

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
 Data File : BM003747.D
 Acq On : 23 Dec 2015 17:30
 Operator : UM/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 24 01:26:38 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 01:22:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	44284	5.00	ng	0.00
7) Naphthalene-d8	10.48	136	182583	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	103995	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	198098	5.00	ng	0.00
26) Chrysene-d12	21.27	240	219191	5.00	ng	-0.02
35) Perylene-d12	23.52	264	193803	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	2199	0.25	ng	0.00
5) Phenol-d6	6.87	99	2614	0.24	ng	0.00
8) Nitrobenzene-d5	8.85	82	1913	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	1938	0.89	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	6391	0.20	ng	0.00
29) Terphenyl-d14	19.72	244	43604	1.22	ng	0.00

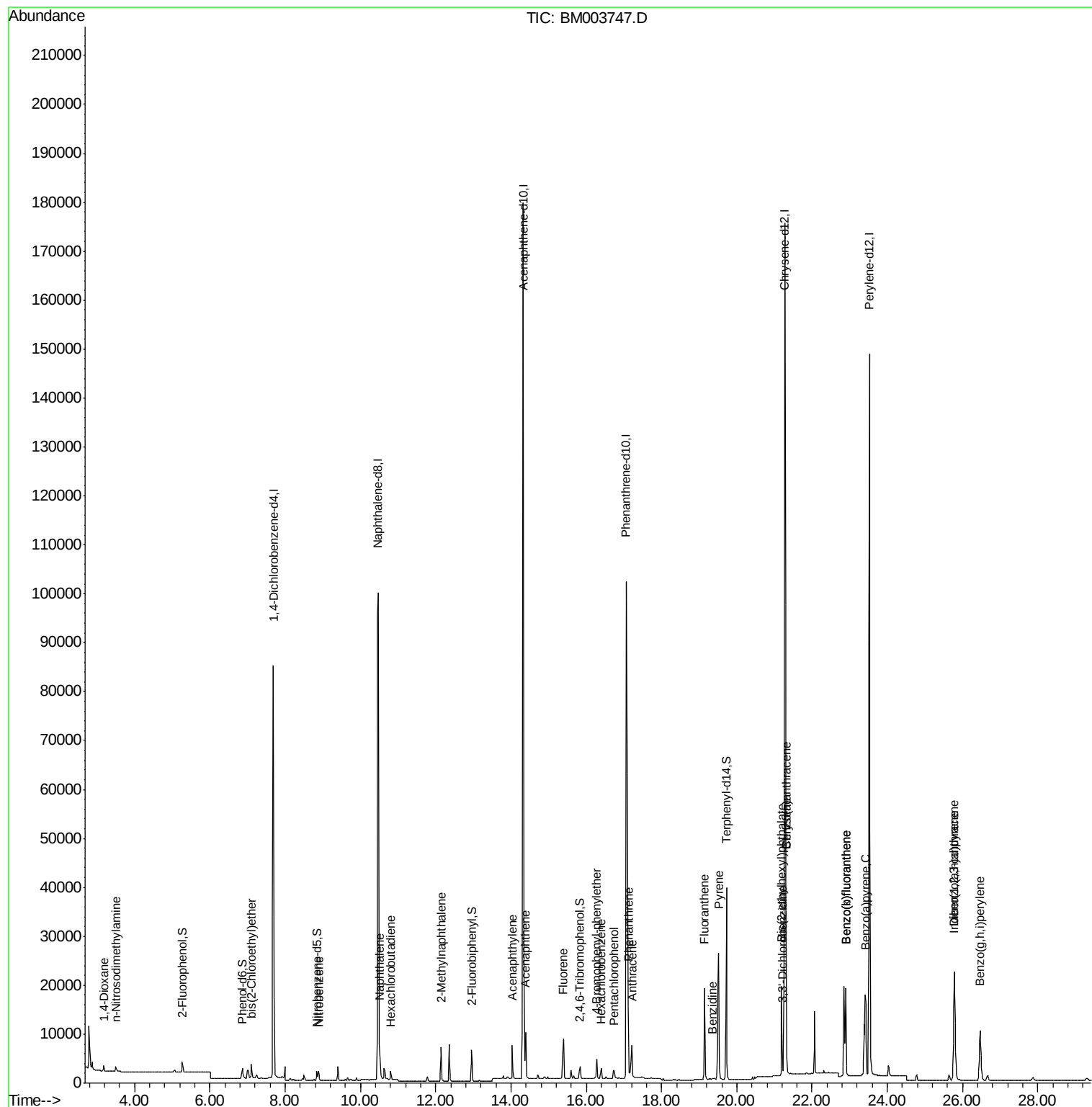
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	1032	0.26	ng	94
3) n-Nitrosodimethylamine	3.51	42	916	0.22	ng	# 93
6) bis(2-Chloroethyl)ether	7.11	93	2265	0.22	ng	99
9) Nitrobenzene	8.89	77	2131	0.23	ng	98
10) Naphthalene	10.51	128	8740	0.22	ng	98
11) Hexachlorobutadiene	10.80	225	1346	0.22	ng	99
12) 2-Methylnaphthalene	12.14	142	5563	0.21	ng	97
16) Acenaphthylene	14.04	152	9020	0.22	ng	100
17) Acenaphthene	14.39	154	6274	0.23	ng	98
18) Fluorene	15.39	166	7202	0.23	ng	100
20) 4-Bromophenyl-phenylether	16.27	248	2406	0.37	ng	95
21) Hexachlorobenzene	16.40	284	2458	0.33	ng	# 100
22) Pentachlorophenol	16.73	266	2251	1.03	ng	# 70
23) Phenanthrene	17.11	178	16583	0.40	ng	99
24) Anthracene	17.22	178	10958	0.27	ng	99
25) Fluoranthene	19.14	202	24384	0.59	ng	100
27) Benzidine	19.35	184	539	0.03	ng	# 21
28) Pyrene	19.52	202	28337	0.36	ng	99
30) Benzo(a)anthracene	21.31	228	56383	0.96	ng	# 87
31) 3,3'-Dichlorobenzidine	21.21	252	5385	0.35	ng	# 99
32) Chrysene	21.31	228	56531	0.83	ng	98
33) Bis(2-ethylhexyl)phthalate	21.19	149	18227	0.60	ng	# 98
34) Indeno(1,2,3-cd)pyrene	25.77	276	24223	0.47	ng	100
36) Benzo(b)fluoranthene	22.89	252	21062	0.36	ng	98
37) Benzo(k)fluoranthene	22.89	252	21062	0.40	ng	98
38) Benzo(a)pyrene	23.42	252	23446	0.48	ng	97
39) Dibenzo(a,h)anthracene	25.78	278	20699	0.47	ng	96
40) Benzo(g,h,i)perylene	26.47	276	21236	0.45	ng	99

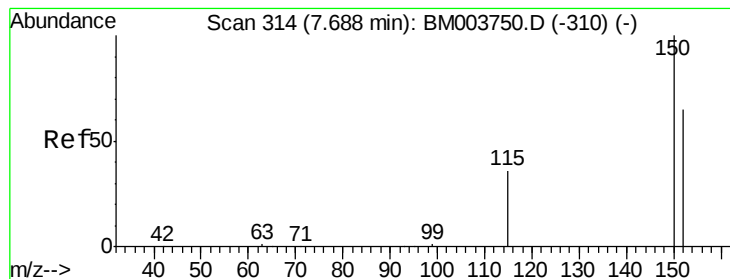
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 24 01:26:38 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 01:22:48 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.69 min Scan# 314

Delta R.T. 0.00 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

Instrument :

BNA_M

ClientSampleId :

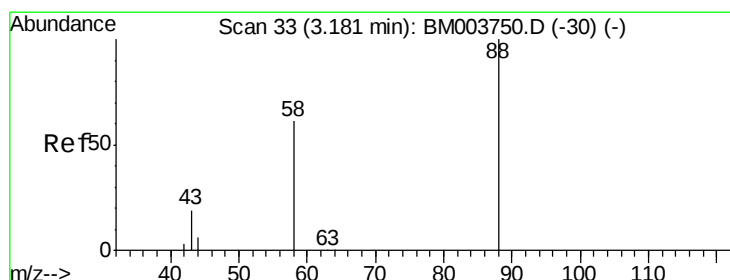
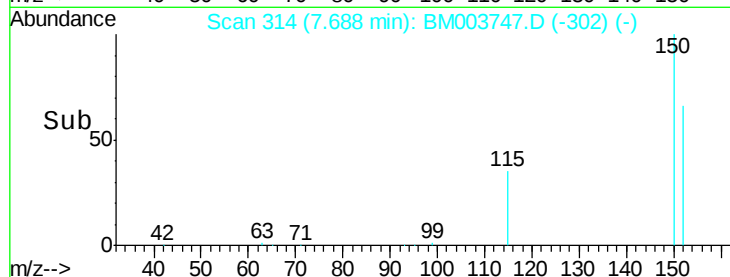
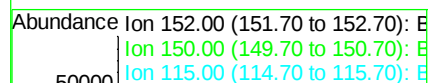
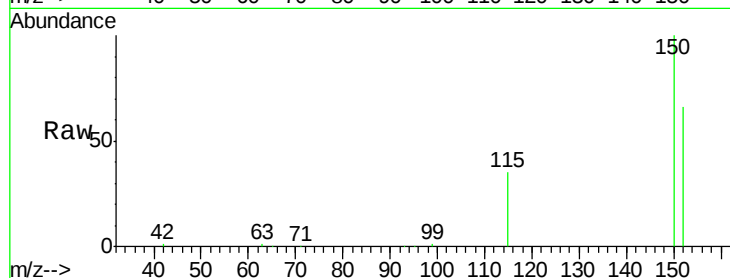
Tot Ion:152 Resp: 44284

Ion Ratio Lower Upper

152 100

150 151.1 122.9 184.3

115 53.6 44.4 66.6



#2

1,4-Dioxane

Concen: 0.26 ng

RT: 3.18 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

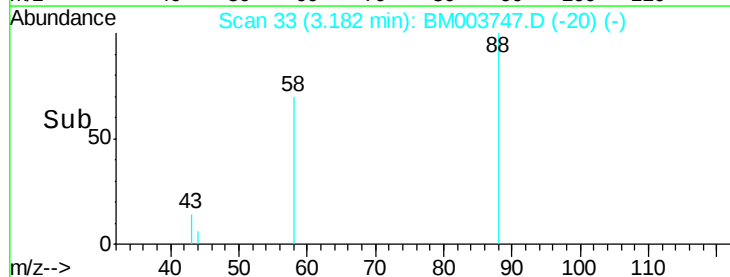
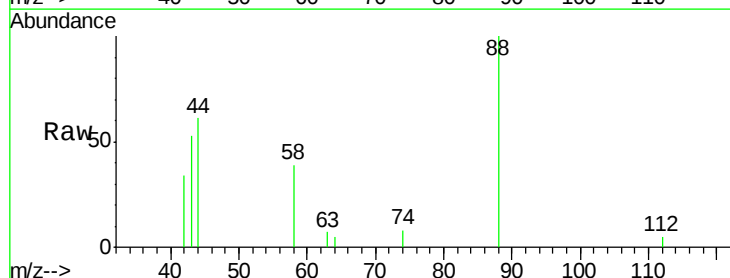
Tgt Ion: 88 Resp: 1032

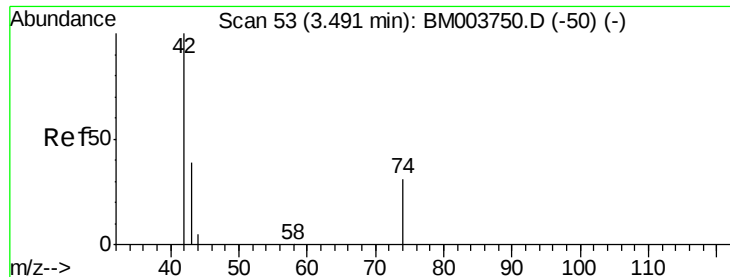
Ion Ratio Lower Upper

88 100

58 61.4 53.8 80.6

43 31.4 23.8 35.6





#3

n-Nitrosodimethylamine

Concen: 0.22 ng

RT: 3.51 min Scan# 54

Delta R.T. 0.02 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

Instrument :

BNA_M

ClientSampled :

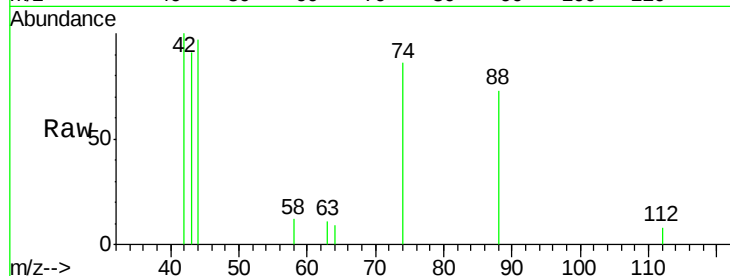
Tot Ion: 42 Resp: 916

Ion Ratio Lower Upper

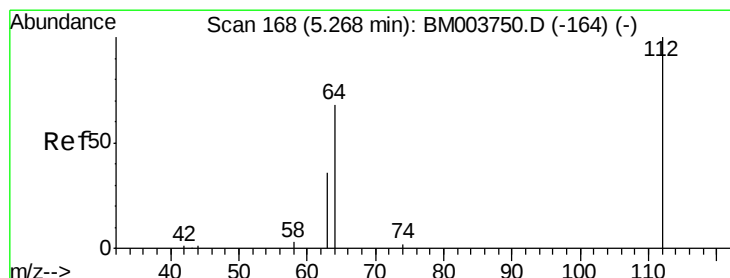
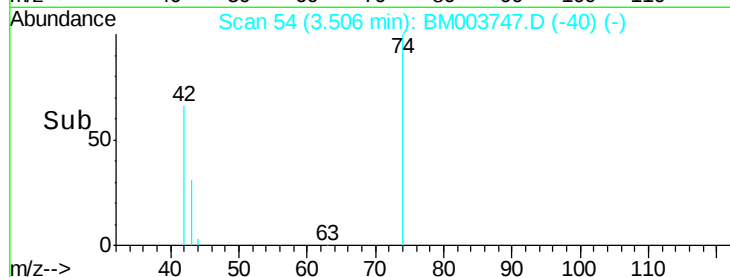
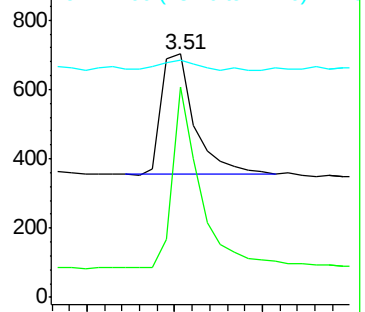
42 100

