

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
 Data File : BM003750.D
 Acq On : 23 Dec 2015 20:45
 Operator : UM/SJ
 Sample : SSTDICCC001
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 24 01:27:26 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	49126	5.00	ng	0.00
7) Naphthalene-d8	10.48	136	203158	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	114467	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	204194	5.00	ng	0.00
26) Chrysene-d12	21.29	240	190764	5.00	ng	0.00
35) Perylene-d12	23.52	264	155934	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.27	112	9908	1.00	ng	0.00
5) Phenol-d6	6.87	99	11818	0.98	ng	0.00
8) Nitrobenzene-d5	8.85	82	9060	0.95	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	2548	1.07	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	30744	0.89	ng	0.00
29) Terphenyl-d14	19.72	244	29646	0.96	ng	0.00

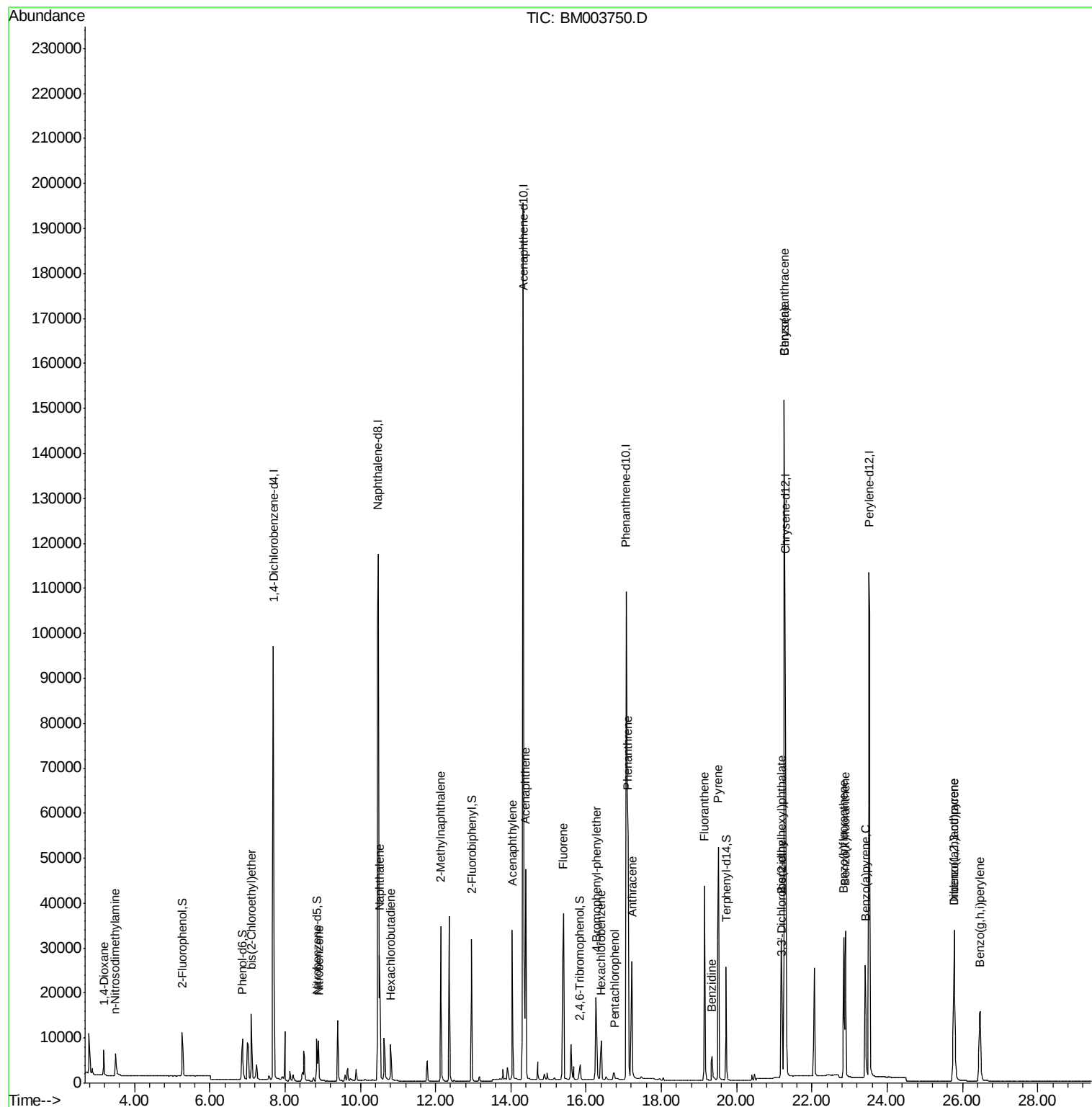
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.18	88	4283	0.96	ng	99
3) n-Nitrosodimethylamine	3.49	42	4526	0.99	ng	99
6) bis(2-Chloroethyl)ether	7.11	93	10927	0.94	ng	100
9) Nitrobenzene	8.89	77	10348	1.00	ng	100
10) Naphthalene	10.51	128	41011	0.94	ng	100
11) Hexachlorobutadiene	10.80	225	6364	0.95	ng	100
12) 2-Methylnaphthalene	12.14	142	27065	0.91	ng	100
16) Acenaphthylene	14.04	152	43080	0.95	ng	100
17) Acenaphthene	14.39	154	29582	0.97	ng	100
18) Fluorene	15.39	166	33554	0.98	ng	100
20) 4-Bromophenyl-phenylether	16.27	248	11081	1.67	ng	100
21) Hexachlorobenzene	16.40	284	10478	1.38	ng	# 100
22) Pentachlorophenol	16.76	266	2081	0.93	ng	100
23) Phenanthrene	17.11	178	64626	1.50	ng	100
24) Anthracene	17.22	178	44295	1.06	ng	100
25) Fluoranthene	19.14	202	57064	1.33	ng	100
27) Benzidine	19.35	184	11448	0.75	ng	100
28) Pyrene	19.52	202	59964	0.87	ng	100
30) Benzo(a)anthracene	21.27	228	47798	0.93	ng	100
31) 3,3'-Dichlorobenzidine	21.21	252	14735	1.09	ng	100
32) Chrysene	21.27	228	47798	0.80	ng	# 84
33) Bis(2-ethylhexyl)phthalate	21.19	149	30313	1.14	ng	# 100
34) Indeno(1,2,3-cd)pyrene	25.77	276	37298	0.83	ng	100
36) Benzo(b)fluoranthene	22.85	252	45896	0.97	ng	100
37) Benzo(k)fluoranthene	22.89	252	39121	0.92	ng	100
38) Benzo(a)pyrene	23.42	252	37028	0.95	ng	100
39) Dibenzo(a,h)anthracene	25.79	278	30078	0.84	ng	100
40) Benzo(g,h,i)perylene	26.47	276	31801	0.84	ng	100

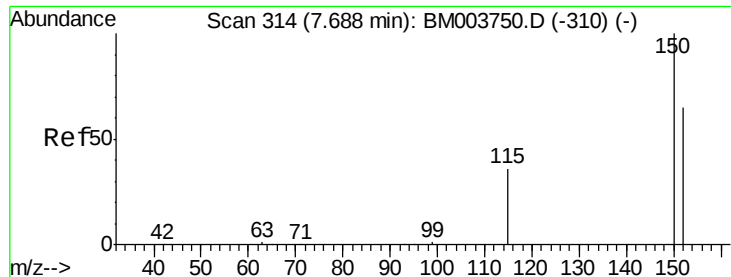
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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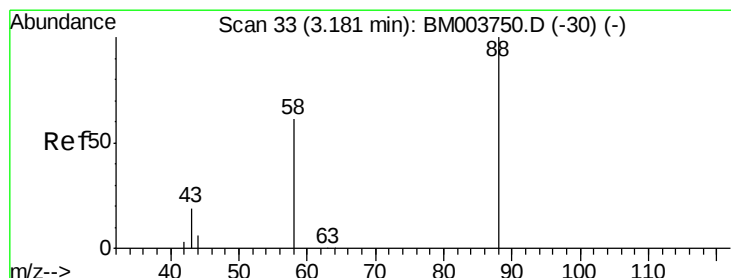
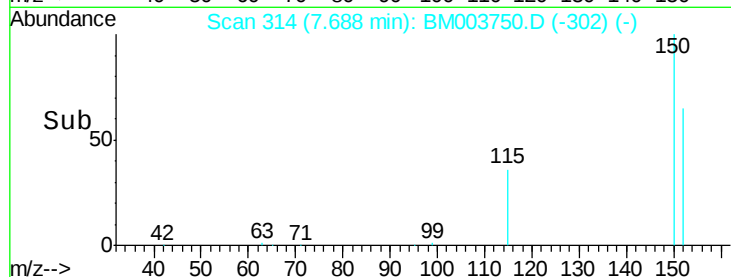
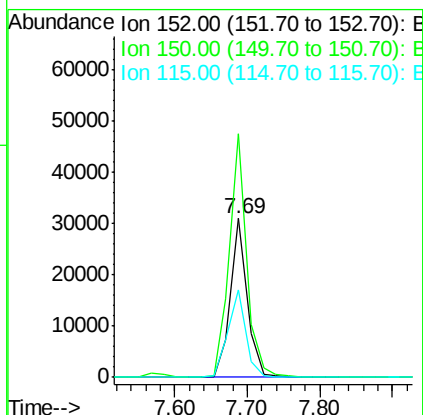
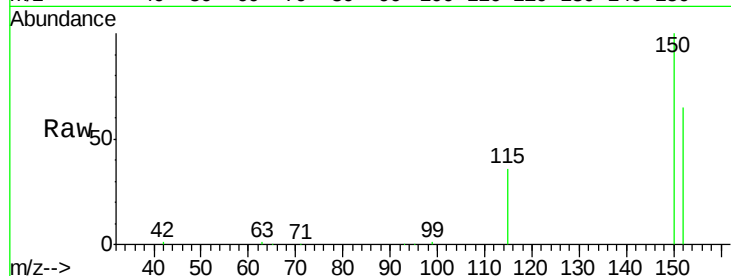


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Instrument :
BNA_M
ClientSampleId :

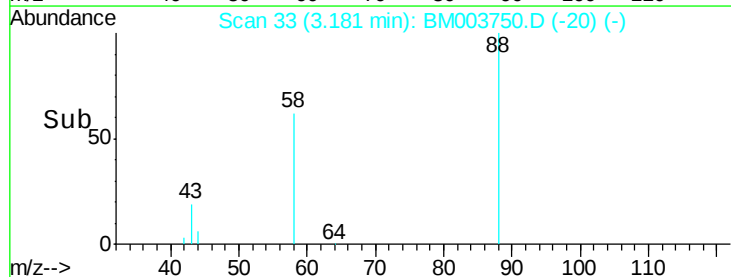
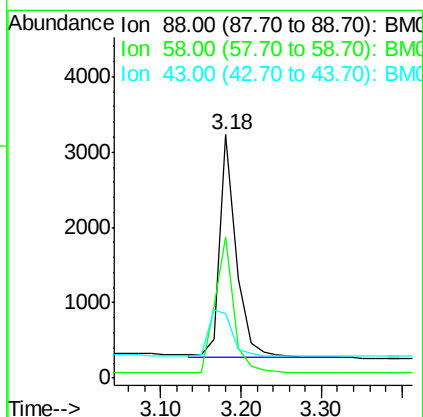
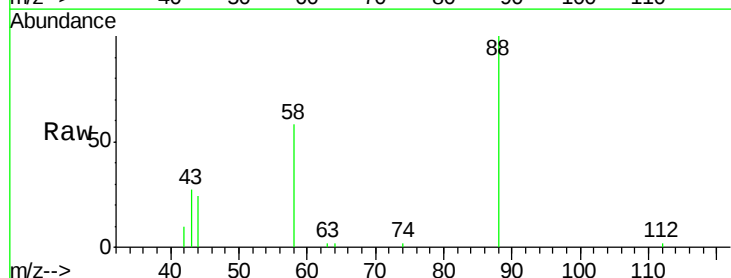
Tot Ion:152 Resp: 49126
Ion Ratio Lower Upper
152 100
150 153.6 122.9 184.3
115 55.5 44.4 66.6

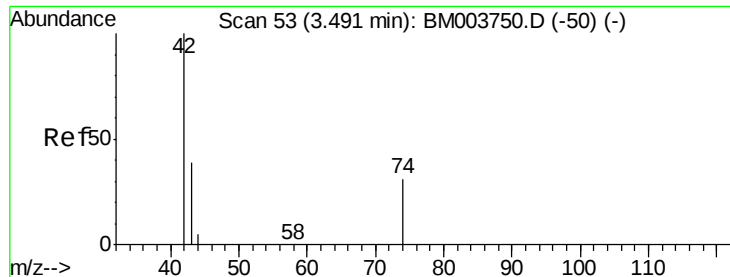


#2

1,4-Dioxane
Concen: 0.96 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion: 88 Resp: 4283
Ion Ratio Lower Upper
88 100
58 68.3 53.8 80.6
43 29.4 23.8 35.6





#3

n-Nitrosodimethylamine

Concen: 0.99 ng

RT: 3.49 min Scan# 53

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

Instrument :

BNA_M

ClientSampleId :

