

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060215\
 Data File : BM001525.D
 Acq On : 02 Jun 2015 22:26
 Operator : TP/IZ
 Sample : G2446-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 T-550

Quant Time: Jun 03 04:59:46 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 02:19:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	11963	5.00	ng	0.00
6) Naphthalene-d8	10.49	136	41120	5.00	ng	0.00
12) Acenaphthene-d10	14.36	164	19197	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	55781	5.00	ng	0.00
25) Chrysene-d12	21.28	240	31593	5.00	ng	-0.01
32) Perylene-d12	23.53	264	31146	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	21400	8.18	ng	-0.02
5) Phenol-d6	6.86	99	20789	6.43	ng	0.00
7) Nitrobenzene-d5	8.87	82	26928	10.52	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	8170	22.82	ng	0.00
14) 2-Fluorobiphenyl	12.98	172	68283	11.85	ng	0.00
27) Terphenyl-d14	19.73	244	59779	15.35	ng	0.00

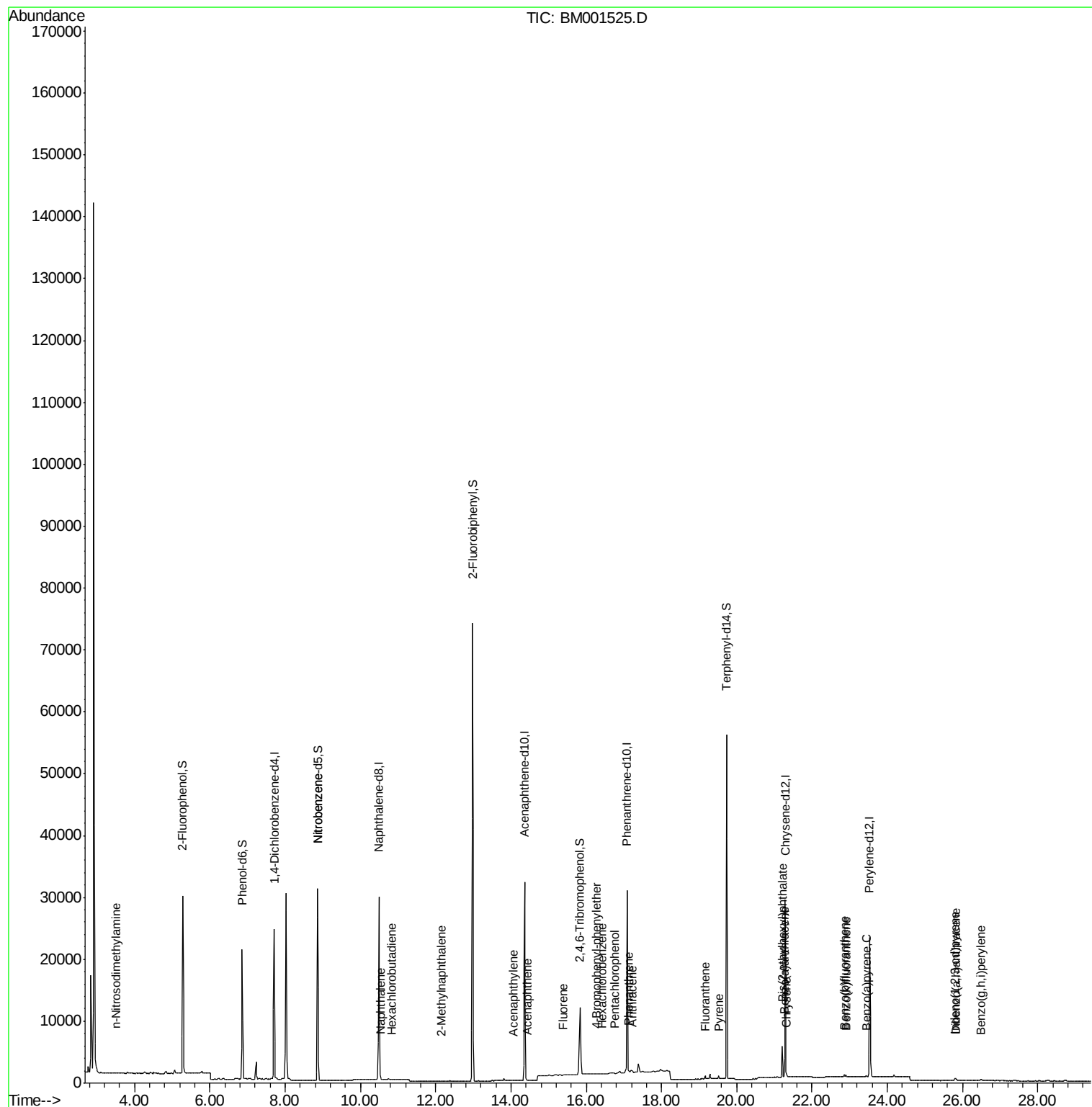
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	17	Below Cal	#	1
3) n-Nitrosodimethylamine	3.51	42	38	0.02	ng	10
8) Nitrobenzene	8.87	77	102	0.04	ng	26
9) Naphthalene	10.54	128	57	0.01	ng	1
10) Hexachlorobutadiene	10.83	225	4	0.00	ng	67
11) 2-Methylnaphthalene	12.17	142	44	0.01	ng	56
15) Acenaphthylene	14.07	152	24	0.00	ng	21
16) Acenaphthene	14.42	154	13	0.00	ng	1
17) Fluorene	15.39	166	104	0.01	ng	20
19) 4-Bromophenyl-phenylether	16.27	248	22	0.03	ng	7
20) Hexachlorobenzene	16.41	284	35	0.02	ng	37
21) Pentachlorophenol	16.75	266	82	0.28	ng	88
22) Phenanthrene	17.12	178	408	0.04	ng	81
23) Anthracene	17.23	178	355	0.03	ng	89
24) Fluoranthene	19.16	202	466	0.05	ng	74
26) Pyrene	19.53	202	461	0.05	ng	96
28) Benzo(a)anthracene	21.27	228	571	0.07	ng	74
29) Chrysene	21.31	228	500	0.06	ng	70
30) Bis(2-ethylhexyl)phthalate	21.21	149	5240	0.87	ng	96
31) Indeno(1,2,3-cd)pyrene	25.80	276	453	0.05	ng	83
33) Benzo(b)fluoranthene	22.85	252	512	0.06	ng	14
34) Benzo(k)fluoranthene	22.90	252	437	0.06	ng	2
35) Benzo(a)pyrene	23.44	252	310	0.04	ng	1
36) Dibenzo(a,h)anthracene	25.83	278	352	0.05	ng	14
37) Benzo(g,h,i)perylene	26.49	276	397	0.05	ng	40

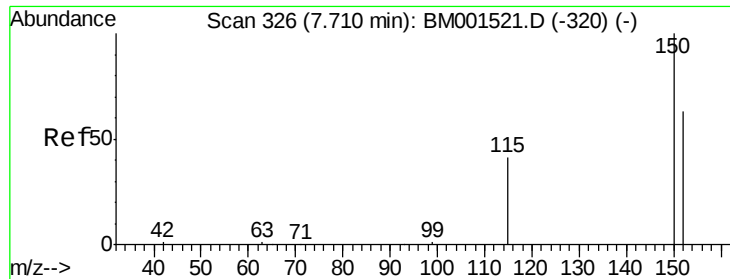
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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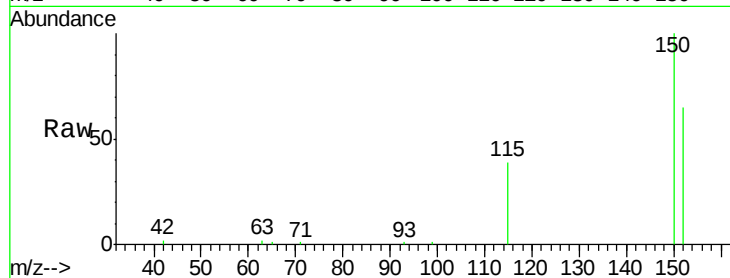




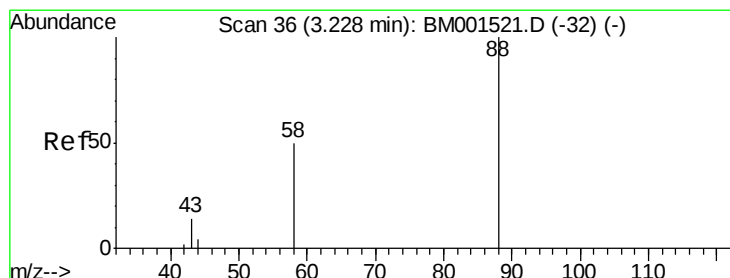
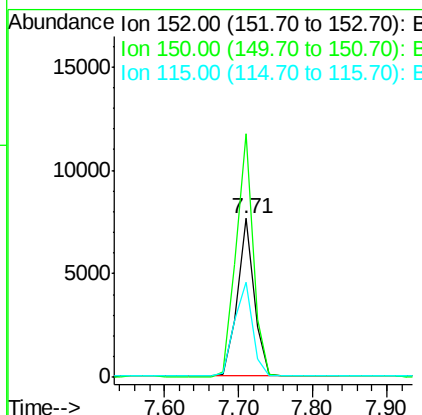
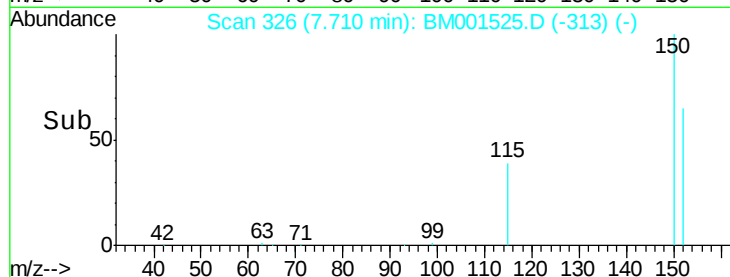
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.71 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: BM001525.D
 Acq: 02 Jun 2015 22:26

Instrument :
 BNA_M
 ClientSampleId :
 T-550

Tgt Ion: 152 Resp: 11963
 Ion Ratio Lower Upper
 152 100
 150 153.1 119.0 178.6
 115 60.1 41.8 62.8

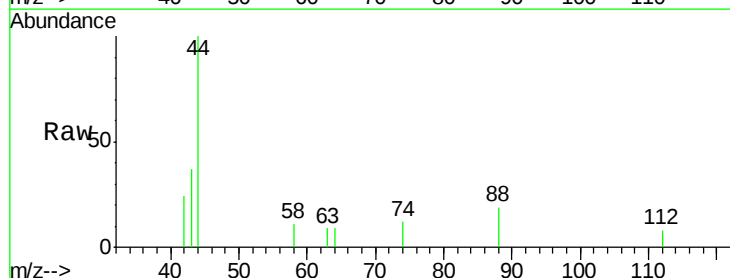


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

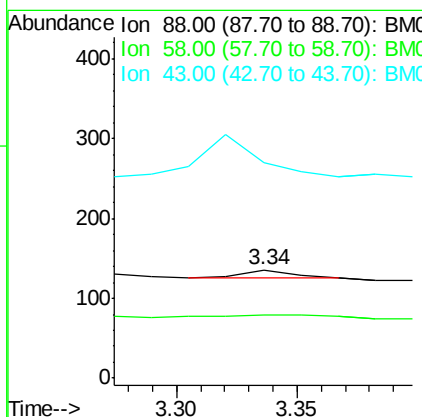
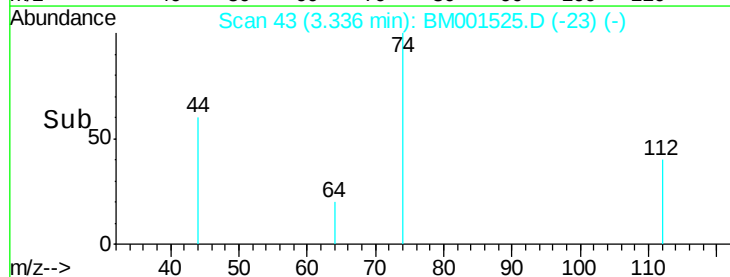


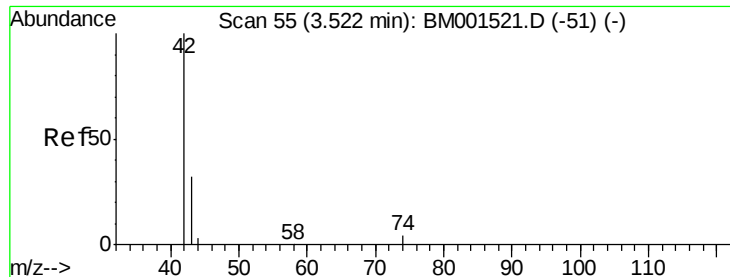
#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.34 min Scan# 43
 Delta R.T. 0.11 min
 Lab File: BM001525.D
 Acq: 02 Jun 2015 22:26

Tgt Ion: 88 Resp: 17
 Ion Ratio Lower Upper
 88 100
 58 47.1 71.3 106.9#
 43 488.2 35.5 53.3#



Abundance Ion 88.00 (87.70 to 88.70): BM0
 Ion 58.00 (57.70 to 58.70): BM0
 Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.02 ng

RT: 3.51 min Scan# 54

Delta R.T. -0.02 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

Instrument :

BNA_M

ClientSampleId :

