pentachlorophenol	16.61	266	52114	15.38	ng	95
21) Phenanthrene	16.98	178	244085	9.89	ng	99
22) Anthracene	16.98	178	244085	11.96	ng	99
23) Fluoranthene	19.01	202	257438	10.30	ng	99
25) Pyrene	19.38	202	268460	11.84	ng	99
27) Benzo(a)anthracene	21.13	228	214042	10.47	ng	99
28) Chrysene	21.18	228	199143	9.92	ng	99
29) Indeno(1,2,3-cd)pyrene	25.43	276	154121	8.42	ng	99
31) Benzo(b)fluoranthene	22.65	252	170521	10.35	ng	94
32) Benzo(k)fluoranthene	22.70	252	175911	11.40	ng	98
33) Benzo(a)pyrene	23.20	252	157913	11.36	ng	99
34) Dibenzo(a,h)anthracene	25.44	278	124353	10.20	ng	95
35) Benzo(g,h,i)perylene	26.09	276	127236	9.89	ng	99

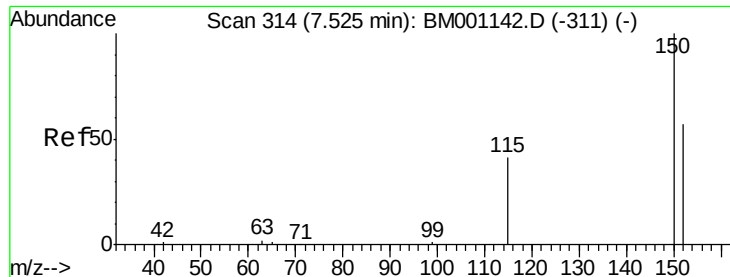
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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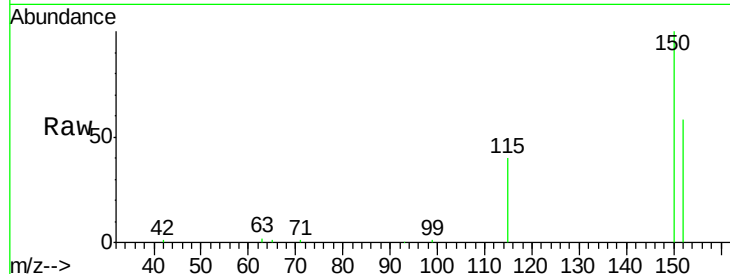




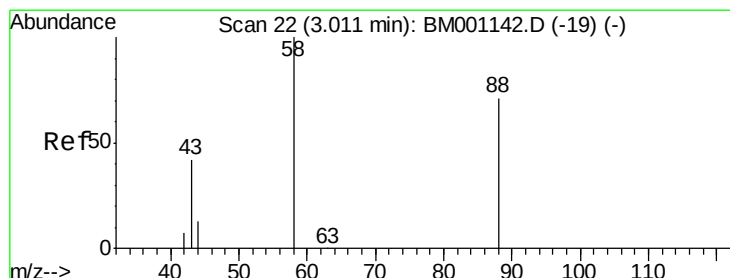
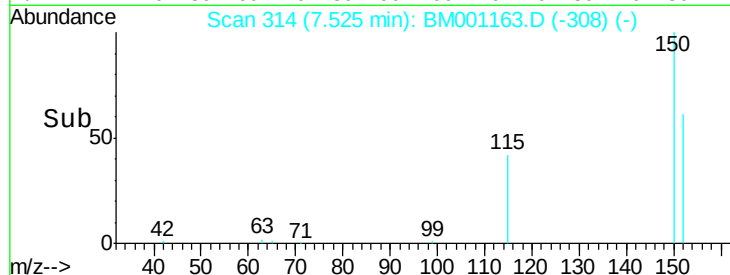
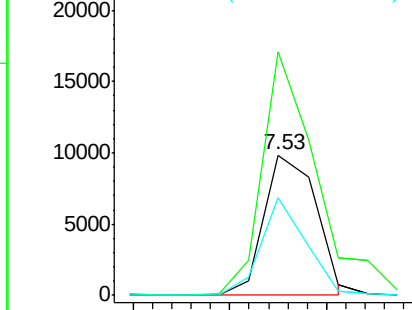
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.53 min Scan# 314
 Delta R.T. 0.00 min
 Lab File: BM001163.D
 Acq: 02 May 2015 11:39

Instrument :
 BNA_M
 ClientSampleId :
 MWJ-1MSD

Tgt Ion: 152 Resp: 18384
 Ion Ratio Lower Upper
 152 100
 150 173.2 140.1 210.1
 115 69.2 57.8 86.6

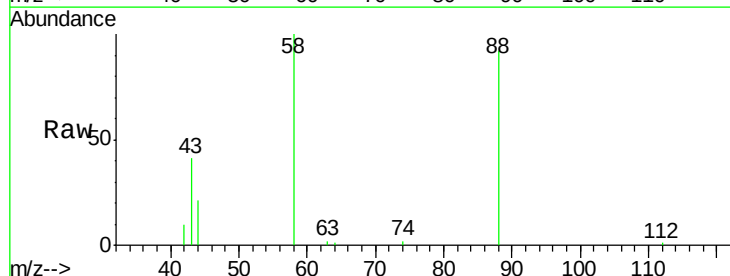


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

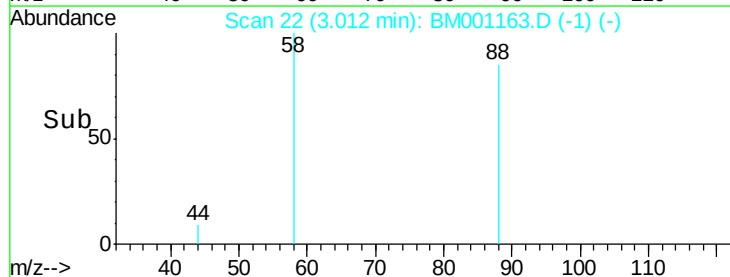
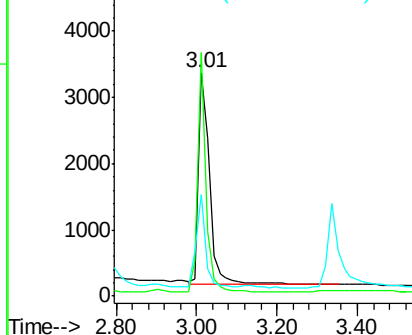


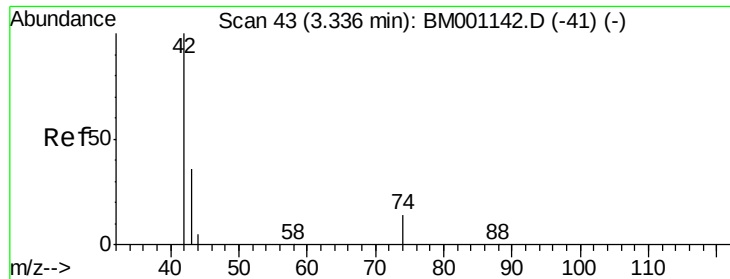
#2
 1,4-Dioxane
 Concen: 3.78 ng
 RT: 3.01 min Scan# 22
 Delta R.T. -0.02 min
 Lab File: BM001163.D
 Acq: 02 May 2015 11:39

Tgt Ion: 88 Resp: 6100
 Ion Ratio Lower Upper
 88 100
 58 81.8 48.2 72.2#
 43 0.0 24.8 37.2#



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: 3.04 ng

RT: 3.34 min Scan# 43

Delta R.T. 0.00 min

Lab File: BM001163.D

Acq: 02 May 2015 11:39

Instrument :

BNA_M

ClientSampleId :

MWJ-1MSD

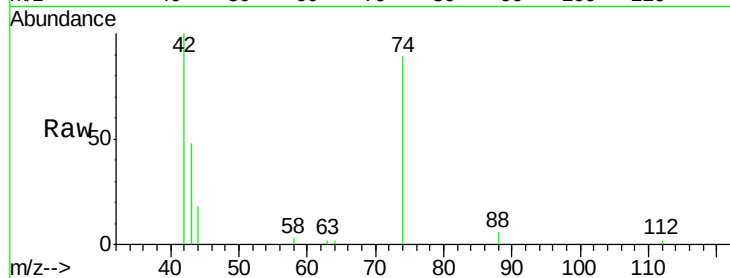
Tgt Ion: 42 Resp: 6831

Ion Ratio Lower Upper

42 100

74 100.1 72.0 108.0

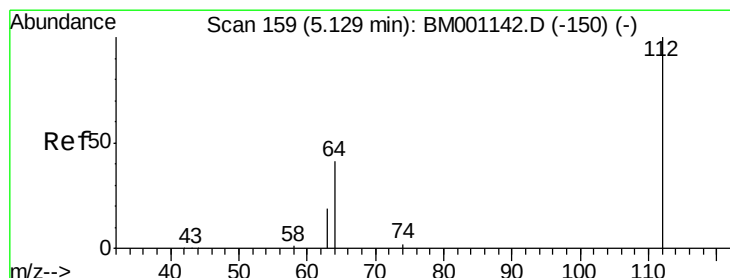
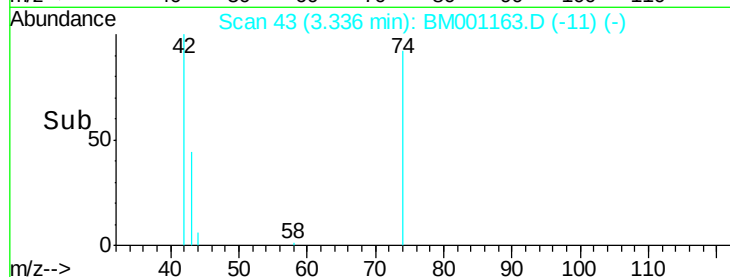
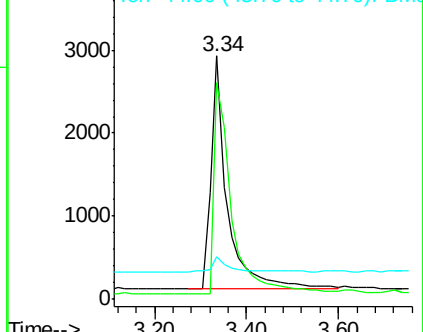
44 7.3 3.7 5.5#



Abundance Ion 42.00 (41.70 to 42.70): BM001142.D (-41) (-)

Ion 74.00 (73.70 to 74.70): BM001142.D (-41) (-)

Ion 44.00 (43.70 to 44.70): BM001142.D (-41) (-)



#4

2-Fluorophenol

Concen: 5.56 ng/uL

RT: 5.11 min Scan# 158

Delta R.T. -0.02 min

Lab File: BM001163.D

Acq: 02 May 2015 11:39

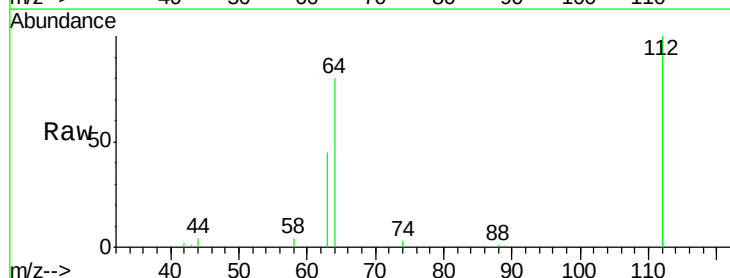
Tgt Ion: 112 Resp: 19879

Ion Ratio Lower Upper

112 100

64 64.8 52.6 79.0

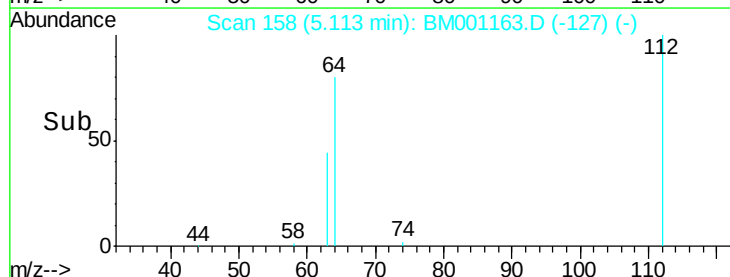
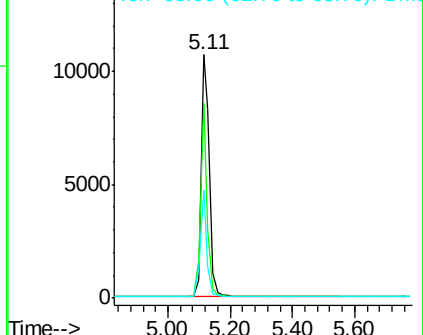
63 35.8 29.5 44.3