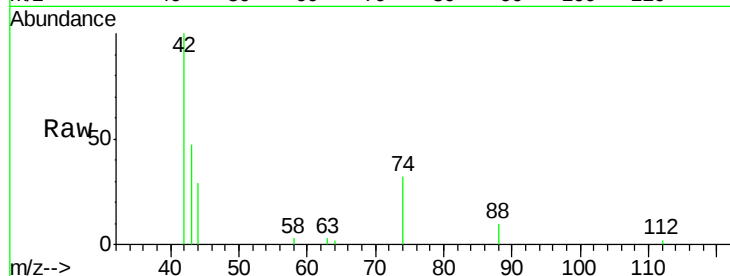
Tot Ion: 42 Resp: 4526

Ion Ratio Lower Upper

42 100

74 118.1 95.0 142.4

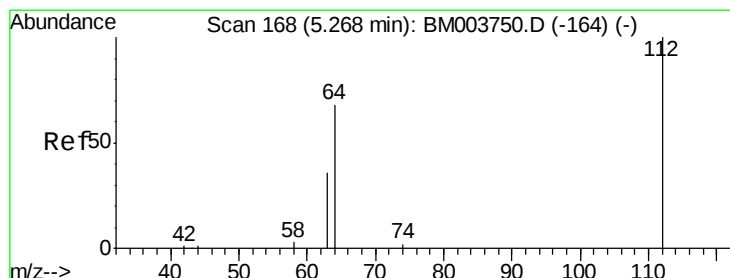
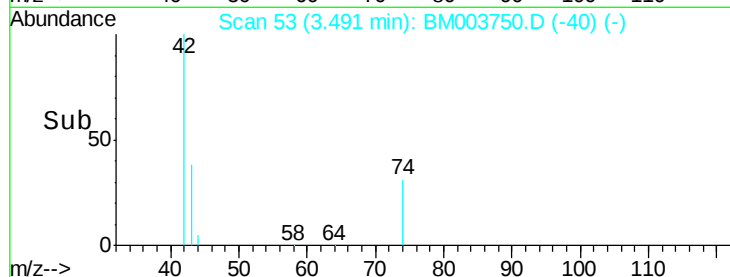
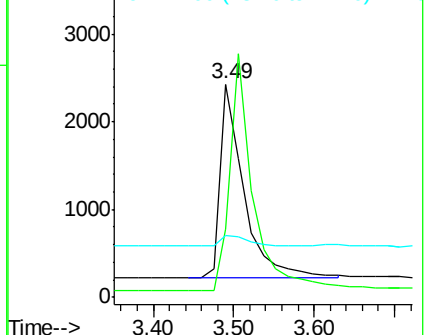
44 6.3 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BM003750.D (-50) (-)

Ion 74.00 (73.70 to 74.70): BM003750.D (-50) (-)

Ion 44.00 (43.70 to 44.70): BM003750.D (-50) (-)



#4

2-Fluorophenol

Concen: 1.00 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

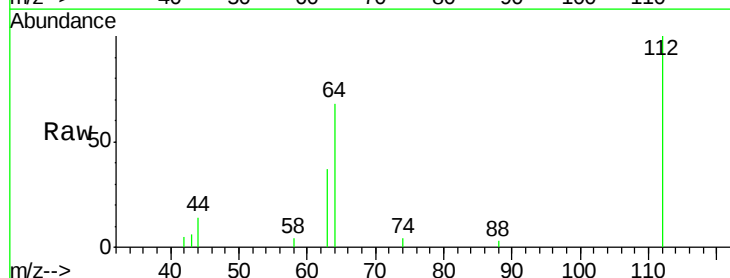
Tgt Ion: 112 Resp: 9908

Ion Ratio Lower Upper

112 100

64 52.3 41.8 62.8

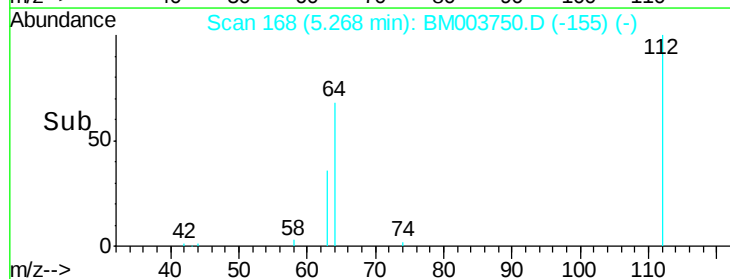
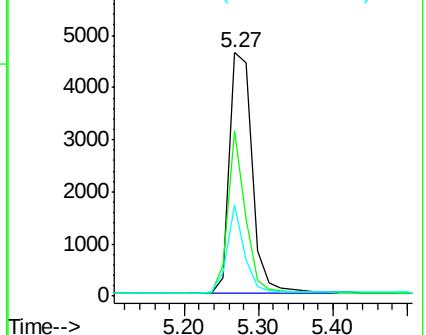
63 27.6 22.1 33.1

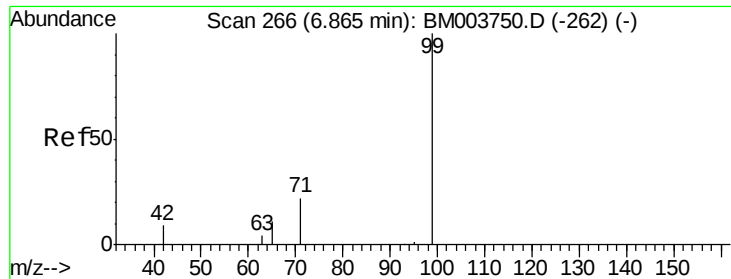


Abundance Ion 112.00 (111.70 to 112.70): BM003750.D (-164) (-)

Ion 64.00 (63.70 to 64.70): BM003750.D (-164) (-)

Ion 63.00 (62.70 to 63.70): BM003750.D (-164) (-)





#5

Phenol-d6

Concen: 0.98 ng

RT: 6.87 min Scan# 266

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

Instrument :

BNA_M

ClientSampleId :

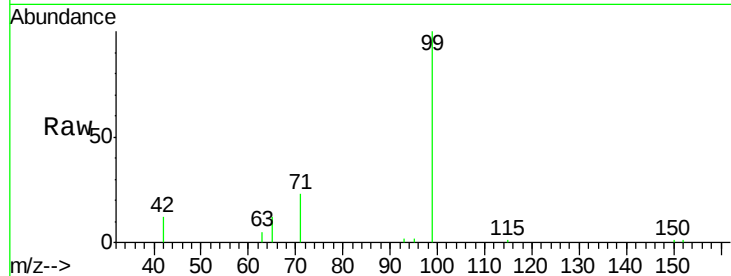
Tot Ion: 99 Resp: 11818

Ion Ratio Lower Upper

99 100

42 20.1 16.2 24.2

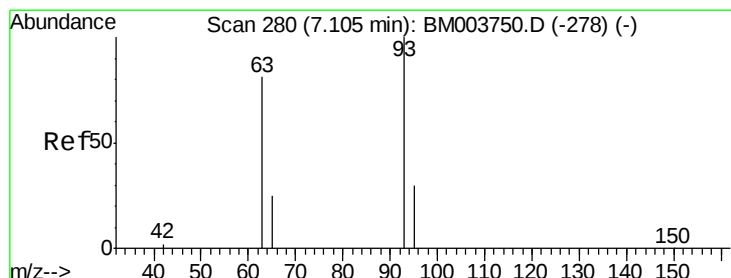
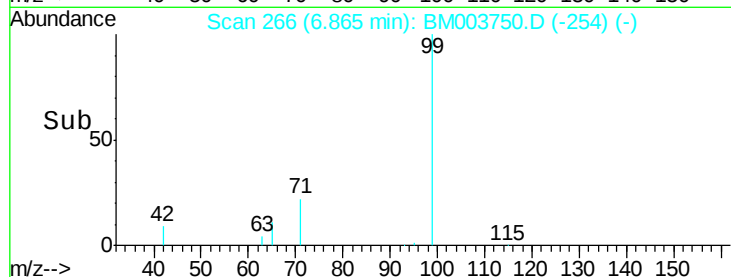
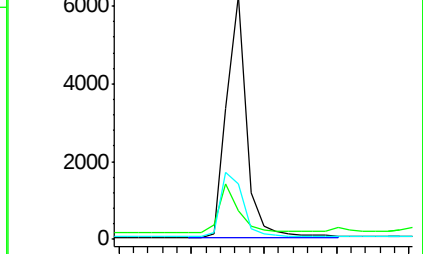
71 30.5 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM003750.D (-262) (-)

Ion 42.00 (41.70 to 42.70): BM003750.D (-262) (-)

Ion 71.00 (70.70 to 71.70): BM003750.D (-262) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.94 ng

RT: 7.11 min Scan# 280

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

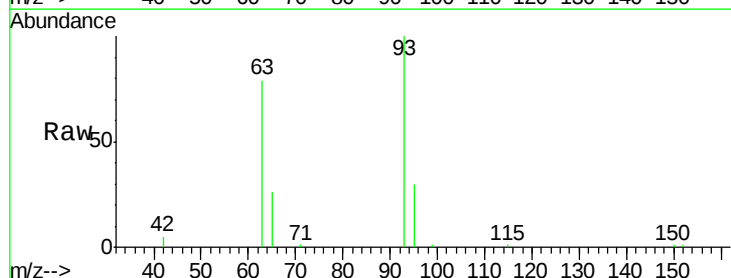
Tgt Ion: 93 Resp: 10927

Ion Ratio Lower Upper

93 100

63 72.9 58.3 87.5

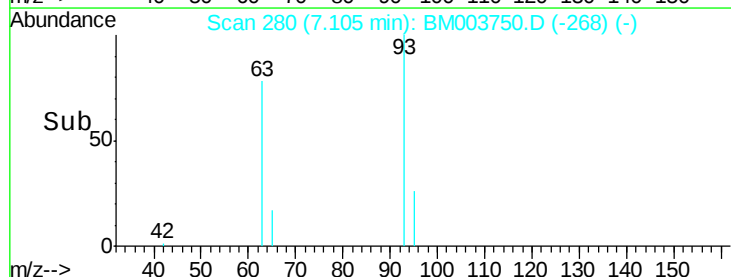
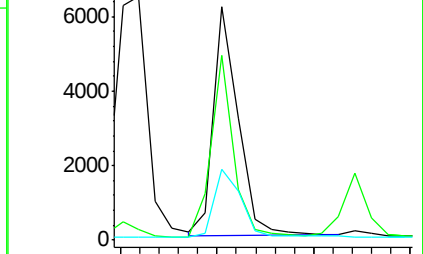
95 32.3 25.8 38.8

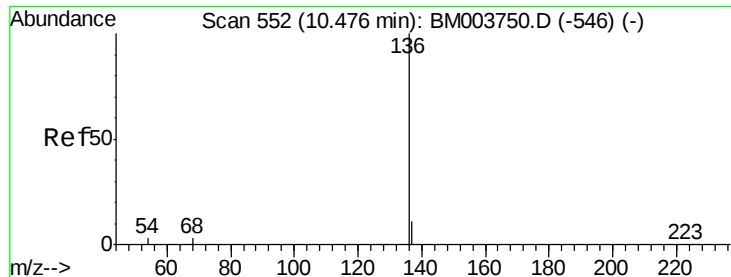


Abundance Ion 93.00 (92.70 to 93.70): BM003750.D (-278) (-)

Ion 63.00 (62.70 to 63.70): BM003750.D (-278) (-)

Ion 95.00 (94.70 to 95.70): BM003750.D (-278) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.48 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 203158

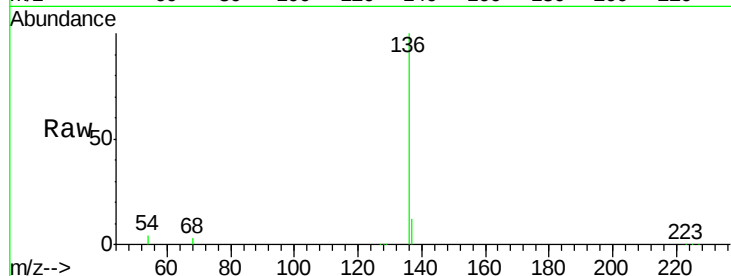
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 3.5 2.8 4.2

68 3.1 2.5 3.7

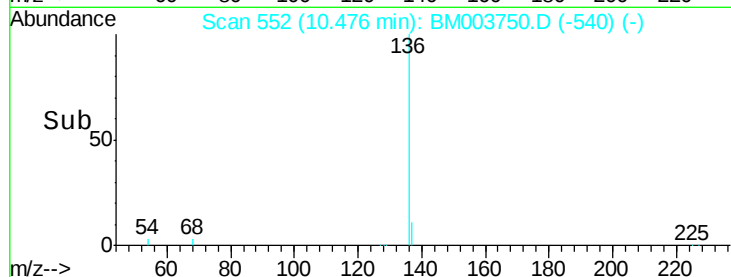


Abundance Ion 136.00 (135.70 to 136.70): B

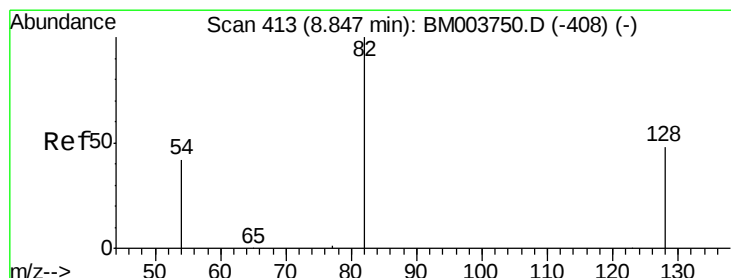
Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): B

Ion 68.00 (67.70 to 68.70): B



Time-->



#8

Nitrobenzene-d5

Concen: 0.95 ng

RT: 8.85 min Scan# 413

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

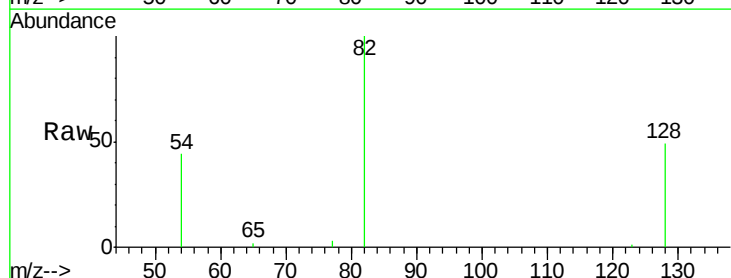
Tgt Ion: 82 Resp: 9060

Ion Ratio Lower Upper

82 100

128 48.9 39.1 58.7

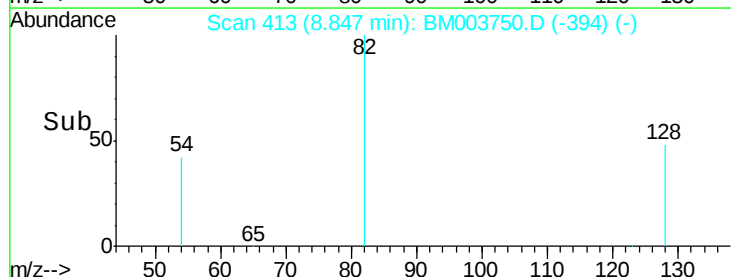
54 43.5 34.8 52.2



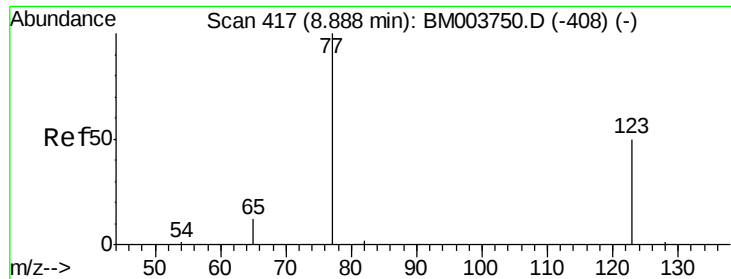
Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B



