

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060215\
 Data File : BM001529.D
 Acq On : 03 Jun 2015 00:49
 Operator : TP/IZ
 Sample : PB83718BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83718BSD

Quant Time: Jun 03 03:19:25 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	15960	5.00	ng	0.00
6) Naphthalene-d8	10.49	136	55085	5.00	ng	0.00
12) Acenaphthene-d10	14.36	164	25885	5.00	ng	-0.01
18) Phenanthrene-d10	17.10	188	67872	5.00	ng	0.00
25) Chrysene-d12	21.30	240	42652	5.00	ng	0.00
32) Perylene-d12	23.54	264	38326	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.28	112	48615	13.93	ng	-0.02
5) Phenol-d6	6.86	99	62274	14.44	ng	0.00
7) Nitrobenzene-d5	8.87	82	35998	10.50	ng	0.00
13) 2,4,6-Tribromophenol	15.84	330	15794	32.72	ng	0.00
14) 2-Fluorobiphenyl	12.98	172	76667	9.86	ng	-0.01
27) Terphenyl-d14	19.74	244	51756	9.84	ng	0.00

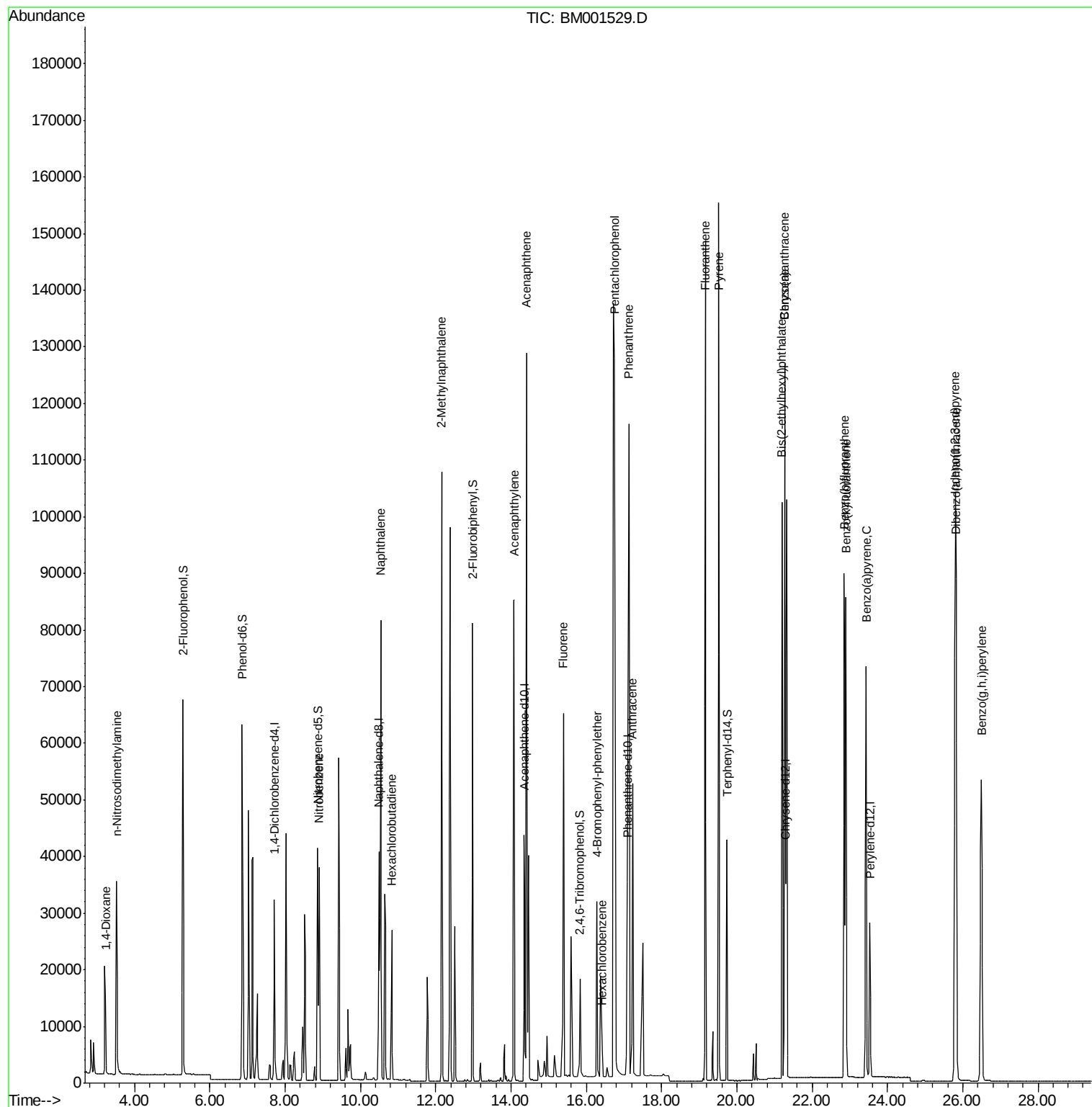
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.23	88	13460	9.75	ng	98
3) n-Nitrosodimethylamine	3.52	42	22754	10.04	ng	93
8) Nitrobenzene	8.91	77	40710	11.18	ng	98