T-550

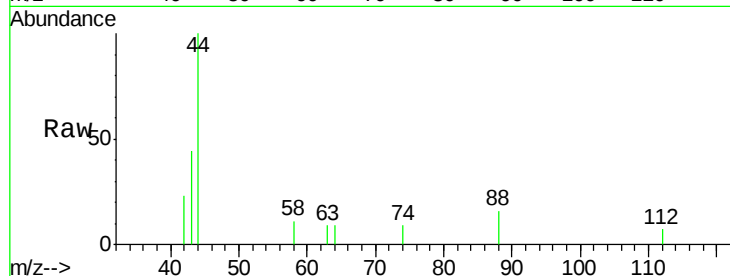
Tgt Ion: 42 Resp: 38

Ion Ratio Lower Upper

42 100

74 0.0 72.2 108.2#

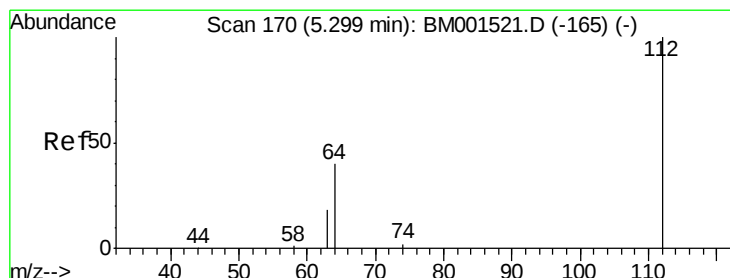
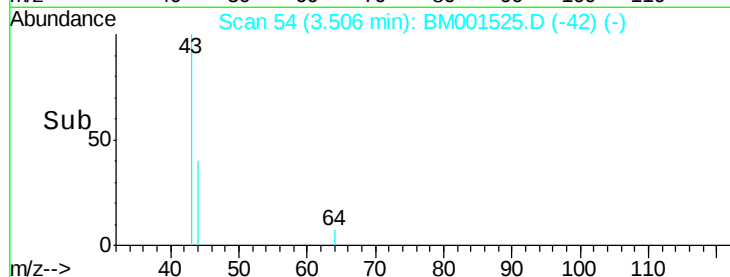
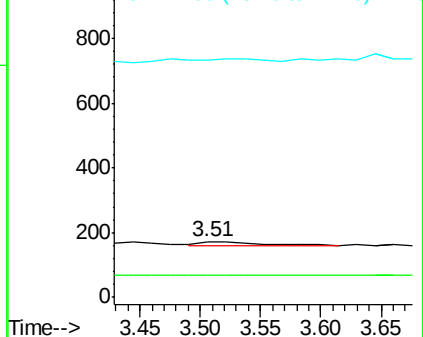
44 0.0 6.2 9.2#



Abundance Ion 42.00 (41.70 to 42.70): BM001525.D (-51) (-)

Ion 74.00 (73.70 to 74.70): BM001525.D (-51) (-)

Ion 44.00 (43.70 to 44.70): BM001525.D (-51) (-)



#4

2-Fluorophenol

Concen: 8.18 ng

RT: 5.28 min Scan# 169

Delta R.T. -0.02 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

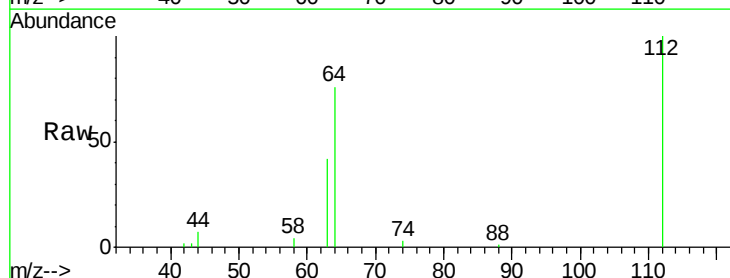
Tgt Ion: 112 Resp: 21400

Ion Ratio Lower Upper

112 100

64 66.3 51.7 77.5

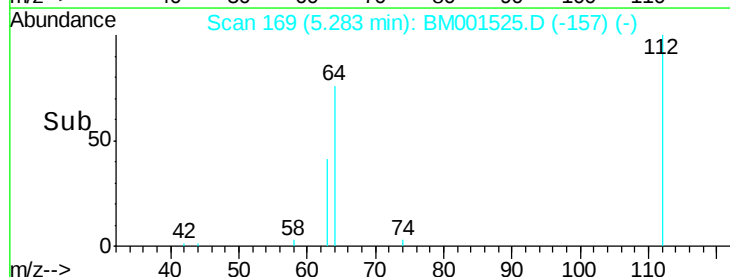
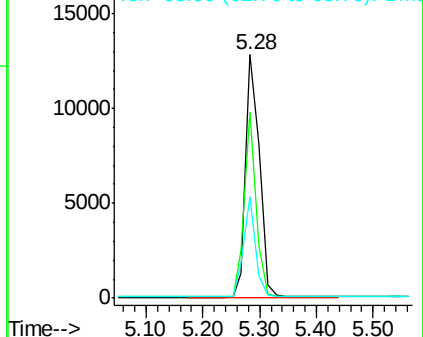
63 36.7 29.7 44.5

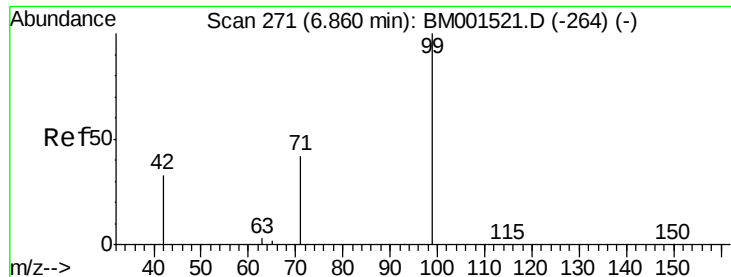


Abundance Ion 112.00 (111.70 to 112.70): BM001525.D (-165) (-)

Ion 64.00 (63.70 to 64.70): BM001525.D (-165) (-)

Ion 63.00 (62.70 to 63.70): BM001525.D (-165) (-)





#5

Phenol-d6

Concen: 6.43 ng

RT: 6.86 min Scan# 271

Delta R.T. -0.00 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

Instrument :

BNA_M

ClientSampleId :

T-550

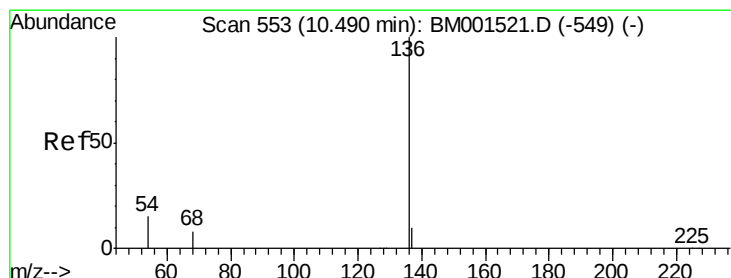
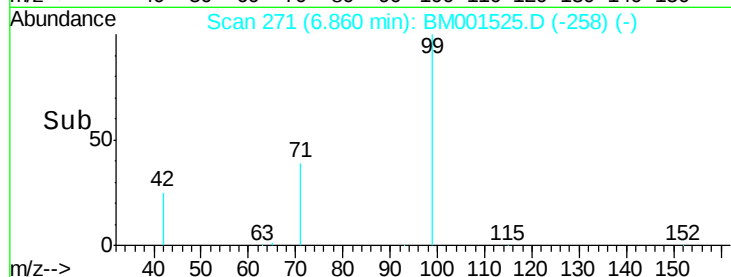
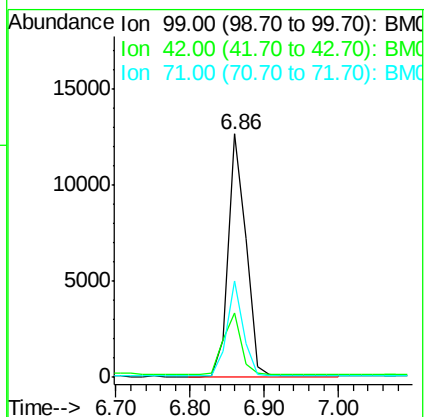
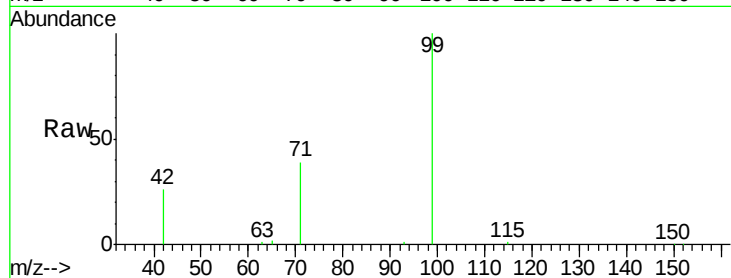
Tgt Ion: 99 Resp: 20789

Ion Ratio Lower Upper

99 100

42 25.7 21.8 32.6

71 35.8 29.2 43.8



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.00 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

Tgt Ion: 136 Resp: 41120

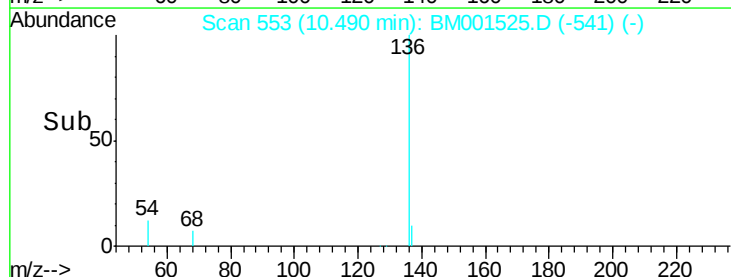
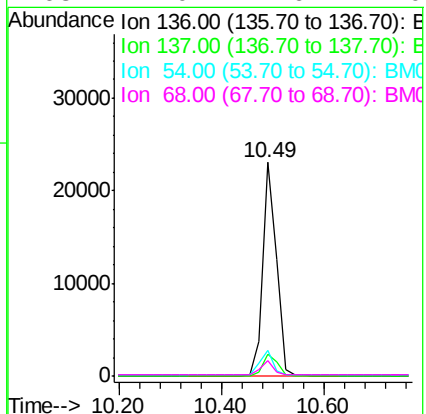
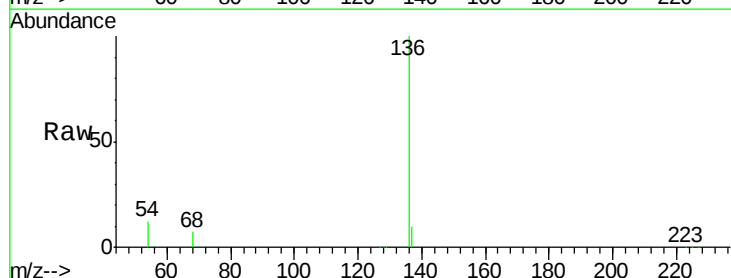
Ion Ratio Lower Upper

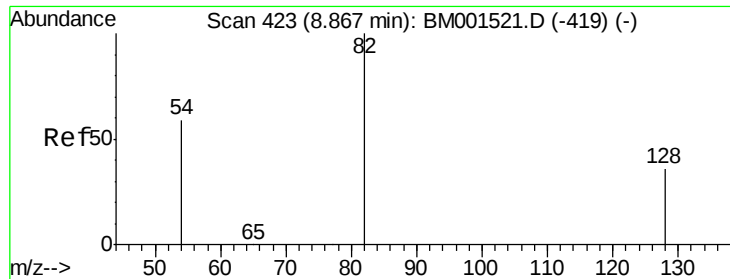
136 100

137 10.4 9.1 13.7

54 11.9 4.3 6.5#

68 7.0 2.6 4.0#





#7

Nitrobenzene-d5

Concen: 10.52 ng

RT: 8.87 min Scan# 423

Delta R.T. -0.00 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

Instrument :

BNA_M

ClientSampleId :

T-550

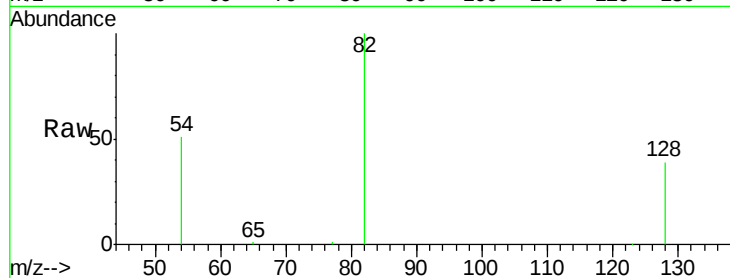
Tgt Ion: 82 Resp: 26928

Ion Ratio Lower Upper

82 100

128 39.5 30.2 45.4

54 51.1 52.9 79.3#

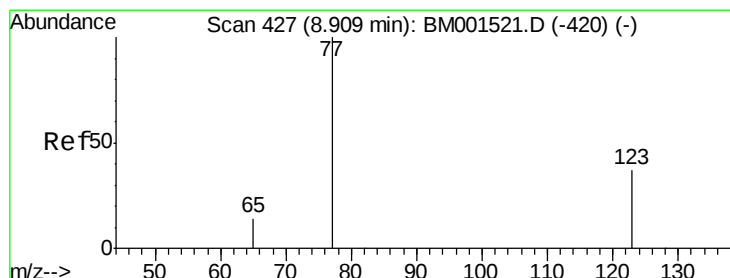
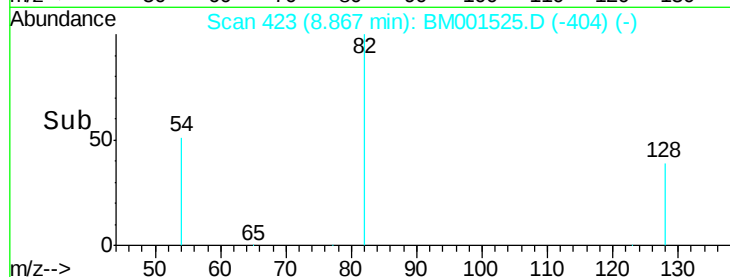
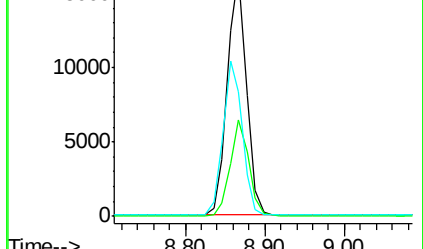