Time-->



#9

Nitrobenzene

Concen: 1.00 ng

RT: 8.89 min Scan# 417

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

Instrument :

BNA_M

ClientSampleId :

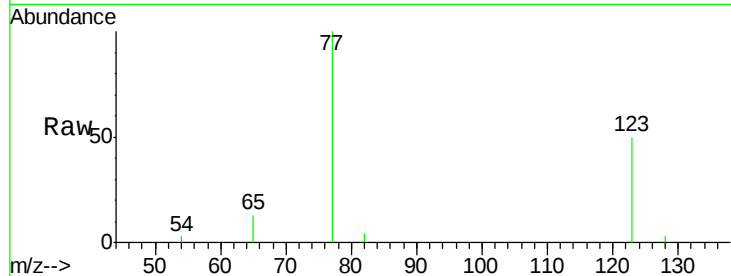
Tot Ion: 77 Resp: 10348

Ion Ratio Lower Upper

77 100

123 48.2 38.6 57.8

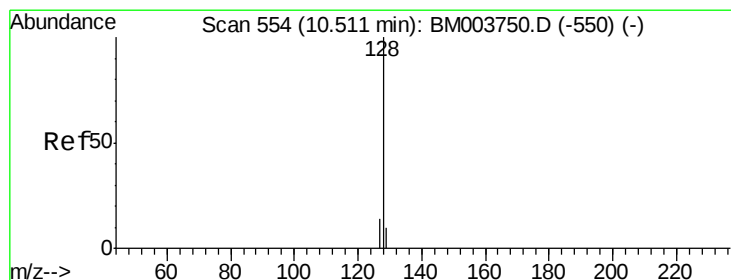
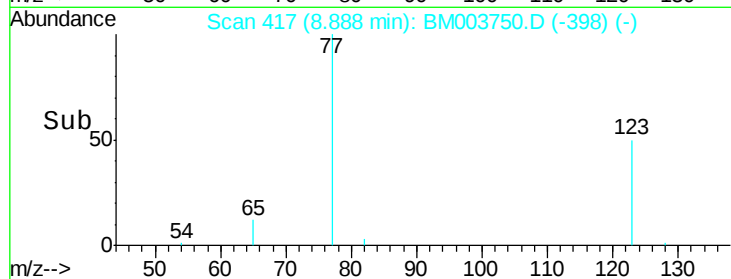
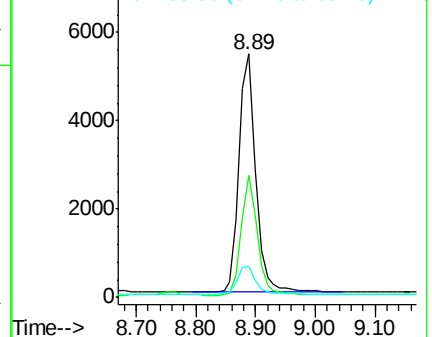
65 12.4 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BM003750.D (-408) (-)

Ion 123.00 (122.70 to 123.70): BM003750.D (-408) (-)

Ion 65.00 (64.70 to 65.70): BM003750.D (-408) (-)



#10

Naphthalene

Concen: 0.94 ng

RT: 10.51 min Scan# 554

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

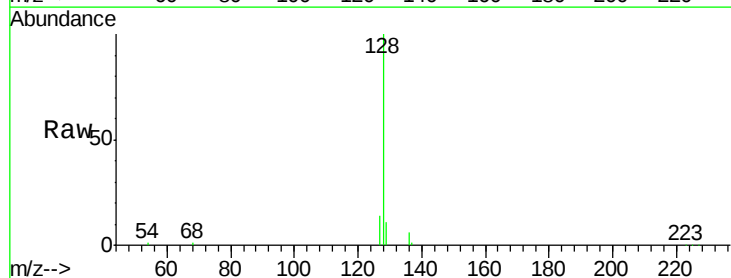
Tgt Ion: 128 Resp: 41011

Ion Ratio Lower Upper

128 100

129 10.6 8.5 12.7

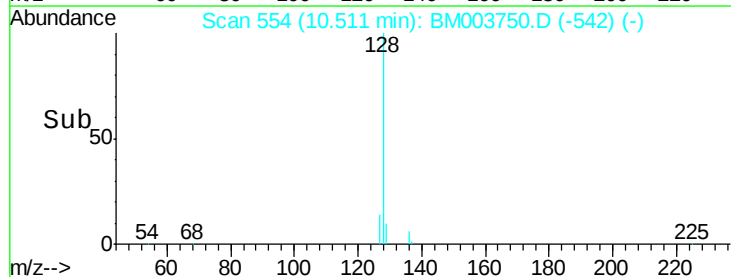
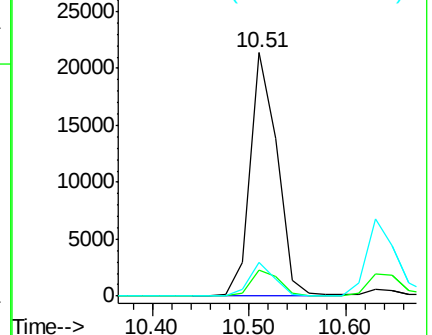
127 13.7 11.0 16.4

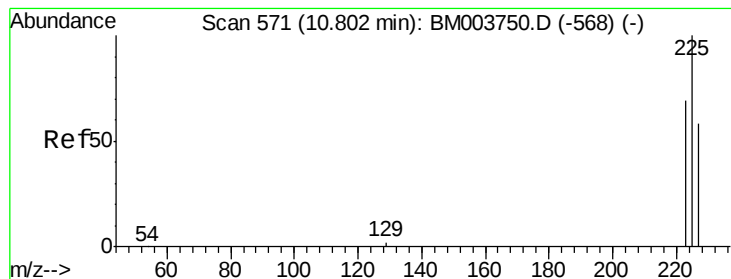


Abundance Ion 128.00 (127.70 to 128.70): BM003750.D (-550) (-)

Ion 129.00 (128.70 to 129.70): BM003750.D (-550) (-)

Ion 127.00 (126.70 to 127.70): BM003750.D (-550) (-)





#11

Hexachlorobutadiene

Concen: 0.95 ng

RT: 10.80 min Scan# 571

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

Instrument :

BNA_M

ClientSampleId :

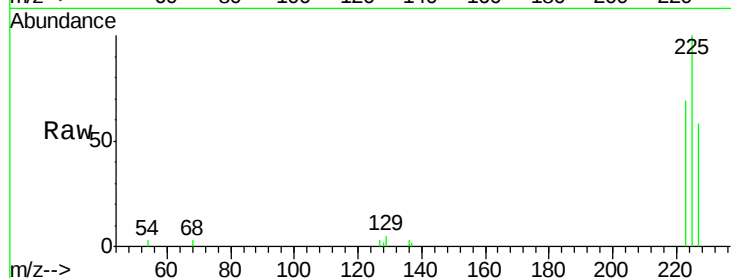
Tot Ion:225 Resp: 6364

Ion Ratio Lower Upper

225 100

223 63.6 50.9 76.3

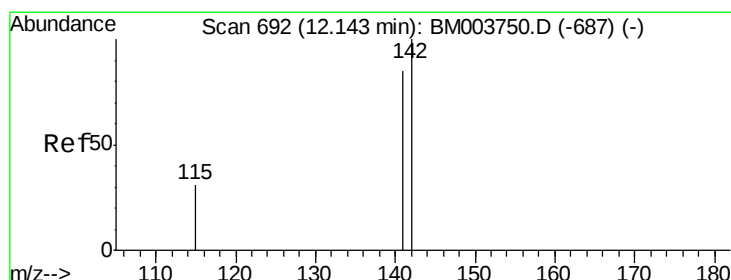
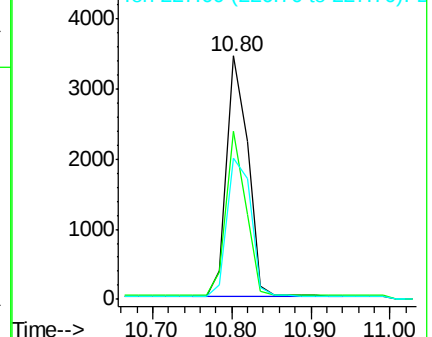
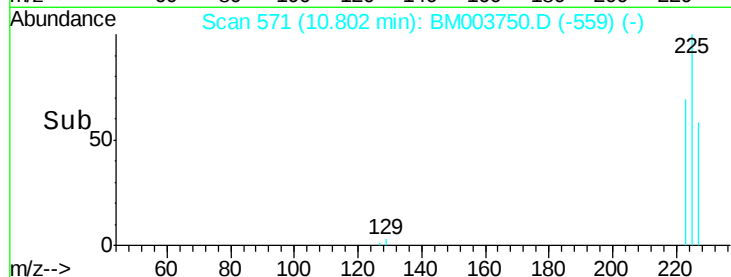
227 64.0 51.2 76.8



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: 0.91 ng

RT: 12.14 min Scan# 692

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

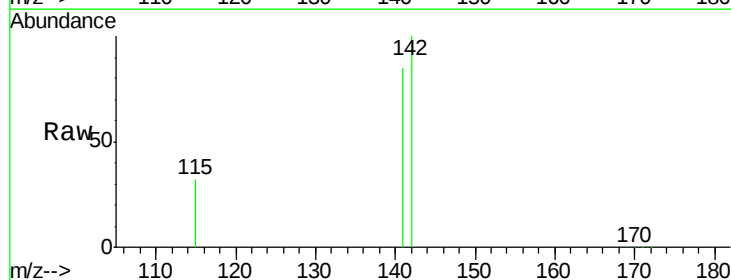
Tgt Ion:142 Resp: 27065

Ion Ratio Lower Upper

142 100

141 84.8 67.8 101.8

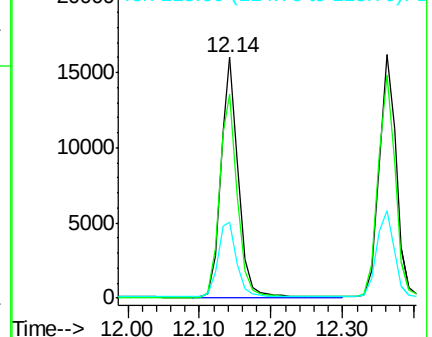
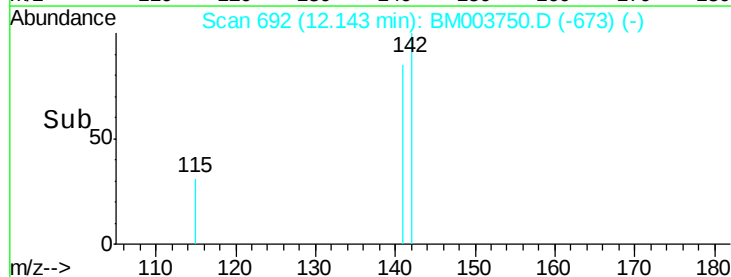
115 31.6 25.3 37.9

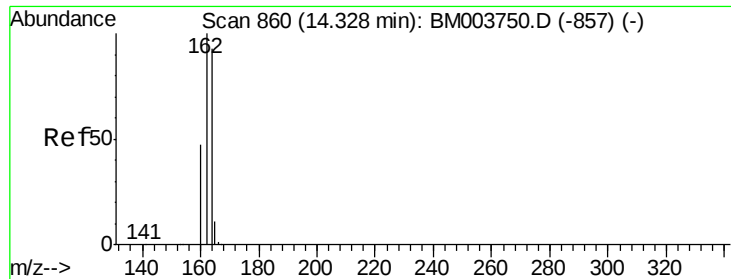


Abundance Ion 142.00 (141.70 to 142.70): E

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: BM003750.D

Acq: 23 Dec 2015 20:45

Instrument :

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ClientSampleId :

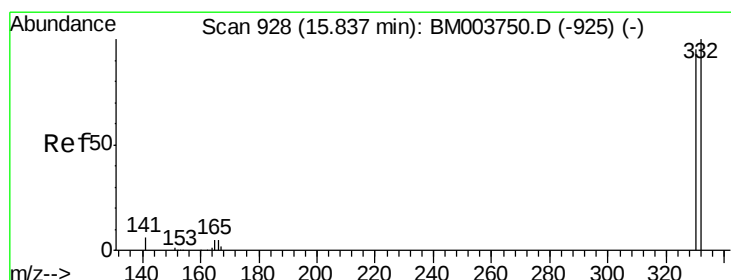
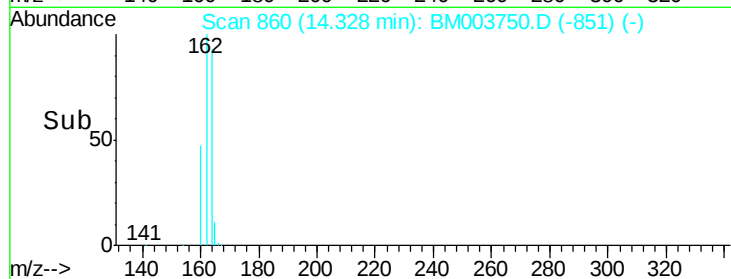
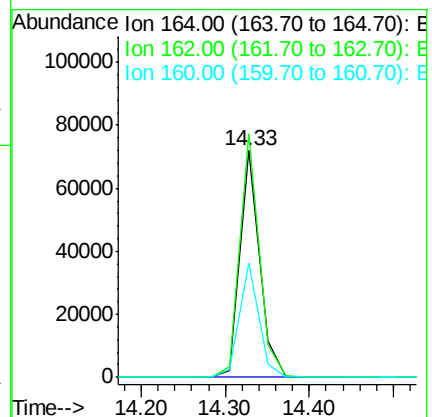
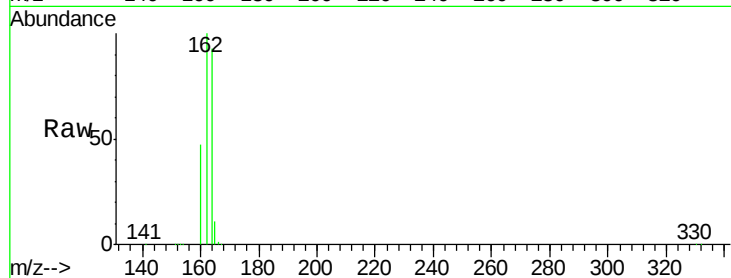
Tot Ion:164 Resp: 114467