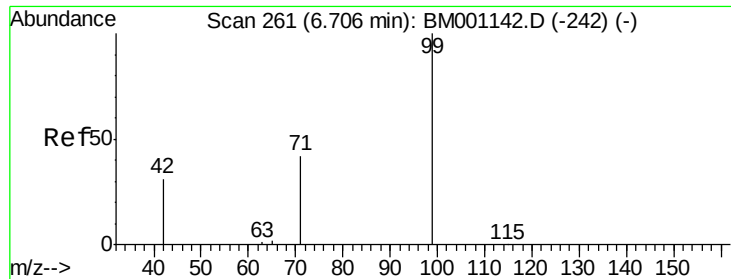


Abundance Ion 112.00 (111.70 to 112.70): BM001142.D (-150) (-)

Ion 64.00 (63.70 to 64.70): BM001142.D (-150) (-)

Ion 63.00 (62.70 to 63.70): BM001142.D (-150) (-)





#5

Phenol-d6

Concen: 3.69 ng/uL

RT: 6.71 min Scan# 261

Delta R.T. 0.00 min

Lab File: BM001163.D

Acq: 02 May 2015 11:39

Instrument :

BNA_M

ClientSampleId :

MWJ-1MSD

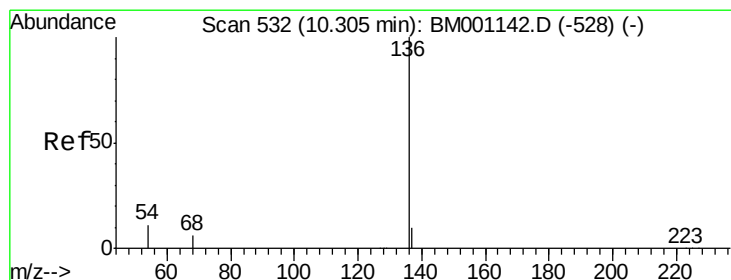
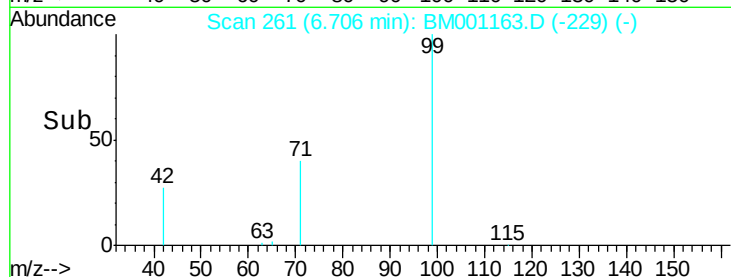
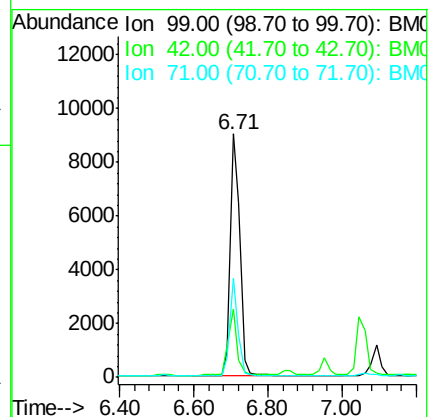
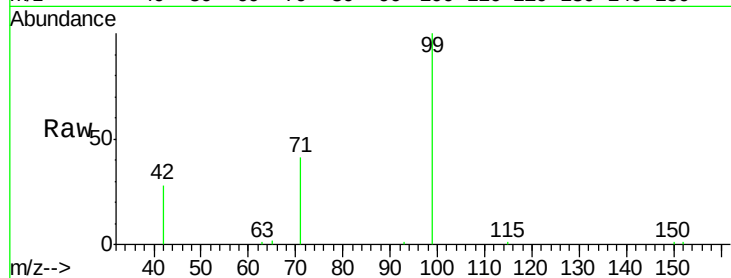
Tgt Ion: 99 Resp: 16262

Ion Ratio Lower Upper

99 100

42 25.0 20.9 31.3

71 34.8 28.5 42.7



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 532

Delta R.T. 0.00 min

Lab File: BM001163.D

Acq: 02 May 2015 11:39

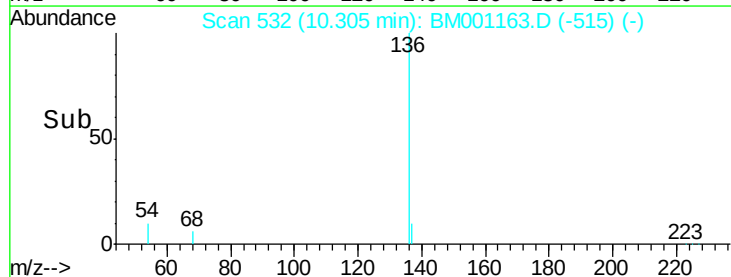
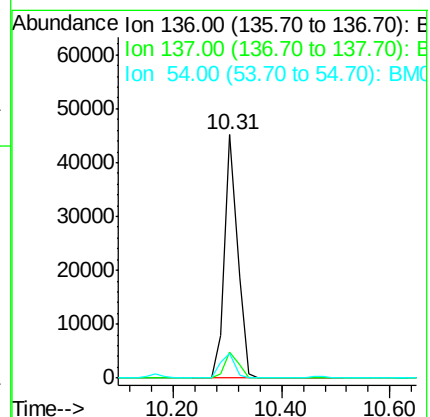
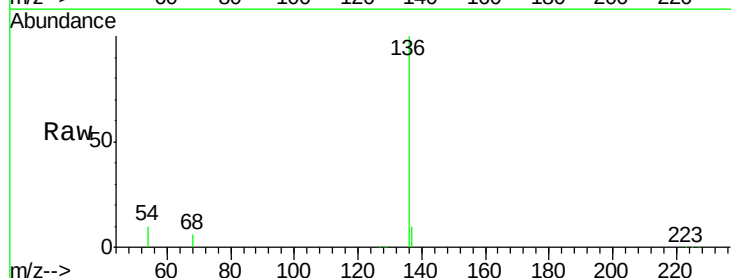
Tgt Ion: 136 Resp: 74790

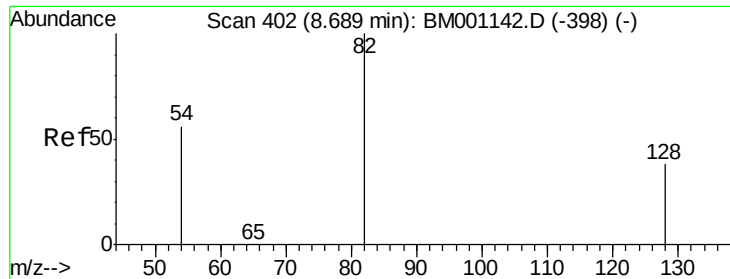
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.4

54 10.2 9.0 13.4





#7

Nitrobenzene-d5

Concen: 10.84 ng

RT: 8.69 min Scan# 402

Delta R.T. 0.00 min

Lab File: BM001163.D

Acq: 02 May 2015 11:39

Instrument :

BNA_M

ClientSampleId :

MWJ-1MSD

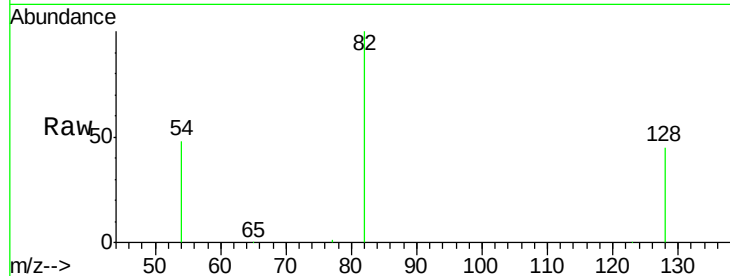
Tgt Ion: 82 Resp: 45926

Ion Ratio Lower Upper

82 100

128 44.8 31.9 47.9

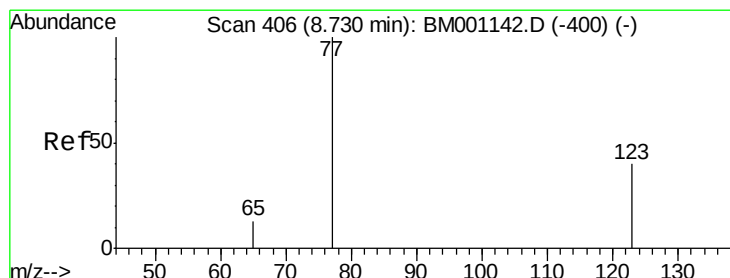
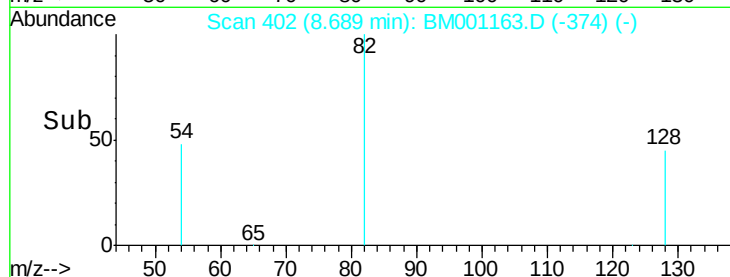
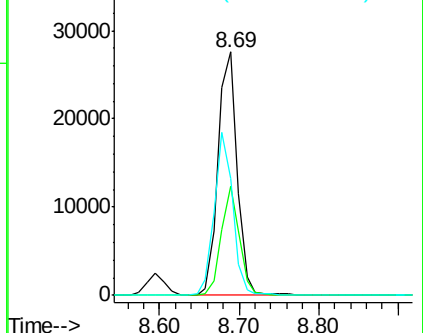
54 47.8 46.2 69.2



Abundance Ion 82.00 (81.70 to 82.70): BM001142.D (-398) (-)

Ion 128.00 (127.70 to 128.70): BM001142.D (-398) (-)

Ion 54.00 (53.70 to 54.70): BM001142.D (-398) (-)



#8

Nitrobenzene

Concen: 9.21 ng/uL

RT: 8.73 min Scan# 406

Delta R.T. 0.00 min

Lab File: BM001163.D

Acq: 02 May 2015 11:39

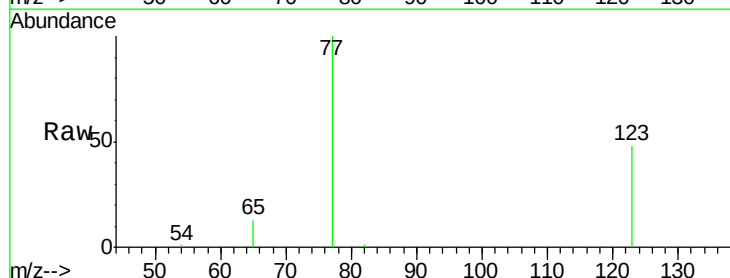
Tgt Ion: 77 Resp: 51582

Ion Ratio Lower Upper

77 100

123 43.4 31.0 46.6

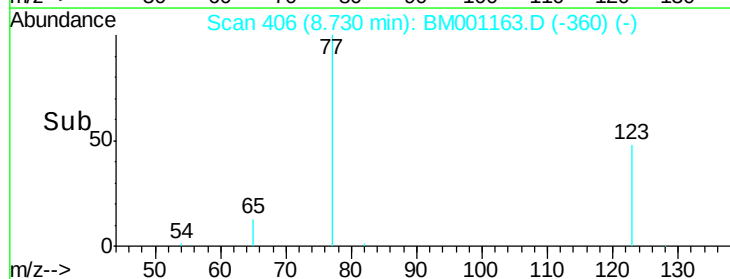
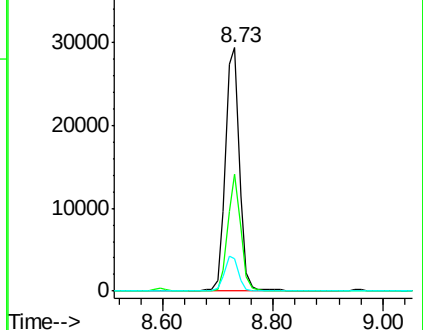
65 14.2 10.6 15.8

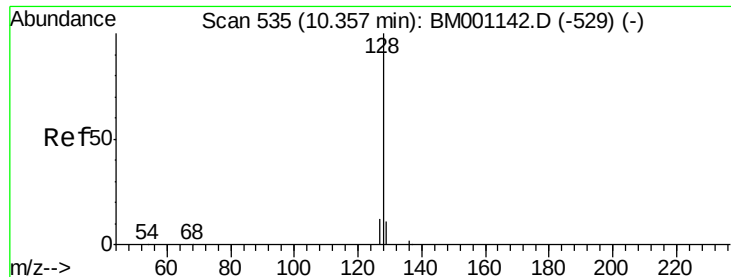


Abundance Ion 77.00 (76.70 to 77.70): BM001142.D (-400) (-)