Abundance Ion 82.00 (81.70 to 82.70): BM001525.D (-419) (-)

Ion 128.00 (127.70 to 128.70): BM001525.D (-419) (-)

Ion 54.00 (53.70 to 54.70): BM001525.D (-419) (-)

Time-->



#8

Nitrobenzene

Concen: 0.04 ng

RT: 8.87 min Scan# 423

Delta R.T. -0.04 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

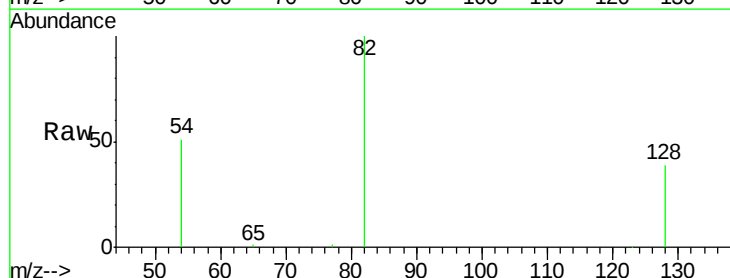
Tgt Ion: 77 Resp: 102

Ion Ratio Lower Upper

77 100

123 0.0 33.7 50.5#

65 52.9 11.3 16.9#

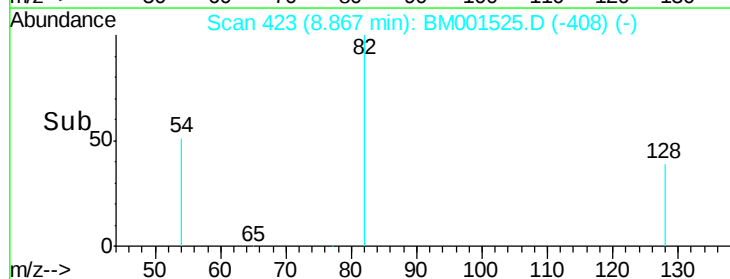
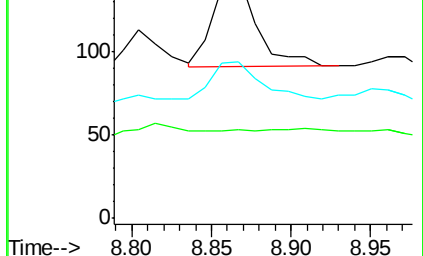


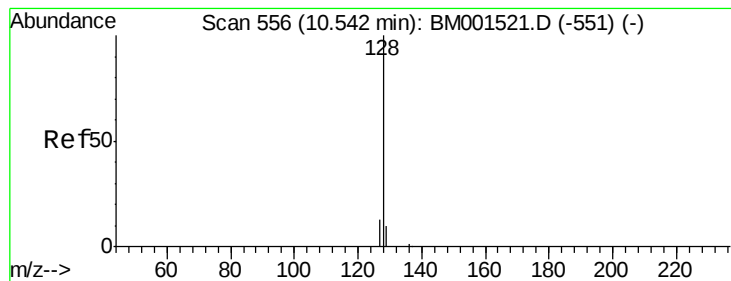
Abundance Ion 77.00 (76.70 to 77.70): BM001525.D (-420) (-)

Ion 123.00 (122.70 to 123.70): BM001525.D (-420) (-)

Ion 65.00 (64.70 to 65.70): BM001525.D (-420) (-)

Time-->





#9

Naphthalene

Concen: 0.01 ng

RT: 10.54 min Scan# 556

Delta R.T. -0.00 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

Instrument :

BNA_M

ClientSampleId :

T-550

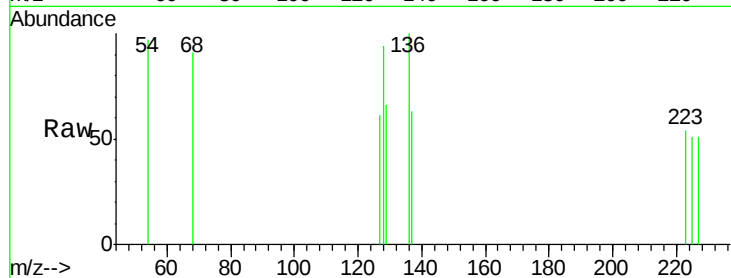
Tgt Ion:128 Resp: 57

Ion Ratio Lower Upper

128 100

129 70.1 8.6 13.0#

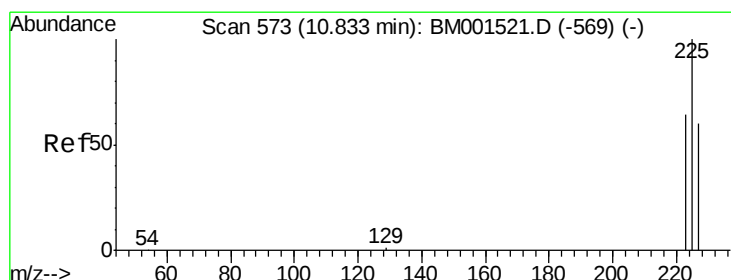
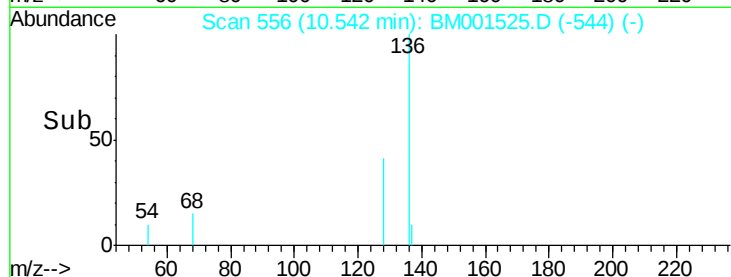
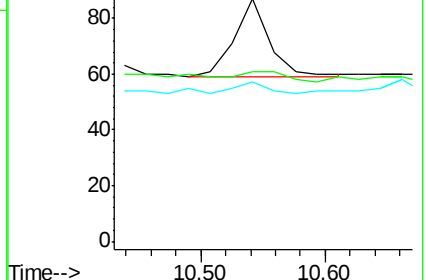
127 65.5 11.7 17.5#



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: 0.00 ng

RT: 10.83 min Scan# 573

Delta R.T. -0.00 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

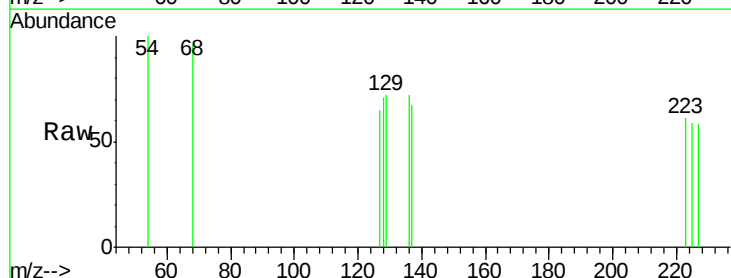
Tgt Ion:225 Resp: 4

Ion Ratio Lower Upper

225 100

223 25.0 50.2 75.2#

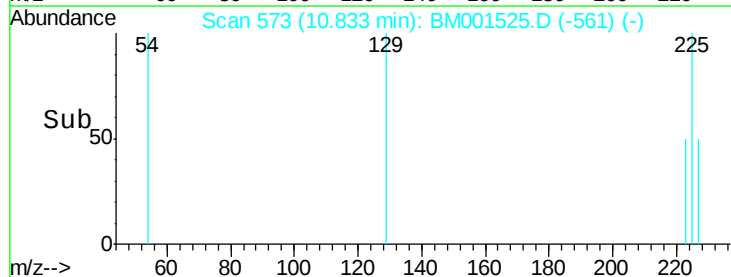
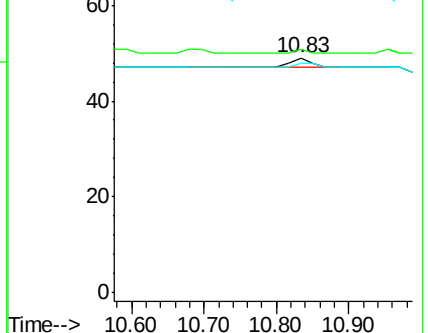
227 50.0 51.1 76.7#

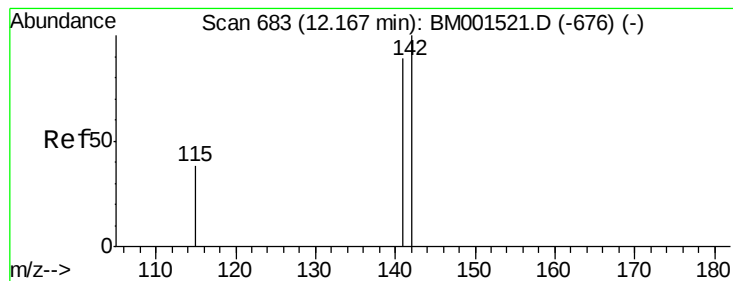


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.01 ng

RT: 12.17 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

Instrument :

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ClientSampled :

T-550

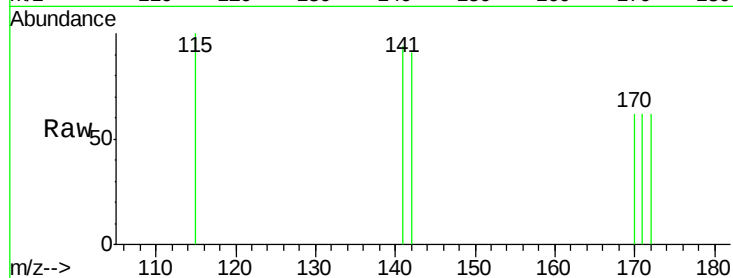
Tgt Ion:142 Resp: 44

Ion Ratio Lower Upper

142 100

141 102.8 72.6 109.0

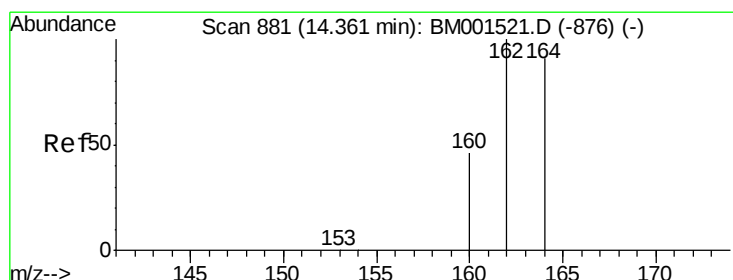
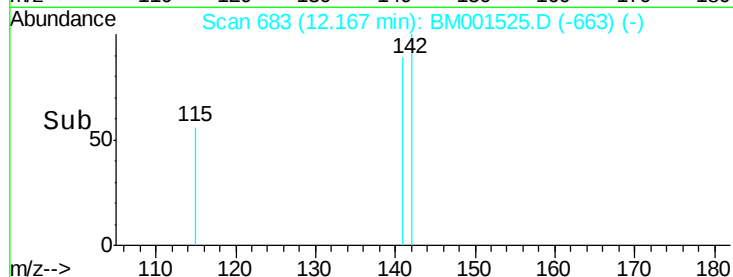
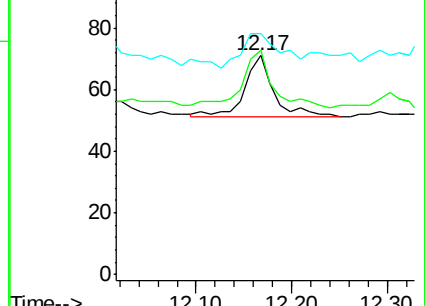
115 109.9 31.2 46.8#



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: 14.36 min Scan# 881

Delta R.T. -0.01 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

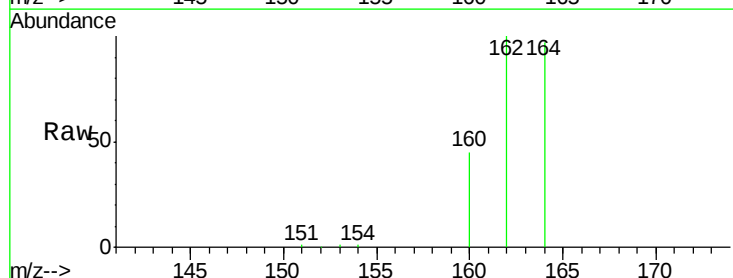
Tgt Ion:164 Resp: 19197

Ion Ratio Lower Upper

164 100

162 103.5 83.4 125.2

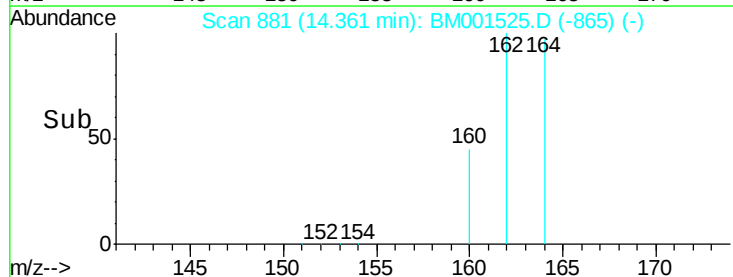
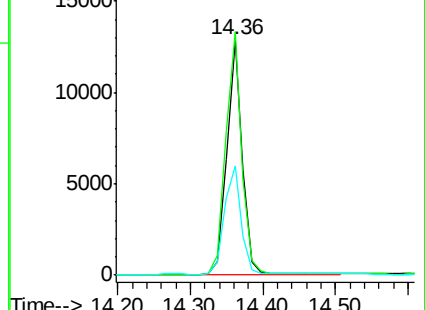
160 46.5 36.9 55.3