Ion Ratio Lower Upper

164 100

162 107.5 86.0 129.0

160 50.4 40.3 60.5



#14

2,4,6-Tribromophenol

Concen: 1.07 ng

RT: 15.84 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

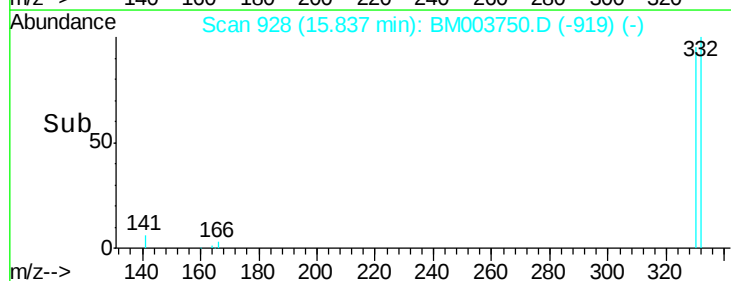
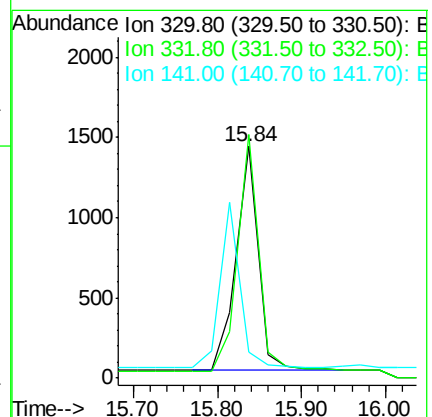
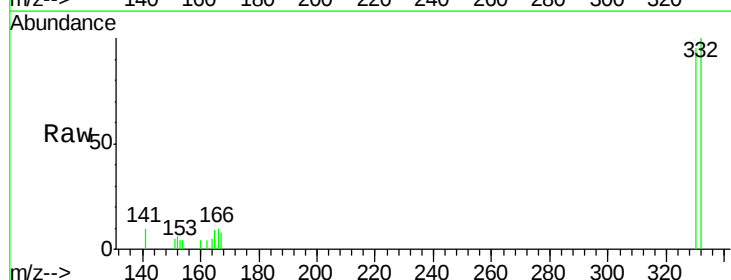
Tgt Ion:330 Resp: 2548

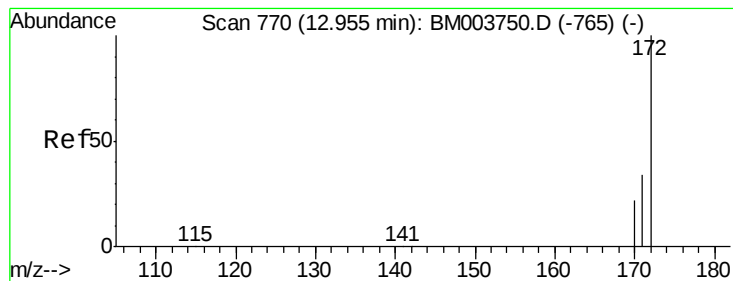
Ion Ratio Lower Upper

330 100

332 98.7 79.0 118.4

141 0.0 0.0 0.0

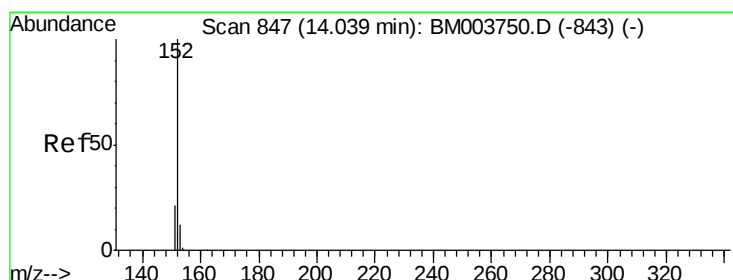
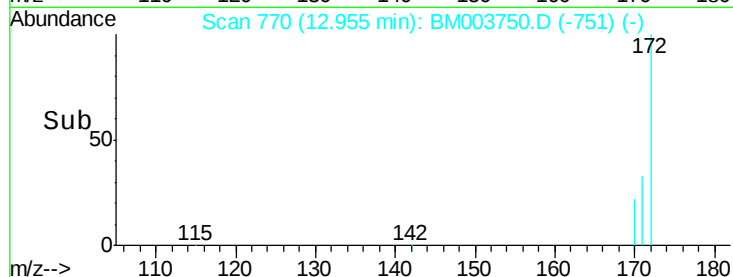
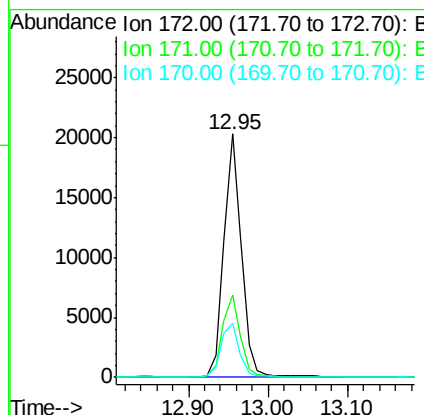
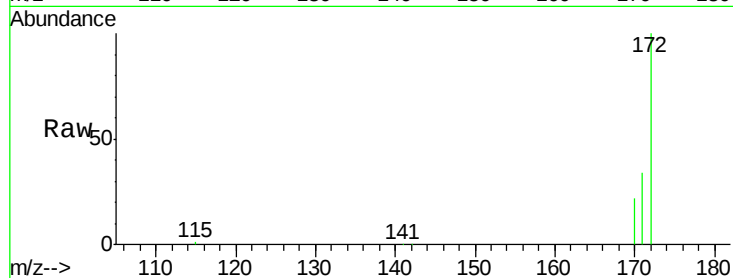




#15
2-Fluorobiphenyl
Concen: 0.89 ng
RT: 12.95 min Scan# 770
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

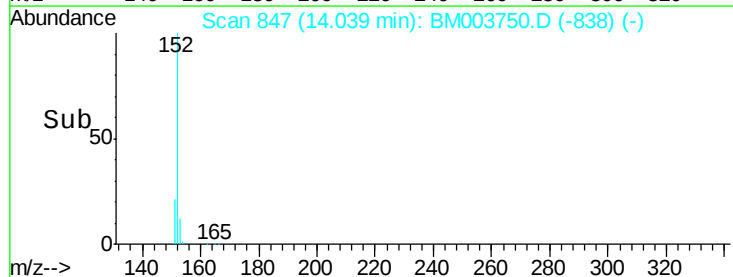
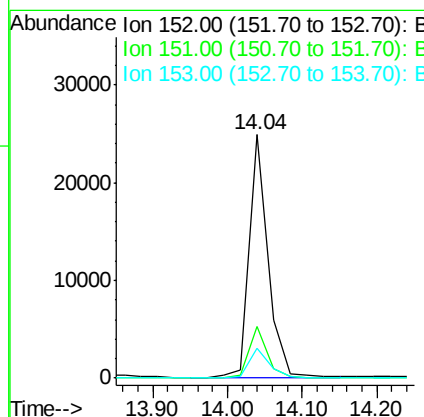
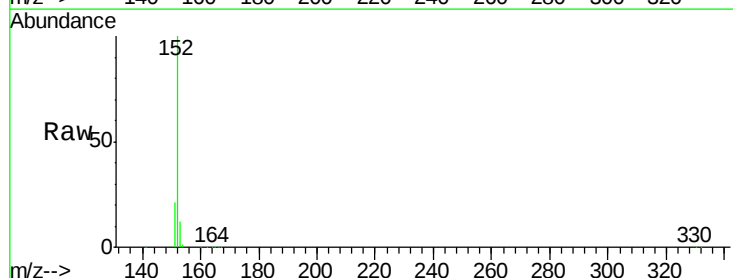
Instrument :
BNA_M
ClientSampleId :

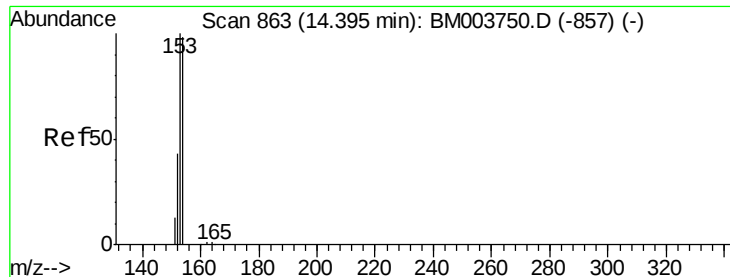
Tot Ion:172 Resp: 30744
Ion Ratio Lower Upper
172 100
171 33.8 27.0 40.6
170 22.4 17.9 26.9



#16
Acenaphthylene
Concen: 0.95 ng
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion:152 Resp: 43080
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 12.8 10.2 15.4

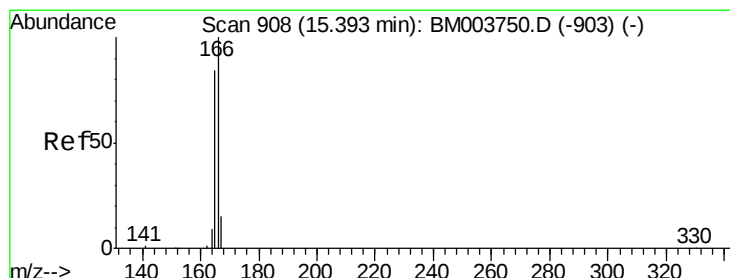
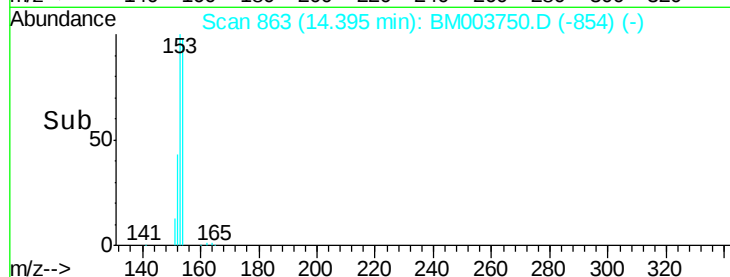
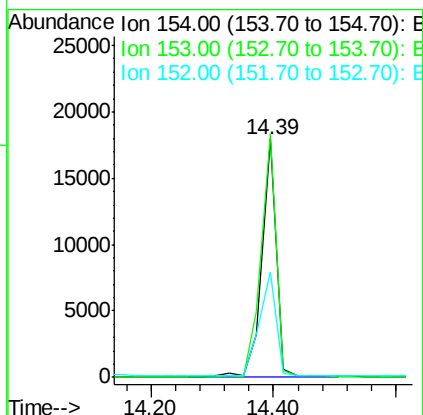
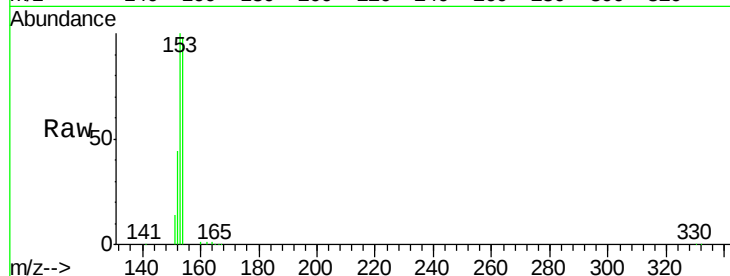




#17
Acenaphthene
Concen: 0.97 ng
RT: 14.39 min Scan# 863
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

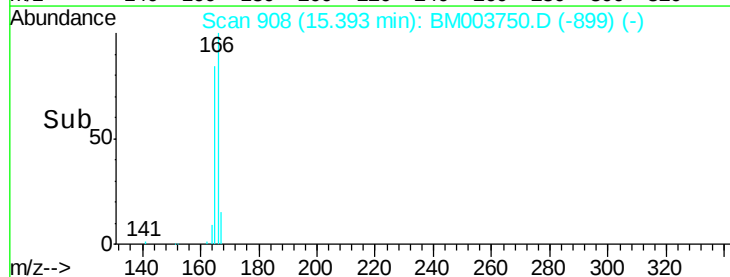
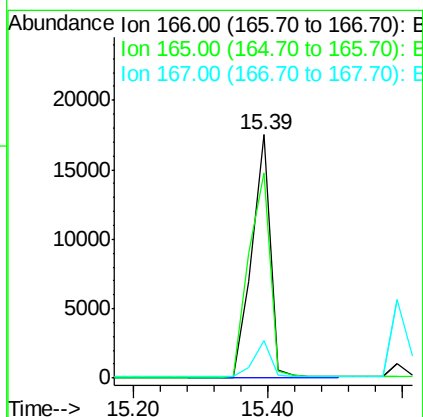
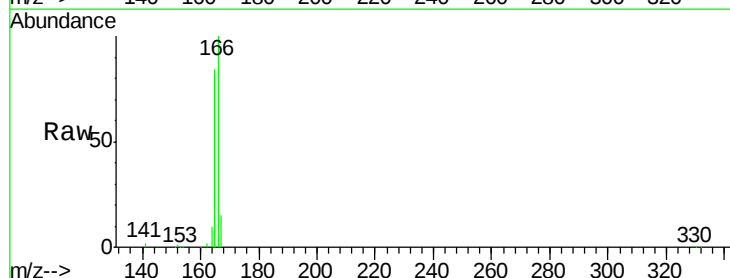
Instrument :
BNA_M
ClientSampleId :

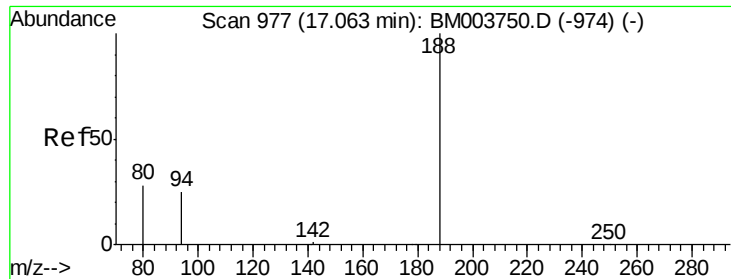
Tot Ion:154 Resp: 29582
Ion Ratio Lower Upper
154 100
153 106.8 85.4 128.2
152 50.7 40.6 60.8