74 126.3 95.0 142.4

44 9.6 5.1 7.7#



Abundance Ion 42.00 (41.70 to 42.70): BM003747.D (-50) (-)



#4

2-Fluorophenol

Concen: 0.25 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

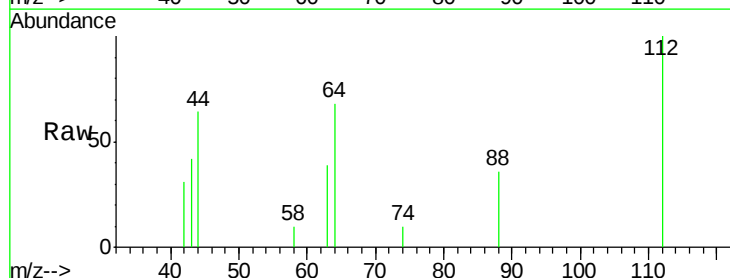
Tgt Ion: 112 Resp: 2199

Ion Ratio Lower Upper

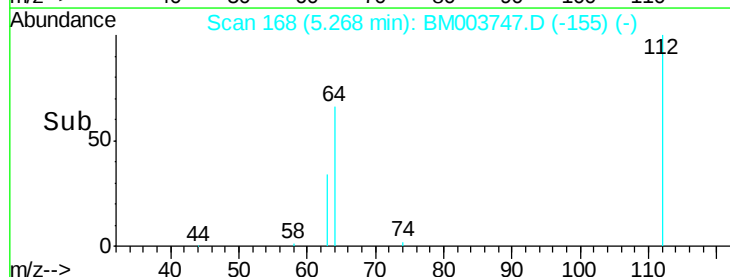
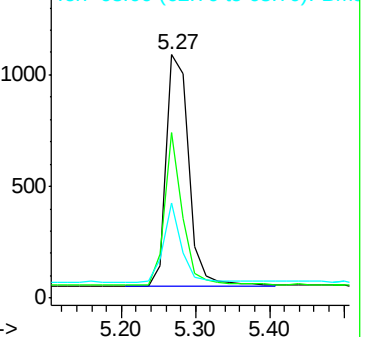
112 100

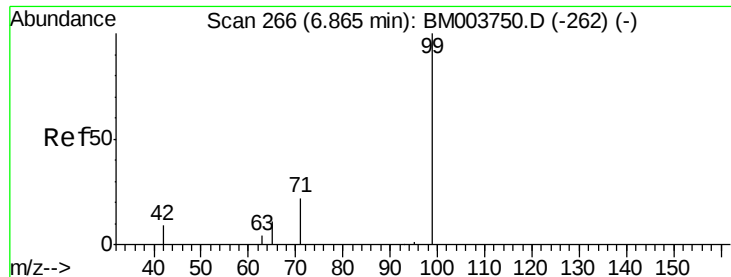
64 52.1 41.8 62.8

63 27.6 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): BM003747.D (-164) (-)





#5

Phenol-d6

Concen: 0.24 ng

RT: 6.87 min Scan# 266

Delta R.T. 0.00 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

Instrument :

BNA_M

ClientSampleId :

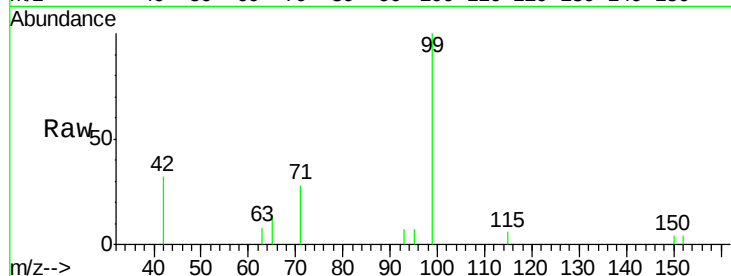
Tot Ion: 99 Resp: 2614

Ion Ratio Lower Upper

99 100

42 20.2 16.2 24.2

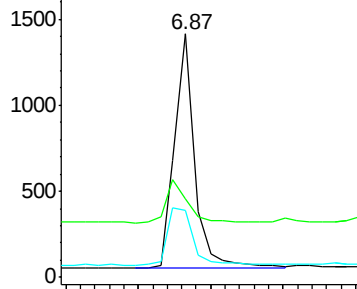
71 31.1 24.4 36.6



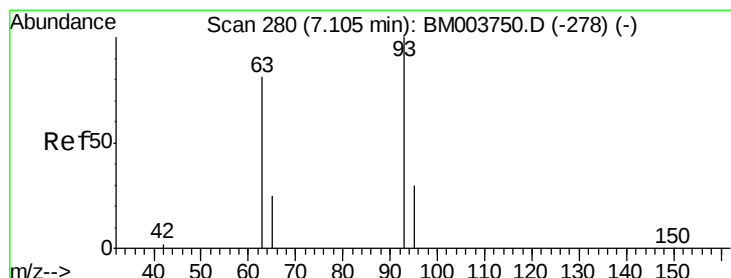
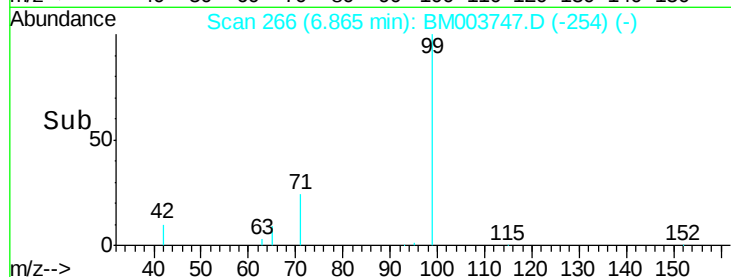
Abundance Ion 99.00 (98.70 to 99.70): BM003747.D (-262) (-)

Ion 42.00 (41.70 to 42.70): BM003747.D (-262) (-)

Ion 71.00 (70.70 to 71.70): BM003747.D (-262) (-)



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.22 ng

RT: 7.11 min Scan# 280

Delta R.T. 0.00 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

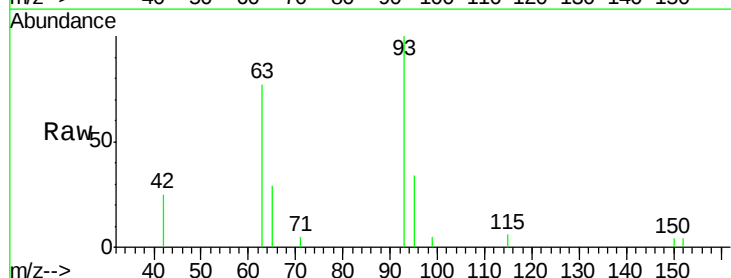
Tgt Ion: 93 Resp: 2265

Ion Ratio Lower Upper

93 100

63 72.5 58.3 87.5

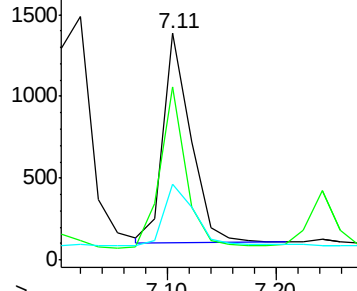
95 33.2 25.8 38.8



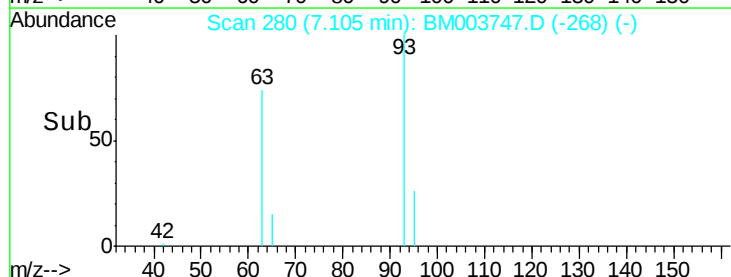
Abundance Ion 93.00 (92.70 to 93.70): BM003747.D (-278) (-)

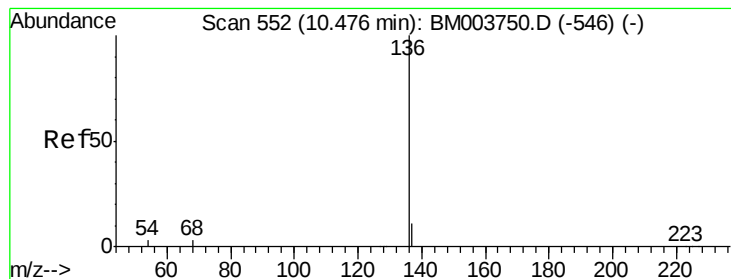
Ion 63.00 (62.70 to 63.70): BM003747.D (-278) (-)

Ion 95.00 (94.70 to 95.70): BM003747.D (-278) (-)



Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.48 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 182583

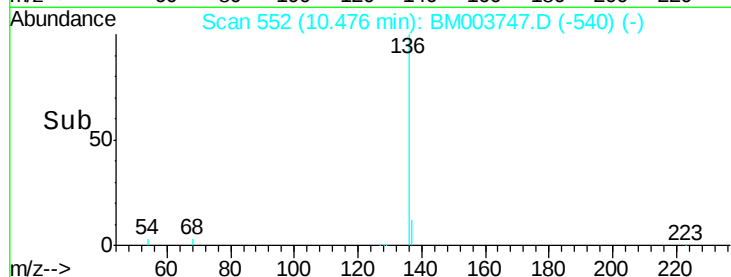
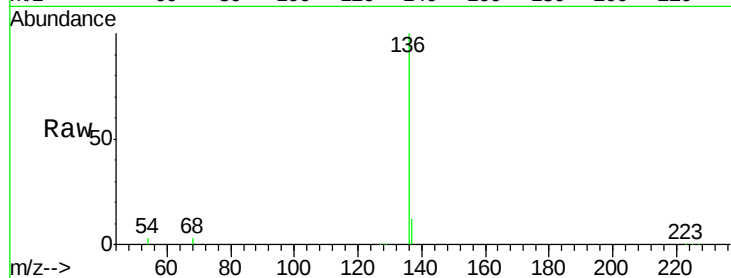
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 3.4 2.8 4.2

68 3.0 2.5 3.7

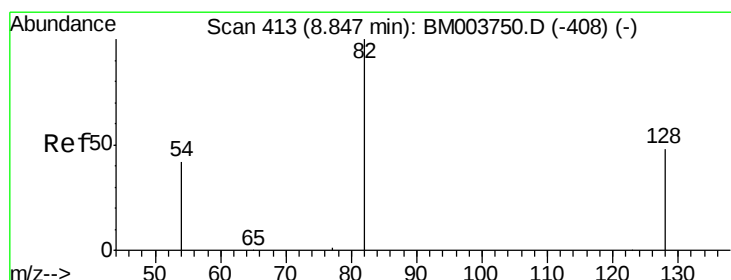
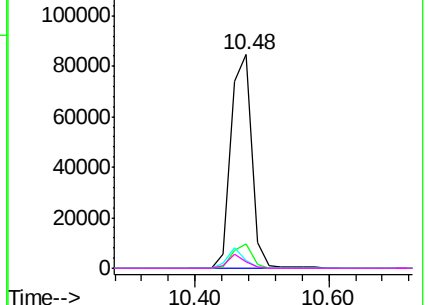


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.22 ng

RT: 8.85 min Scan# 413

Delta R.T. 0.00 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

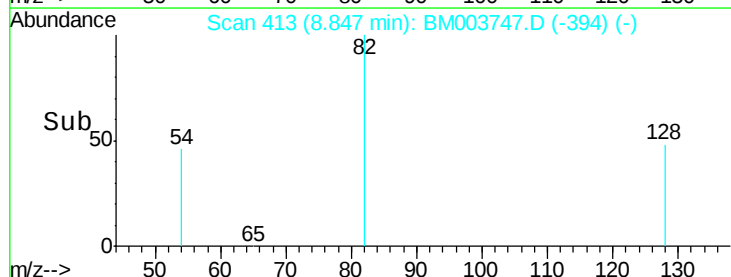
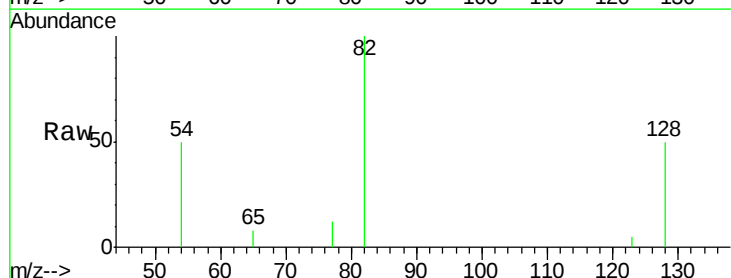
Tgt Ion: 82 Resp: 1913

Ion Ratio Lower Upper

82 100

128 49.5 39.1 58.7

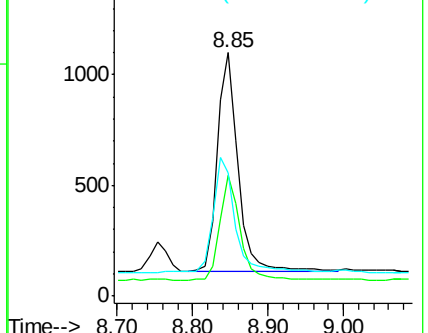
54 50.5 34.8 52.2

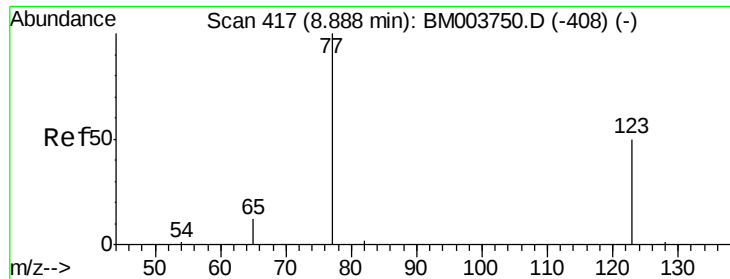


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.23 ng

RT: 8.89 min Scan# 417

Delta R.T. 0.00 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

Instrument :