9) Naphthalene	10.54	128	108684	9.35	ng	97
10) Hexachlorobutadiene	10.83	225	19487	9.61	ng	100
11) 2-Methylnaphthalene	12.16	142	72210	9.90	ng	97
15) Acenaphthylene	14.08	152	114681	10.37	ng	100
16) Acenaphthene	14.42	154	64977	9.40	ng	99
17) Fluorene	15.40	166	61641	5.35	ng	93
19) 4-Bromophenyl-phenylether	16.28	248	20266	21.44	ng	# 58
20) Hexachlorobenzene	16.42	284	13087	5.15	ng	# 37
21) Pentachlorophenol	16.76	266	122563	81.84	ng	# 89
22) Phenanthrene	17.13	178	175883	14.82	ng	95
23) Anthracene	17.23	178	79199	5.52	ng	94
24) Fluoranthene	19.16	202	129450	10.87	ng	98
26) Pyrene	19.52	202	138375	10.75	ng	99
28) Benzo(a)anthracene	21.27	228	118423	10.31	ng	97
29) Chrysene	21.27	228	118423	10.89	ng	93
30) Bis(2-ethylhexyl)phthalate	21.20	149	97633	12.04	ng	98
31) Indeno(1,2,3-cd)pyrene	25.80	276	123058	10.18	ng	# 93
33) Benzo(b)fluoranthene	22.85	252	112341	10.27	ng	97
34) Benzo(k)fluoranthene	22.90	252	110488	11.55	ng	98
35) Benzo(a)pyrene	23.44	252	106058	11.37	ng	98
36) Dibenzo(a,h)anthracene	25.82	278	100156	10.79	ng	98
37) Benzo(g,h,i)perylene	26.50	276	103142	10.62	ng	96