#18
Fluorene
Concen: 0.98 ng
RT: 15.39 min Scan# 908
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion:166 Resp: 33554
Ion Ratio Lower Upper
166 100
165 96.5 77.2 115.8
167 13.8 11.0 16.6

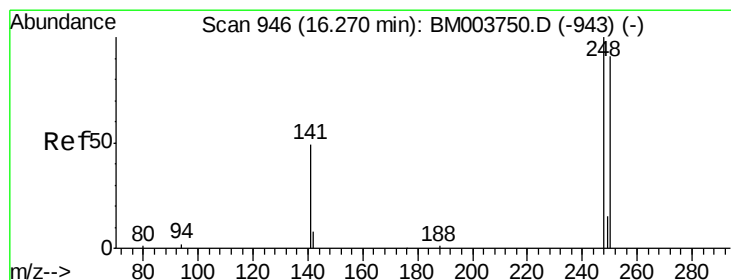
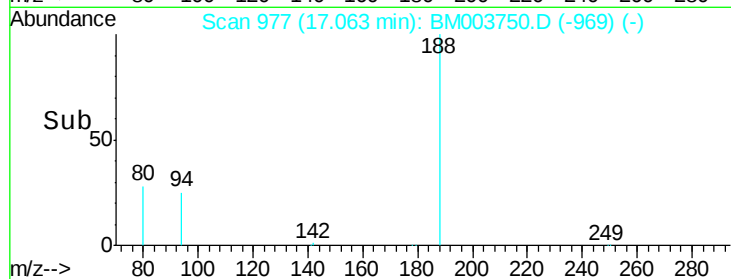
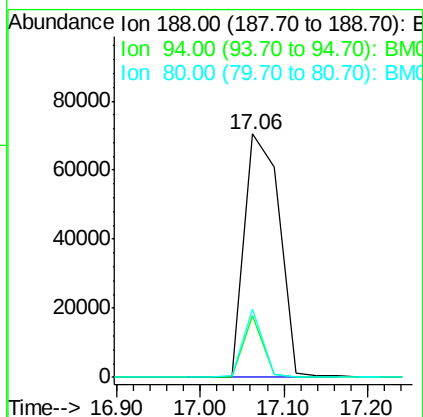
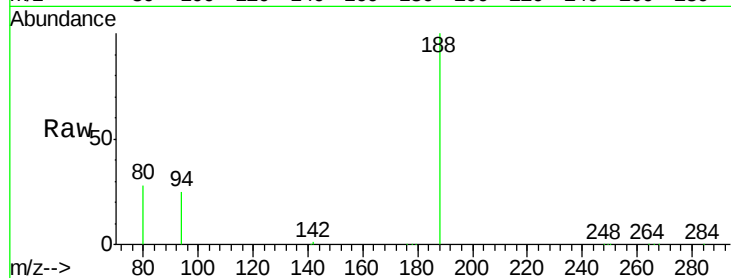




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

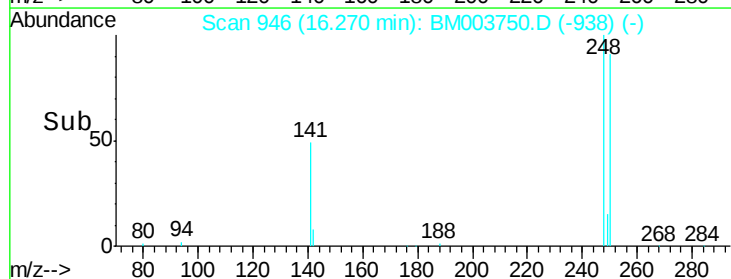
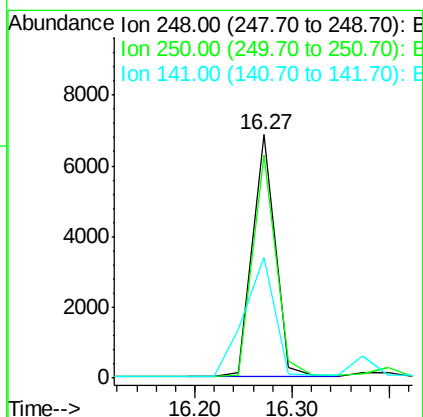
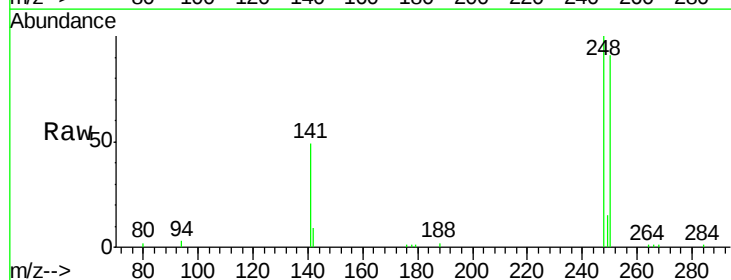
Instrument :
BNA_M
ClientSampleId :

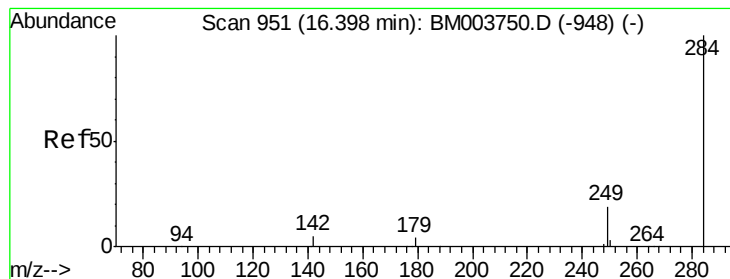
Tot Ion:188 Resp: 204194
Ion Ratio Lower Upper
188 100
94 25.4 20.3 30.5
80 27.8 22.2 33.4



#20
4-Bromophenyl-phenylether
Concen: 1.67 ng
RT: 16.27 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion:248 Resp: 11081
Ion Ratio Lower Upper
248 100
250 93.7 75.0 112.4
141 66.2 53.0 79.4





#21

Hexachlorobenzene

Concen: 1.38 ng

RT: 16.40 min Scan# 951

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

Instrument :

BNA_M

ClientSampleId :

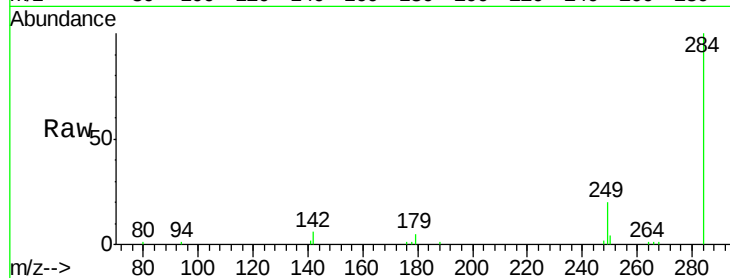
Tot Ion:284 Resp: 10478

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

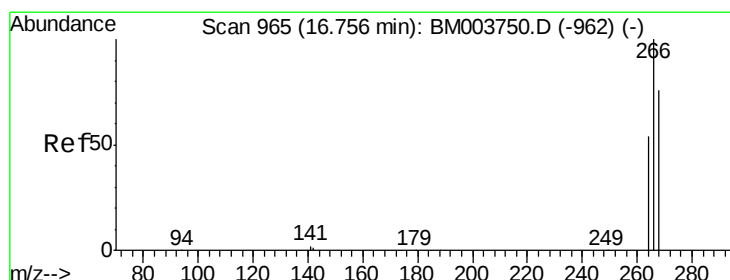
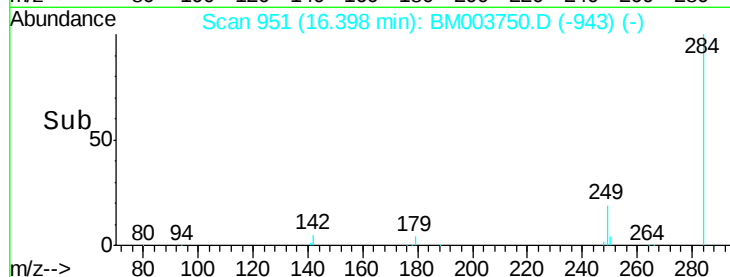
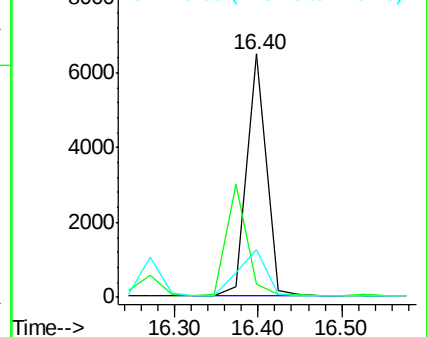
249 27.0 21.5 32.3



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: 0.93 ng

RT: 16.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

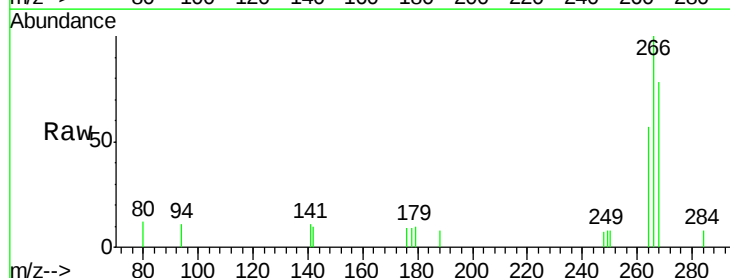
Tgt Ion:266 Resp: 2081

Ion Ratio Lower Upper

266 100

268 78.4 62.7 94.1

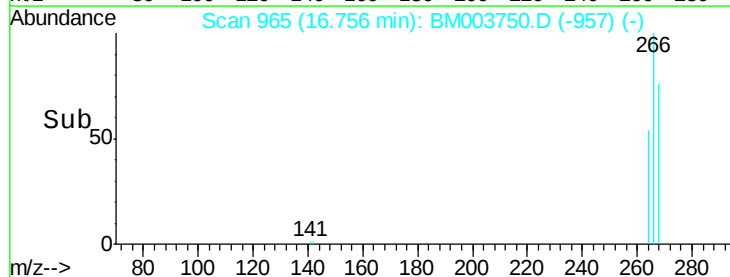
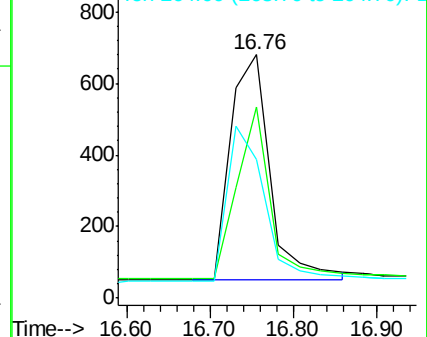
264 57.1 45.7 68.5

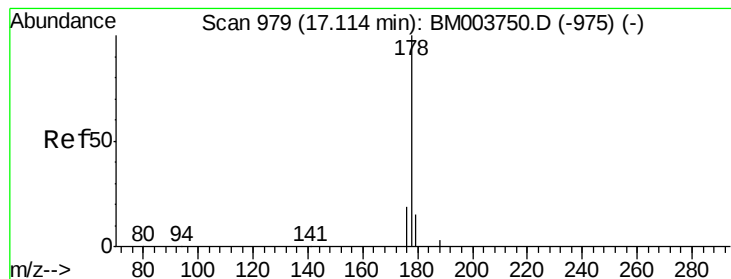


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 1.50 ng

RT: 17.11 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

Instrument :

BNA_M

ClientSampled :

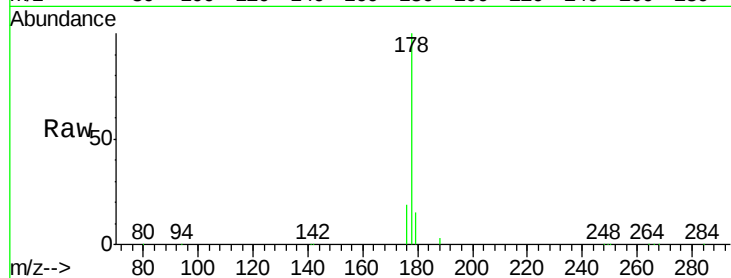
Tot Ion:178 Resp: 64626

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

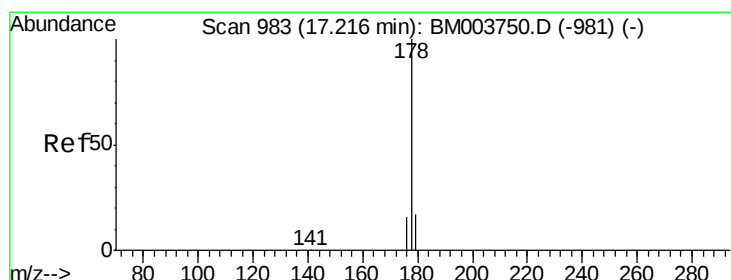
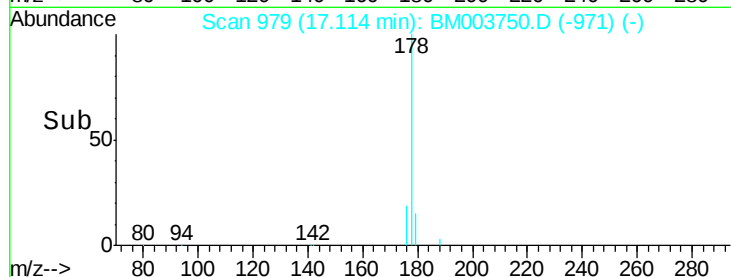
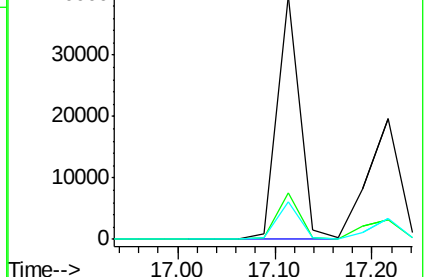
179 15.3 12.2 18.4