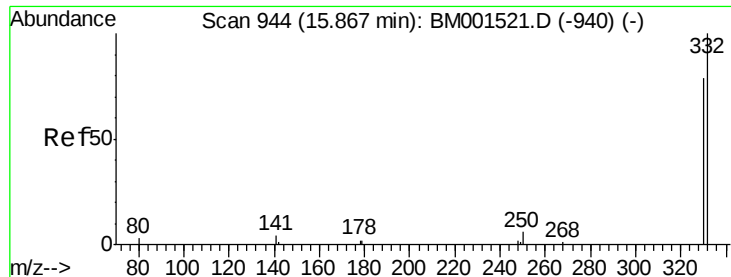


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

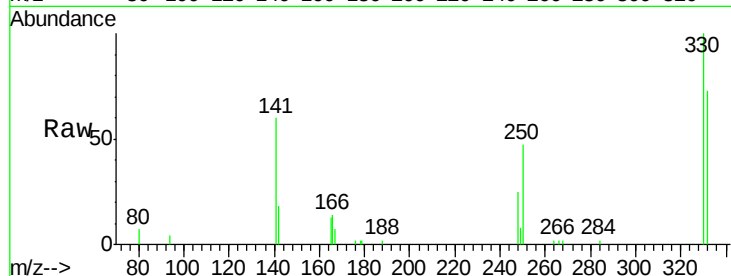




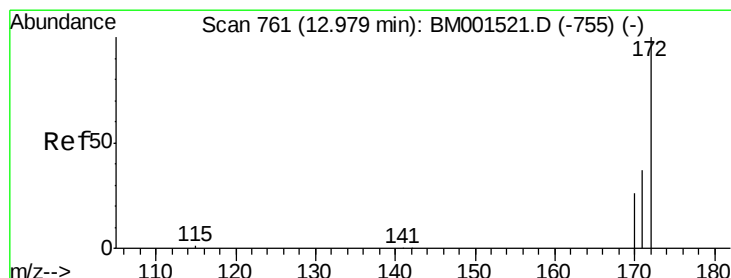
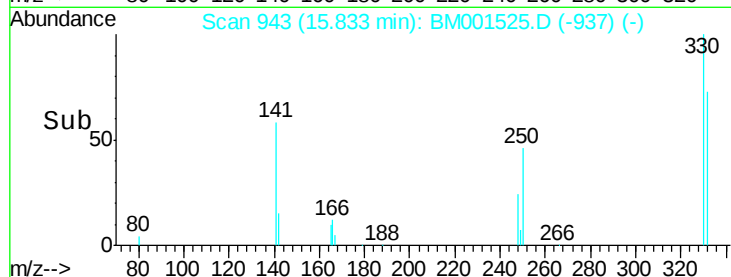
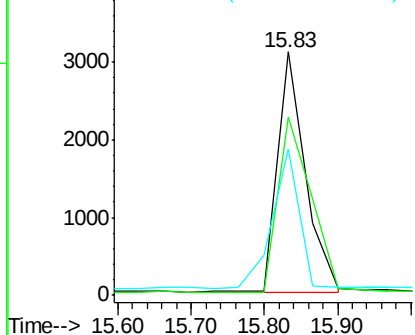
#13
 2,4,6-Tribromophenol
 Concen: 22.82 ng
 RT: 15.83 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BM001525.D
 Acq: 02 Jun 2015 22:26

Instrument :
 BNA_M
 ClientSampleId :
 T-550

Tgt Ion:330 Resp: 8170
 Ion Ratio Lower Upper
 330 100
 332 86.8 90.3 135.5#
 141 56.8 0.0 0.0#

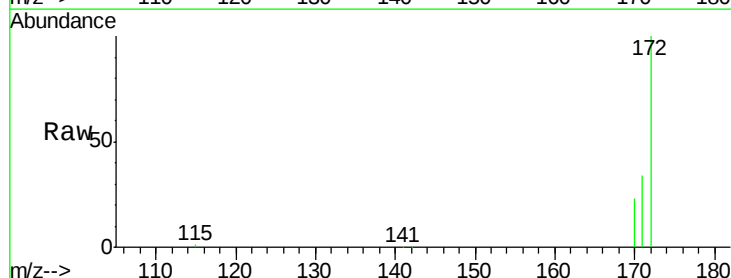


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

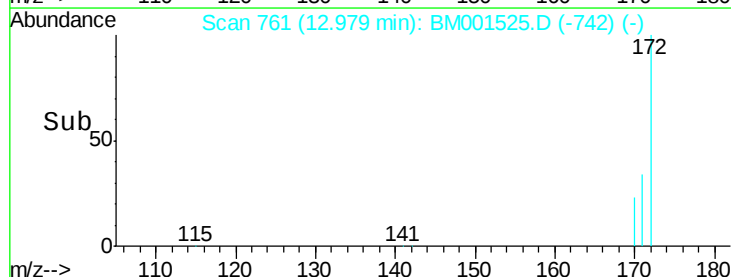
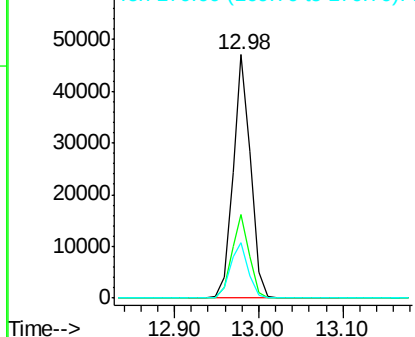


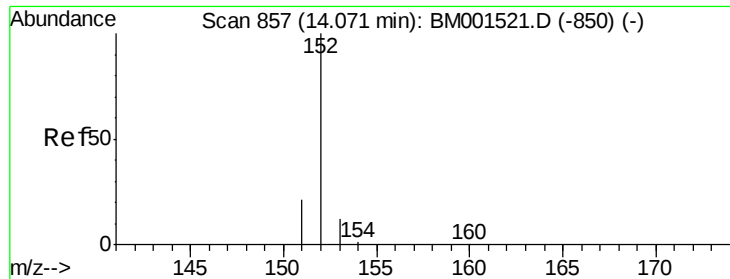
#14
 2-Fluorobiphenyl
 Concen: 11.85 ng
 RT: 12.98 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BM001525.D
 Acq: 02 Jun 2015 22:26

Tgt Ion:172 Resp: 68283
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.4 44.0
 170 22.7 20.2 30.4



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

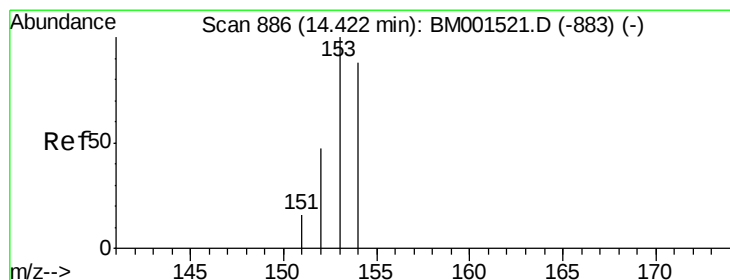
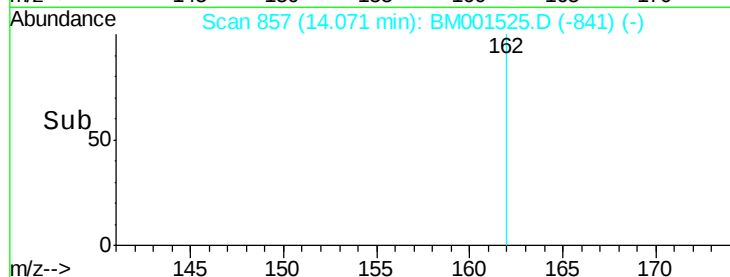
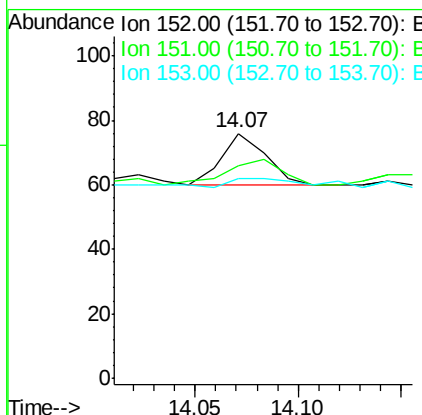
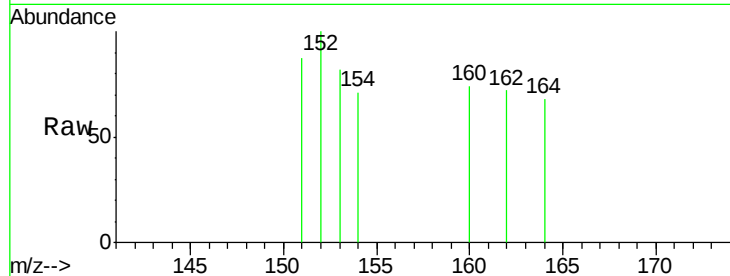




#15
Acenaphthylene
Concen: 0.00 ng
RT: 14.07 min Scan# 857
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

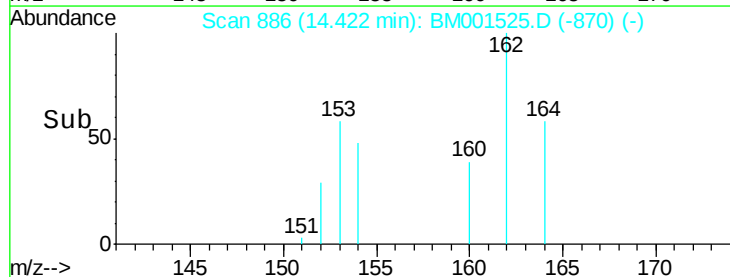
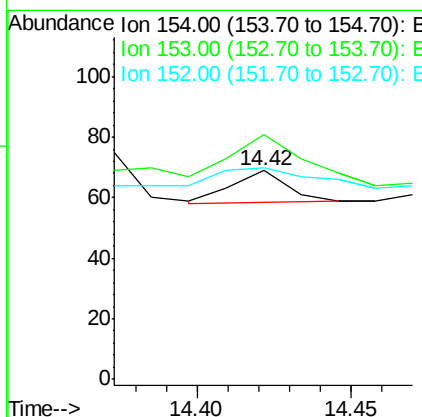
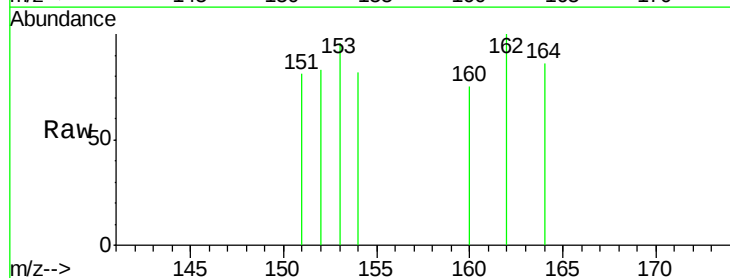
Instrument :
BNA_M
ClientSampleId :
T-550

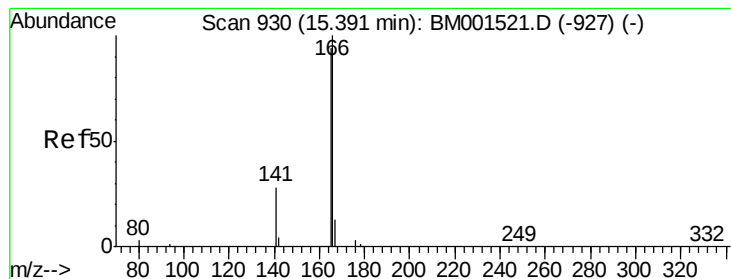
Tgt Ion:152 Resp: 24
Ion Ratio Lower Upper
152 100
151 62.5 15.1 22.7#
153 33.3 10.2 15.4#



#16
Acenaphthene
Concen: 0.00 ng
RT: 14.42 min Scan# 886
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Tgt Ion:154 Resp: 13
Ion Ratio Lower Upper
154 100
153 500.0 91.4 137.2#
152 184.6 44.0 66.0#





#17

Fluorene

Concen: 0.01 ng

RT: 15.39 min Scan# 930

Delta R.T. -0.01 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

Instrument :

BNA_M

ClientSampled :