Ion 123.00 (122.70 to 123.70): BM001142.D (-400) (-)

Ion 65.00 (64.70 to 65.70): BM001142.D (-400) (-)





#9

Naphthalene

Concen: 8.82 ng

RT: 10.36 min Scan# 535

Delta R.T. 0.00 min

Lab File: BM001163.D

Acq: 02 May 2015 11:39

Instrument :

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ClientSampleId :

MWJ-1MSD

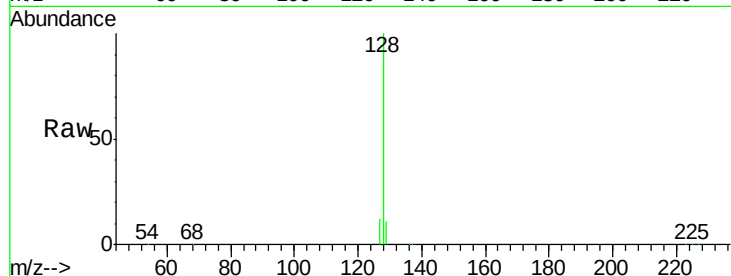
Tgt Ion:128 Resp: 145093

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

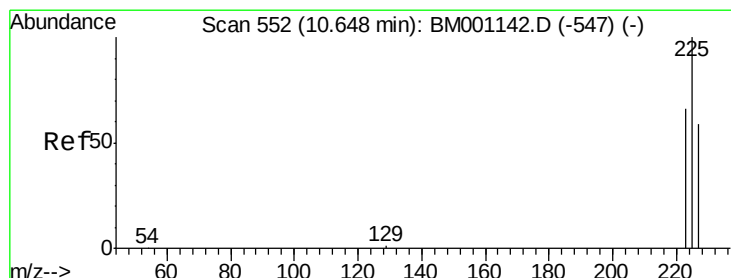
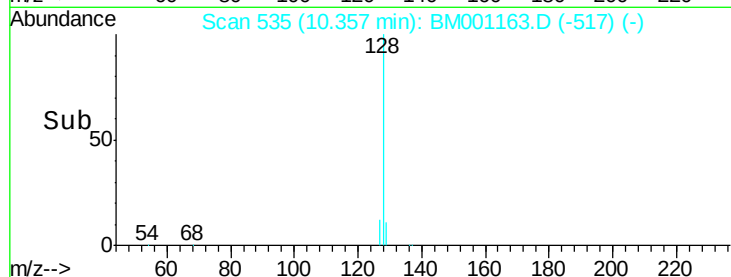
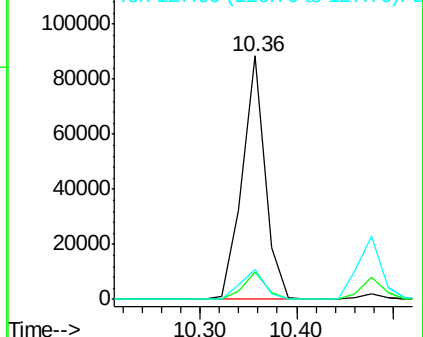
127 12.2 10.0 15.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 7.39 ng/uL

RT: 10.65 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001163.D

Acq: 02 May 2015 11:39

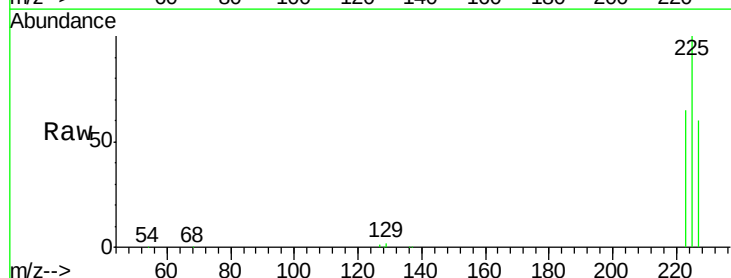
Tgt Ion:225 Resp: 23427

Ion Ratio Lower Upper

225 100

223 63.2 50.8 76.2

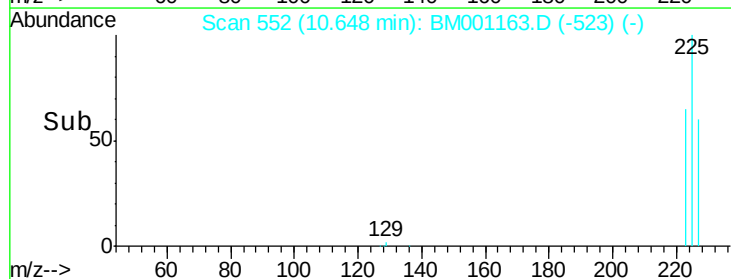
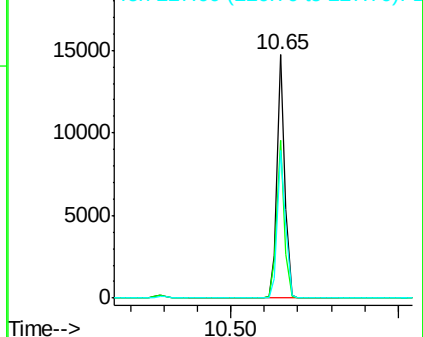
227 63.5 51.0 76.4

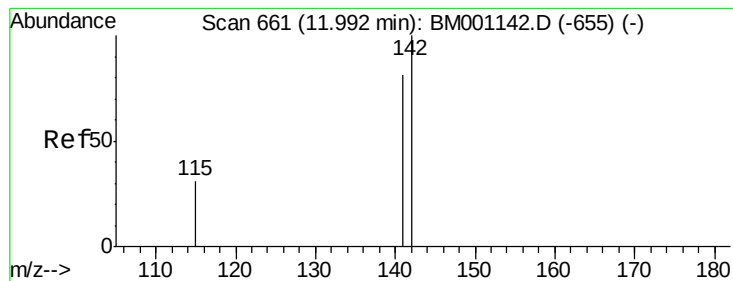


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 8.38 ng

RT: 12.21 min Scan# 682

Delta R.T. 0.22 min

Lab File: BM001163.D

Acq: 02 May 2015 11:39

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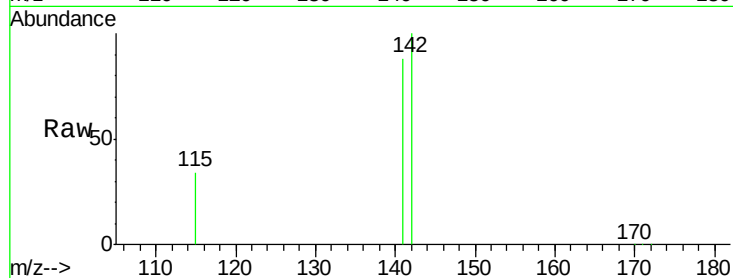
Tgt Ion:142 Resp: 94569

Ion Ratio Lower Upper

142 100

141 87.6 65.1 97.7

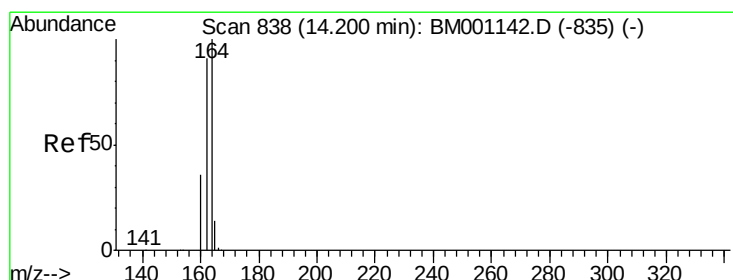
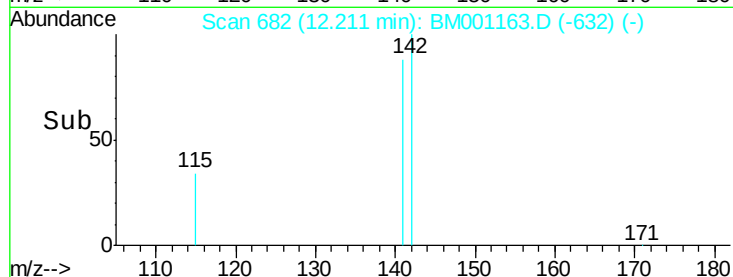
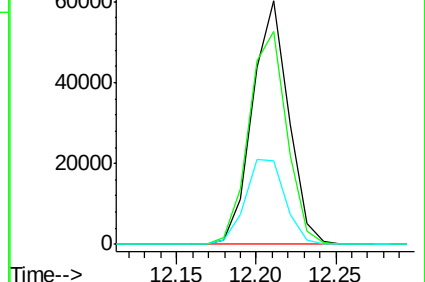
115 34.2 25.1 37.7



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 838

Delta R.T. 0.00 min

Lab File: BM001163.D

Acq: 02 May 2015 11:39

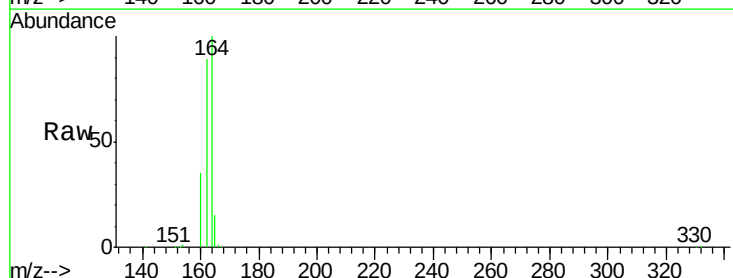
Tgt Ion:164 Resp: 41406

Ion Ratio Lower Upper

164 100

162 89.4 72.7 109.1

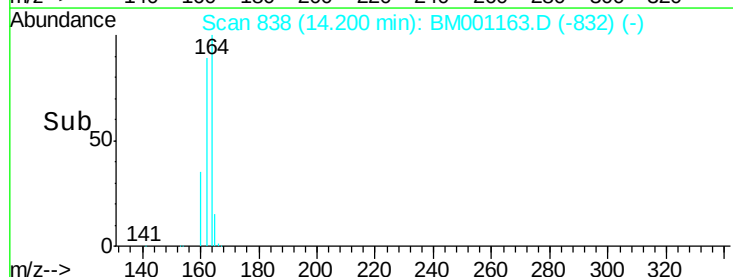
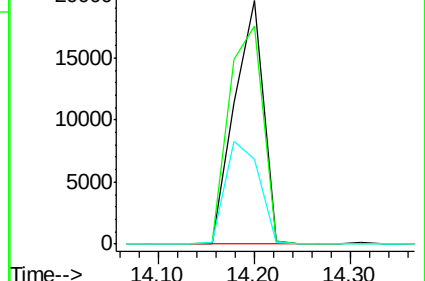
160 34.8 28.7 43.1

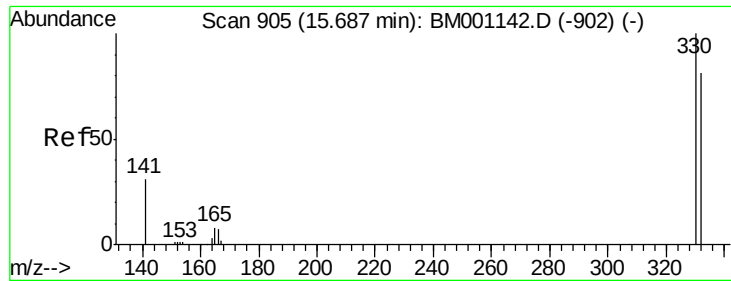


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

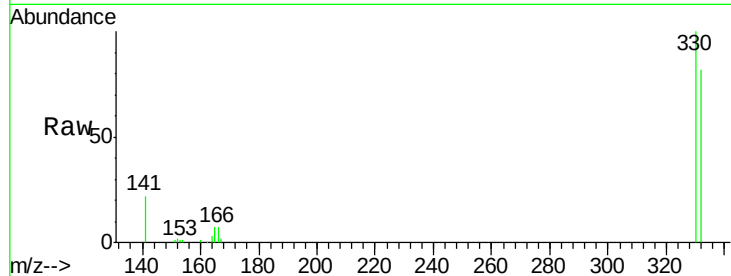




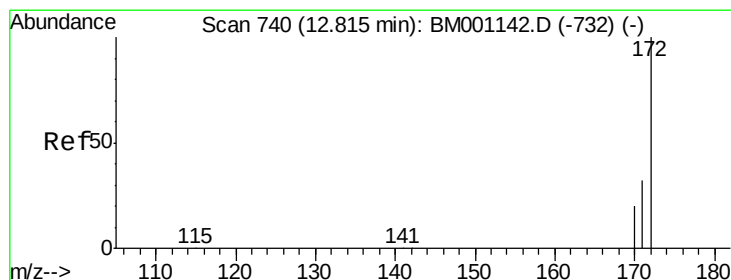
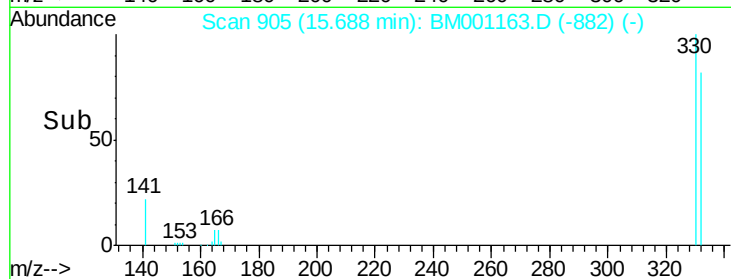
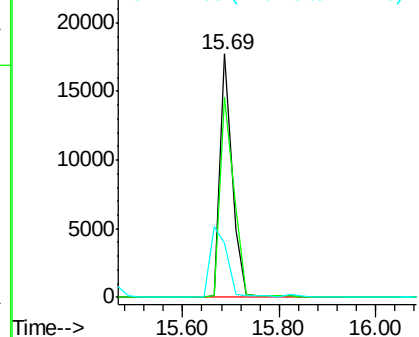
#13
 2,4,6-Tribromophenol
 Concen: 15.38 ng/uL
 RT: 15.69 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BM001163.D
 Acq: 02 May 2015 11:39