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: 1.06 ng

RT: 17.22 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

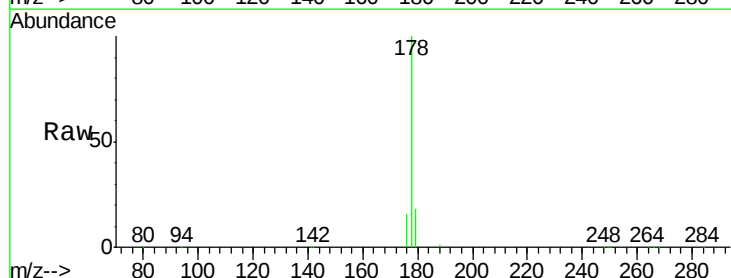
Tgt Ion:178 Resp: 44295

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

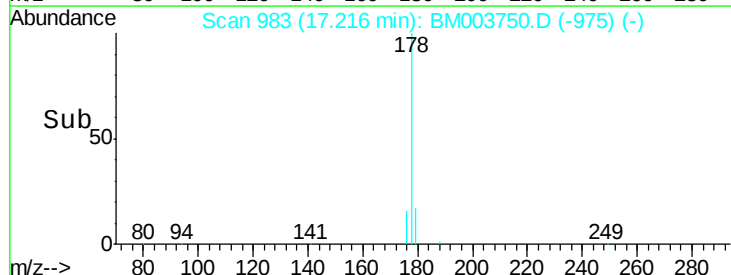
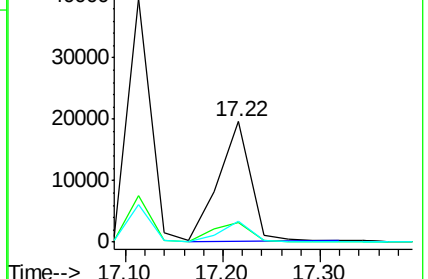
179 15.7 12.6 19.0

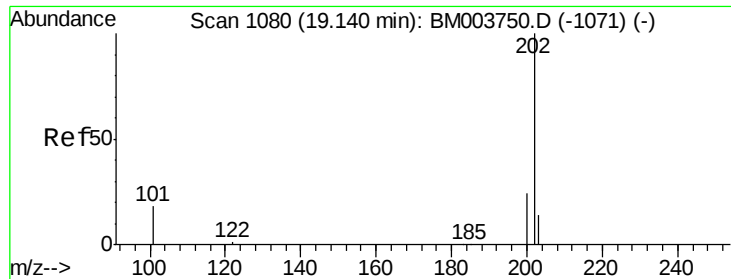


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 1.33 ng

RT: 19.14 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

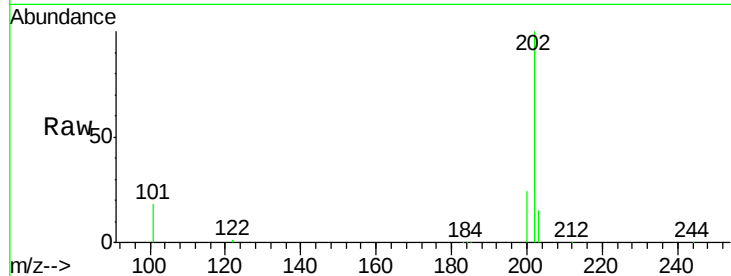
Instrument :

BNA_M

ClientSampleId :

Tot Ion:202 Resp: 57064

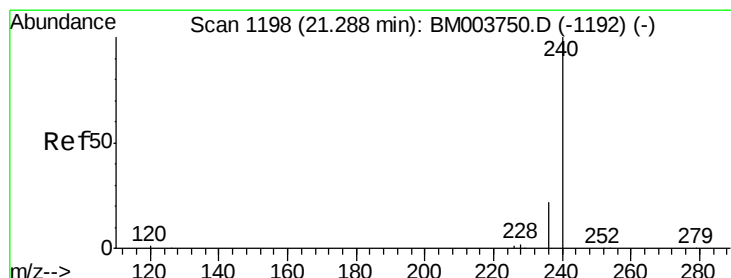
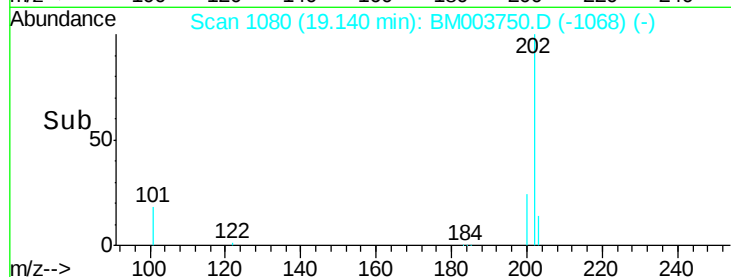
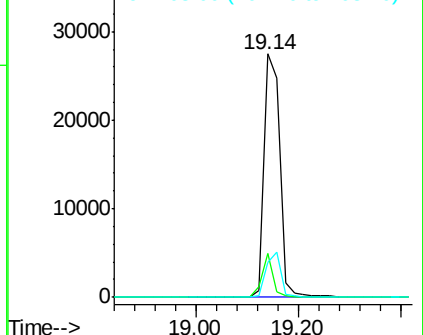
Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.7	14.5
203	17.3	13.8	20.8



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: 21.29 min Scan# 1198

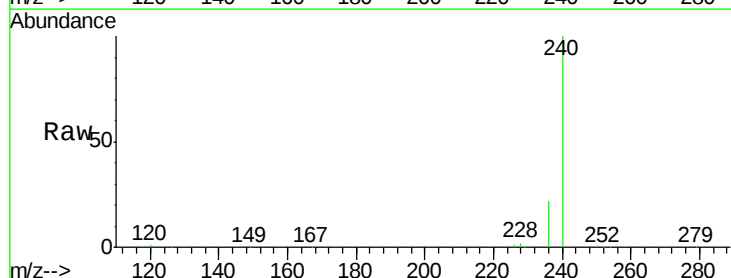
Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

Tgt Ion:240 Resp: 190764

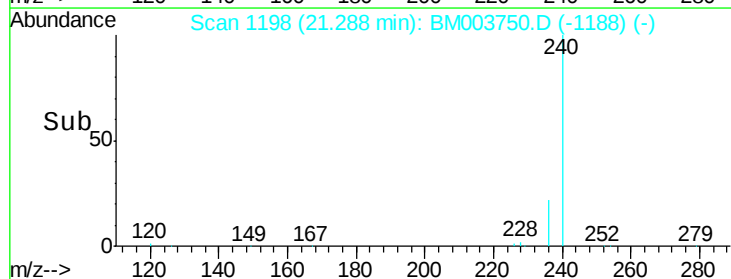
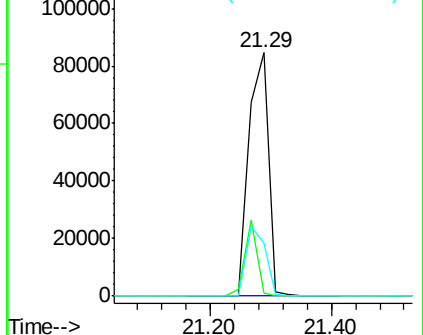
Ion	Ratio	Lower	Upper
240	100		
120	1.1	0.9	1.3
236	21.6	17.3	25.9

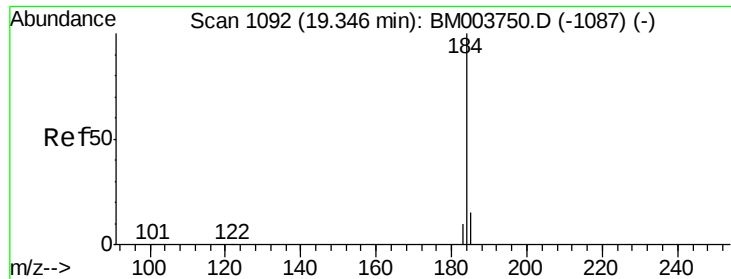


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.75 ng

RT: 19.35 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

Instrument :

BNA_M

ClientSampled :

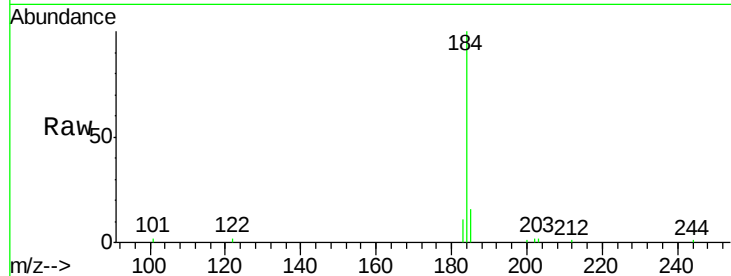
Tot Ion:184 Resp: 11448

Ion Ratio Lower Upper

184 100

185 16.5 13.2 19.8

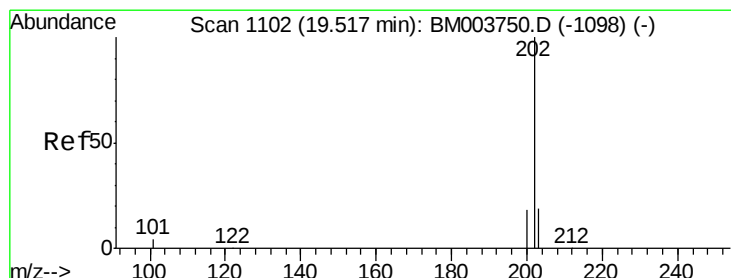
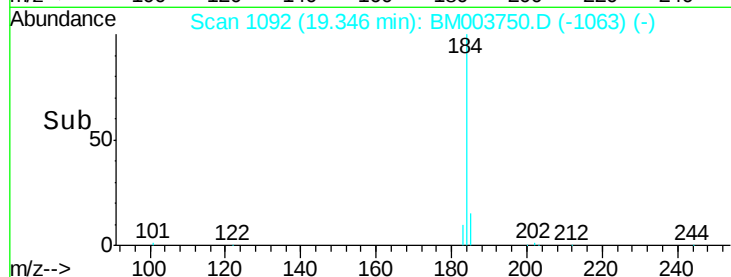
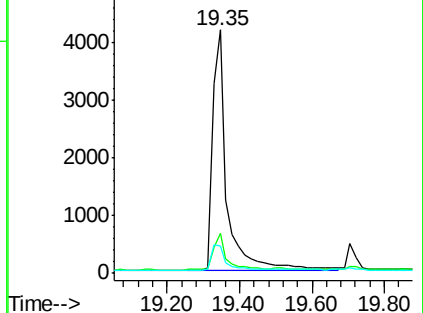
183 11.3 9.0 13.6



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: 0.87 ng

RT: 19.52 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

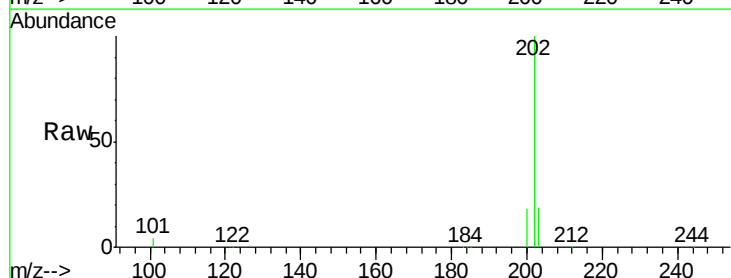
Tgt Ion:202 Resp: 59964

Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

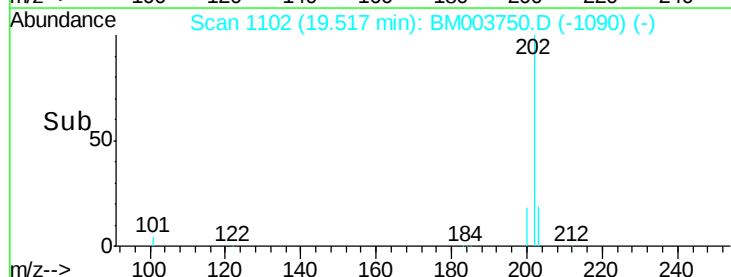
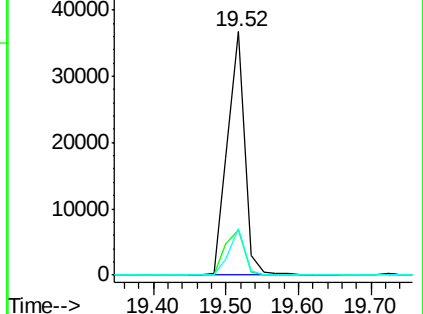
203 17.5 14.0 21.0

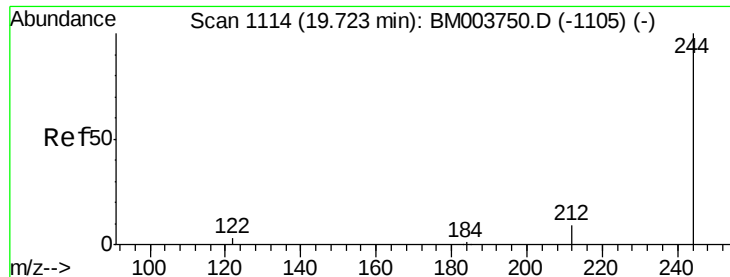


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.96 ng

RT: 19.72 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

Instrument :

BNA_M

ClientSampleId :

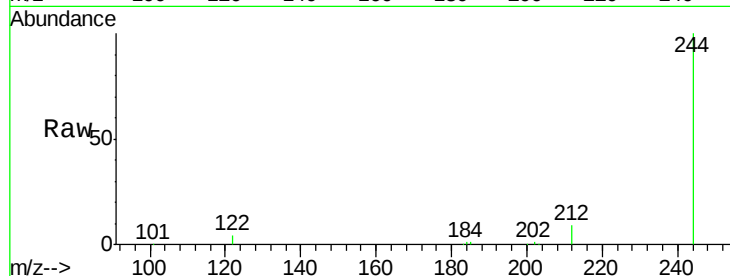
Tot Ion:244 Resp: 29646

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

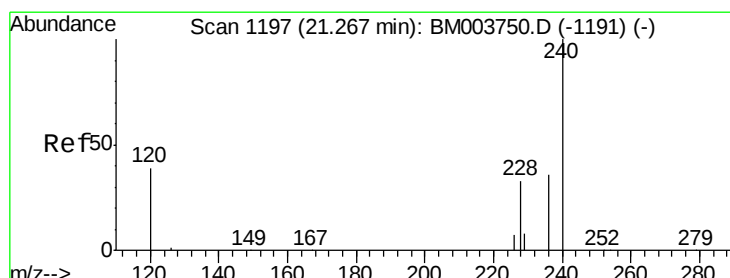
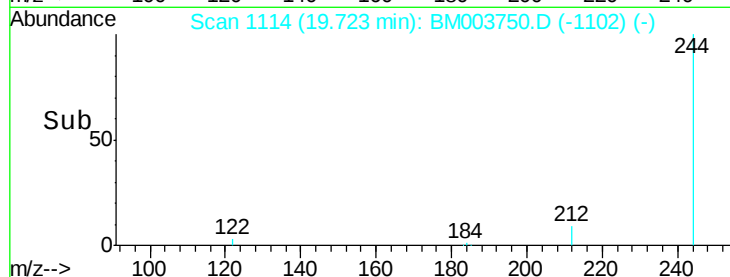
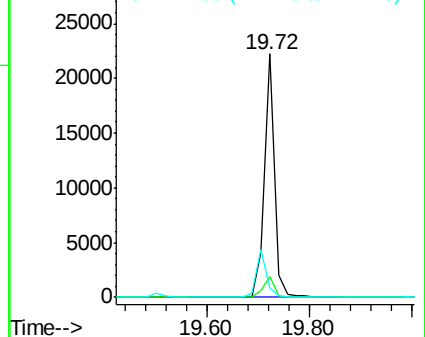
122 3.8 3.0 4.6