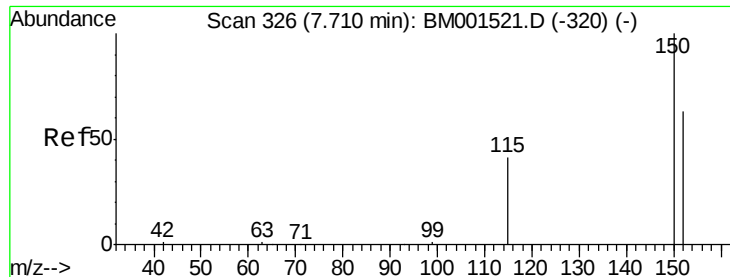
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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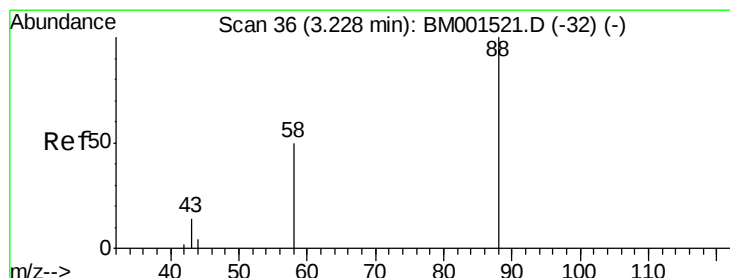
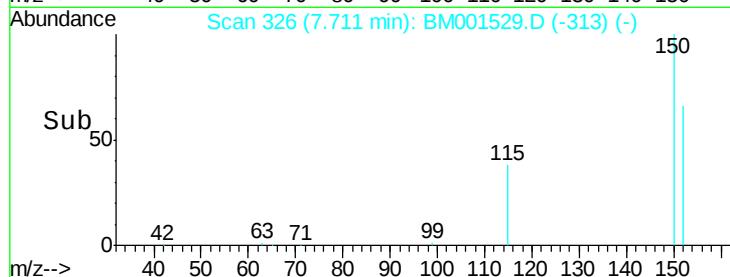
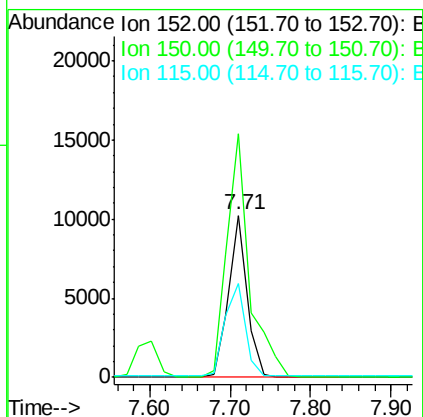
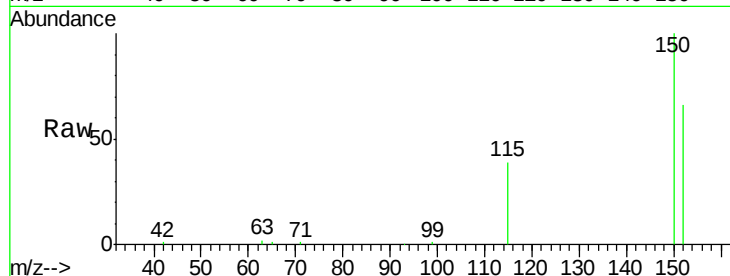




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.71 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: BM001529.D
 Acq: 03 Jun 2015 00:49

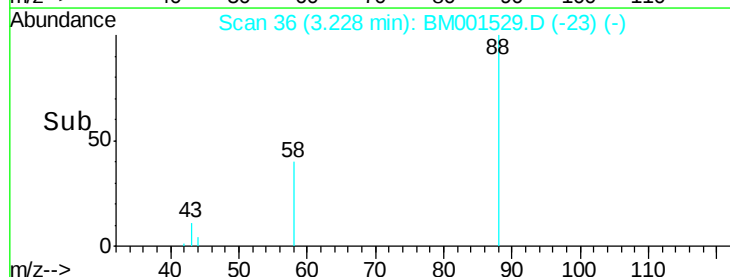
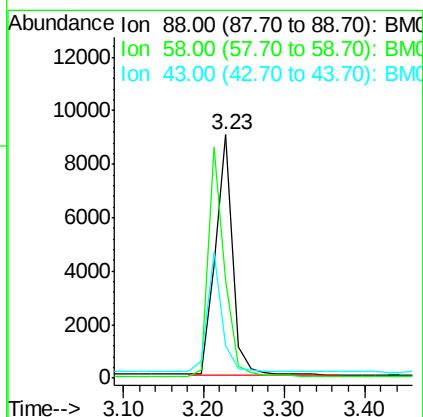
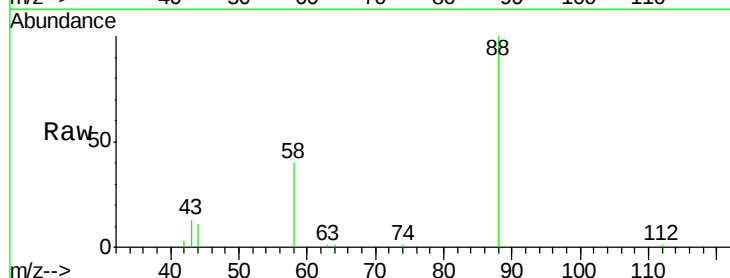
Instrument :
 BNA_M
 ClientSampleId :
 PB83718BSD