Instrument :
 BNA_M
 ClientSampleId :
 MWJ-1MSD

Tgt Ion:330 Resp: 31412
 Ion Ratio Lower Upper
 330 100
 332 92.9 74.5 111.7
 141 0.0 21.0 31.4#

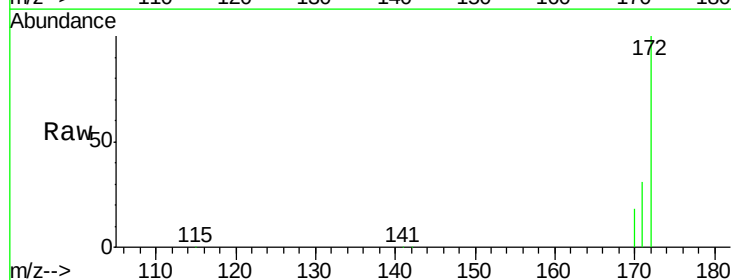


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

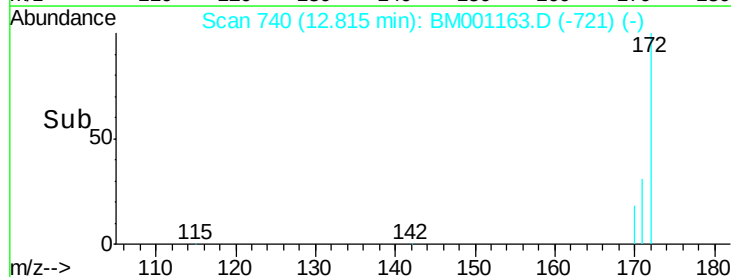
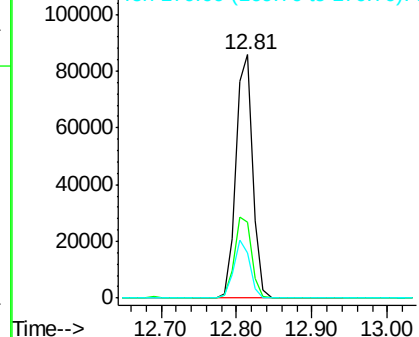


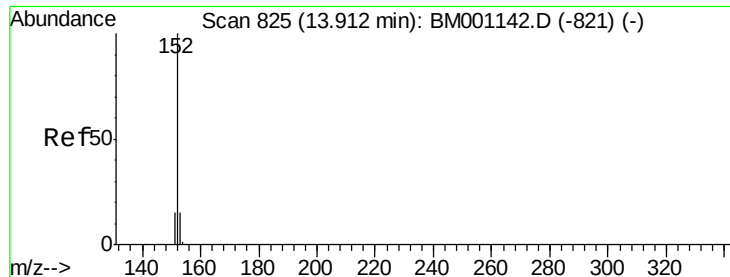
#14
 2-Fluorobiphenyl
 Concen: 9.83 ng
 RT: 12.81 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BM001163.D
 Acq: 02 May 2015 11:39

Tgt Ion:172 Resp: 134559
 Ion Ratio Lower Upper
 172 100
 171 31.3 25.8 38.6
 170 18.3 16.1 24.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

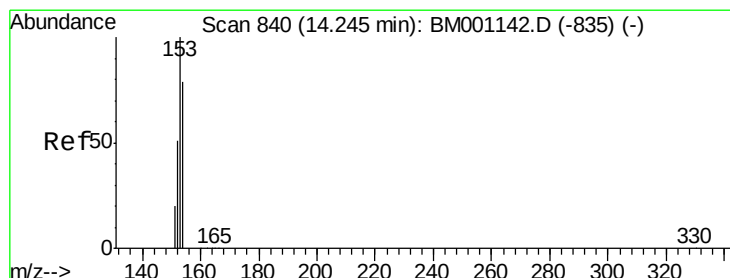
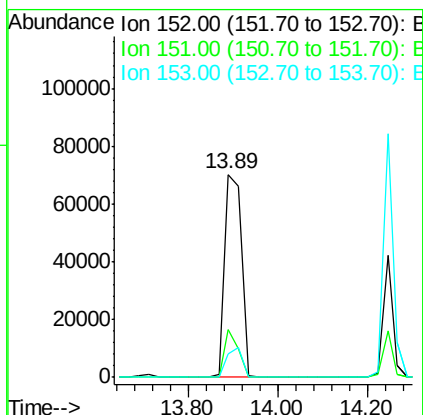
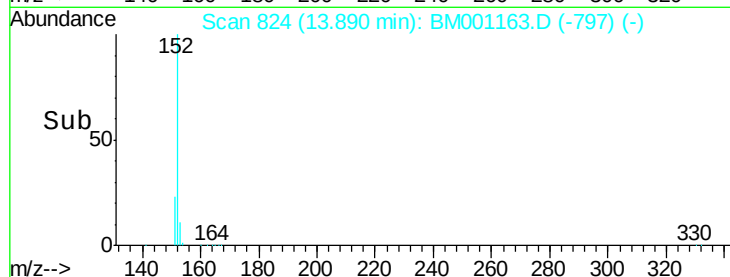
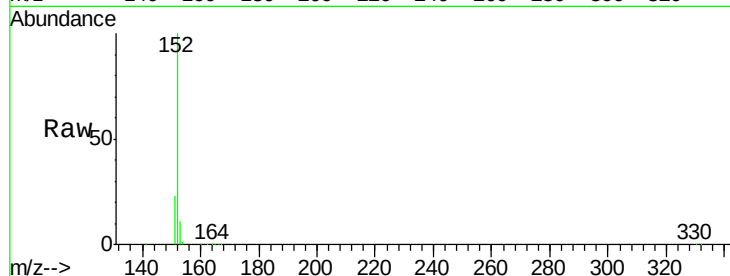




#15
Acenaphthylene
Concen: 10.21 ng
RT: 13.89 min Scan# 824
Delta R.T. -0.02 min
Lab File: BM001163.D
Acq: 02 May 2015 11:39

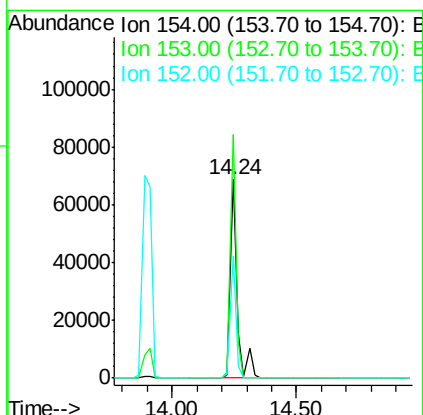
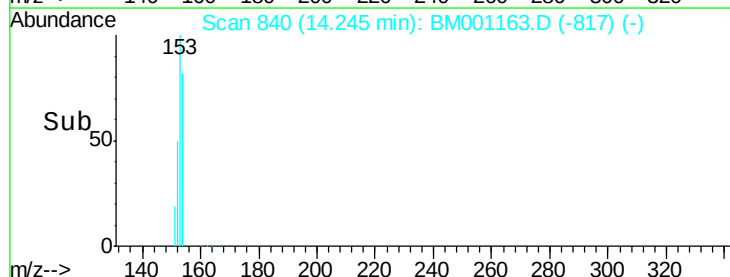
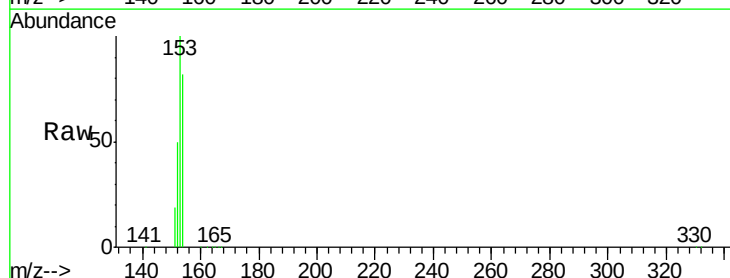
Instrument :
BNA_M
ClientSampleId :
MWJ-1MSD

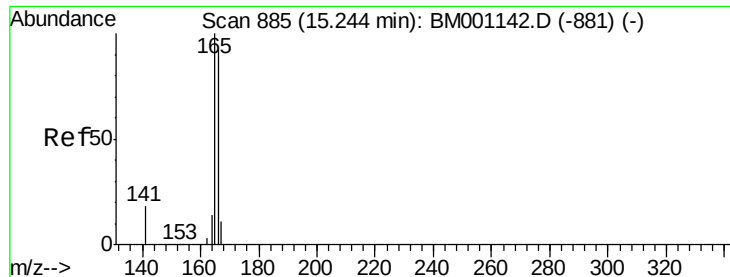
Tgt Ion:152 Resp: 184781
Ion Ratio Lower Upper
152 100
151 19.1 0.0 0.0#
153 0.0 10.3 15.5#



#16
Acenaphthene
Concen: 10.36 ng
RT: 14.24 min Scan# 840
Delta R.T. 0.00 min
Lab File: BM001163.D
Acq: 02 May 2015 11:39

Tgt Ion:154 Resp: 129596
Ion Ratio Lower Upper
154 100
153 101.0 90.6 136.0
152 49.5 45.0 67.4

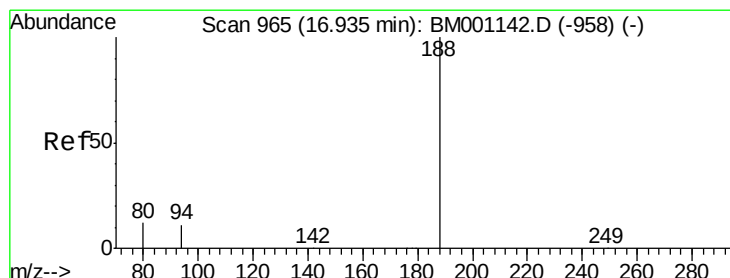
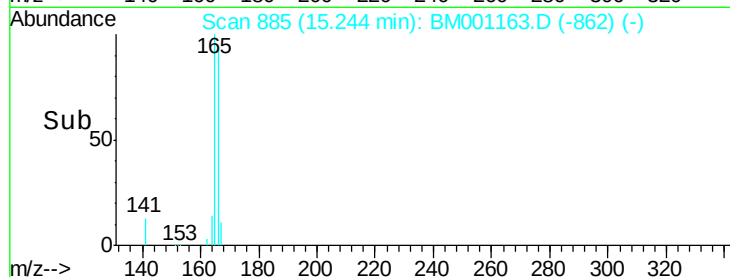
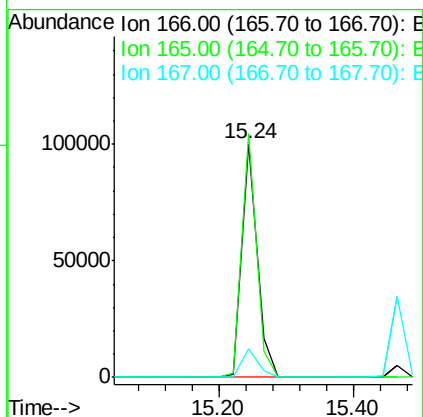
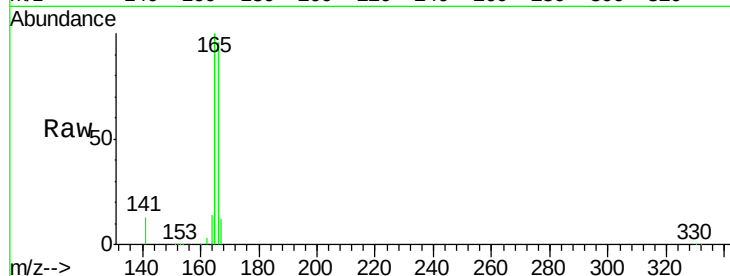