BNA_M

ClientSampleId :

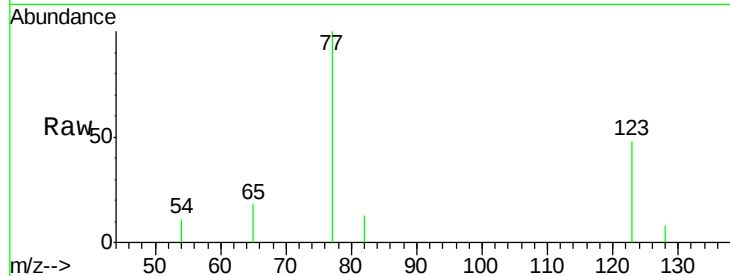
Tot Ion: 77 Resp: 2131

Ion Ratio Lower Upper

77 100

123 47.4 38.6 57.8

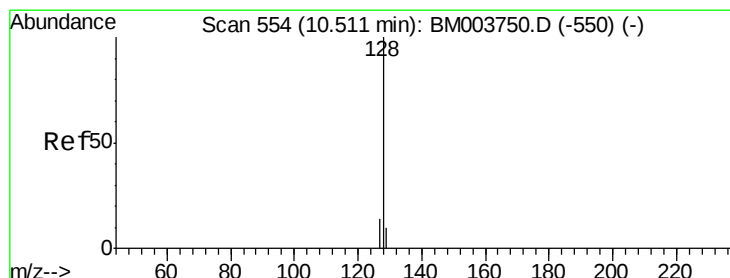
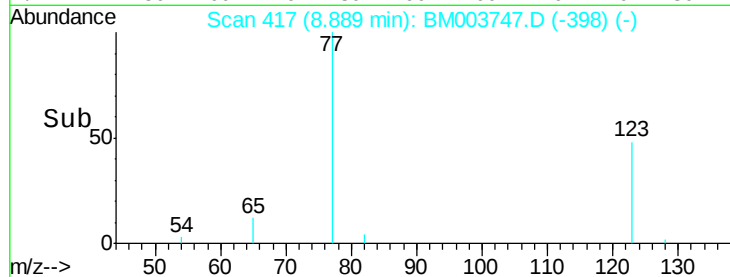
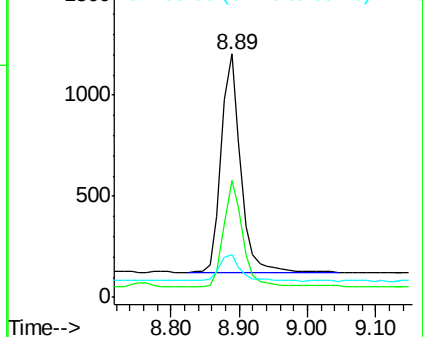
65 13.5 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BM003747.D (-398) (-)

Ion 123.00 (122.70 to 123.70): BM003747.D (-398) (-)

Ion 65.00 (64.70 to 65.70): BM003747.D (-398) (-)



#10

Naphthalene

Concen: 0.22 ng

RT: 10.51 min Scan# 554

Delta R.T. 0.00 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

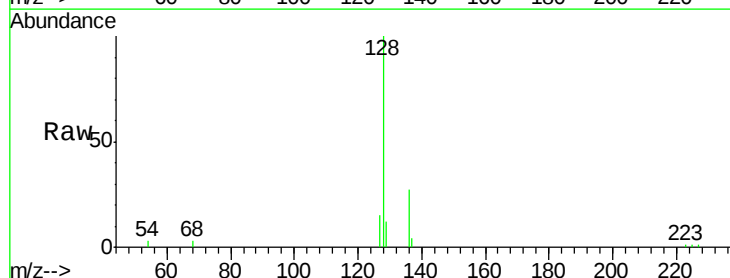
Tgt Ion: 128 Resp: 8740

Ion Ratio Lower Upper

128 100

129 11.6 8.5 12.7

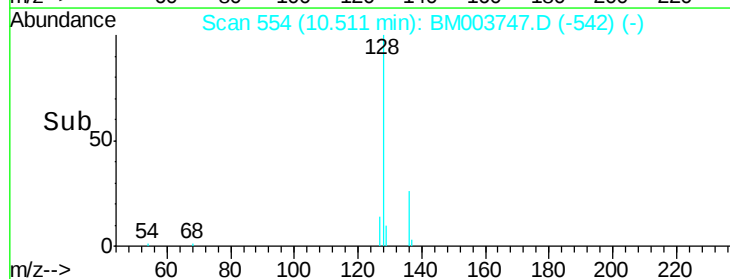
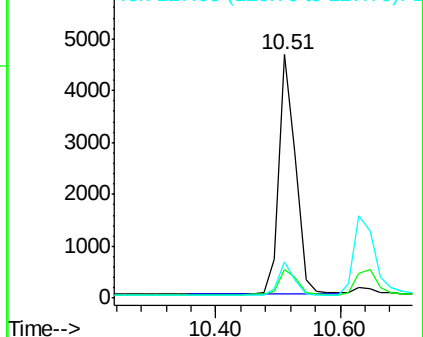
127 14.6 11.0 16.4

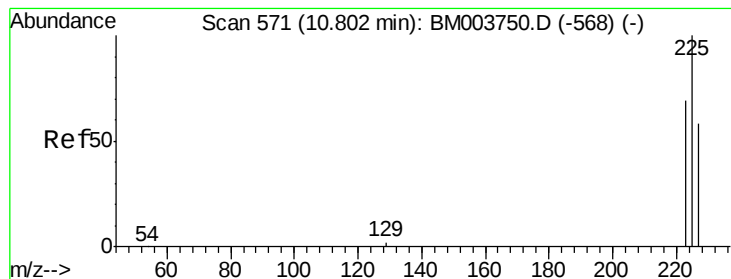


Abundance Ion 128.00 (127.70 to 128.70): BM003747.D (-542) (-)

Ion 129.00 (128.70 to 129.70): BM003747.D (-542) (-)

Ion 127.00 (126.70 to 127.70): BM003747.D (-542) (-)





#11

Hexachlorobutadiene

Concen: 0.22 ng

RT: 10.80 min Scan# 571

Delta R.T. 0.00 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

Instrument :

BNA_M

ClientSampleId :

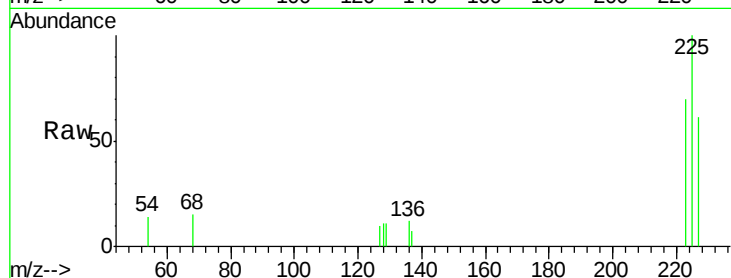
Tot Ion:225 Resp: 1346

Ion Ratio Lower Upper

225 100

223 62.9 50.9 76.3

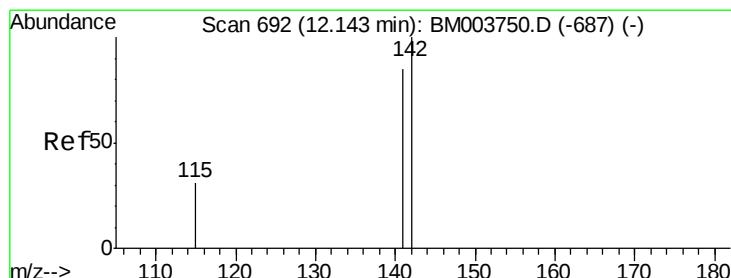
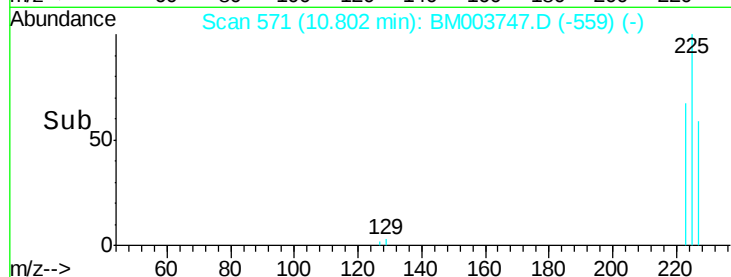
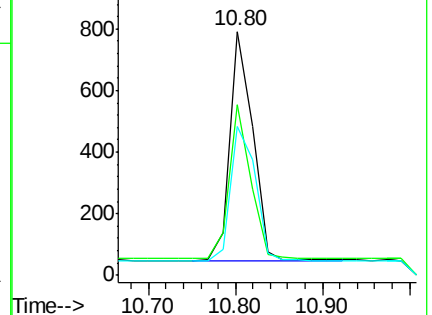
227 64.1 51.2 76.8



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



#12

2-Methylnaphthalene

Concen: 0.21 ng

RT: 12.14 min Scan# 692

Delta R.T. 0.00 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

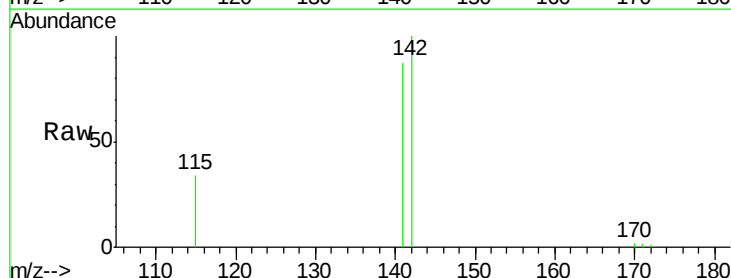
Tgt Ion:142 Resp: 5563

Ion Ratio Lower Upper

142 100

141 87.1 67.8 101.8

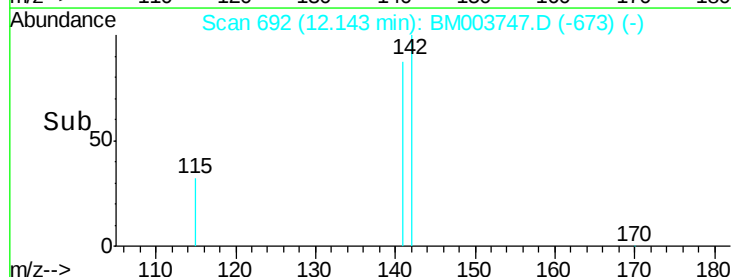
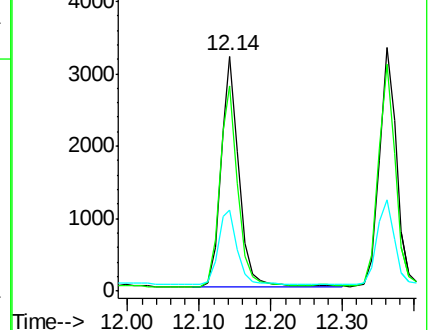
115 34.5 25.3 37.9

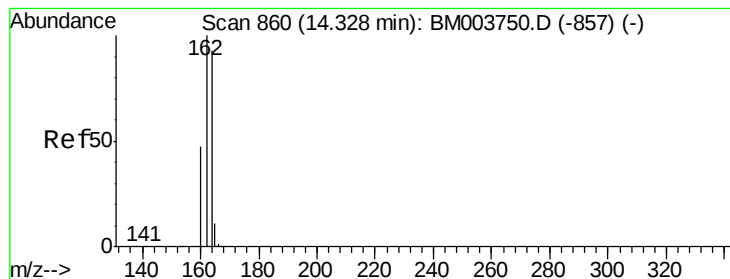


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.33 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

Instrument :

BNA_M

ClientSampleId :

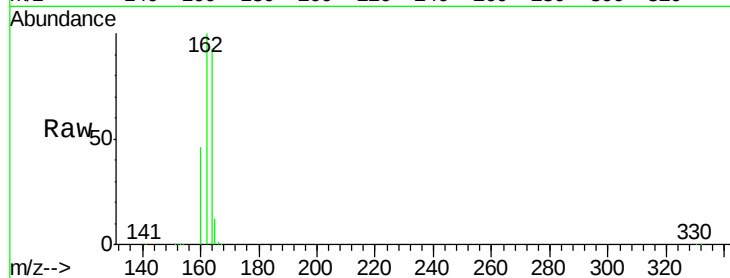
Tot Ion:164 Resp: 103995

Ion Ratio Lower Upper

164 100

162 107.3 86.0 129.0

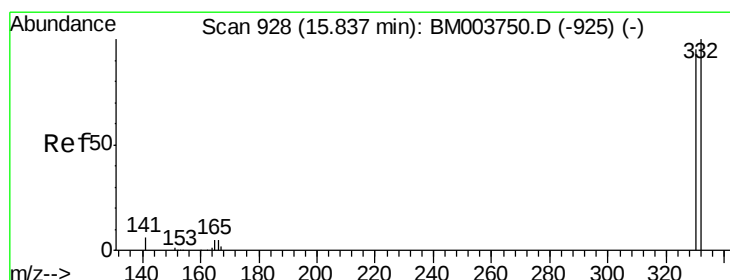
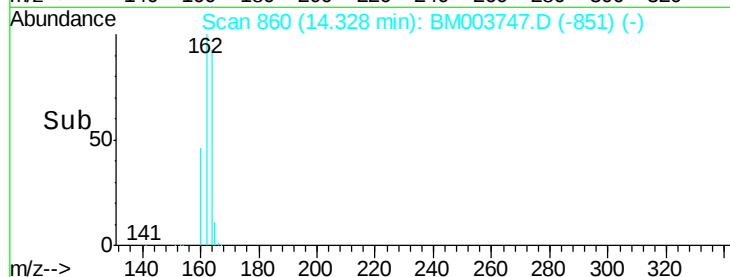
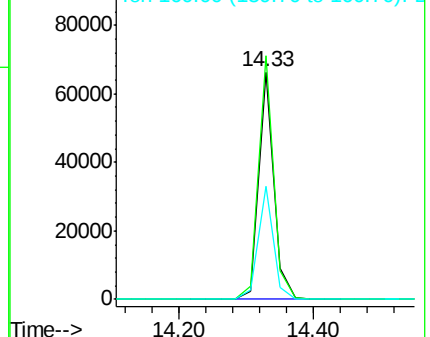
160 49.7 40.3 60.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.89 ng