T-550

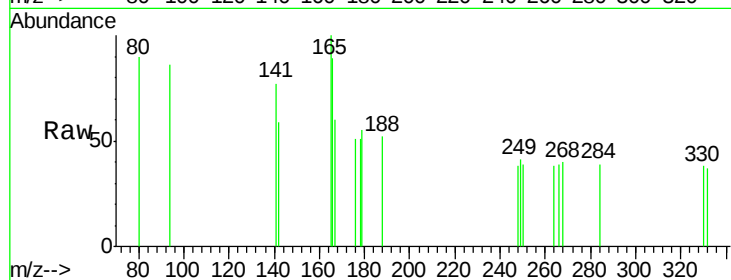
Tgt Ion:166 Resp: 104

Ion Ratio Lower Upper

166 100

165 166.3 72.6 108.8#

167 45.2 10.9 16.3#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

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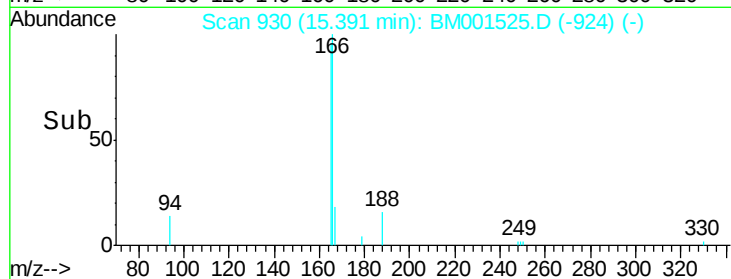
15.39

15.39

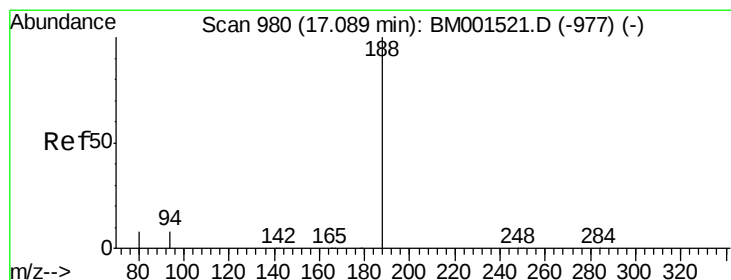
15.39

15.39

15.39



Time-->



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.09 min Scan# 980

Delta R.T. -0.01 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

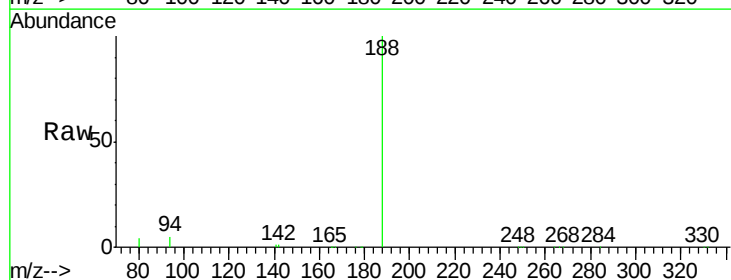
Tgt Ion:188 Resp: 55781

Ion Ratio Lower Upper

188 100

94 4.6 3.0 4.4#

80 4.3 2.5 3.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

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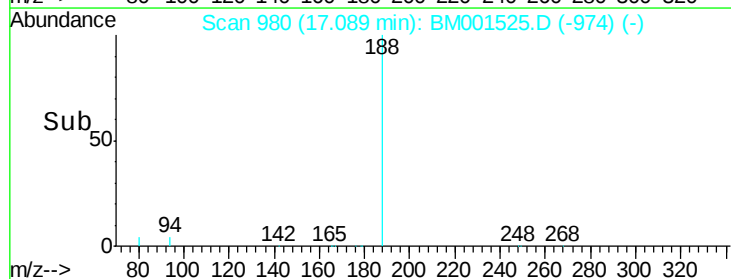
17.09

17.09

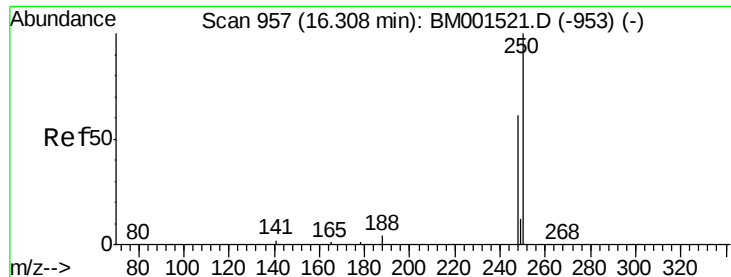
17.09

17.09

17.09



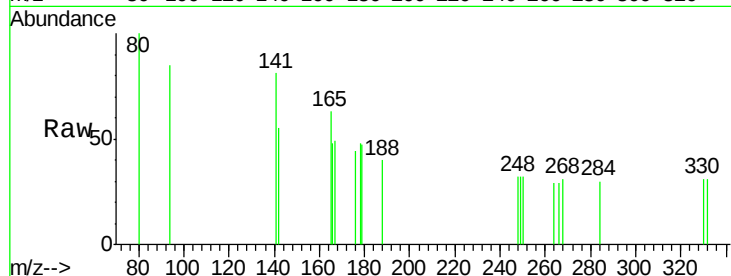
Time-->



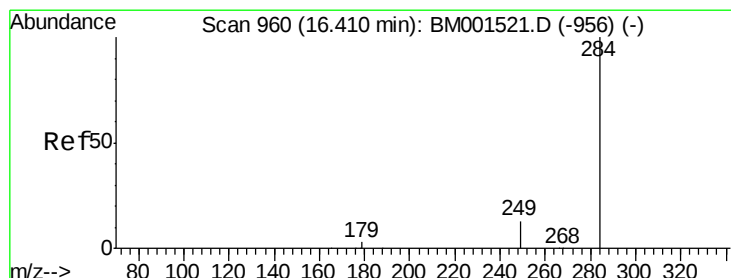
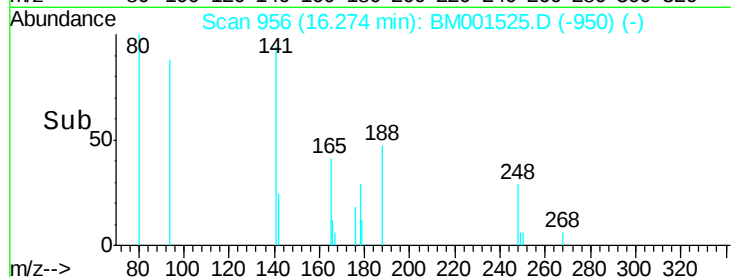
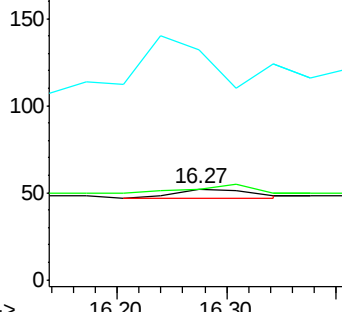
#19
4-Bromophenyl-phenylether
Concen: 0.03 ng
RT: 16.27 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Instrument :
BNA_M
ClientSampleId :
T-550

Tgt Ion: 248 Resp: 22
Ion Ratio Lower Upper
248 100
250 0.0 76.8 115.2#
141 0.0 57.7 86.5#

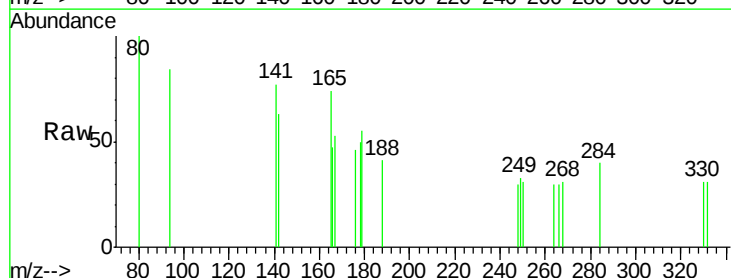


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

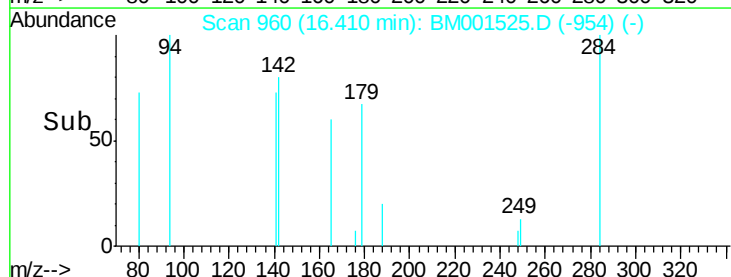
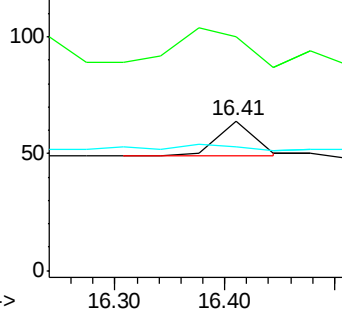


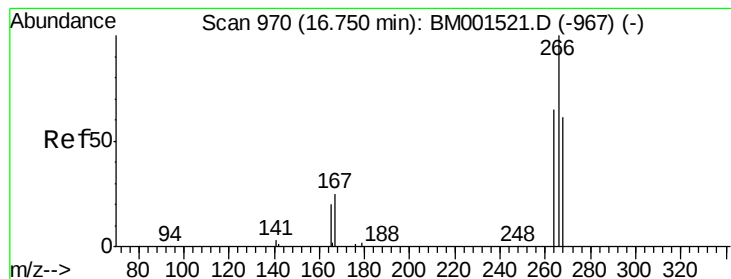
#20
Hexachlorobenzene
Concen: 0.02 ng
RT: 16.41 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Tgt Ion: 284 Resp: 35
Ion Ratio Lower Upper
284 100
142 0.0 13.9 20.9#
249 0.0 39.0 58.4#



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





#21

Pentachlorophenol

Concen: 0.28 ng

RT: 16.75 min Scan# 970

Delta R.T. -0.01 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

Instrument :

BNA_M

ClientSampled :

T-550

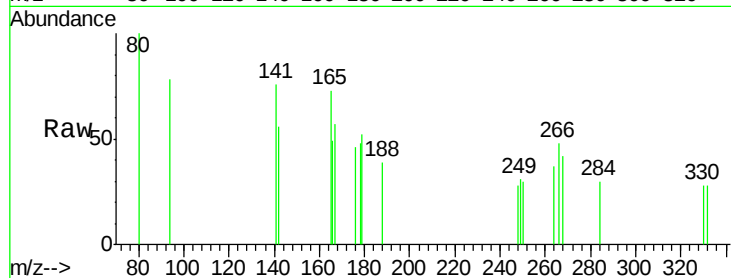
Tgt Ion:266 Resp: 82

Ion Ratio Lower Upper

266 100

268 87.7 63.0 94.4

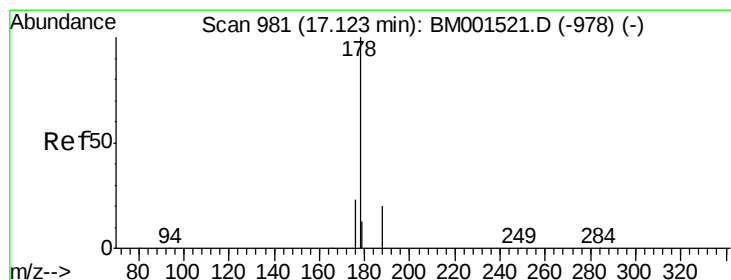
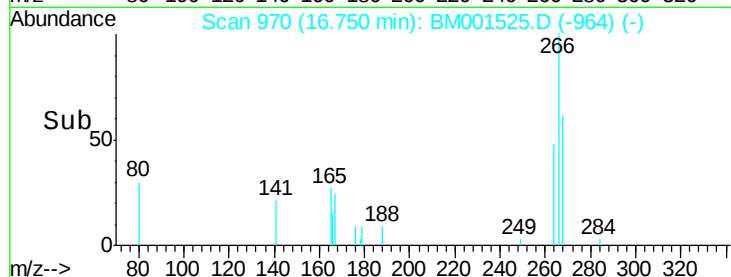
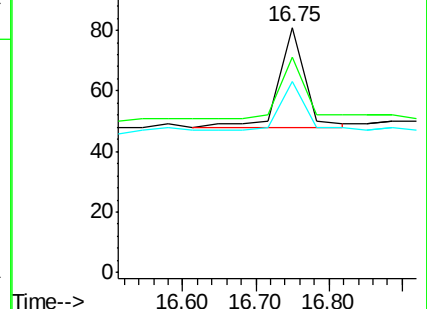
264 77.8 52.8 79.2



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



#22

Phenanthrene

Concen: 0.04 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.01 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

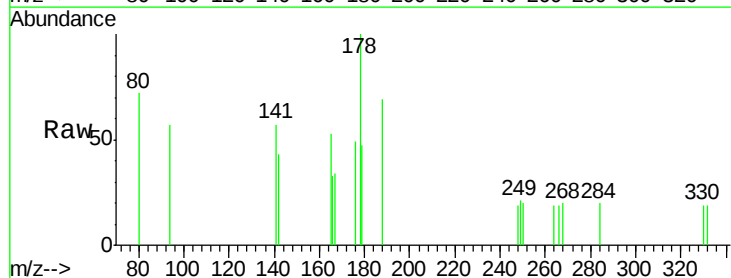
Tgt Ion:178 Resp: 408

Ion Ratio Lower Upper

178 100

176 20.6 16.8 25.2

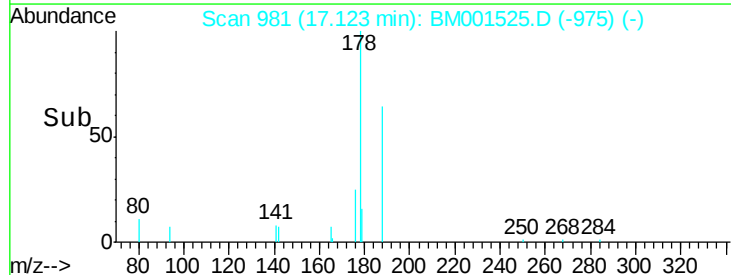
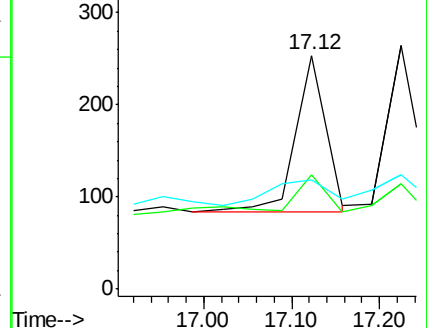
179 33.1 11.0 16.4#