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: 0.93 ng

RT: 21.27 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

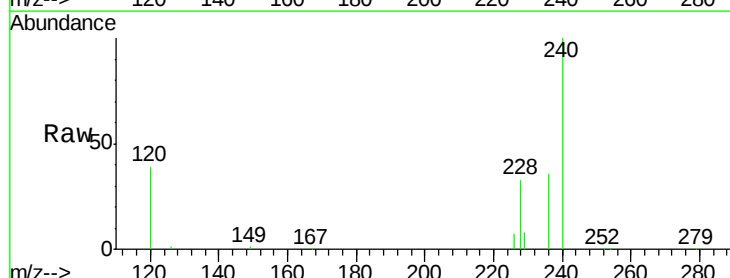
Tgt Ion:228 Resp: 47798

Ion Ratio Lower Upper

228 100

226 21.5 17.2 25.8

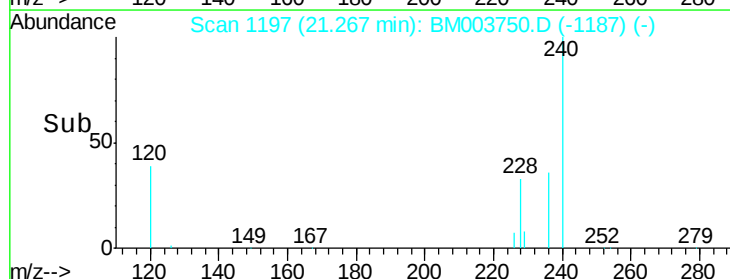
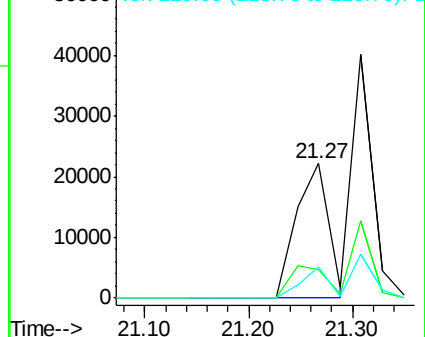
229 23.4 18.7 28.1

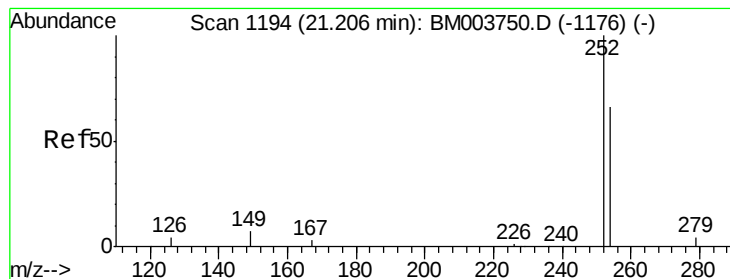


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 1.09 ng

RT: 21.21 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

Instrument :

BNA_M

ClientSampleId :

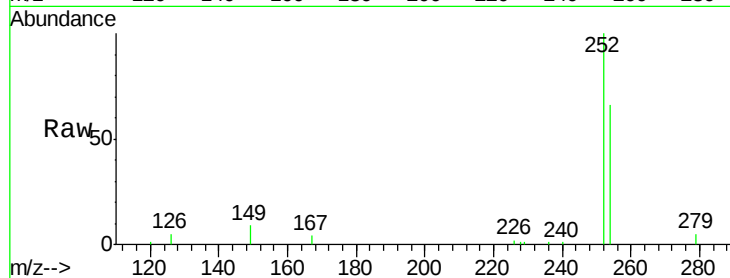
Tot Ion:252 Resp: 14735

Ion Ratio Lower Upper

252 100

254 65.8 52.6 79.0

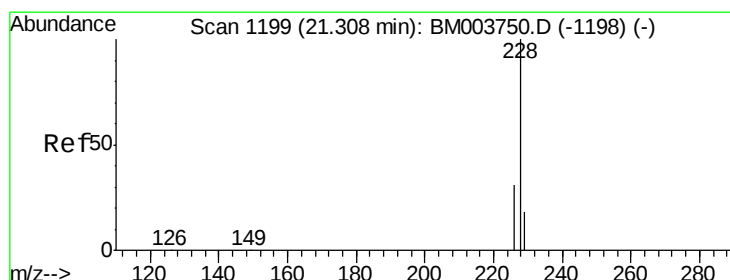
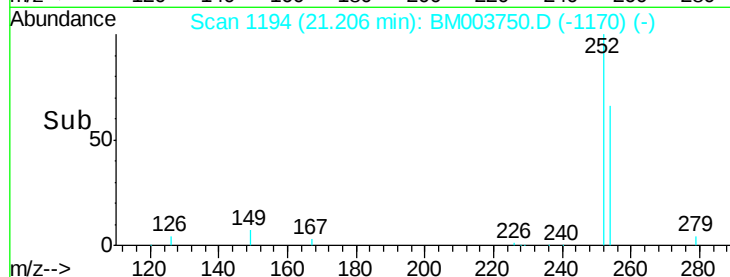
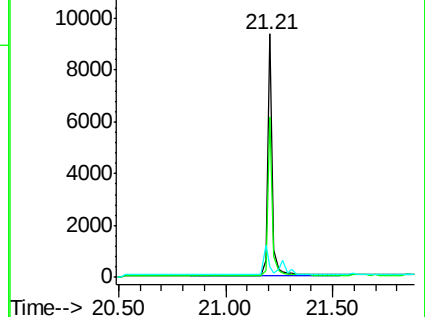
126 4.6 3.7 5.5



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: 0.80 ng

RT: 21.27 min Scan# 1197

Delta R.T. -0.04 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

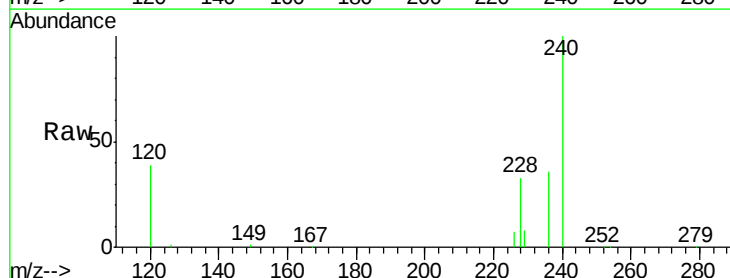
Tgt Ion:228 Resp: 47798

Ion Ratio Lower Upper

228 100

226 21.5 25.3 37.9#

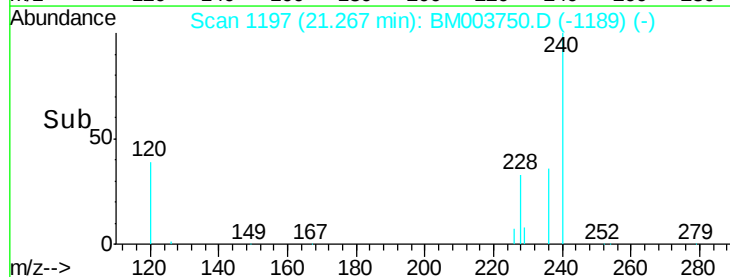
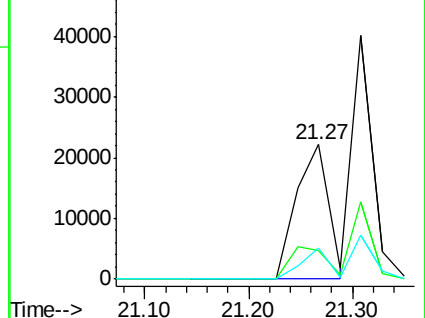
229 23.4 14.5 21.7#

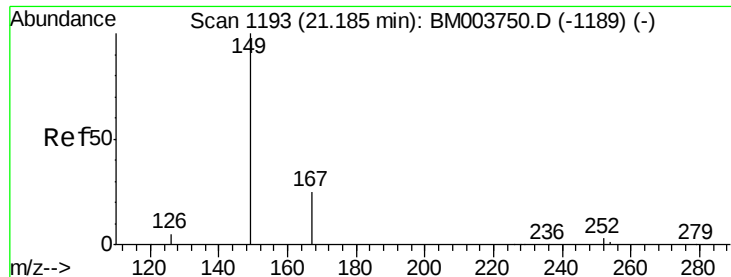


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 1.14 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

Instrument :

BNA_M

ClientSampleId :

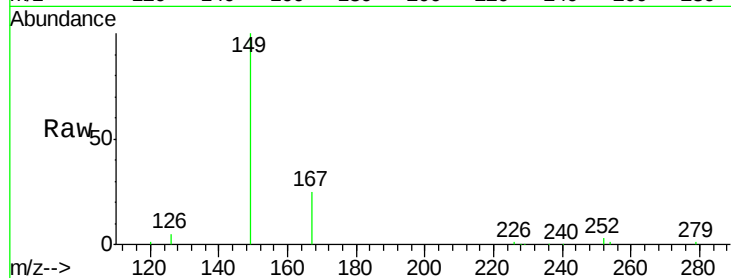
Tot Ion:149 Resp: 30313

Ion Ratio Lower Upper

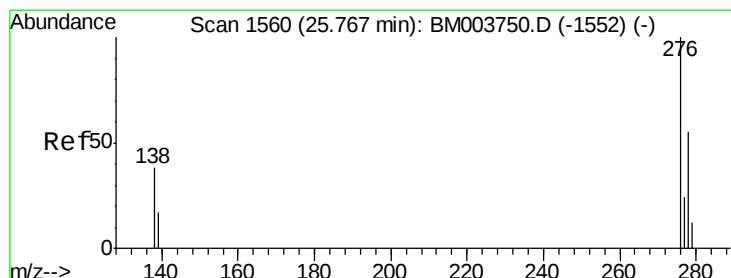
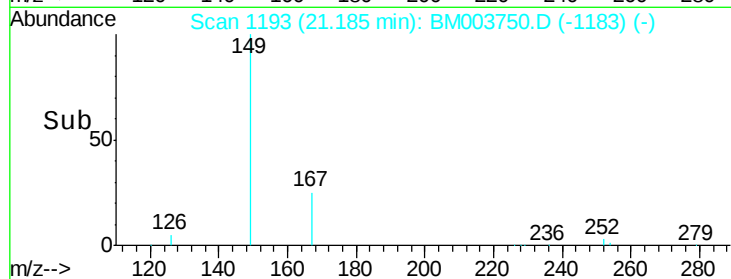
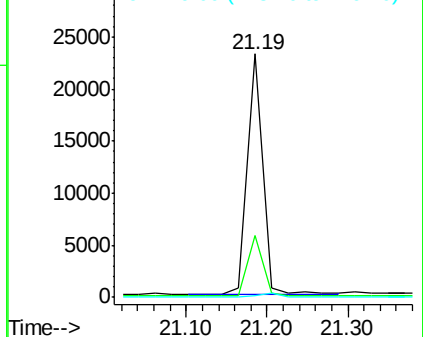
149 100

167 25.1 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: 0.83 ng

RT: 25.77 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

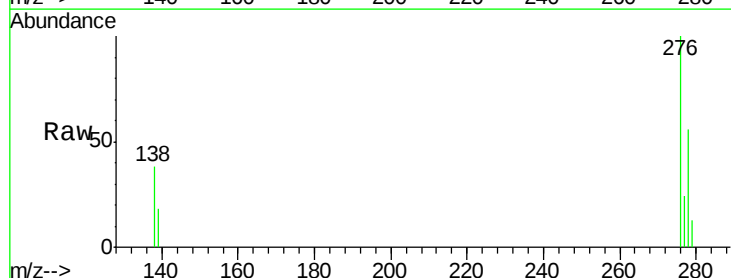
Tgt Ion:276 Resp: 37298

Ion Ratio Lower Upper

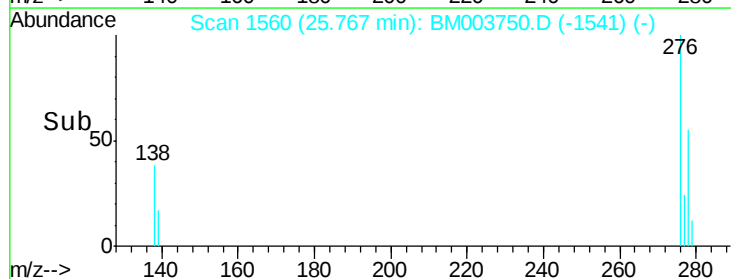
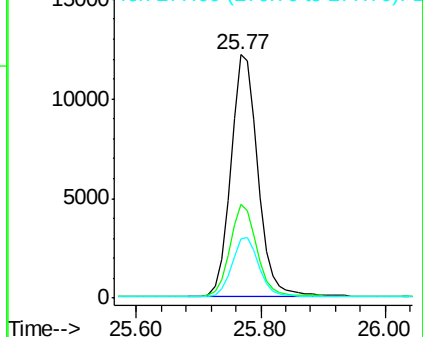
276 100