RT: 15.84 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

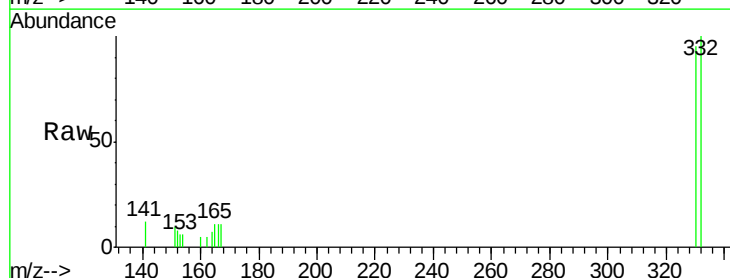
Tgt Ion:330 Resp: 1938

Ion Ratio Lower Upper

330 100

332 98.7 79.0 118.4

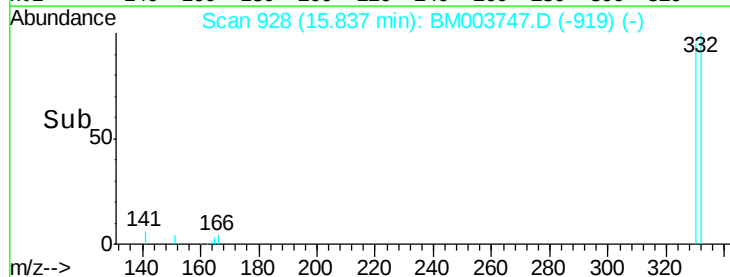
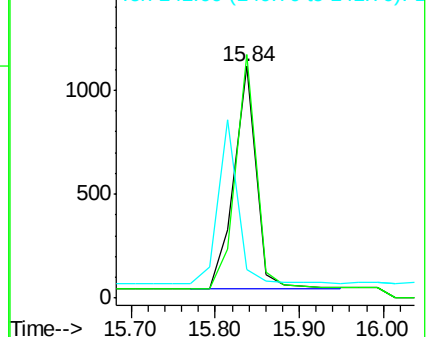
141 0.0 0.0 0.0

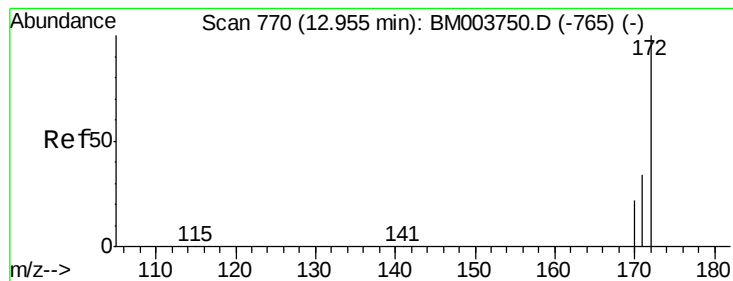


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

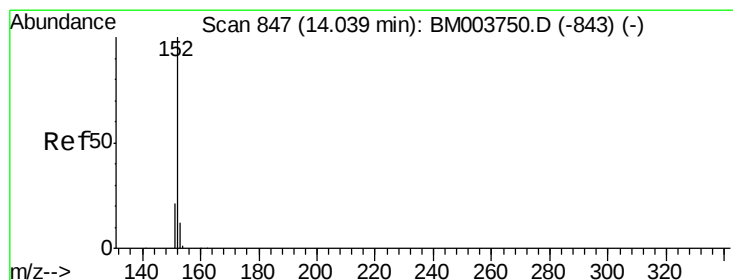
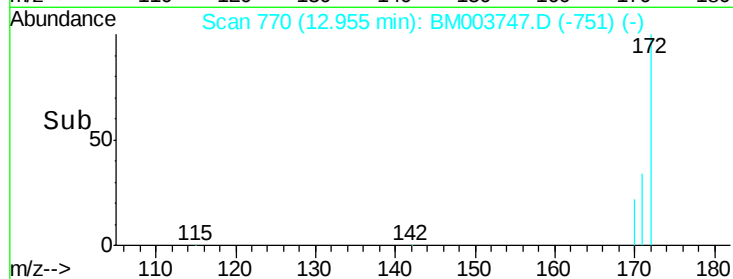
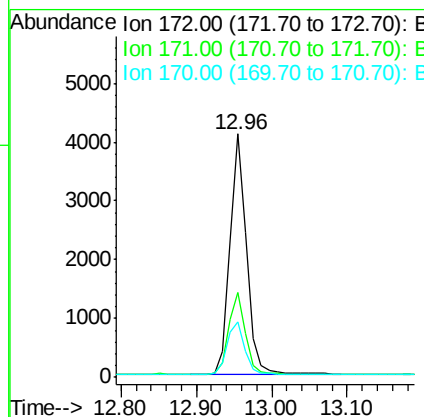
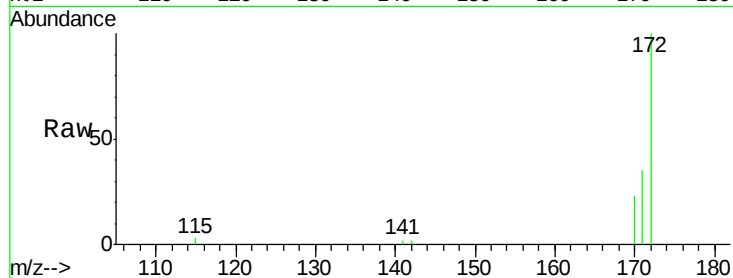




#15
2-Fluorobiphenyl
Concen: 0.20 ng
RT: 12.96 min Scan# 770
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

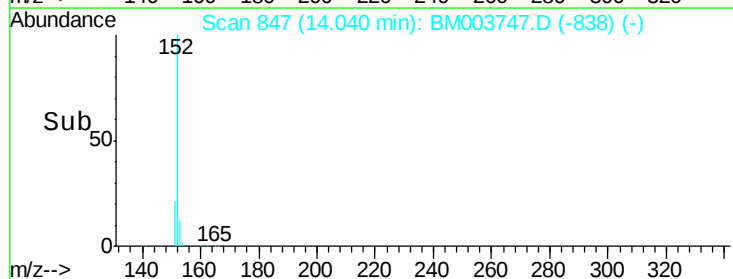
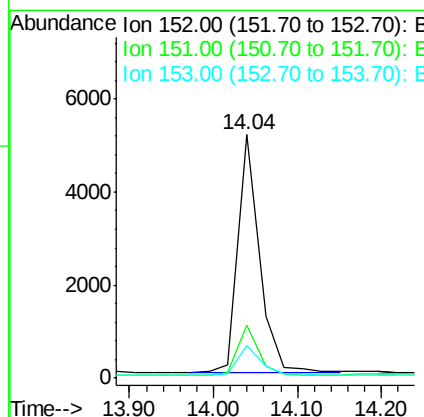
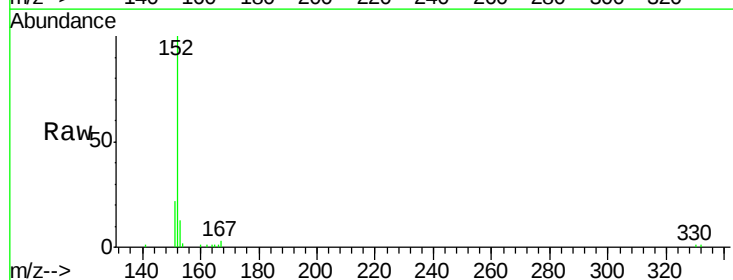
Instrument :
BNA_M
ClientSampleId :

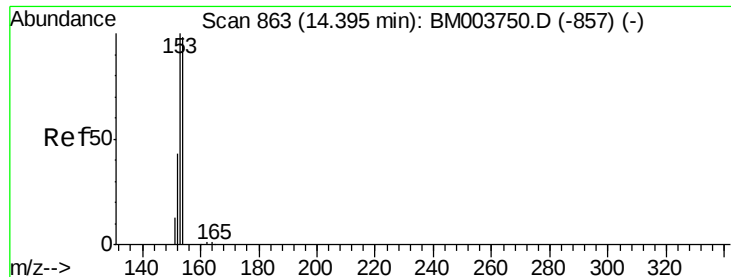
Tot Ion:172 Resp: 6391
Ion Ratio Lower Upper
172 100
171 34.7 27.0 40.6
170 22.9 17.9 26.9



#16
Acenaphthylene
Concen: 0.22 ng
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion:152 Resp: 9020
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 12.7 10.2 15.4

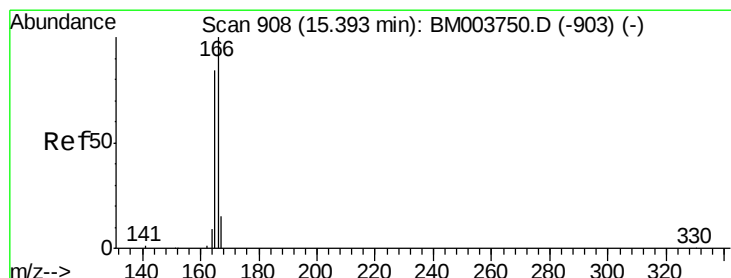
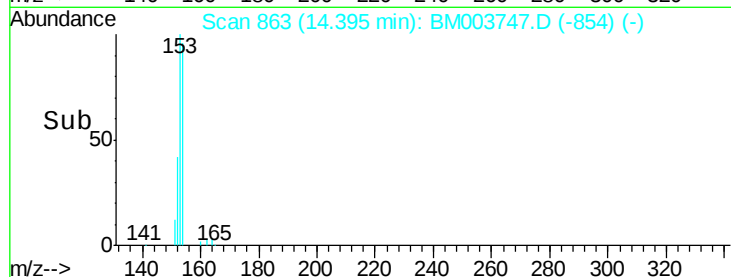
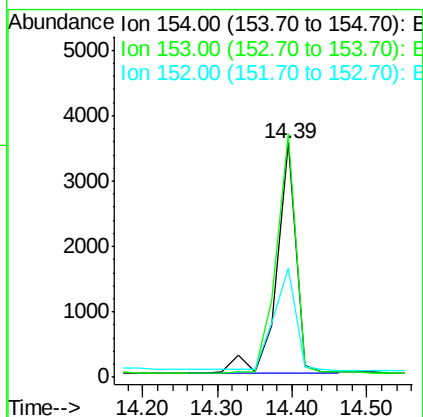
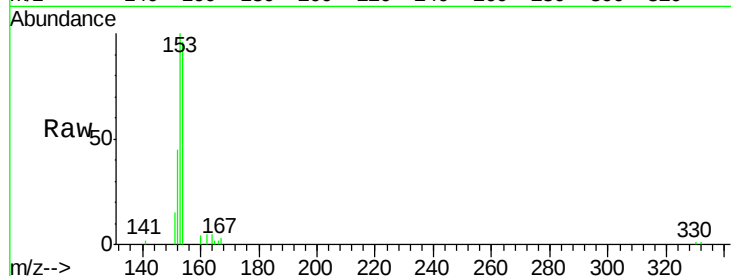




#17
Acenaphthene
Concen: 0.23 ng
RT: 14.39 min Scan# 863
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

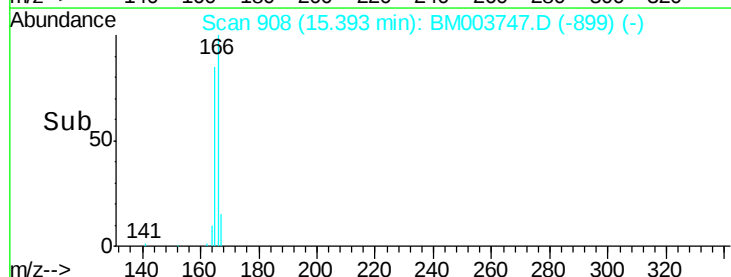
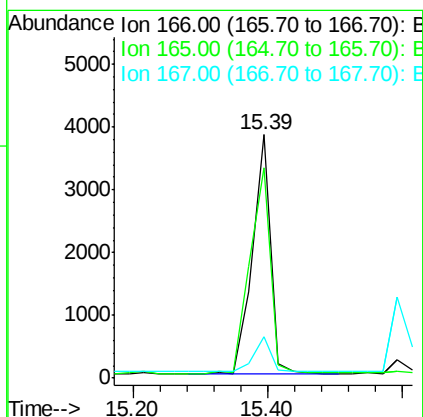
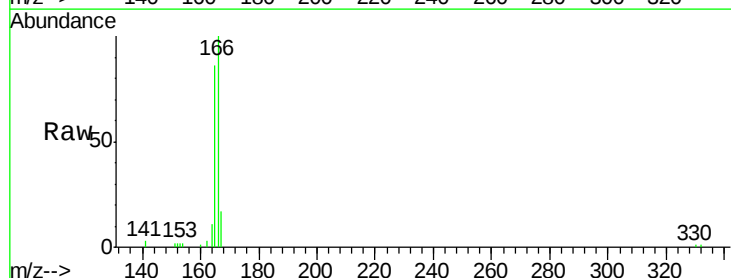
Instrument :
BNA_M
ClientSampleId :

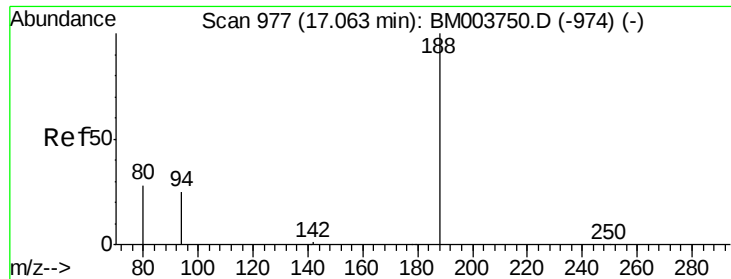
Tot Ion:154 Resp: 6274
Ion Ratio Lower Upper
154 100
153 104.0 85.4 128.2
152 49.8 40.6 60.8



#18
Fluorene
Concen: 0.23 ng
RT: 15.39 min Scan# 908
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion:166 Resp: 7202
Ion Ratio Lower Upper
166 100
165 96.5 77.2 115.8
167 13.6 11.0 16.6