#17
Fluorene
 Concen: 10.86 ng
 RT: 15.24 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BM001163.D
 Acq: 02 May 2015 11:39

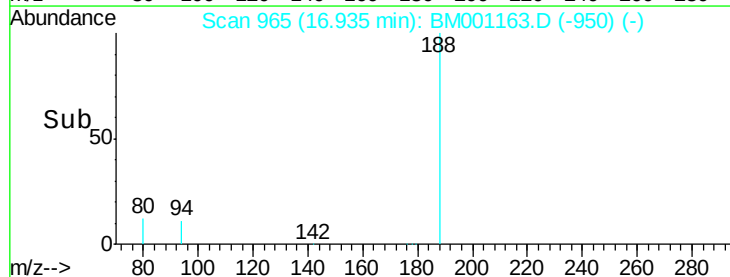
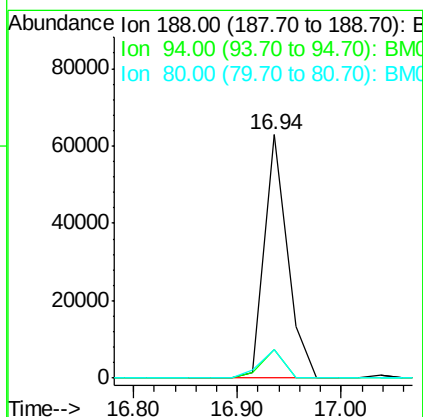
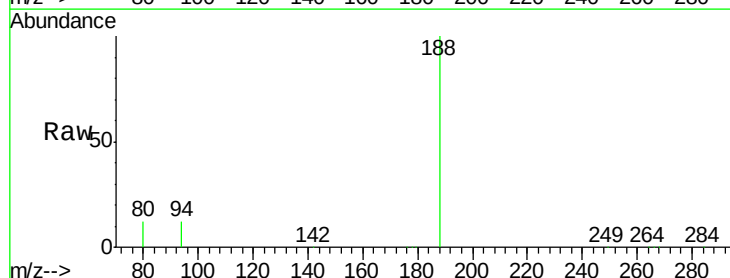
Instrument :
 BNA_M
 ClientSampleId :
 MWJ-1MSD

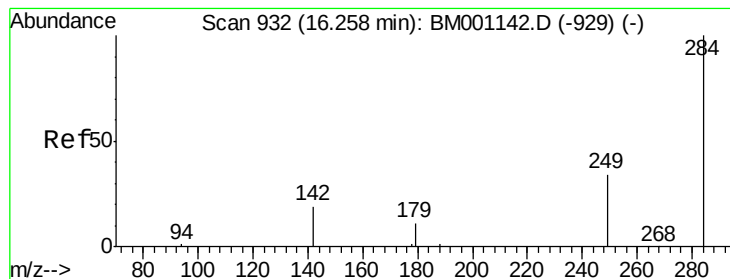
Tgt Ion:166 Resp: 157459
 Ion Ratio Lower Upper
 166 100
 165 99.7 81.0 121.6
 167 13.0 10.4 15.6



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BM001163.D
 Acq: 02 May 2015 11:39

Tgt Ion:188 Resp: 95904
 Ion Ratio Lower Upper
 188 100
 94 11.6 9.3 13.9
 80 11.9 9.8 14.6





#19

Hexachlorobenzene

Concen: 10.27 ng

RT: 16.26 min Scan# 932

Delta R.T. 0.00 min

Lab File: BM001163.D

Acq: 02 May 2015 11:39

Instrument :

BNA_M

ClientSampleId :

MWJ-1MSD

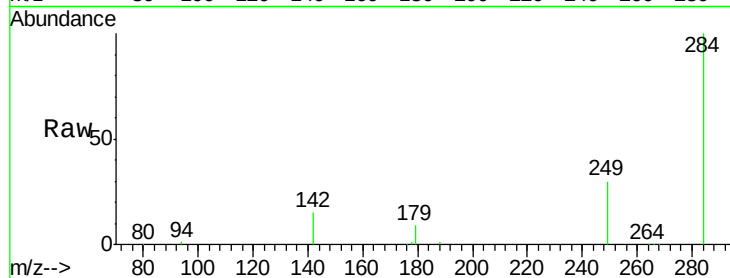
Tgt Ion:284 Resp: 53078

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

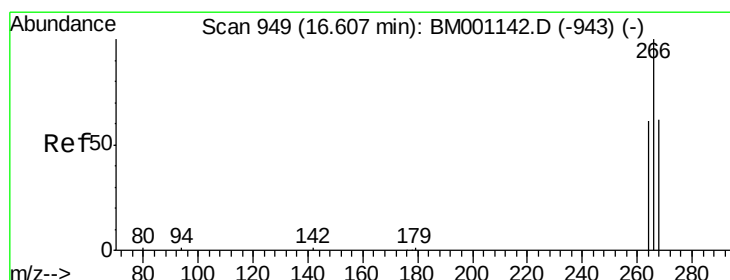
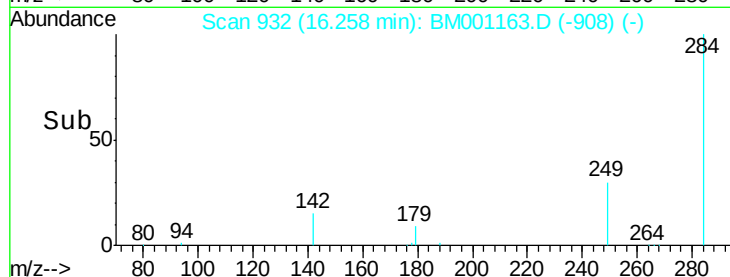
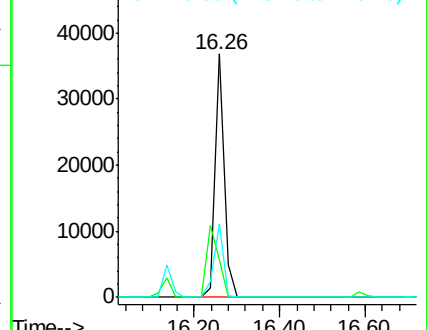
249 32.4 26.5 39.7



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



#20

Pentachlorophenol

Concen: 15.38 ng

RT: 16.61 min Scan# 949

Delta R.T. 0.00 min

Lab File: BM001163.D

Acq: 02 May 2015 11:39

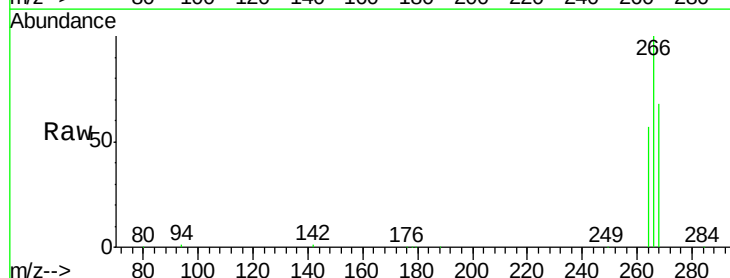
Tgt Ion:266 Resp: 52114

Ion Ratio Lower Upper

266 100

268 67.8 52.6 79.0

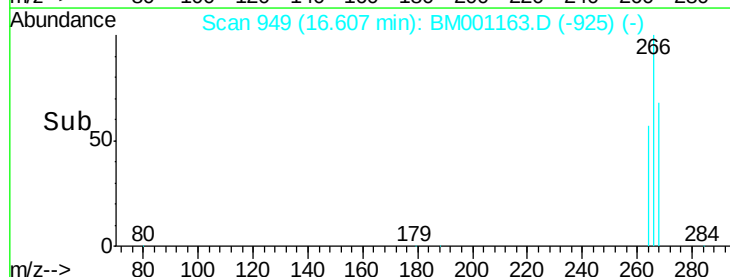
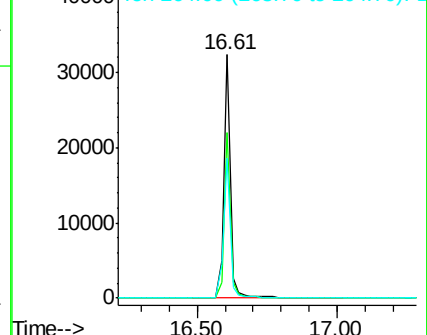
264 57.3 51.0 76.4

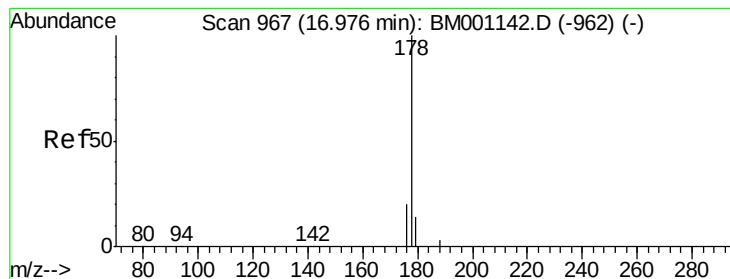


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 9.89 ng

RT: 16.98 min Scan# 967

Delta R.T. 0.00 min

Lab File: BM001163.D

Acq: 02 May 2015 11:39

Instrument :

BNA_M

ClientSampleId :

MWJ-1MSD

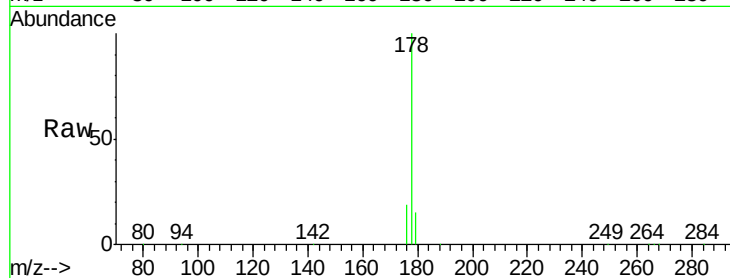
Tgt Ion:178 Resp: 244085

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

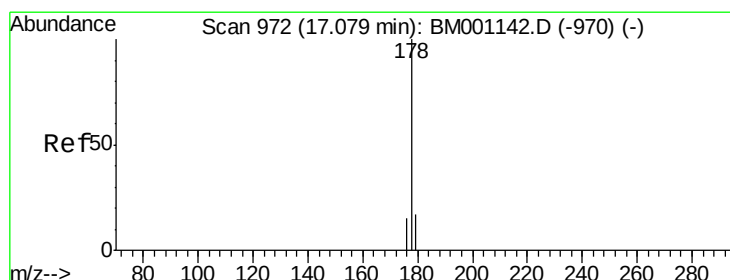
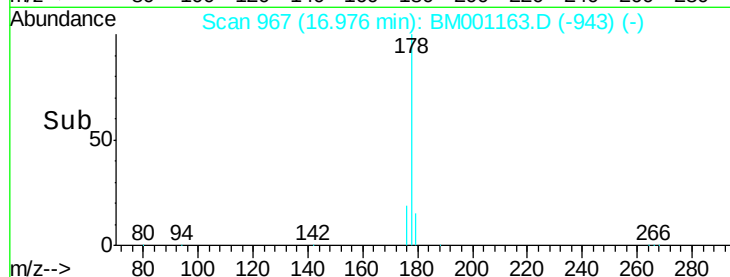
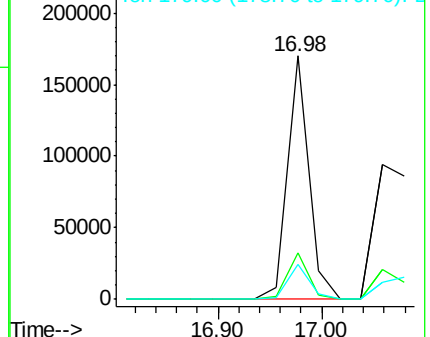
179 15.1 12.0 18.0