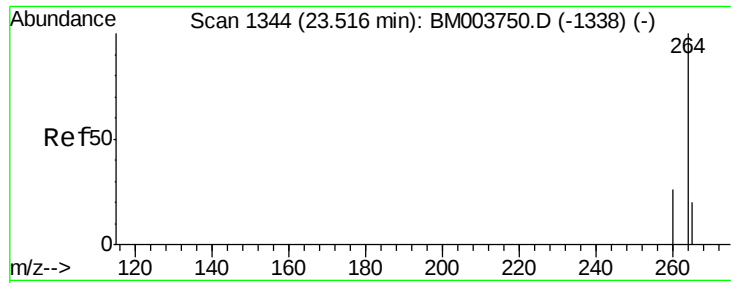
138 37.7 30.2 45.2

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

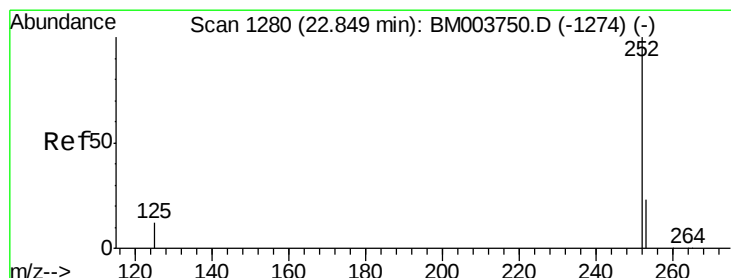
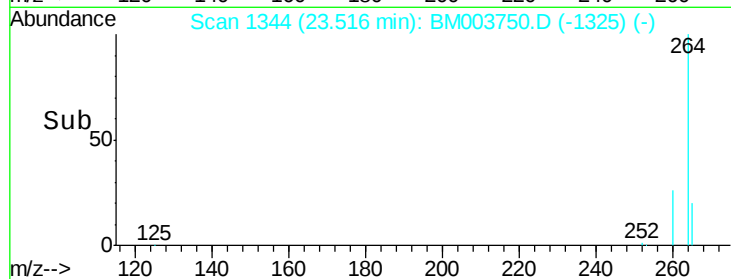
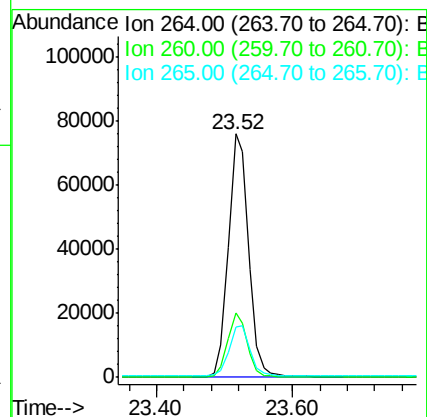
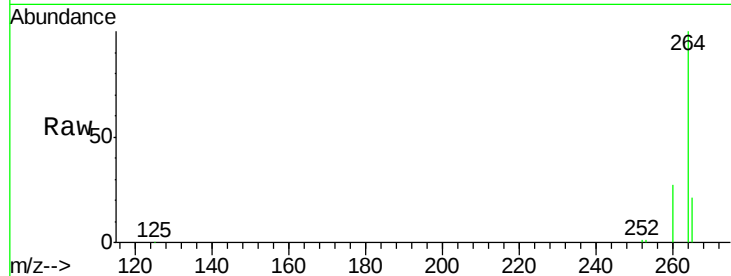




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.52 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BM003750.D
 Acq: 23 Dec 2015 20:45

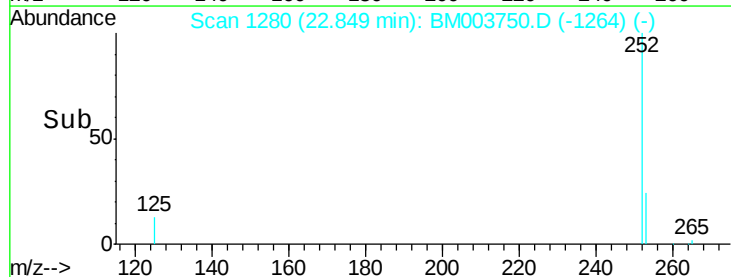
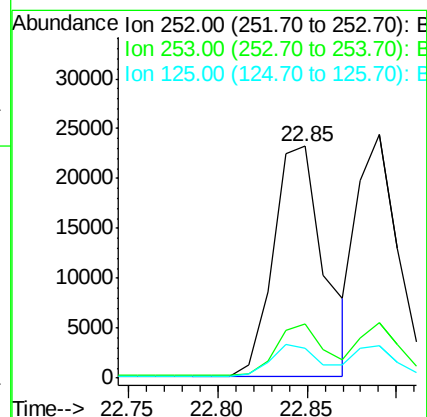
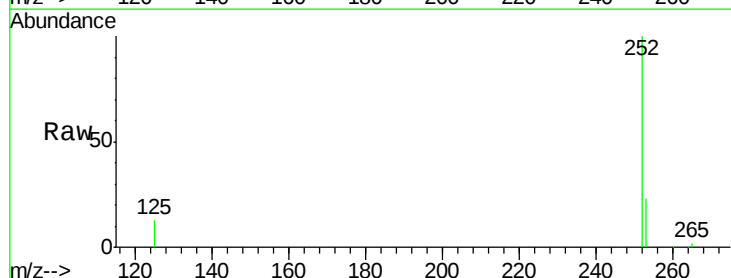
Instrument :
 BNA_M
 ClientSampleId :

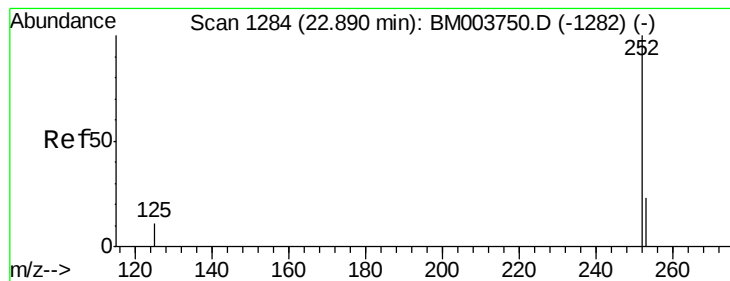
Tot Ion:264 Resp: 155934
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.2 31.8
 265 20.9 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 0.97 ng
 RT: 22.85 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BM003750.D
 Acq: 23 Dec 2015 20:45

Tgt Ion:252 Resp: 45896
 Ion Ratio Lower Upper
 252 100
 253 23.5 18.8 28.2
 125 12.8 10.2 15.4





#37

Benzo(k)fluoranthene

Concen: 0.92 ng

RT: 22.89 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

Instrument :

BNA_M

ClientSampleId :

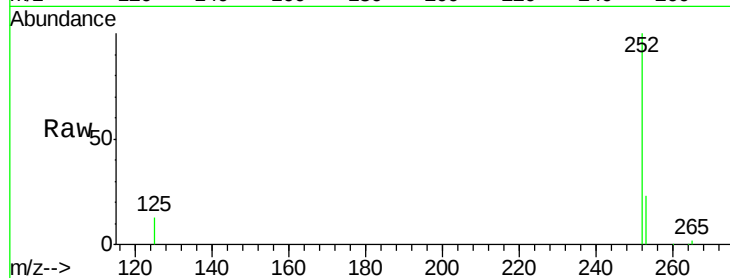
Tot Ion:252 Resp: 39121

Ion Ratio Lower Upper

252 100

253 22.9 18.3 27.5

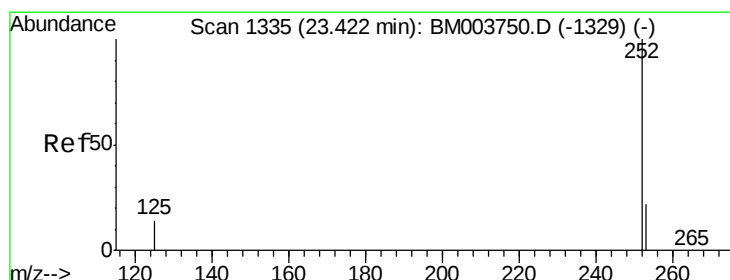
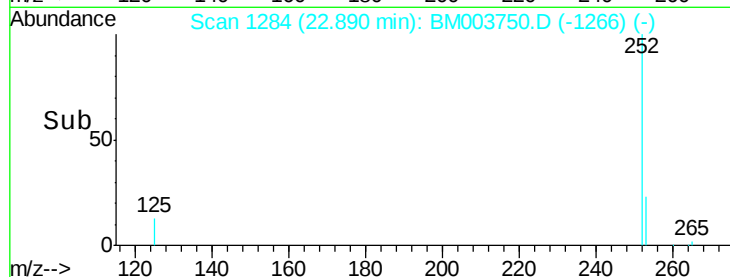
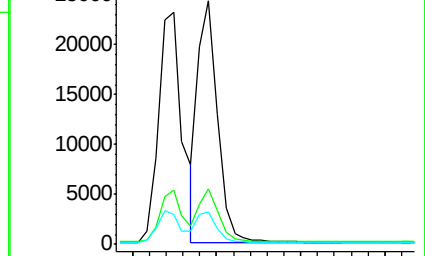
125 13.2 10.6 15.8



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: 0.95 ng

RT: 23.42 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

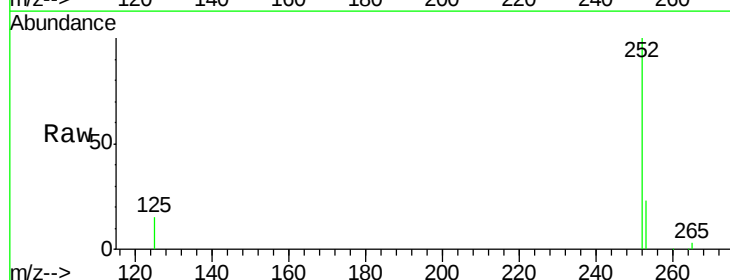
Tgt Ion:252 Resp: 37028

Ion Ratio Lower Upper

252 100

253 23.4 18.7 28.1

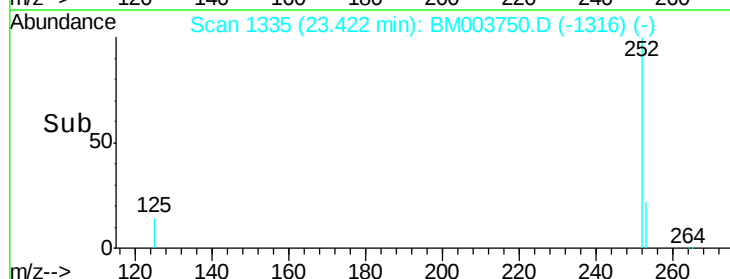
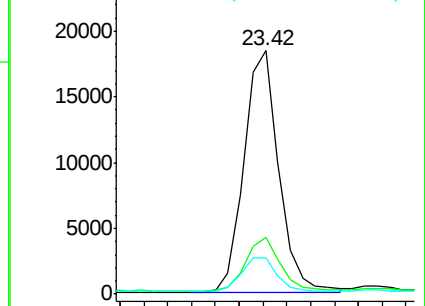
125 14.8 11.8 17.8

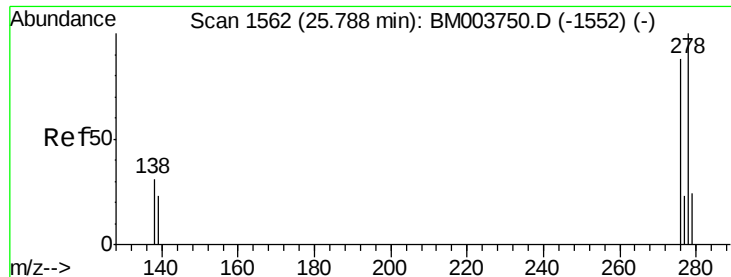


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.84 ng

RT: 25.79 min Scan# 1562

Delta R.T. 0.00 min

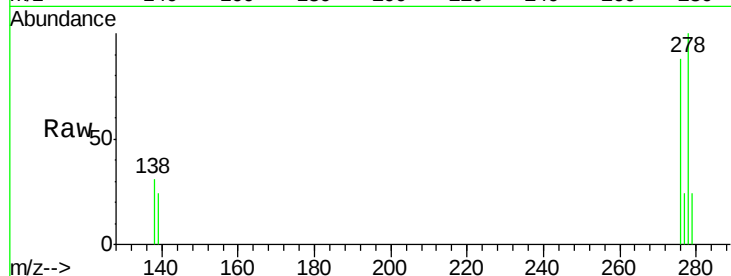
Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

Instrument :

BNA_M

ClientSampleId :



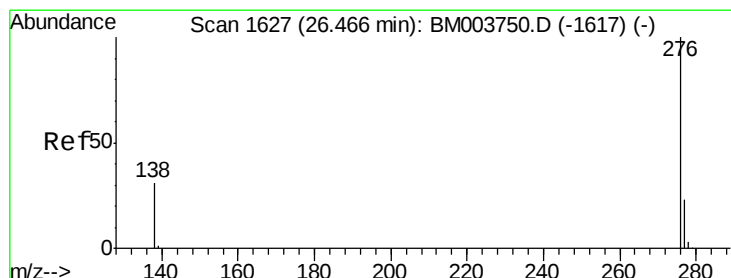
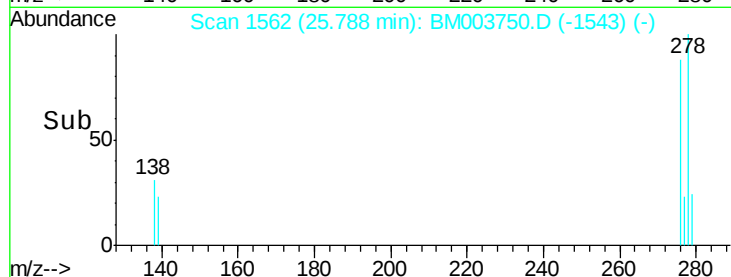
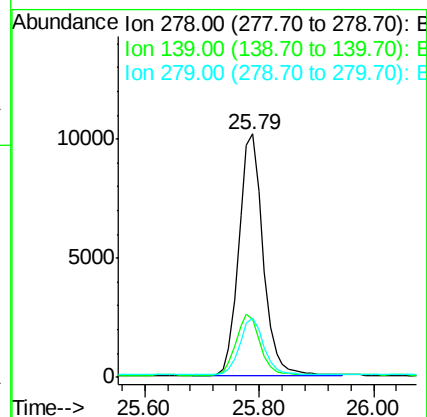
Tot Ion:278 Resp: 30078

Ion Ratio Lower Upper

278 100

139 23.8 19.0 28.6

279 24.5 19.6 29.4



#40

Benzo(g,h,i)perylene

Concen: 0.84 ng

RT: 26.47 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BM003750.D

Acq: 23 Dec 2015 20:45

Tgt Ion:276 Resp: 31801

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 31.2 25.0 37.4