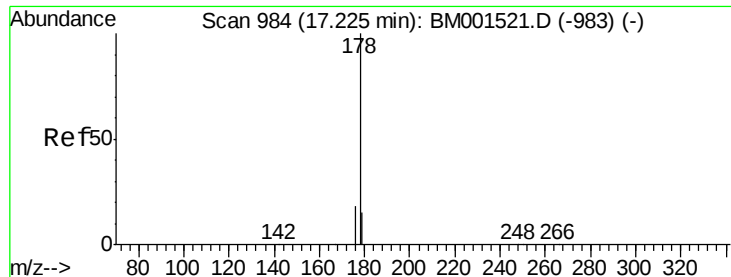


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.03 ng

RT: 17.23 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

Instrument :

BNA_M

ClientSampleId :

T-550

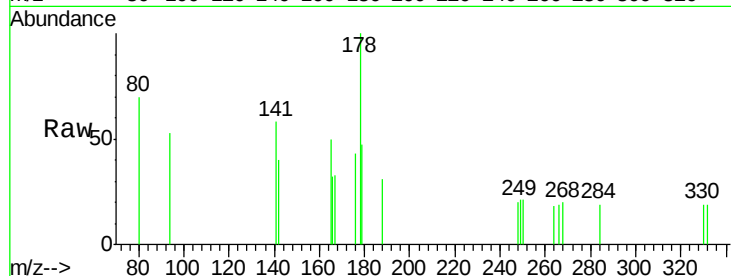
Tgt Ion:178 Resp: 355

Ion Ratio Lower Upper

178 100

176 18.9 13.1 19.7

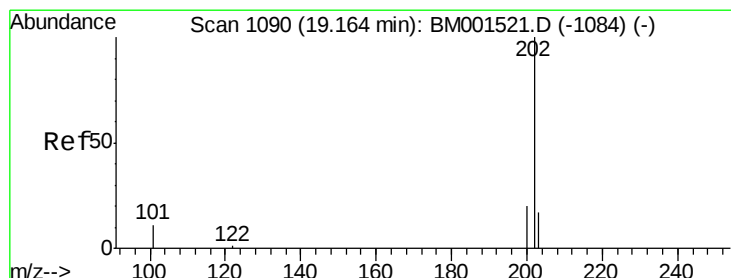
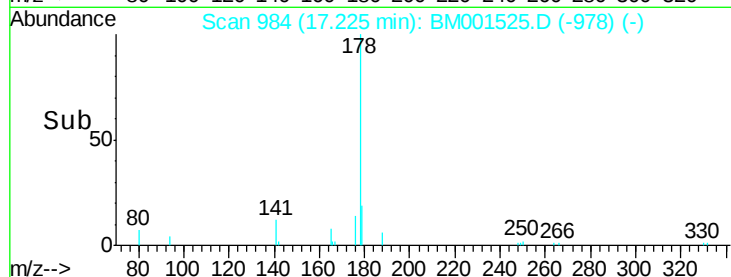
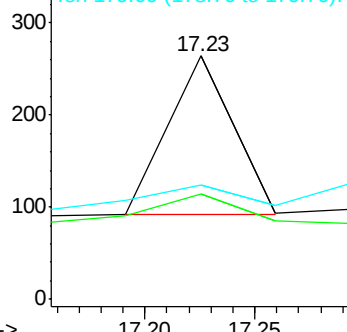
179 23.1 12.8 19.2#



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



#24

Fluoranthene

Concen: 0.05 ng

RT: 19.16 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

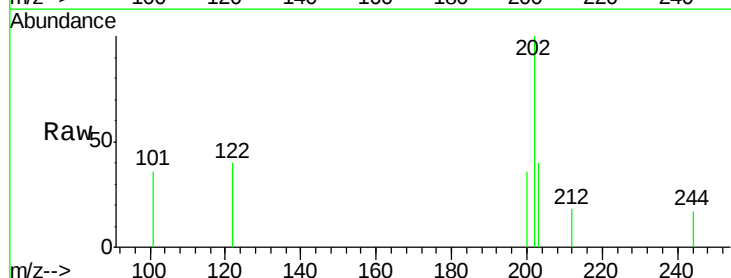
Tgt Ion:202 Resp: 466

Ion Ratio Lower Upper

202 100

101 27.9 8.6 12.8#

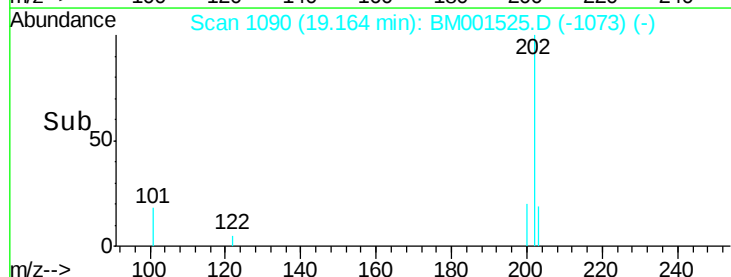
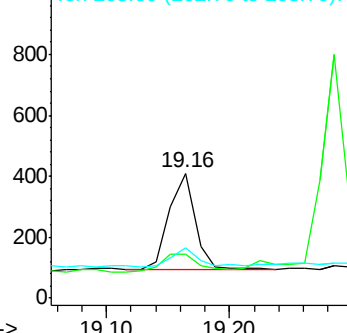
203 23.4 13.8 20.6#

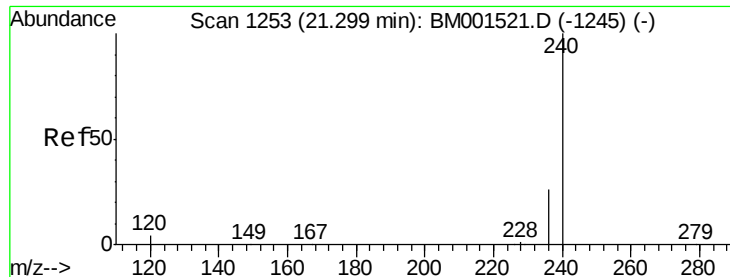


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

Instrument :

BNA_M

ClientSampleId :

T-550

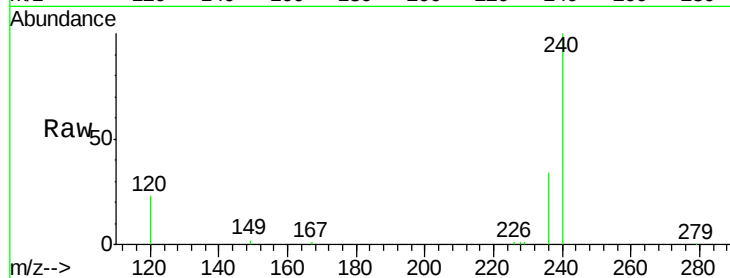
Tgt Ion:240 Resp: 31593

Ion Ratio Lower Upper

240 100

120 23.5 9.7 14.5#

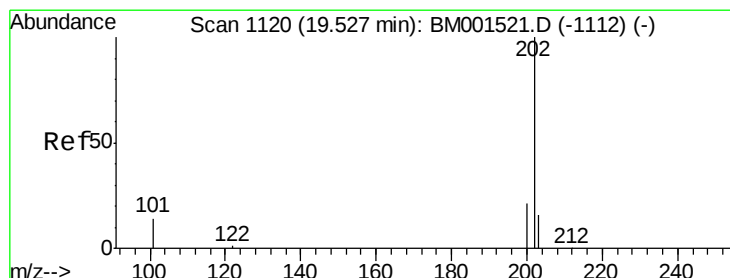
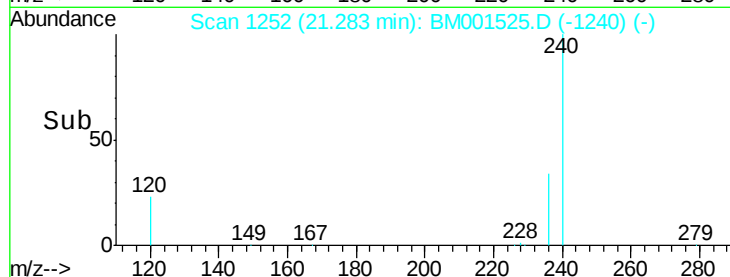
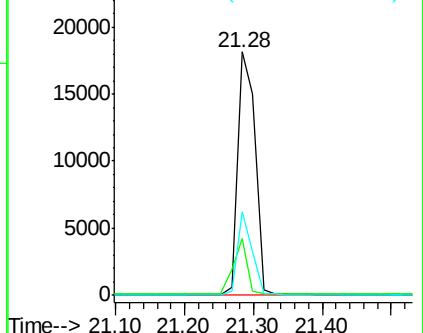
236 34.2 24.8 37.2



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



#26

Pyrene

Concen: 0.05 ng

RT: 19.53 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

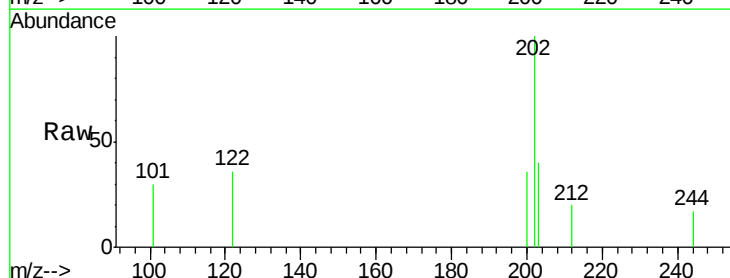
Tgt Ion:202 Resp: 461

Ion Ratio Lower Upper

202 100

200 21.3 16.4 24.6

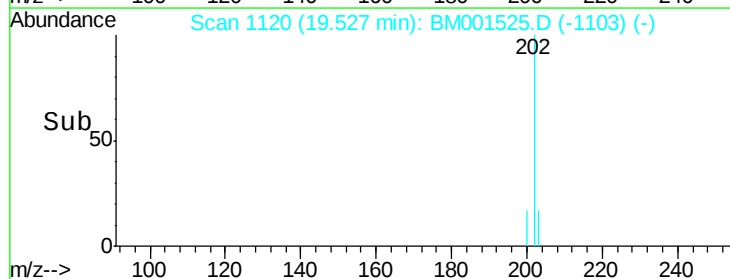
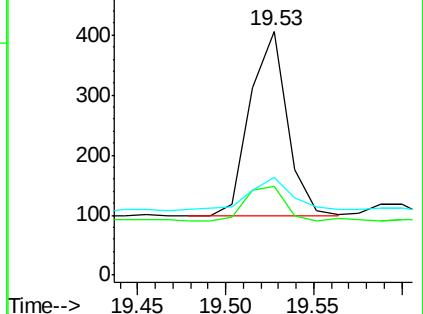
203 20.0 13.9 20.9

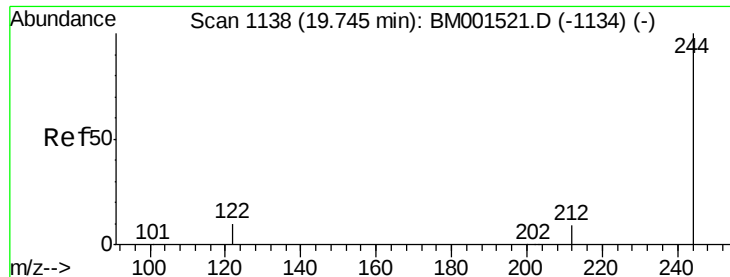


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

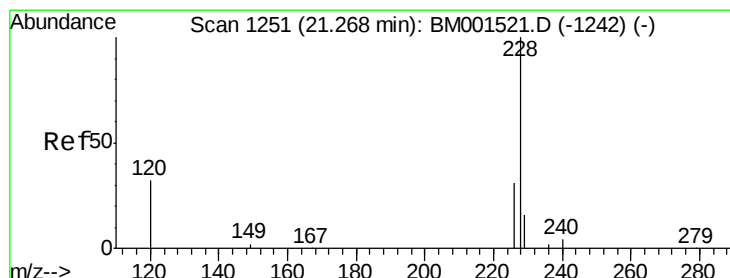
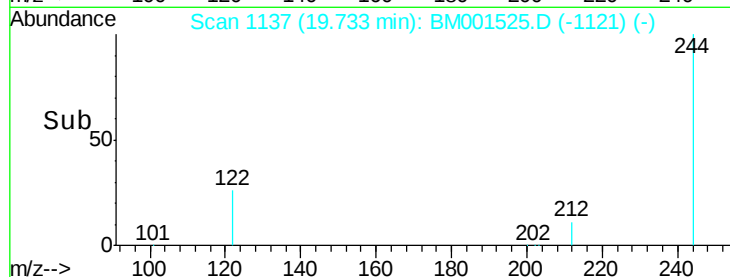
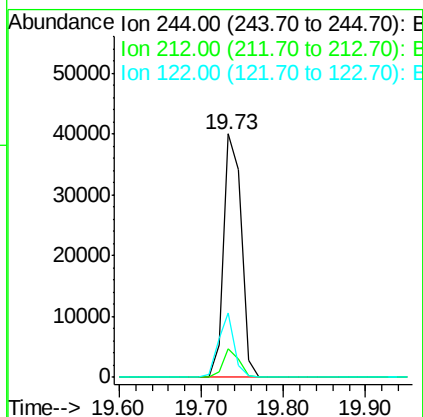
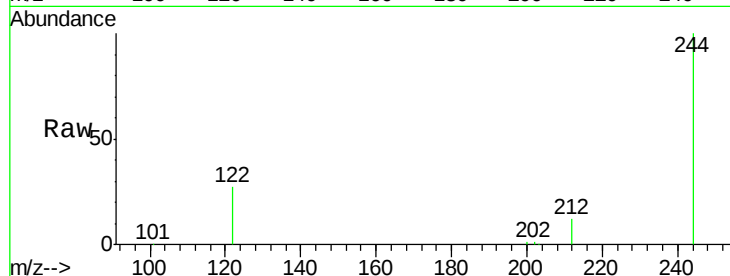