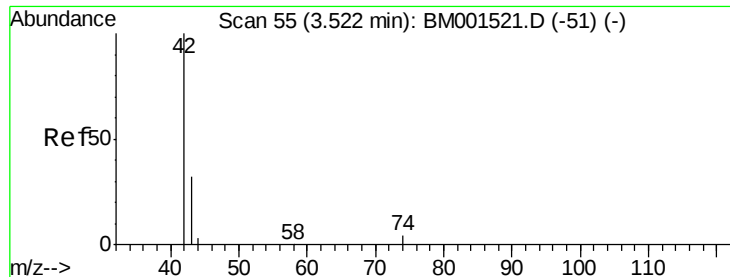
Tgt Ion:152 Resp: 15960
 Ion Ratio Lower Upper
 152 100
 150 150.5 119.0 178.6
 115 58.0 41.8 62.8



#2
 1,4-Dioxane
 Concen: 9.75 ng
 RT: 3.23 min Scan# 36
 Delta R.T. 0.00 min
 Lab File: BM001529.D
 Acq: 03 Jun 2015 00:49

Tgt Ion: 88 Resp: 13460
 Ion Ratio Lower Upper
 88 100
 58 89.7 71.3 106.9
 43 42.3 35.5 53.3





#3

n-Nitrosodimethylamine

Concen: 10.04 ng

RT: 3.52 min Scan# 55

Delta R.T. 0.00 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

Instrument :

BNA_M

ClientSampleId :

PB83718BSD

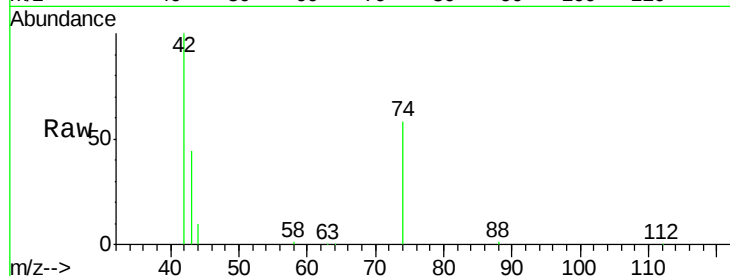
Tgt Ion: 42 Resp: 22754

Ion Ratio Lower Upper

42 100

74 97.5 72.2 108.2

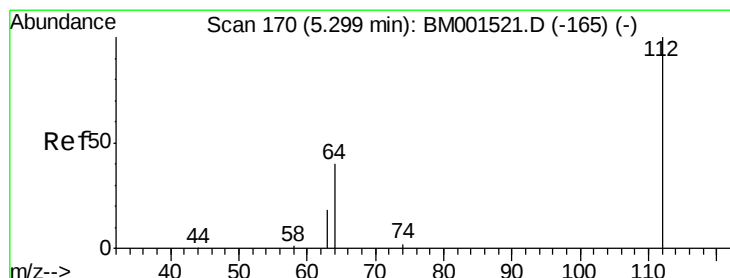
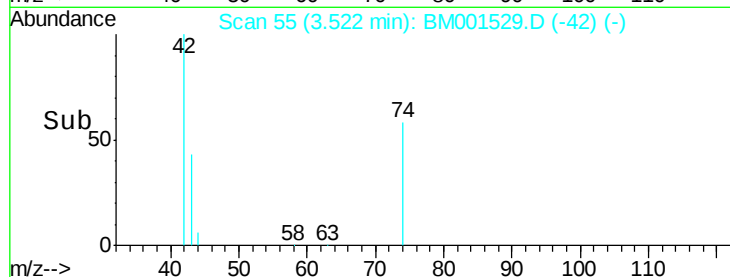
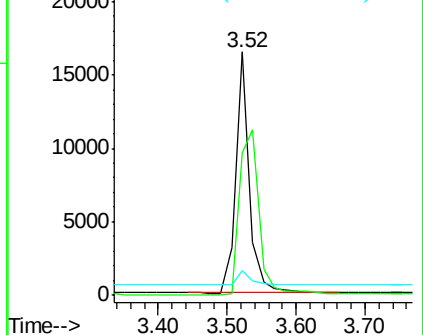
44 6.6 6.2 9.2