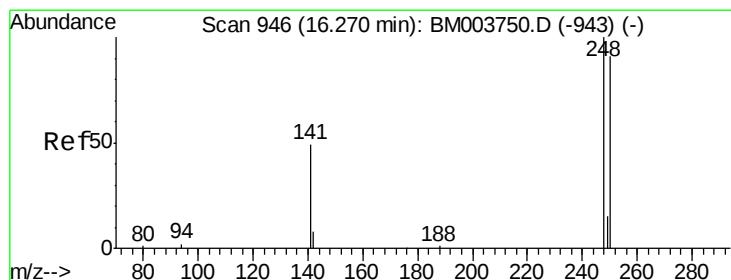
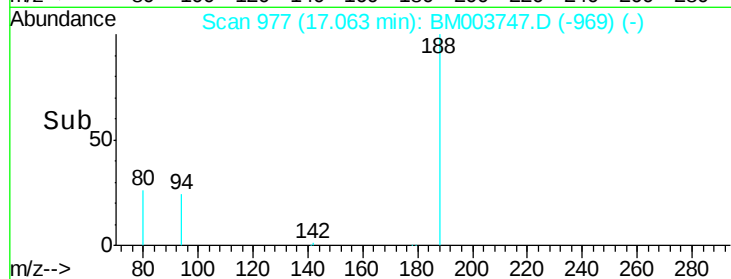
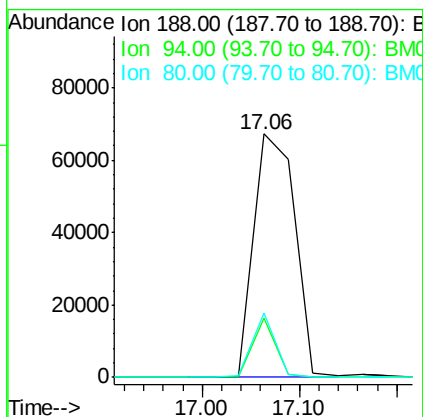
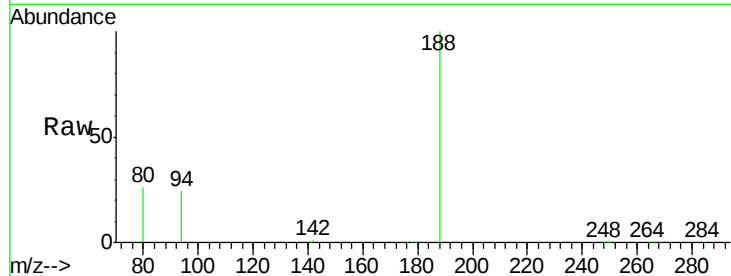




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

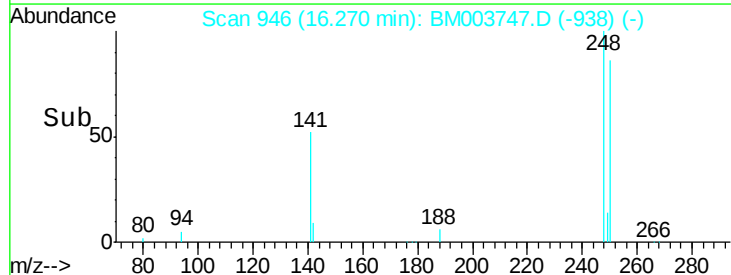
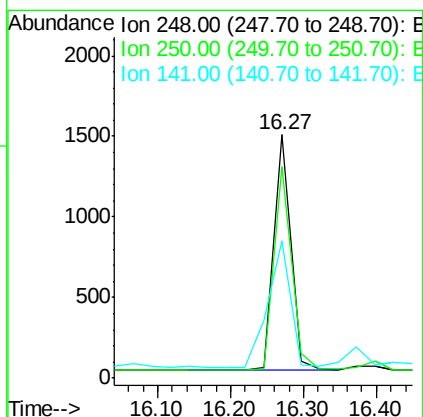
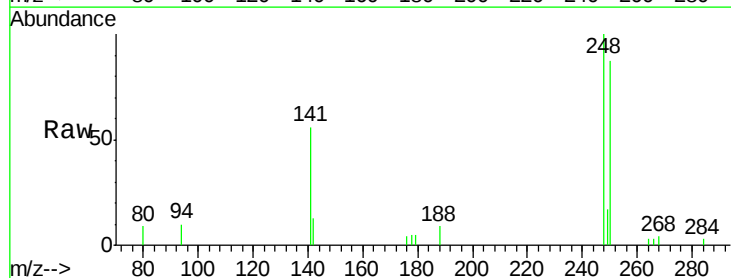
Instrument :
BNA_M
ClientSampleId :

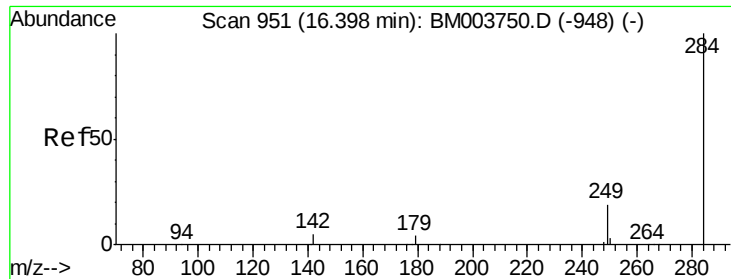
Tot Ion	Ratio	Lower	Upper
188	100		
94	24.1	20.3	30.5
80	26.4	22.2	33.4



#20
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.27 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion	Ratio	Lower	Upper
248	100		
250	88.7	75.0	112.4
141	69.4	53.0	79.4

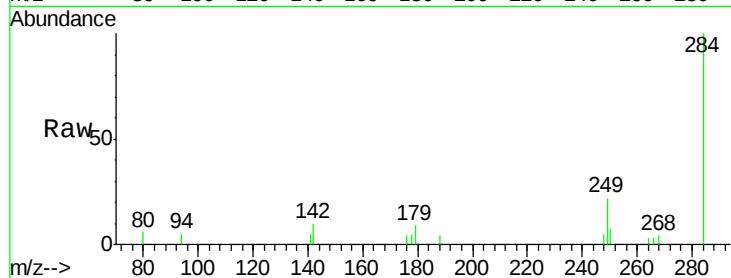




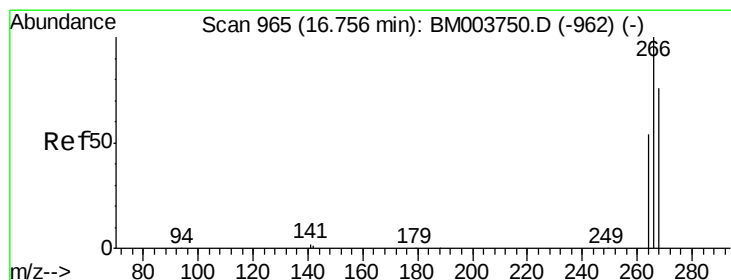
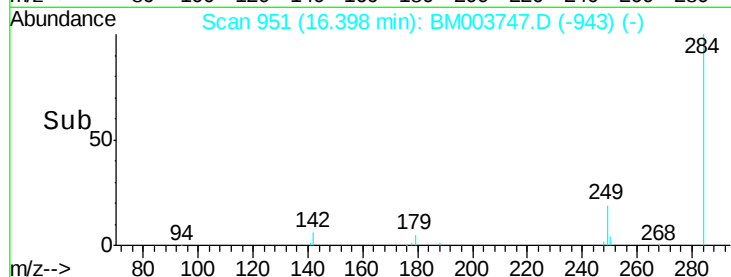
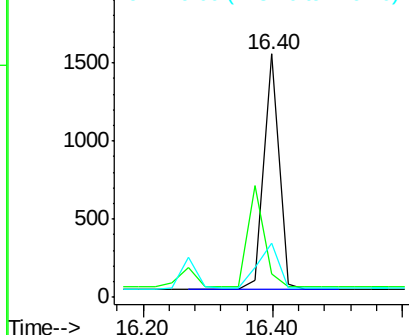
#21
Hexachlorobenzene
Concen: 0.33 ng
RT: 16.40 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion:284 Resp: 2458
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 26.9 21.5 32.3

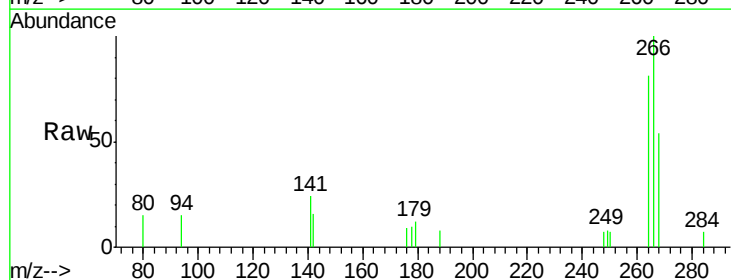


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

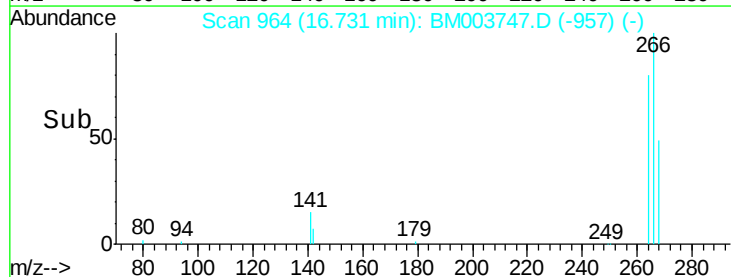
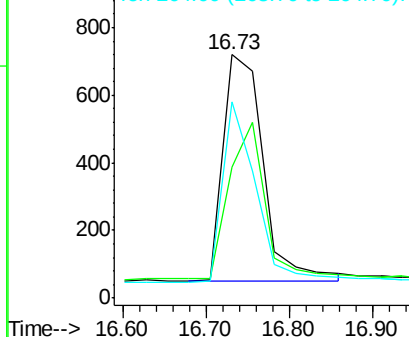


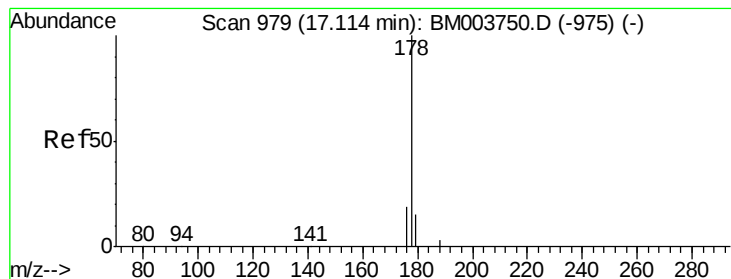
#22
Pentachlorophenol
Concen: 1.03 ng
RT: 16.73 min Scan# 964
Delta R.T. -0.03 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion:266 Resp: 2251
Ion Ratio Lower Upper
266 100
268 53.6 62.7 94.1#
264 80.8 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: 0.40 ng

RT: 17.11 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

Instrument :

BNA_M

ClientSampleId :

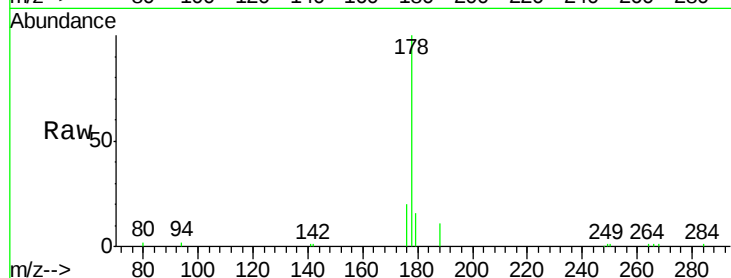
Tot Ion:178 Resp: 16583

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

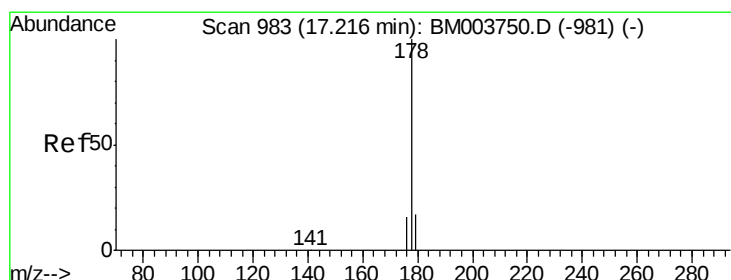
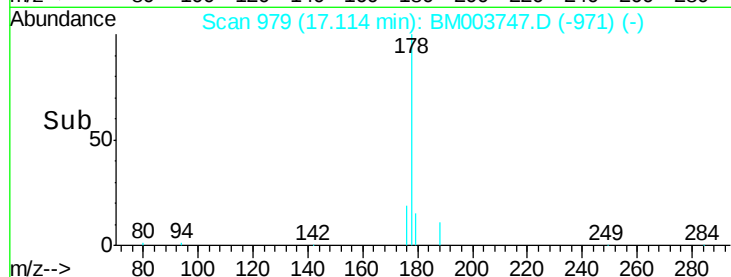
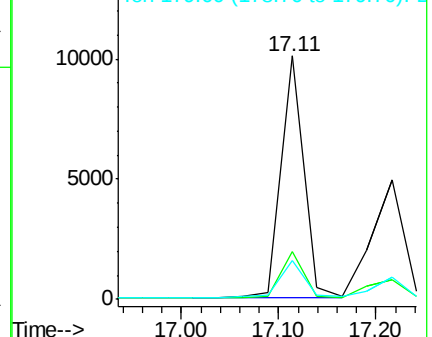
179 16.4 12.2 18.4