#27
 Terphenyl-d14
 Concen: 15.35 ng
 RT: 19.73 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BM001525.D
 Acq: 02 Jun 2015 22:26

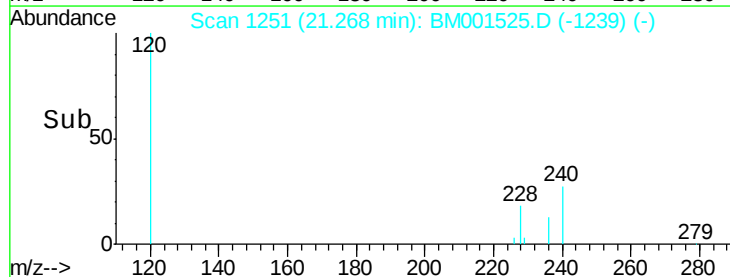
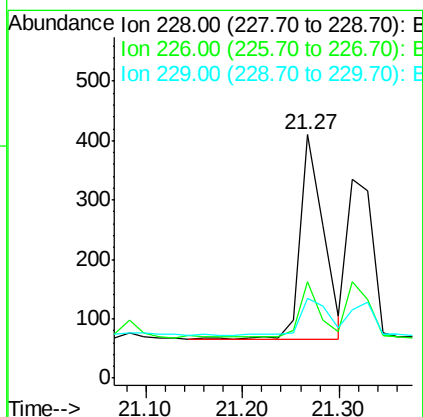
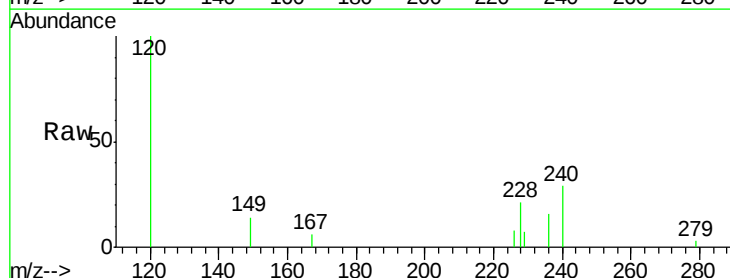
Instrument :
 BNA_M
 ClientSampleId :
 T-550

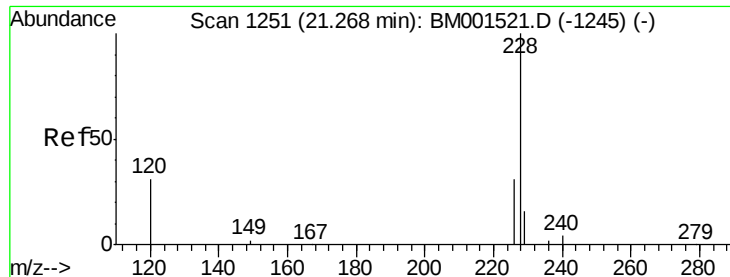
Tgt Ion:244 Resp: 59779
 Ion Ratio Lower Upper
 244 100
 212 11.6 7.2 10.8#
 122 26.7 5.1 7.7#



#28
 Benzo(a)anthracene
 Concen: 0.07 ng
 RT: 21.27 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BM001525.D
 Acq: 02 Jun 2015 22:26

Tgt Ion:228 Resp: 571
 Ion Ratio Lower Upper
 228 100
 226 39.5 21.9 32.9#
 229 32.9 15.1 22.7#





#29

Chrysene

Concen: 0.06 ng

RT: 21.31 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

Instrument :

BNA_M

ClientSampled :

T-550

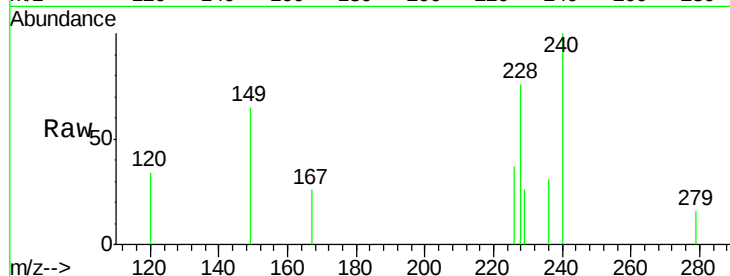
Tgt Ion:228 Resp: 500

Ion Ratio Lower Upper

228 100

226 48.4 27.6 41.4#

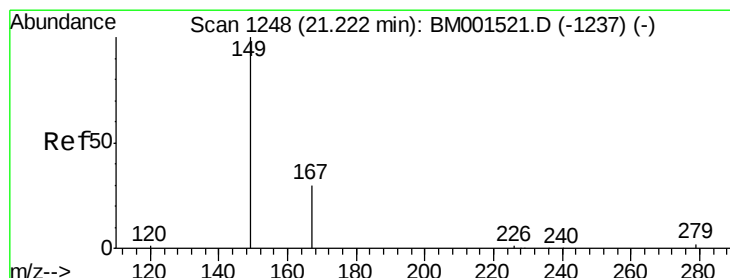
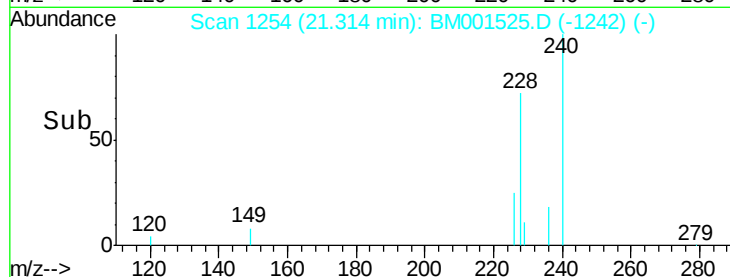
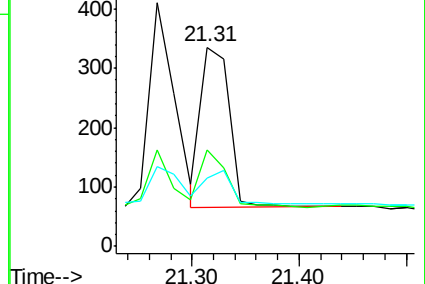
229 34.6 13.6 20.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.87 ng

RT: 21.21 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

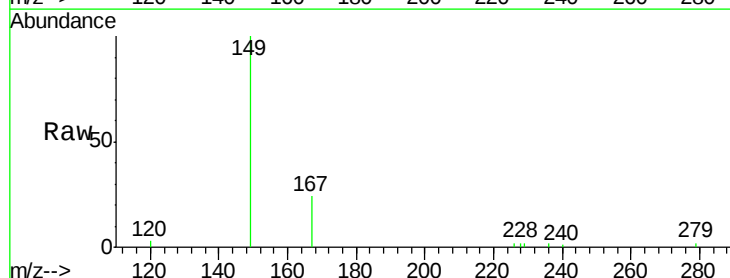
Tgt Ion:149 Resp: 5240

Ion Ratio Lower Upper

149 100

167 24.4 21.0 31.6

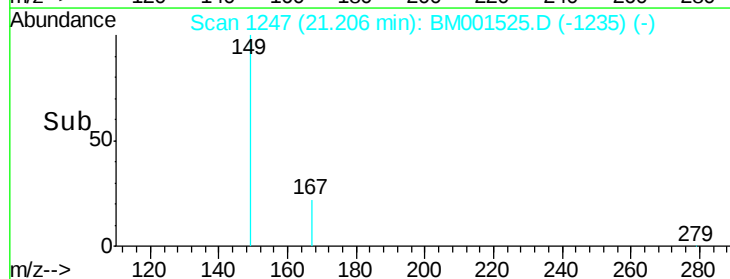
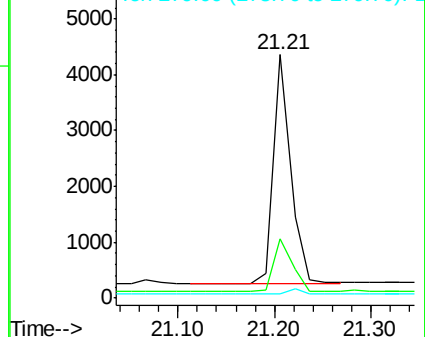
279 2.2 2.2 3.2

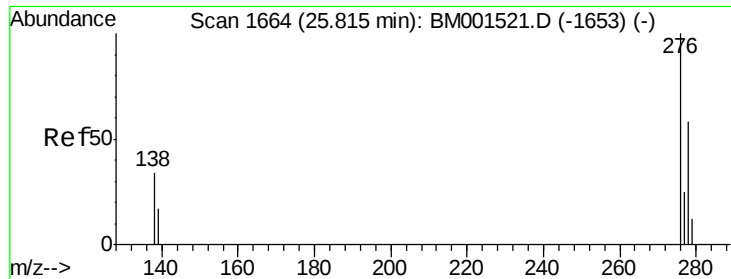


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.05 ng

RT: 25.80 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

Instrument :

BNA_M

ClientSampleId :

T-550

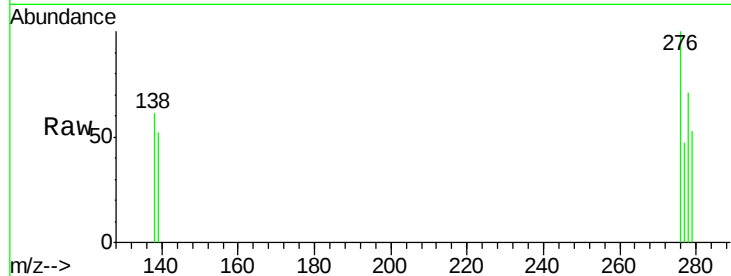
Tgt Ion:276 Resp: 453

Ion Ratio Lower Upper

276 100

138 44.6 23.4 35.0#

277 25.4 19.5 29.3

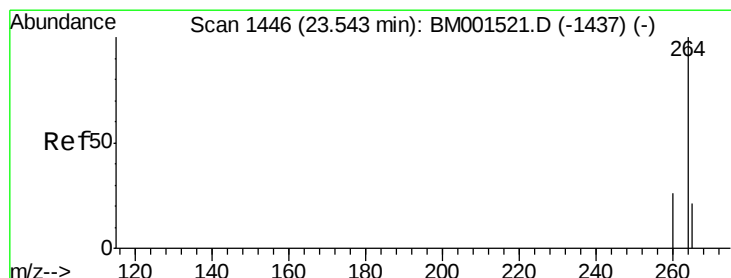
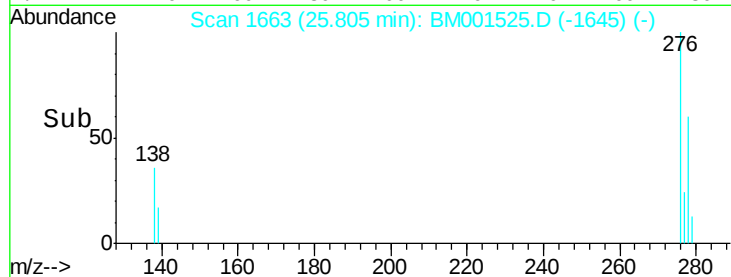
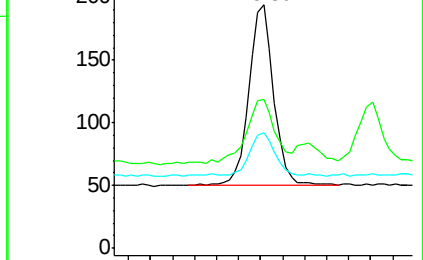


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

25.80



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.53 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