Abundance Ion 42.00 (41.70 to 42.70): BM001521.D (-51) (-)

Ion 74.00 (73.70 to 74.70): BM001521.D (-51) (-)

Ion 44.00 (43.70 to 44.70): BM001521.D (-51) (-)



#4

2-Fluorophenol

Concen: 13.93 ng

RT: 5.28 min Scan# 169

Delta R.T. -0.02 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

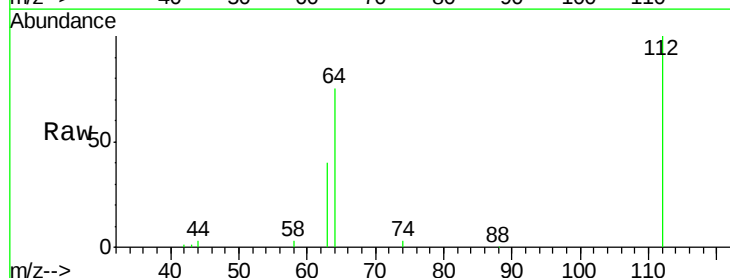
Tgt Ion: 112 Resp: 48615

Ion Ratio Lower Upper

112 100

64 66.5 51.7 77.5

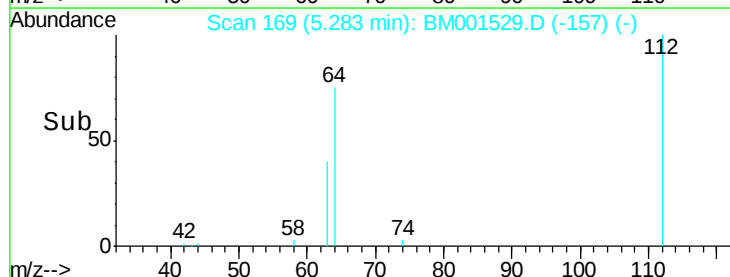
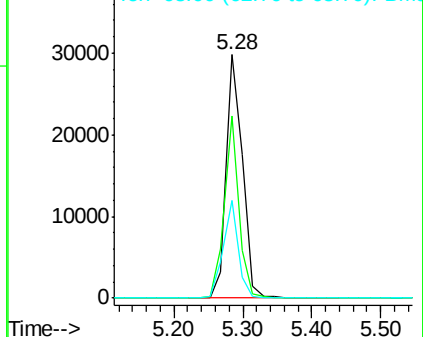
63 36.6 29.7 44.5

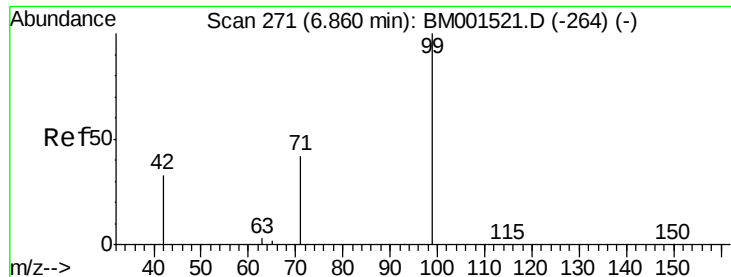


Abundance Ion 112.00 (111.70 to 112.70): BM001521.D (-165) (-)

Ion 64.00 (63.70 to 64.70): BM001521.D (-165) (-)