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: 0.27 ng

RT: 17.22 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

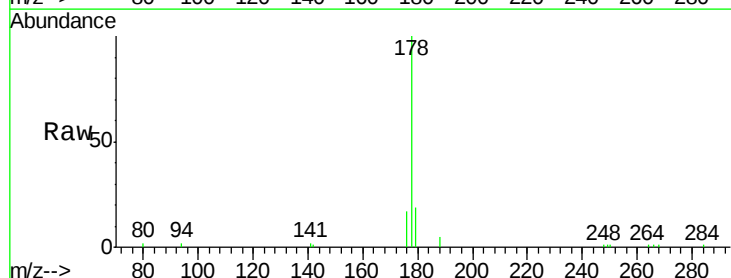
Tgt Ion:178 Resp: 10958

Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

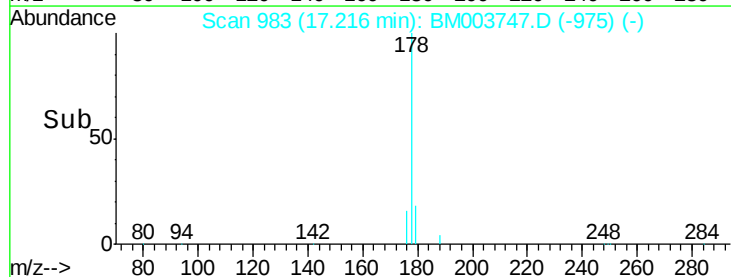
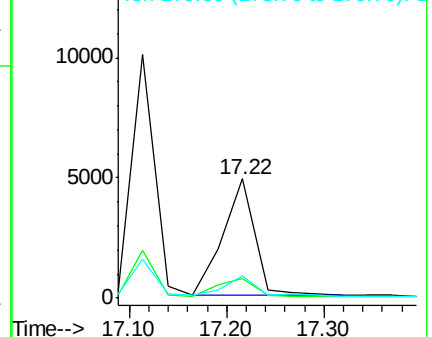
179 16.9 12.6 19.0

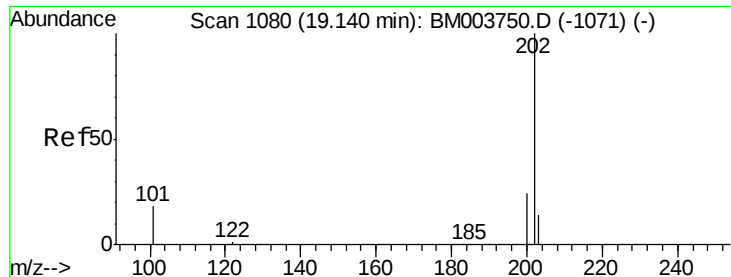


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.59 ng

RT: 19.14 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

Instrument :

BNA_M

ClientSampleId :

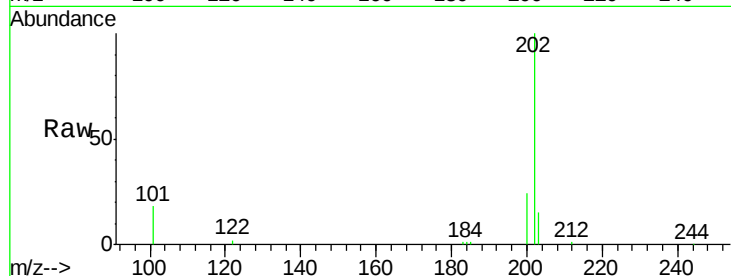
Tot Ion:202 Resp: 24384

Ion Ratio Lower Upper

202 100

101 11.8 9.7 14.5

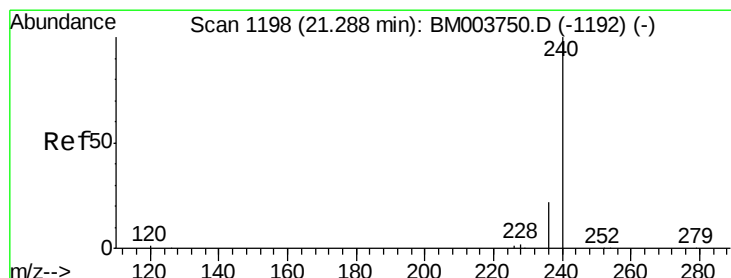
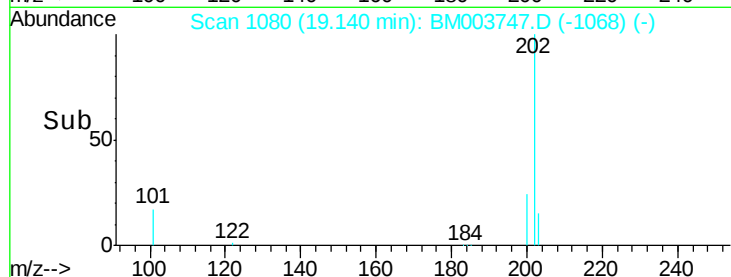
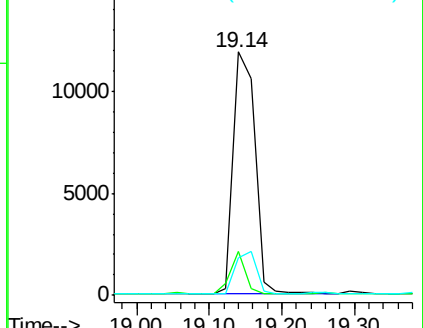
203 17.3 13.8 20.8



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. -0.02 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

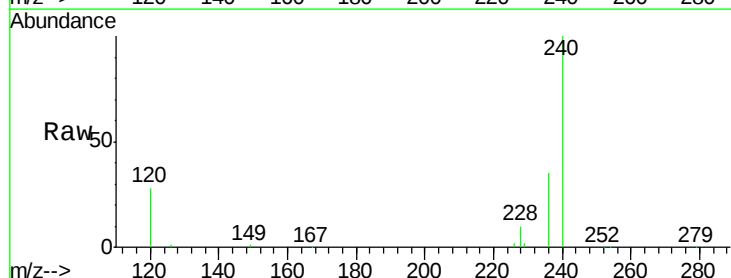
Tgt Ion:240 Resp: 219191

Ion Ratio Lower Upper

240 100

120 28.2 0.9 1.3#

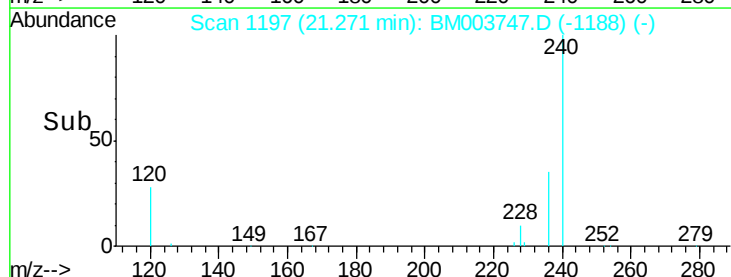
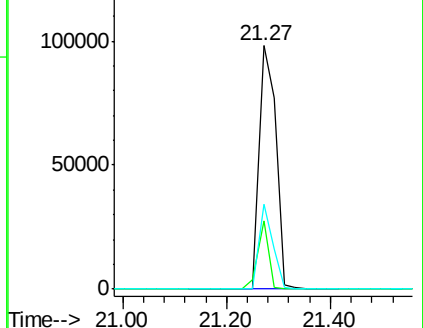
236 34.8 17.3 25.9#

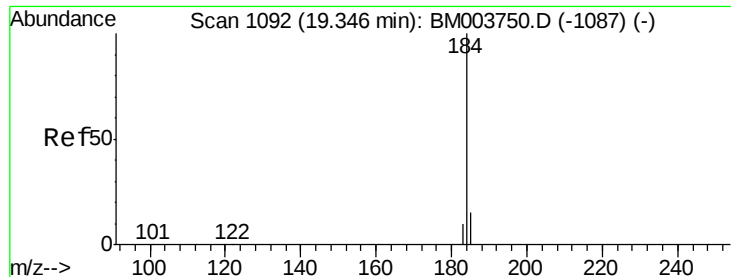


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.03 ng

RT: 19.35 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

Instrument :

BNA_M

ClientSampleId :

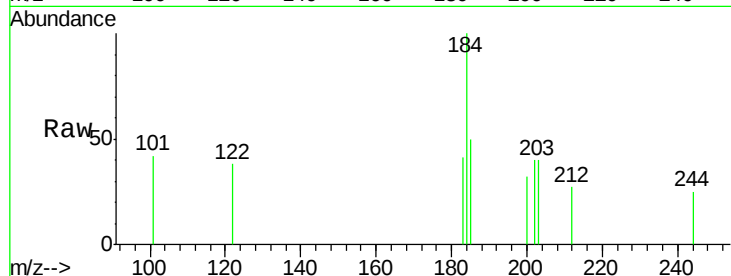
Tot Ion:184 Resp: 539

Ion Ratio Lower Upper

184 100

185 50.5 13.2 19.8#

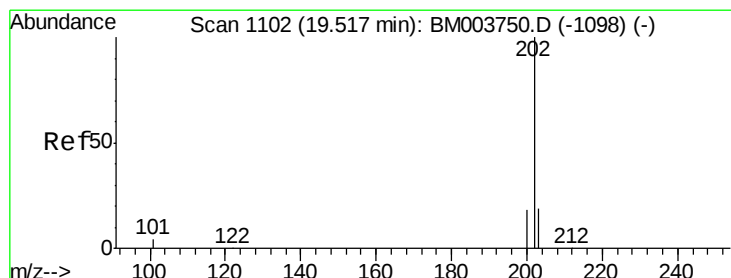
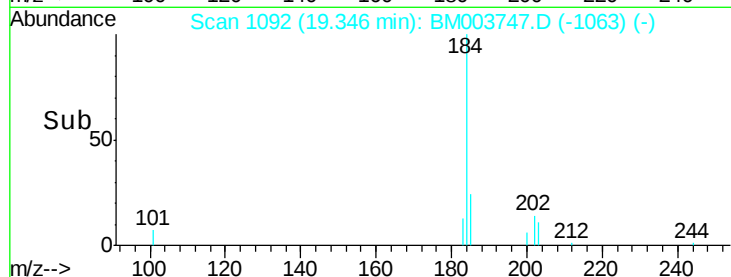
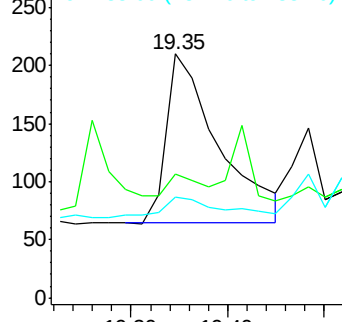
183 41.4 9.0 13.6#



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: 0.36 ng

RT: 19.52 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

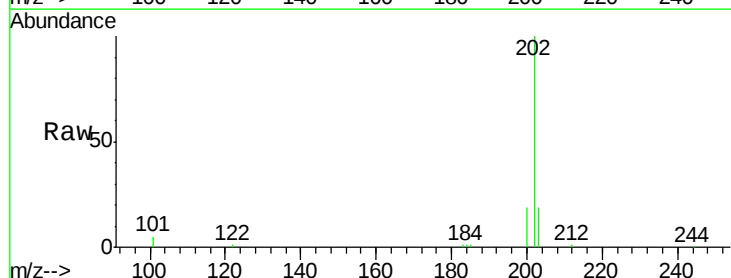
Tgt Ion:202 Resp: 28337

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

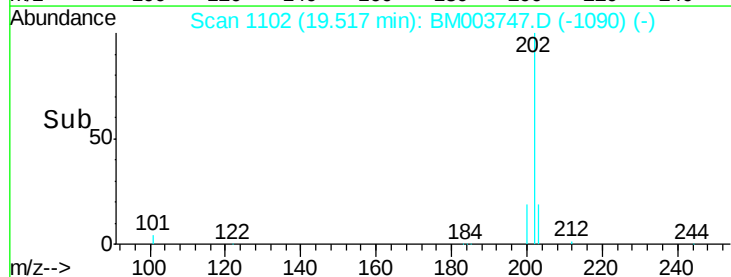
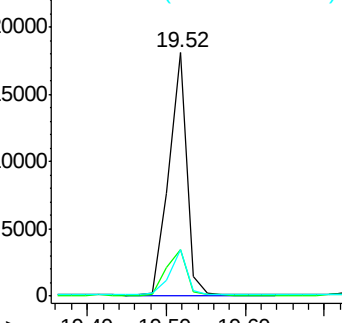
203 18.3 14.0 21.0

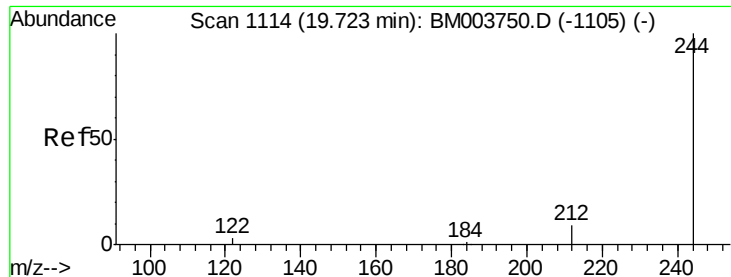


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.22 ng

RT: 19.72 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

Instrument :

BNA_M

ClientSampleId :

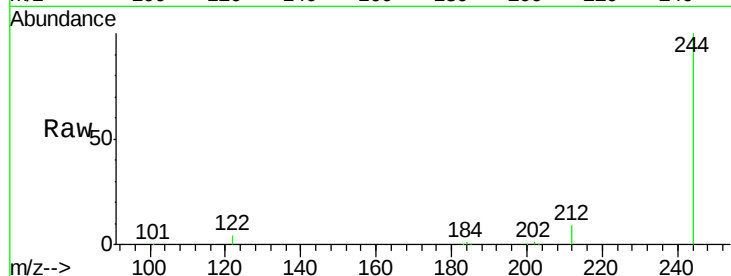
Tot Ion:244 Resp: 43604

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

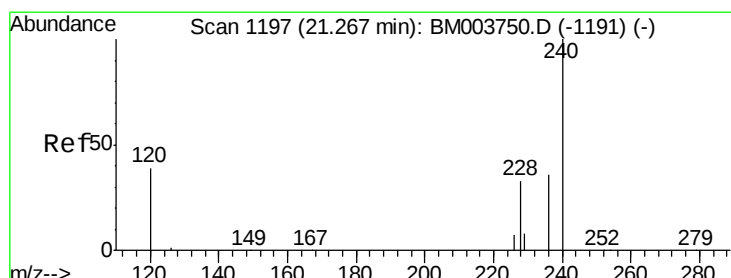
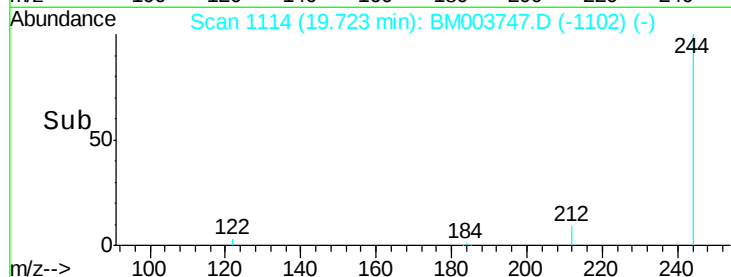
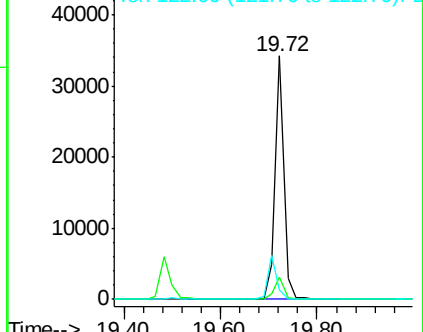
122 3.8 3.0 4.6