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



#22

Anthracene

Concen: 11.96 ng

RT: 16.98 min Scan# 967

Delta R.T. -0.10 min

Lab File: BM001163.D

Acq: 02 May 2015 11:39

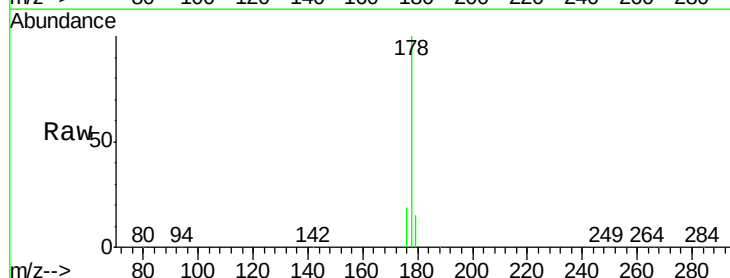
Tgt Ion:178 Resp: 244085

Ion Ratio Lower Upper

178 100

176 18.9 14.3 21.5

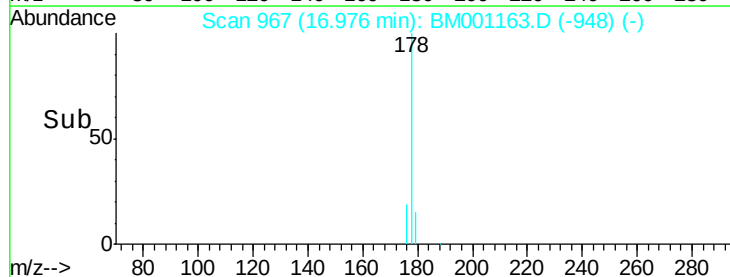
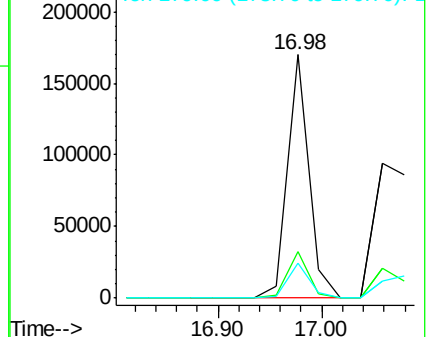
179 15.1 12.2 18.2

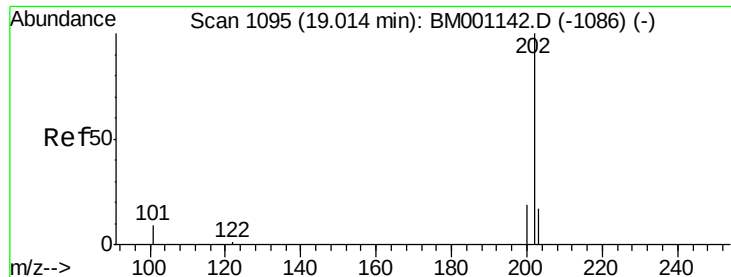


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 10.30 ng

RT: 19.01 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BM001163.D

Acq: 02 May 2015 11:39

Instrument :

BNA_M

ClientSampleId :

MWJ-1MSD

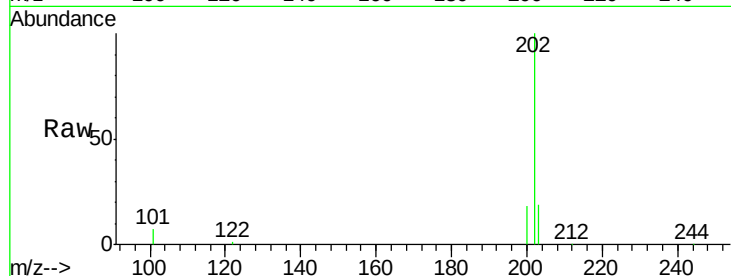
Tgt Ion:202 Resp: 257438

Ion Ratio Lower Upper

202 100

101 11.9 9.3 13.9

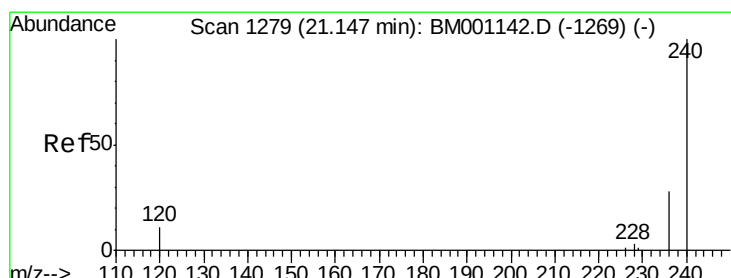
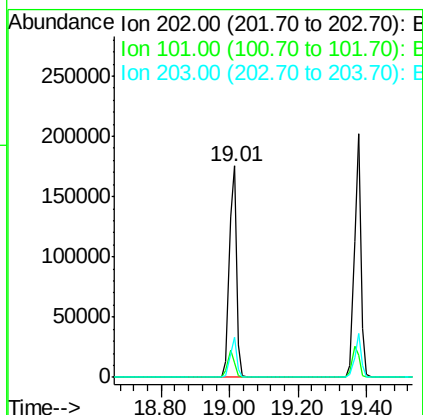
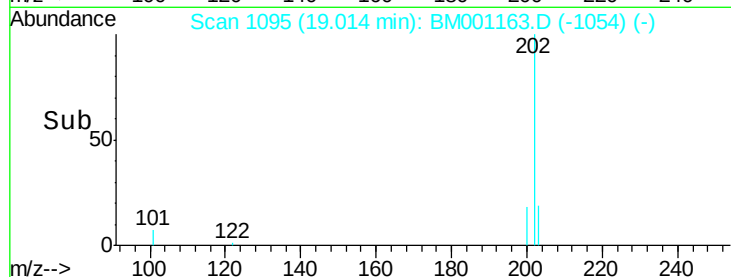
203 17.4 13.7 20.5



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.15 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BM001163.D

Acq: 02 May 2015 11:39

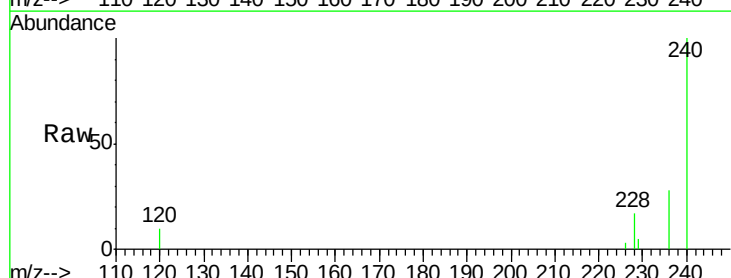
Tgt Ion:240 Resp: 72550

Ion Ratio Lower Upper

240 100

120 10.1 9.2 13.8

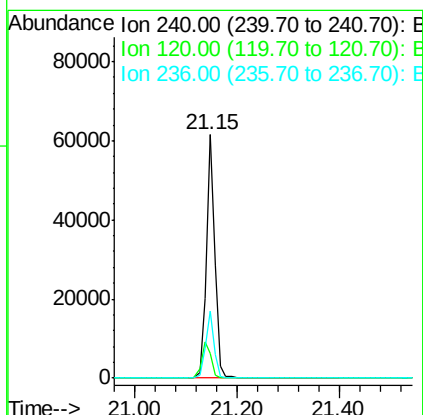
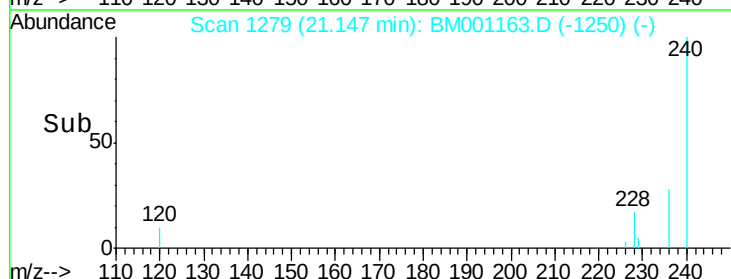
236 27.6 22.4 33.6

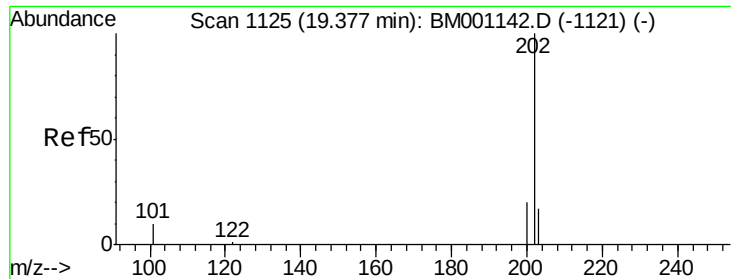


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

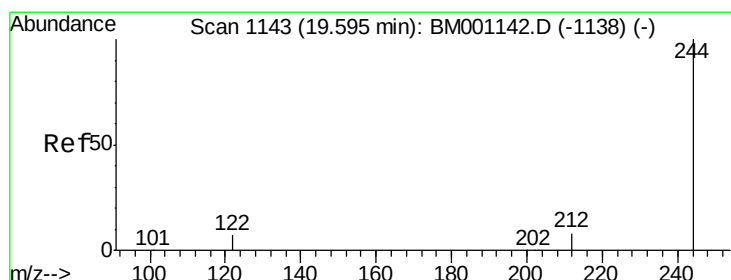
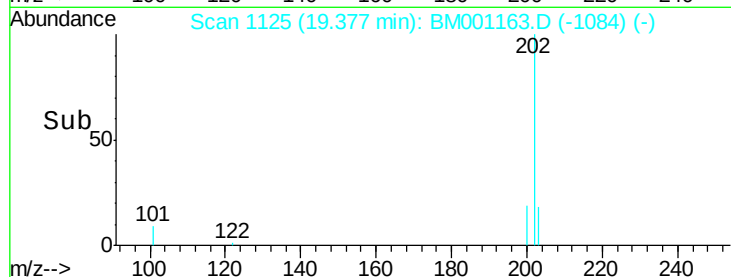
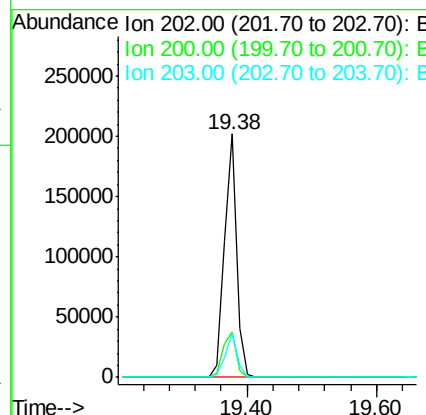
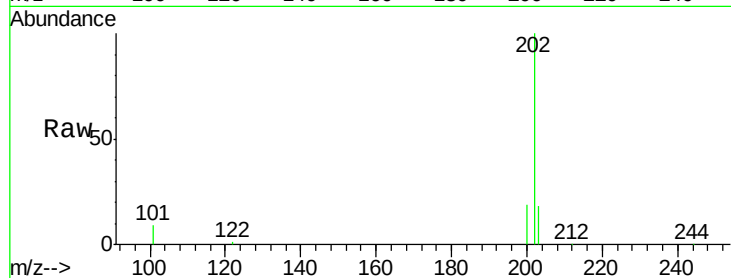




#25
 Pyrene
 Concen: 11.84 ng
 RT: 19.38 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BM001163.D
 Acq: 02 May 2015 11:39

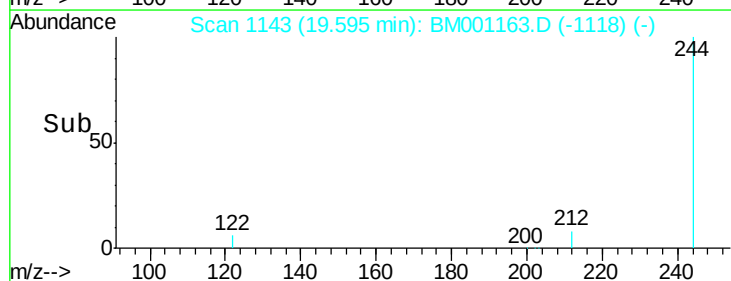
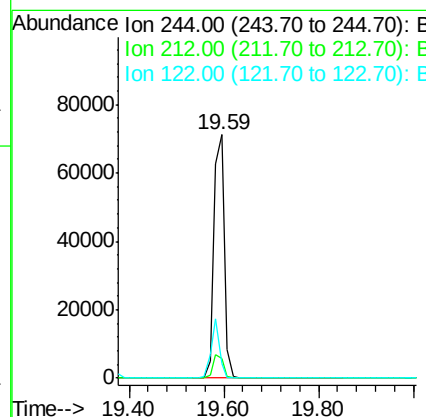
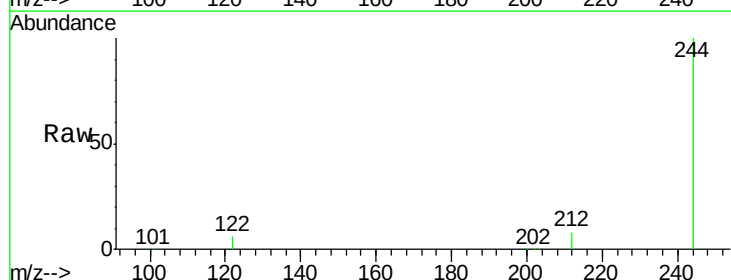
Instrument :
 BNA_M
 ClientSampled :
 MWJ-1MSD