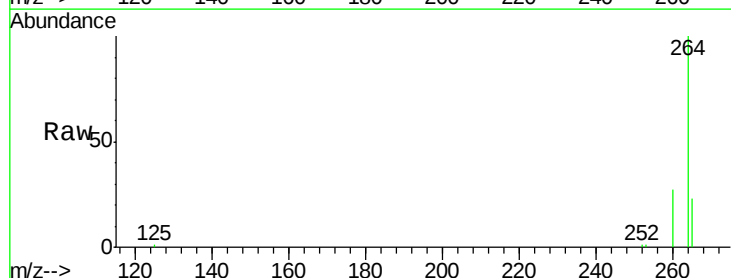
Tgt Ion:264 Resp: 31146

Ion Ratio Lower Upper

264 100

260 27.0 20.1 30.1

265 23.0 17.1 25.7

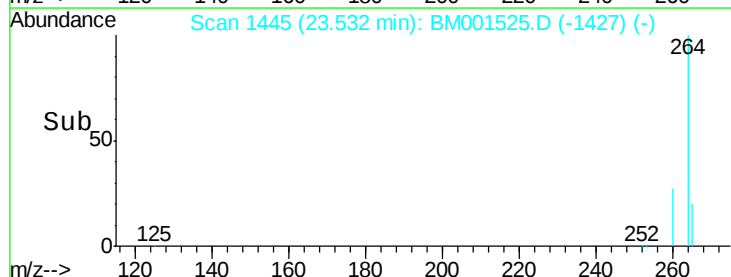
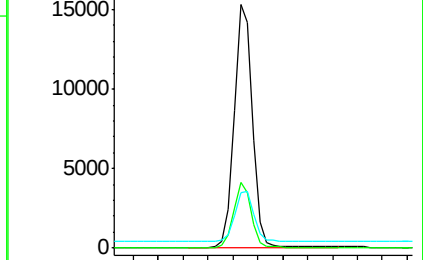


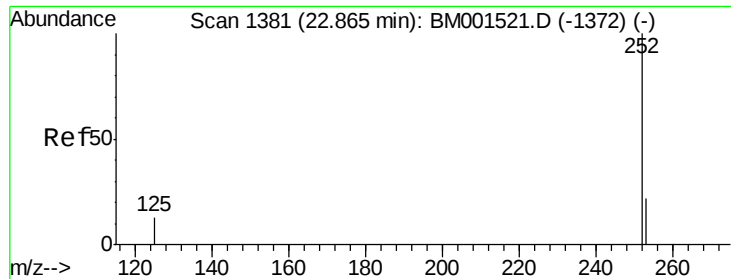
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

23.53





#33

Benzo(b)fluoranthene

Concen: 0.06 ng

RT: 22.85 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

Instrument :

BNA_M

ClientSampleId :

T-550

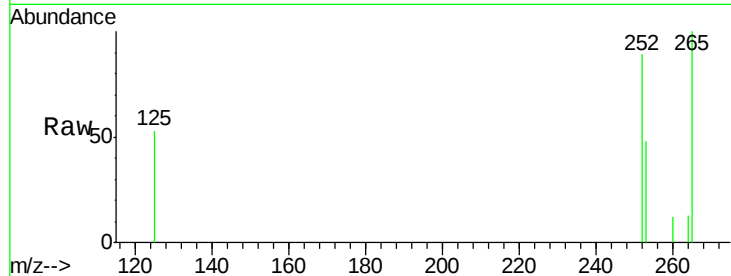
Tgt Ion:252 Resp: 512

Ion Ratio Lower Upper

252 100

253 53.9 17.4 26.0#

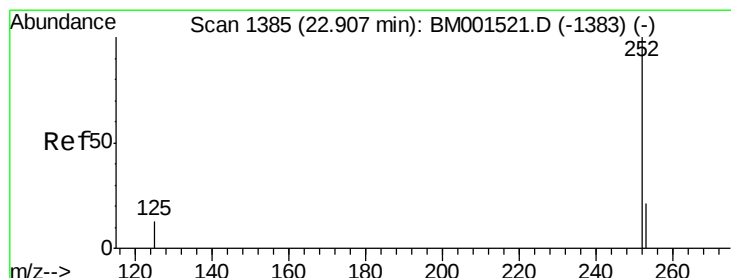
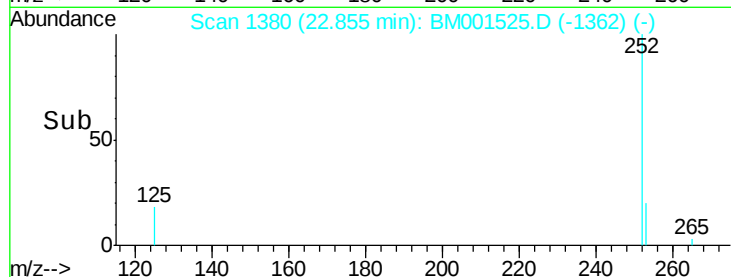
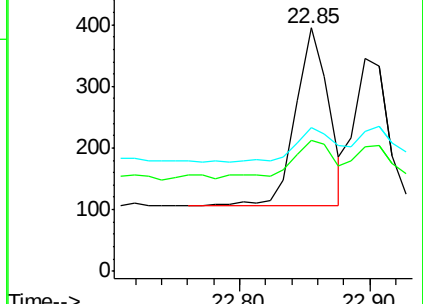
125 59.0 10.2 15.4#



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

Benzo(k)fluoranthene

Concen: 0.06 ng

RT: 22.90 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

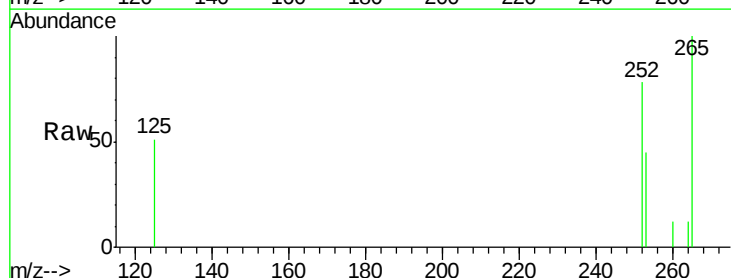
Tgt Ion:252 Resp: 437

Ion Ratio Lower Upper

252 100

253 58.1 17.6 26.4#

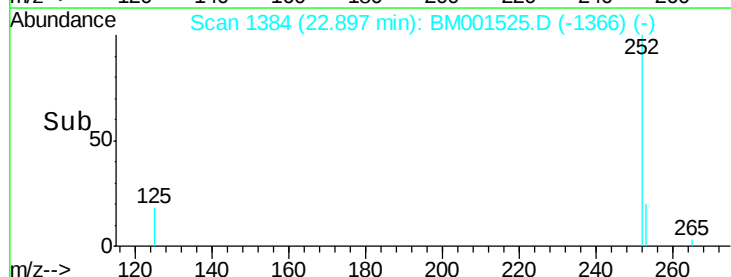
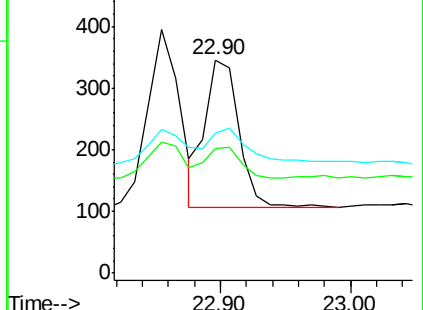
125 65.6 9.7 14.5#

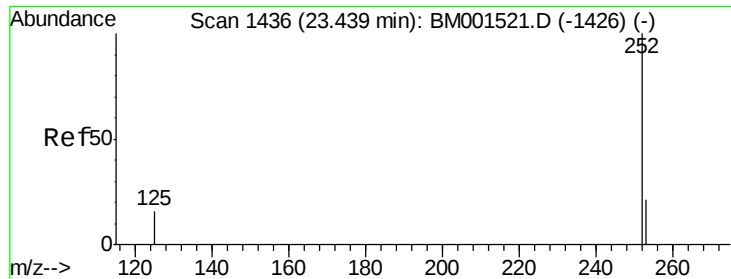


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.04 ng

RT: 23.44 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

Instrument :

BNA_M

ClientSampleId :

T-550

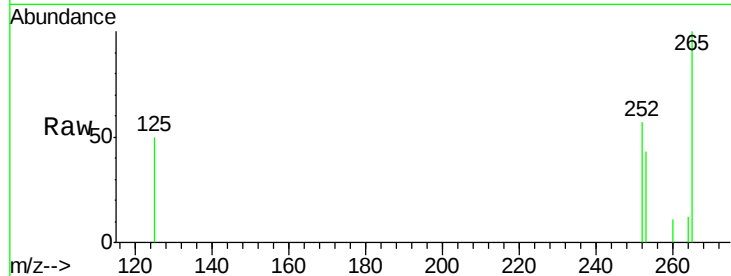
Tgt Ion: 252 Resp: 310

Ion Ratio Lower Upper

252 100

253 75.2 18.6 28.0#

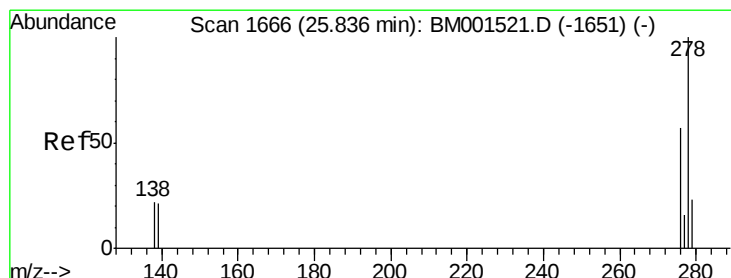
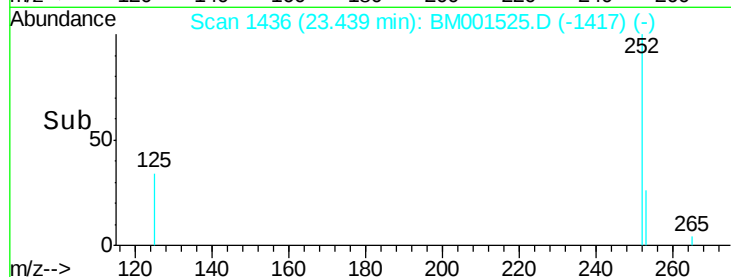
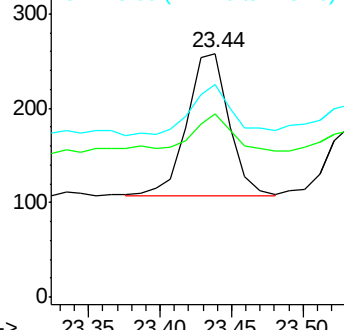
125 87.2 10.7 16.1#



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



#36

Dibenzo(a,h)anthracene

Concen: 0.05 ng

RT: 25.83 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

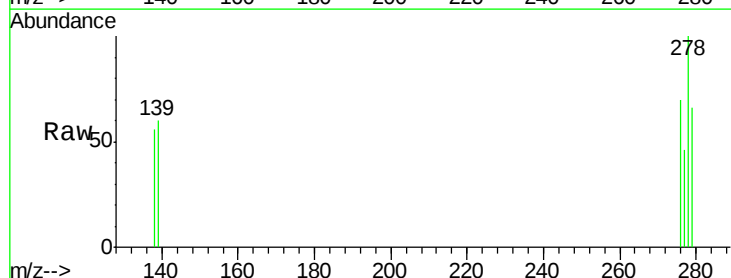
Tgt Ion: 278 Resp: 352

Ion Ratio Lower Upper

278 100

139 60.2 15.7 23.5#

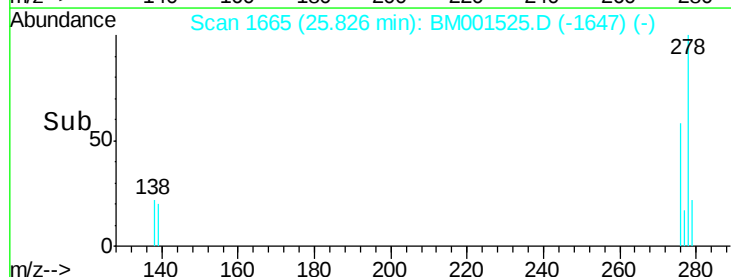
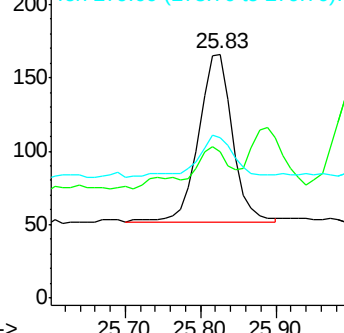
279 65.7 19.4 29.2#

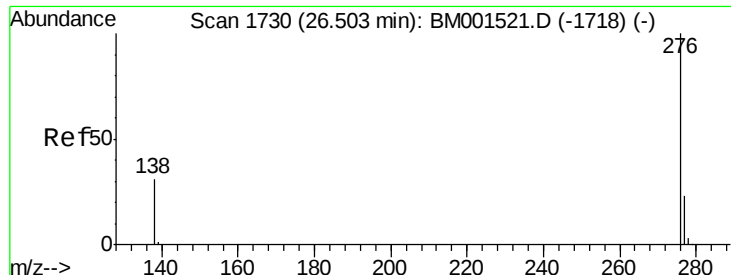


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 0.05 ng

RT: 26.49 min Scan# 1729

Delta R.T. -0.01 min

Lab File: BM001525.D

Acq: 02 Jun 2015 22:26

Instrument :

BNA_M

ClientSampleId :

T-550

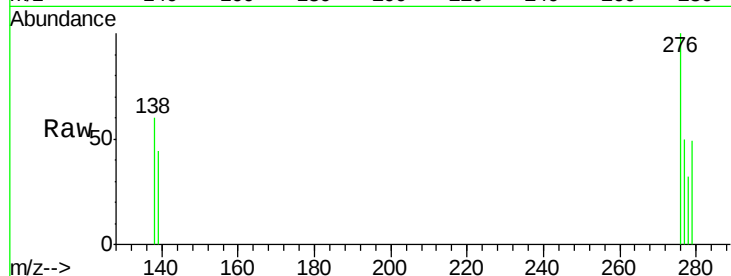
Tgt Ion: 276 Resp: 397

Ion Ratio Lower Upper

276 100

277 50.0 19.8 29.6#

138 59.9 20.2 30.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