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: 0.96 ng

RT: 21.31 min Scan# 1199

Delta R.T. 0.04 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

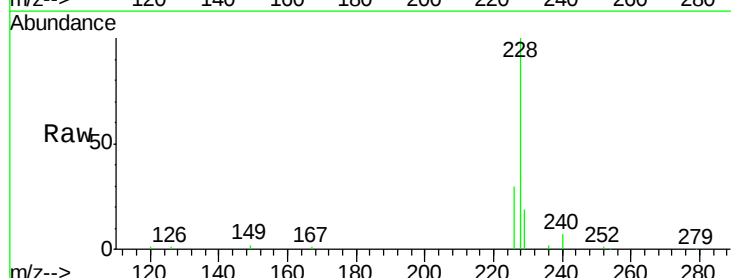
Tgt Ion:228 Resp: 56383

Ion Ratio Lower Upper

228 100

226 30.2 17.2 25.8#

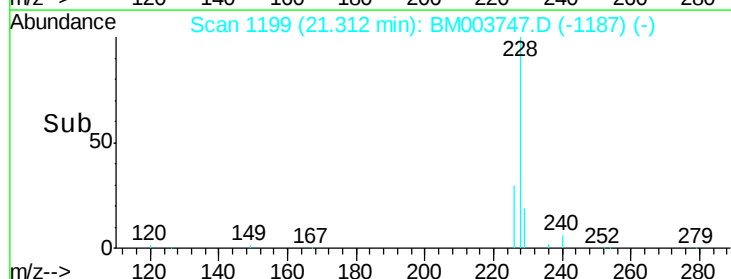
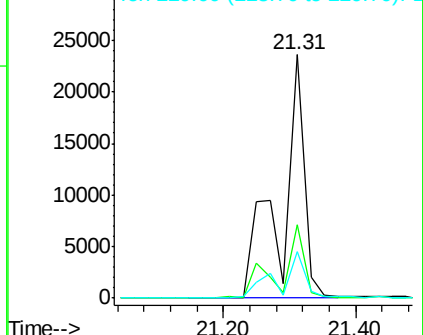
229 19.0 18.7 28.1

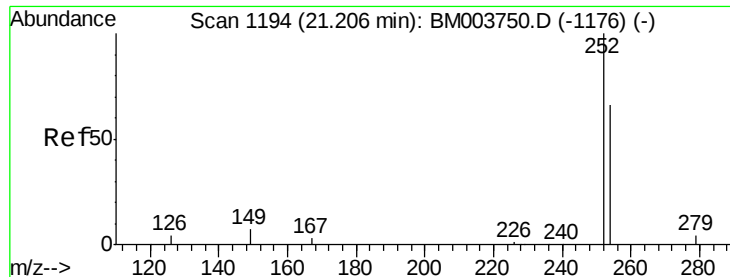


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

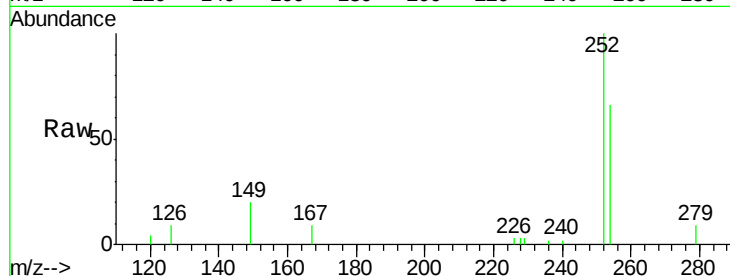




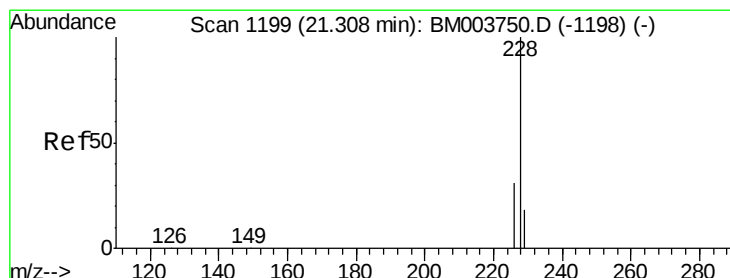
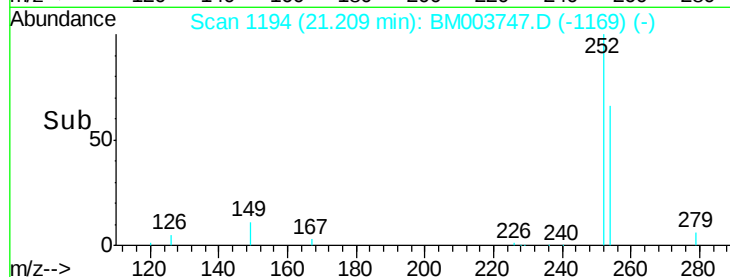
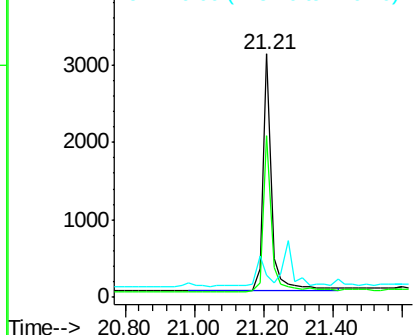
#31
 3,3'-Dichlorobenzidine
 Concen: 0.35 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM003747.D
 Acq: 23 Dec 2015 17:30

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:252 Resp: 5385
 Ion Ratio Lower Upper
 252 100
 254 66.3 52.6 79.0
 126 8.9 3.7 5.5#

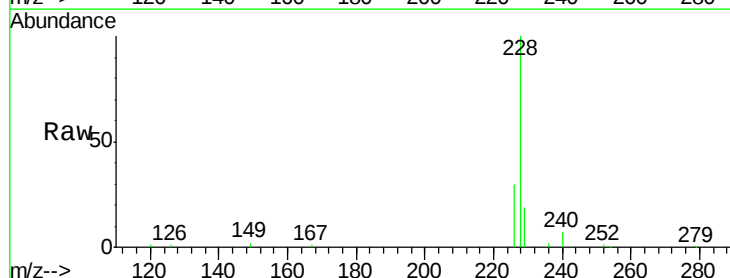


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

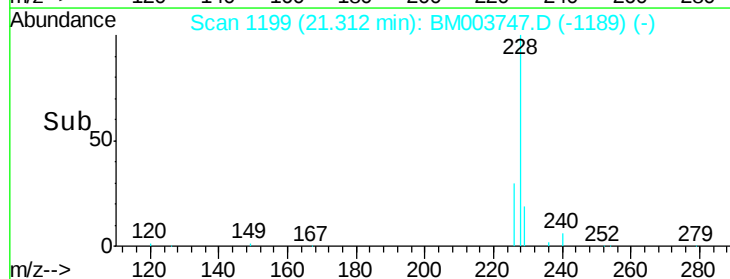
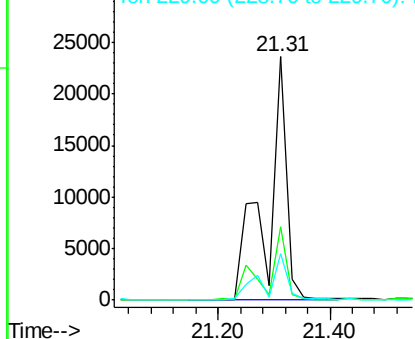


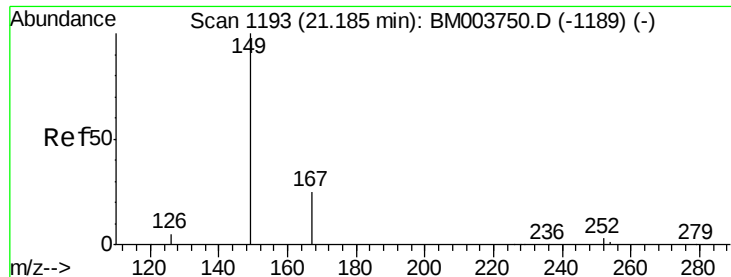
#32
 Chrysene
 Concen: 0.83 ng
 RT: 21.31 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BM003747.D
 Acq: 23 Dec 2015 17:30

Tgt Ion:228 Resp: 56531
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.3 37.9
 229 19.0 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: 0.60 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

Instrument :

BNA_M

ClientSampleId :

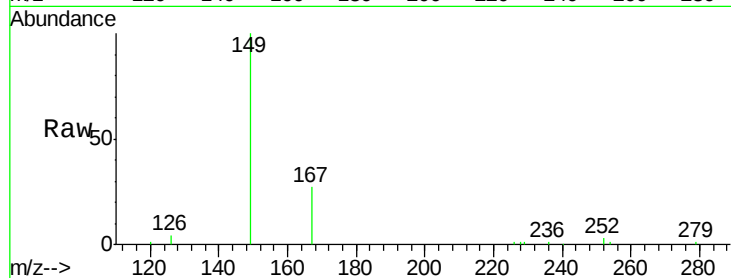
Tot Ion:149 Resp: 18227

Ion Ratio Lower Upper

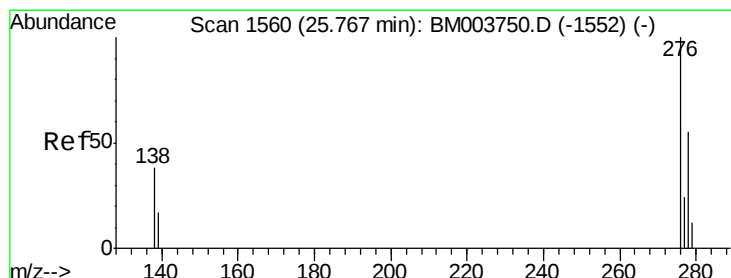
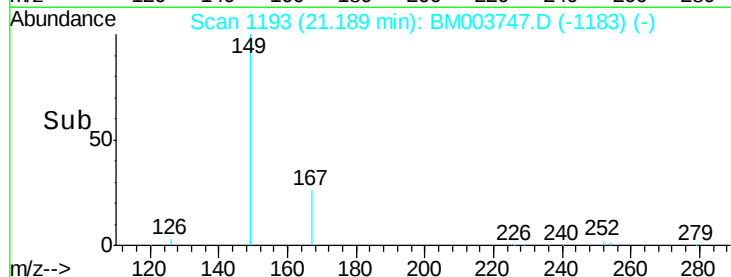
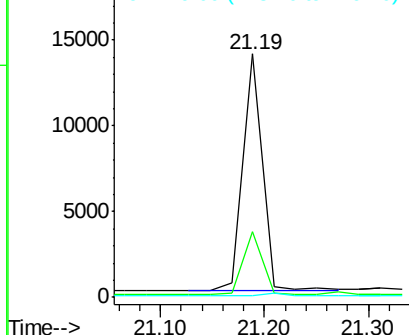
149 100

167 26.3 20.1 30.1

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: 0.47 ng

RT: 25.77 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

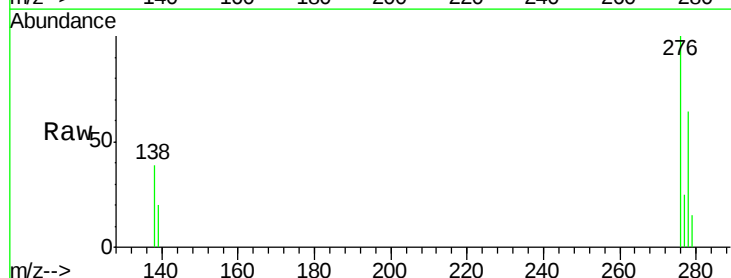
Tgt Ion:276 Resp: 24223

Ion Ratio Lower Upper

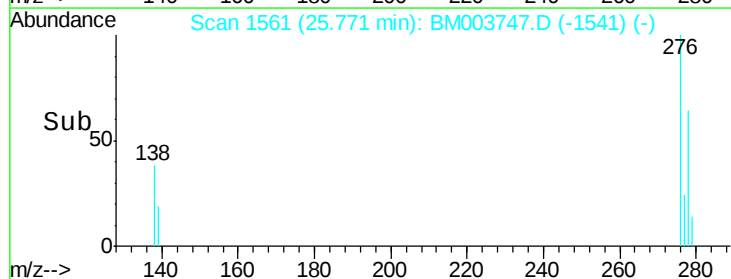
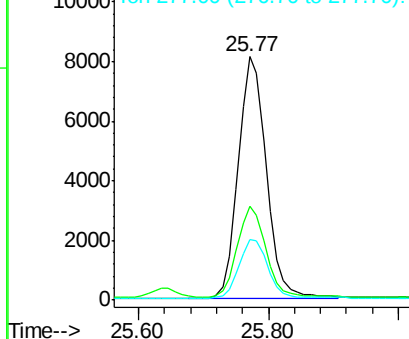
276 100