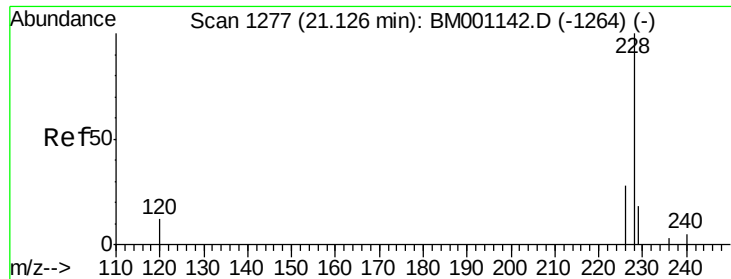
Tgt Ion:202 Resp: 268460
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.4 24.6
 203 17.7 13.8 20.6



#26
 Terphenyl-d14
 Concen: 10.83 ng
 RT: 19.59 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BM001163.D
 Acq: 02 May 2015 11:39

Tgt Ion:244 Resp: 108324
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.1 10.7
 122 5.9 6.2 9.4#

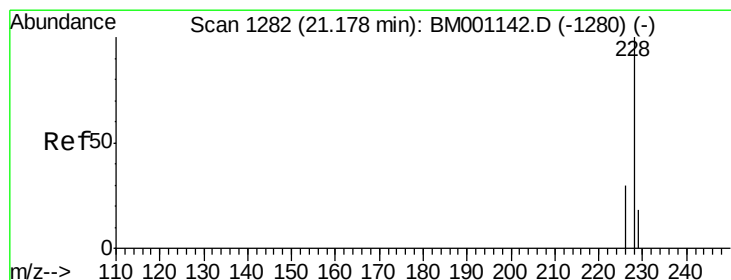
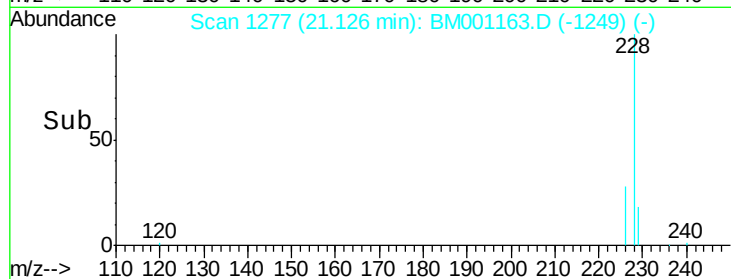
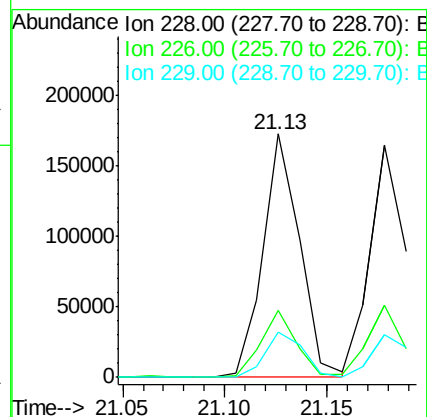
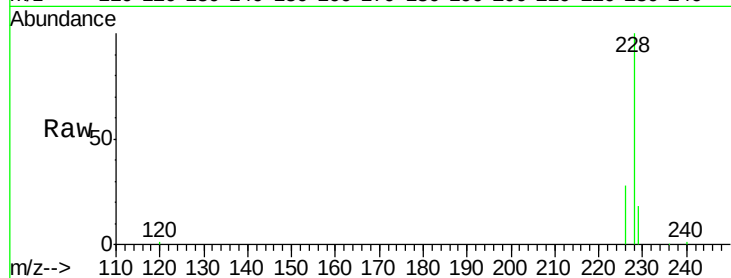




#27
Benzo(a)anthracene
Concen: 10.47 ng
RT: 21.13 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BM001163.D
Acq: 02 May 2015 11:39

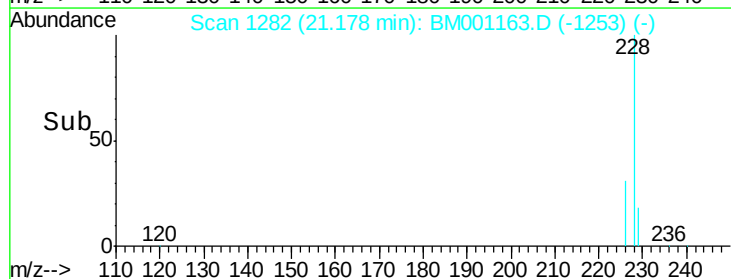
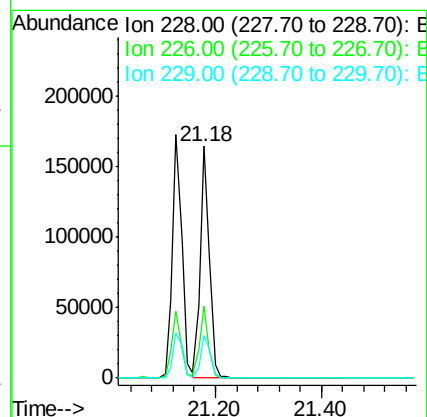
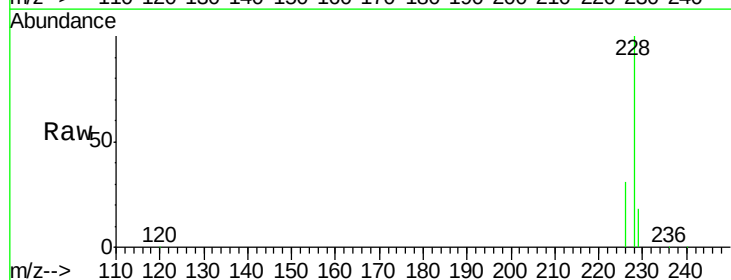
Instrument :
BNA_M
ClientSampleId :
MWJ-1MSD

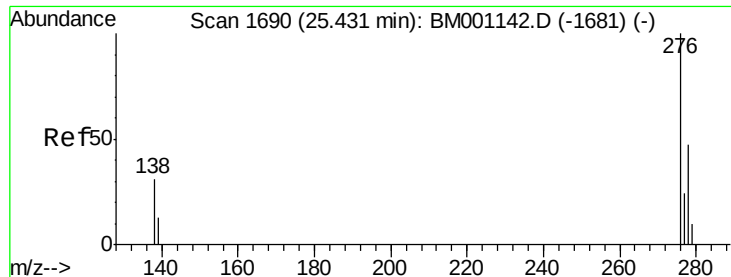
Tgt Ion:228 Resp: 214042
Ion Ratio Lower Upper
228 100
226 27.5 22.8 34.2
229 18.4 14.4 21.6



#28
Chrysene
Concen: 9.92 ng
RT: 21.18 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BM001163.D
Acq: 02 May 2015 11:39

Tgt Ion:228 Resp: 199143
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 18.2 14.3 21.5





#29

Indeno(1,2,3-cd)pyrene

Concen: 8.42 ng

RT: 25.43 min Scan# 1690

Delta R.T. 0.00 min

Lab File: BM001163.D

Acq: 02 May 2015 11:39

Instrument :

BNA_M

ClientSampleId :

MWJ-1MSD

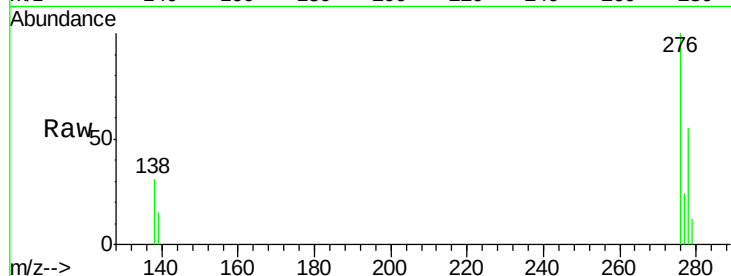
Tgt Ion: 276 Resp: 154121

Ion Ratio Lower Upper

276 100

138 31.4 24.2 36.4

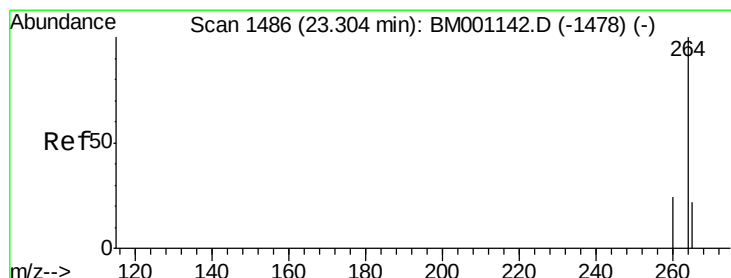
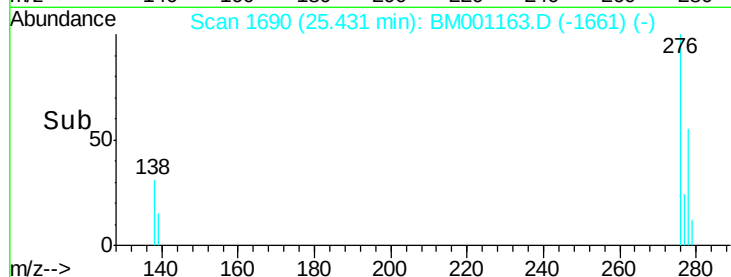
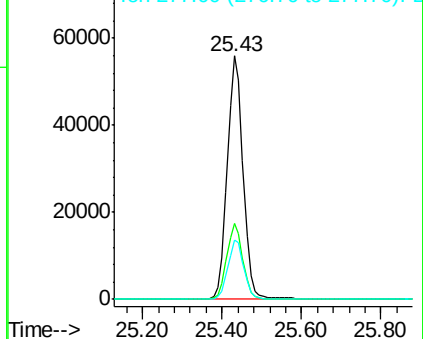
277 24.6 19.8 29.6



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



#30

Perylene-d12

Concen: 5.00 ng

RT: 23.29 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BM001163.D

Acq: 02 May 2015 11:39

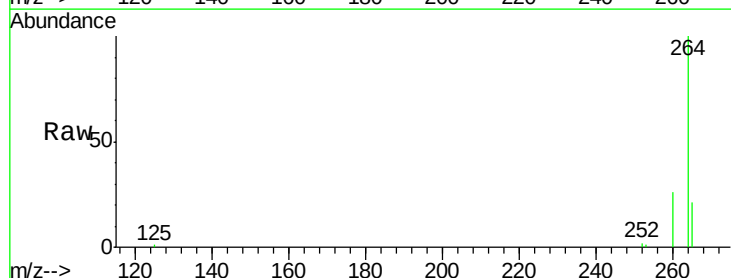
Tgt Ion: 264 Resp: 53502

Ion Ratio Lower Upper

264 100

260 26.0 18.9 28.3

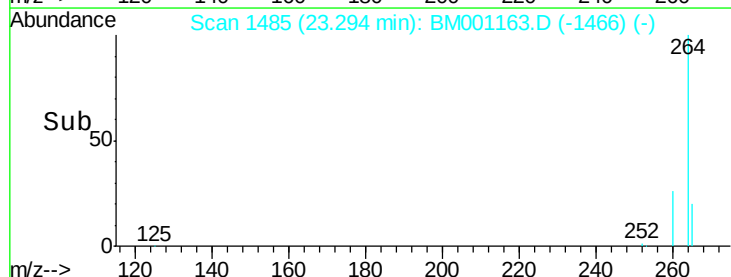
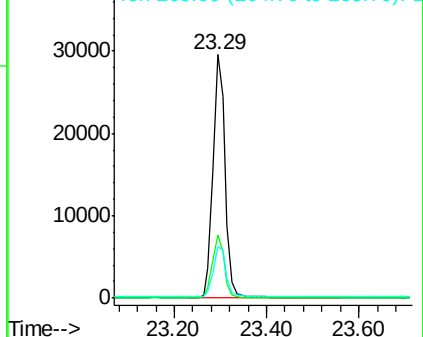
265 21.0 18.1 27.1

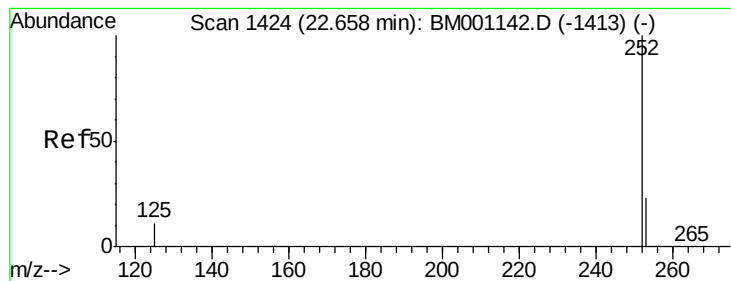


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#31

Benzo(b)fluoranthene

Concen: 10.35 ng

RT: 22.65 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BM001163.D

Acq: 02 May 2015 11:39

Instrument :

BNA_M

ClientSampleId :

MWJ-1MSD

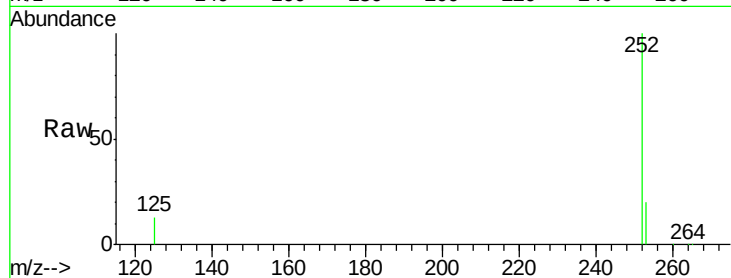
Tgt Ion:252 Resp: 170521

Ion Ratio Lower Upper

252 100

253 20.3 19.0 28.4

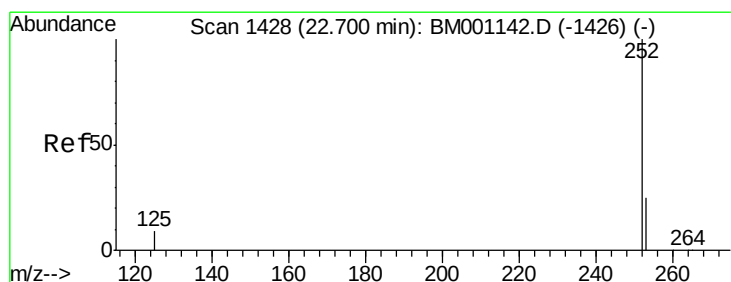
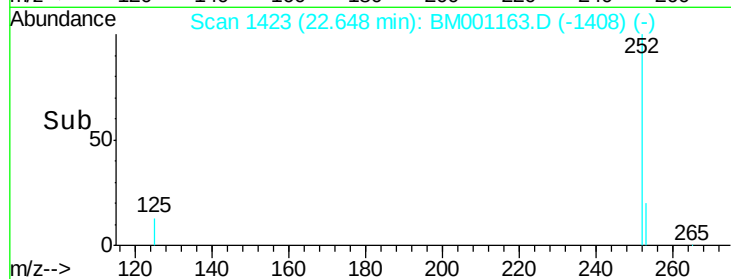
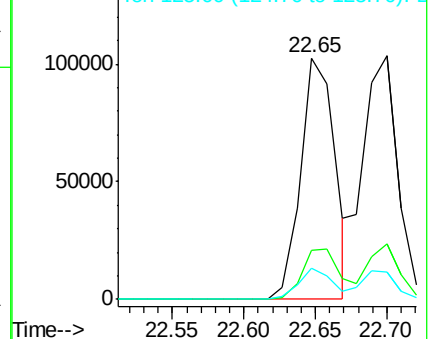
125 12.8 9.1 13.7



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



#32

Benzo(k)fluoranthene

Concen: 11.40 ng

RT: 22.70 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BM001163.D

Acq: 02 May 2015 11:39

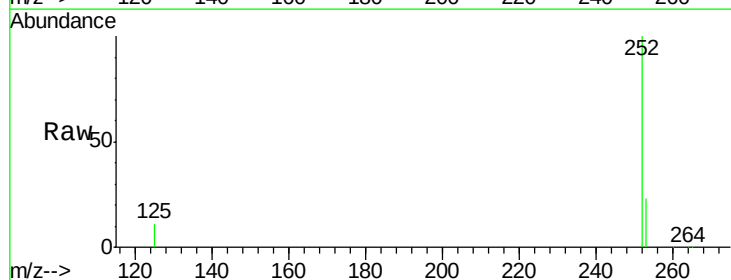
Tgt Ion:252 Resp: 175911

Ion Ratio Lower Upper

252 100

253 22.6 19.1 28.7

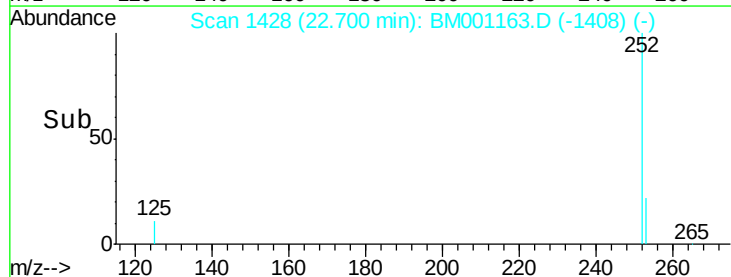
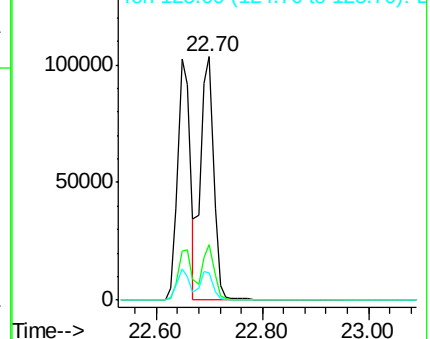
125 11.1 9.3 13.9

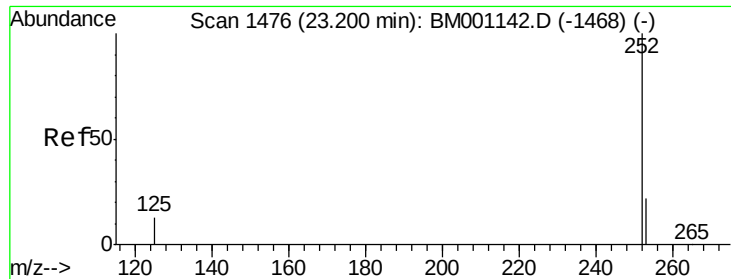


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#33

Benzo(a)pyrene

Concen: 11.36 ng

RT: 23.20 min Scan# 1476

Delta R.T. 0.00 min

Lab File: BM001163.D

Acq: 02 May 2015 11:39

Instrument :

BNA_M

ClientSampleId :

MWJ-1MSD

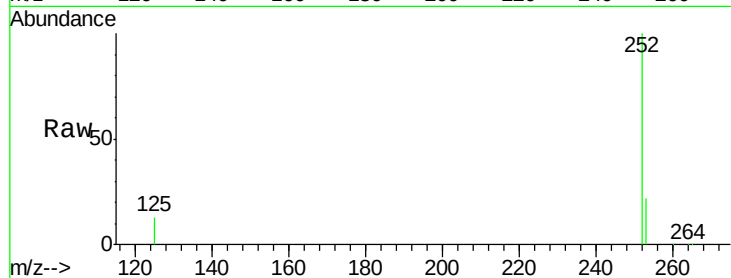
Tgt Ion:252 Resp: 157913

Ion Ratio Lower Upper

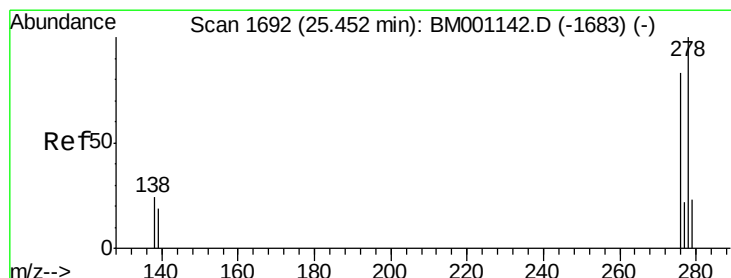
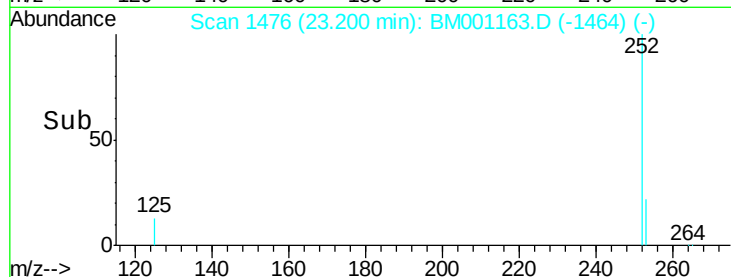
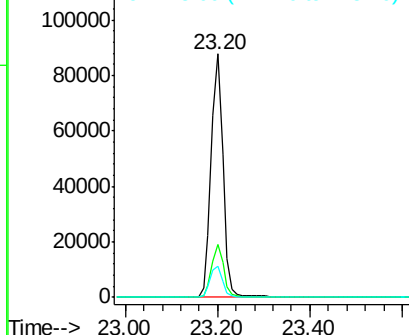
252 100

253 22.0 18.2 27.2

125 12.9 10.6 16.0



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



#34

Dibenzo(a,h)anthracene

Concen: 10.20 ng

RT: 25.44 min Scan# 1691

Delta R.T. 0.00 min

Lab File: BM001163.D

Acq: 02 May 2015 11:39

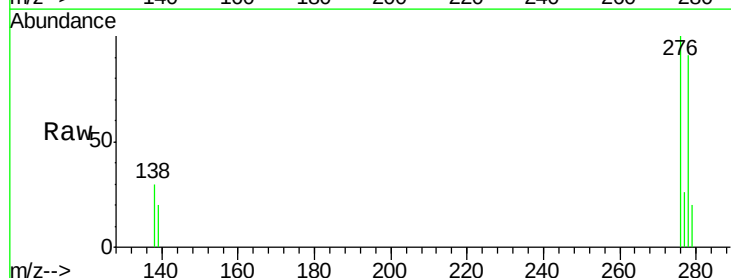
Tgt Ion:278 Resp: 124353

Ion Ratio Lower Upper

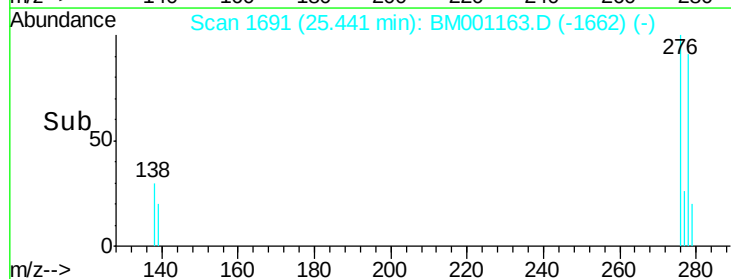
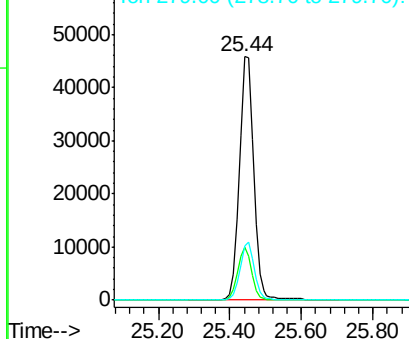
278 100

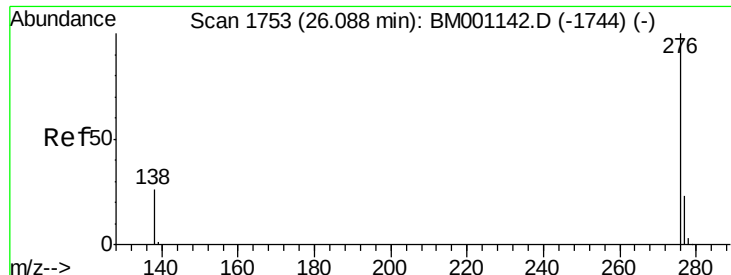
139 22.0 15.5 23.3

279 22.4 19.7 29.5



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





#35

Benzo(g,h,i)perylene

Concen: 9.89 ng

RT: 26.09 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BM001163.D

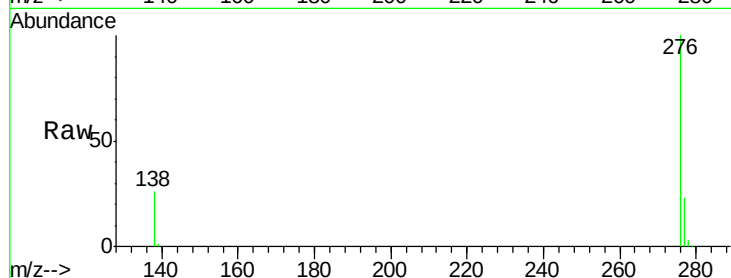
Acq: 02 May 2015 11:39

Instrument :

BNA_M

ClientSampleId :

MWJ-1MSD



Tgt Ion: 276 Resp: 127236

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 26.0 21.3 31.9