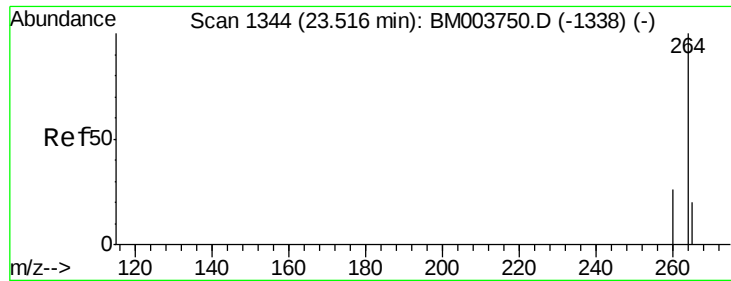
138 37.4 30.2 45.2

277 24.7 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

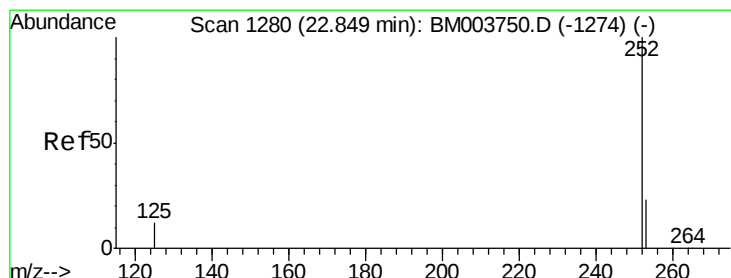
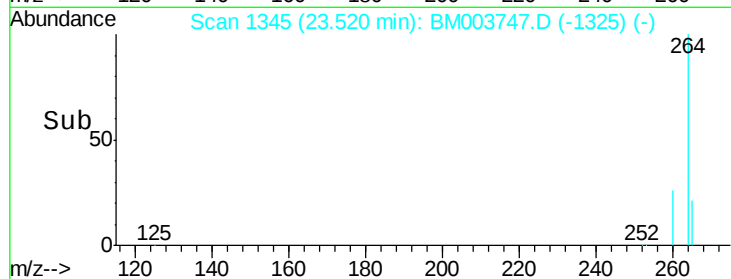
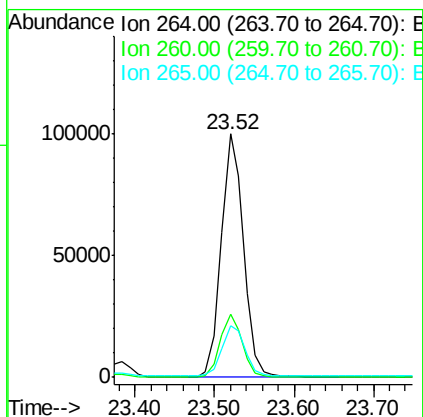
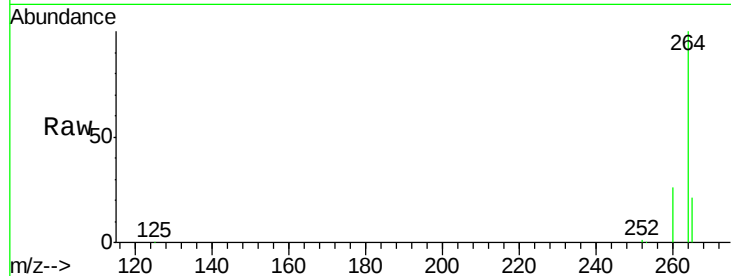




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.52 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: BM003747.D
 Acq: 23 Dec 2015 17:30

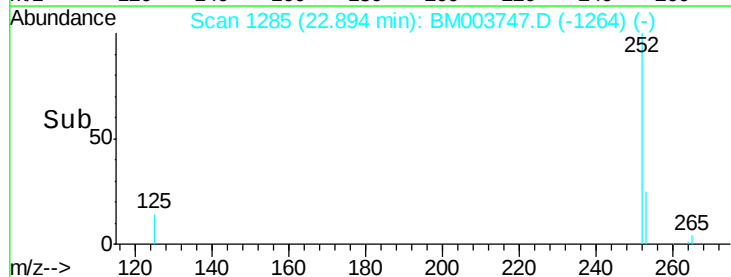
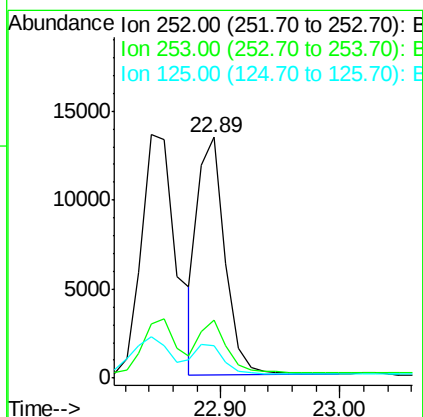
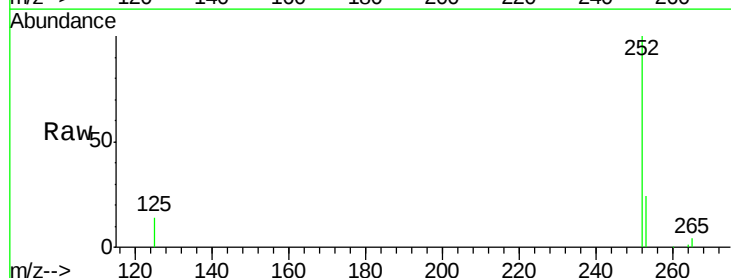
Instrument :
 BNA_M
 ClientSampleId :

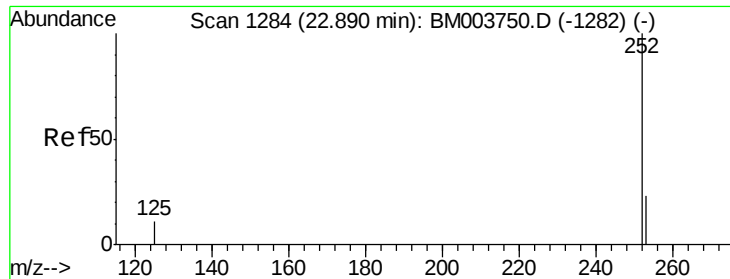
Tot Ion:264 Resp: 193803
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.2 31.8
 265 21.3 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 0.36 ng
 RT: 22.89 min Scan# 1285
 Delta R.T. 0.05 min
 Lab File: BM003747.D
 Acq: 23 Dec 2015 17:30

Tgt Ion:252 Resp: 21062
 Ion Ratio Lower Upper
 252 100
 253 24.4 18.8 28.2
 125 13.6 10.2 15.4

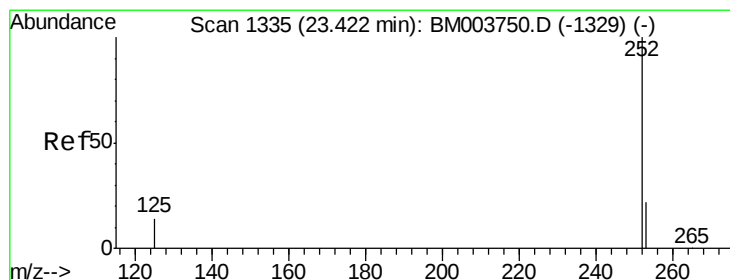
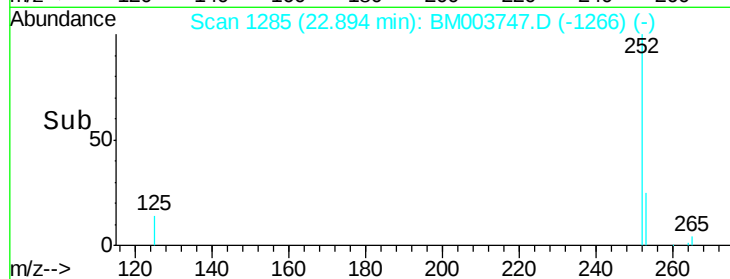
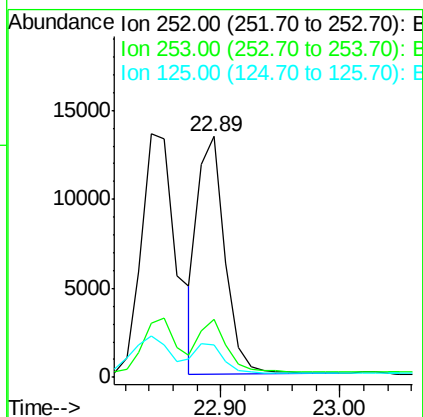
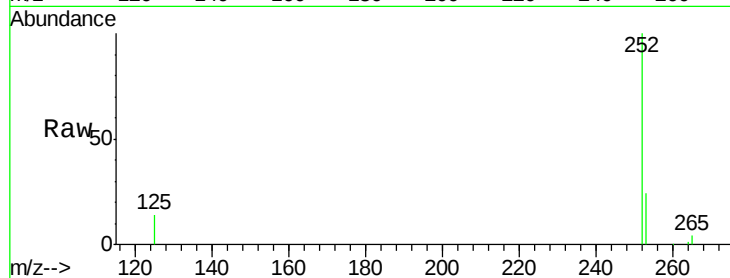




#37
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 22.89 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

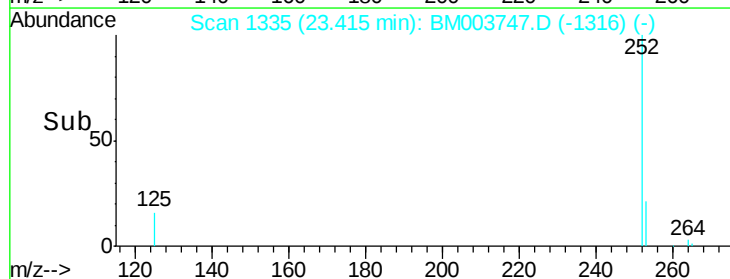
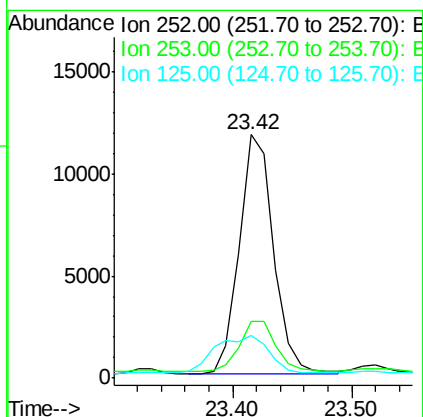
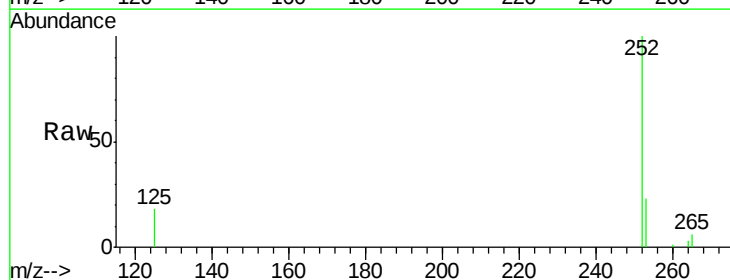
Instrument :
BNA_M
ClientSampleId :

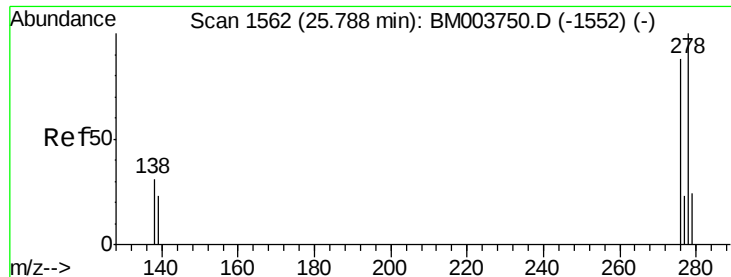
Tot Ion:252 Resp: 21062
Ion Ratio Lower Upper
252 100
253 24.4 18.3 27.5
125 13.6 10.6 15.8



#38
Benzo(a)pyrene
Concen: 0.48 ng
RT: 23.42 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion:252 Resp: 23446
Ion Ratio Lower Upper
252 100
253 23.2 18.7 28.1
125 17.7 11.8 17.8





#39

Dibenzo(a,h)anthracene

Concen: 0.47 ng

RT: 25.78 min Scan# 1562

Delta R.T. -0.01 min

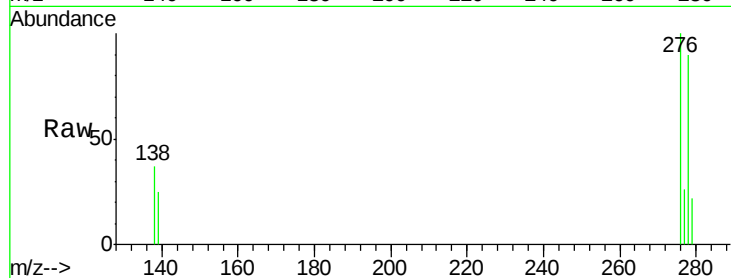
Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

Instrument :

BNA_M

ClientSampleId :



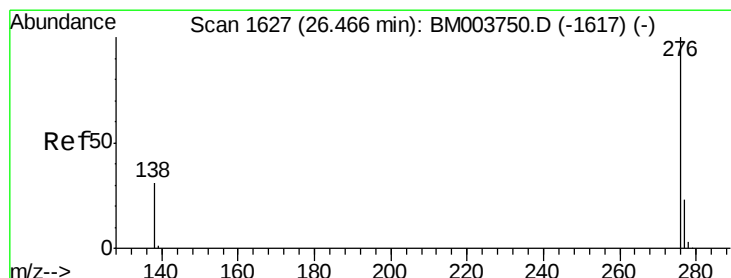
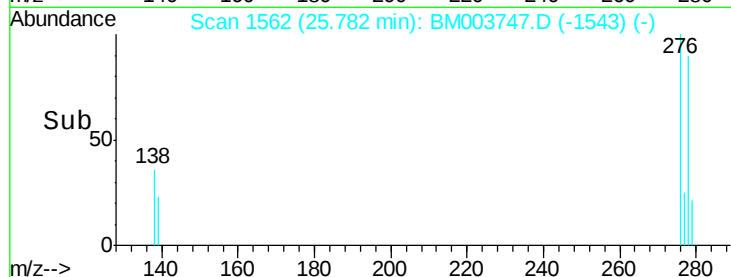
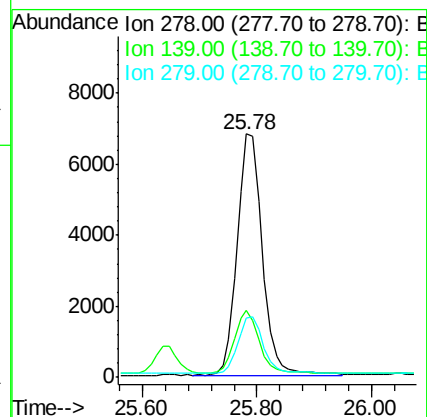
Tot Ion:278 Resp: 20699

Ion Ratio Lower Upper

278 100

139 27.4 19.0 28.6

279 24.6 19.6 29.4



#40

Benzo(g,h,i)perylene

Concen: 0.45 ng

RT: 26.47 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BM003747.D

Acq: 23 Dec 2015 17:30

Tgt Ion:276 Resp: 21236

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 31.9 25.0 37.4