Ion 63.00 (62.70 to 63.70): BM001521.D (-165) (-)





#5

Phenol-d6

Concen: 14.44 ng

RT: 6.86 min Scan# 271

Delta R.T. 0.00 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

Instrument :

BNA_M

ClientSampleId :

PB83718BSD

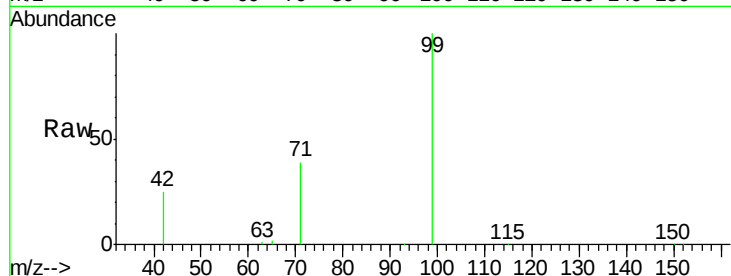
Tgt Ion: 99 Resp: 62274

Ion Ratio Lower Upper

99 100

42 25.9 21.8 32.6

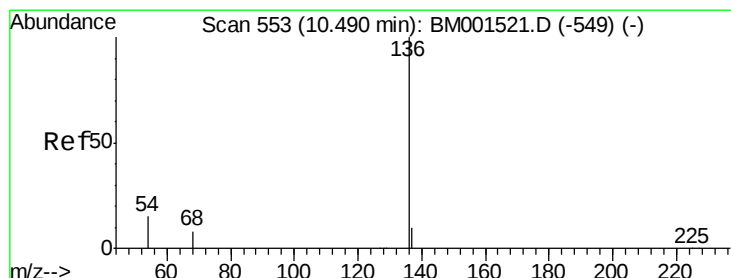
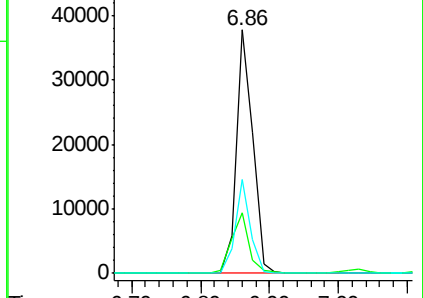
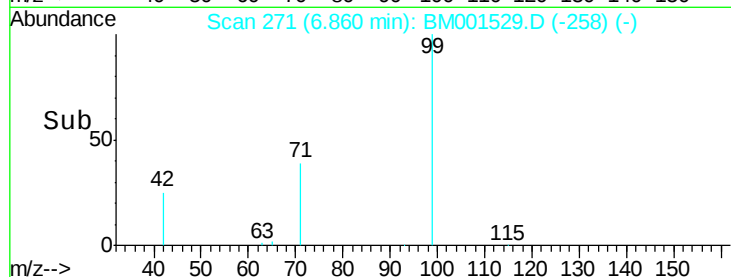
71 35.7 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BM001529.D (-258) (-)

Ion 42.00 (41.70 to 42.70): BM001529.D (-258) (-)

Ion 71.00 (70.70 to 71.70): BM001529.D (-258) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.49 min Scan# 553

Delta R.T. 0.00 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

Tgt Ion: 136 Resp: 55085

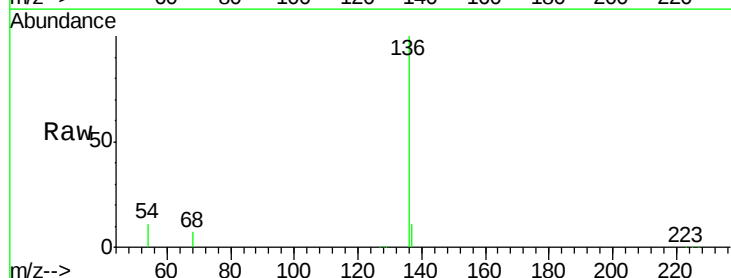
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 11.2 4.3 6.5#

68 6.6 2.6 4.0#

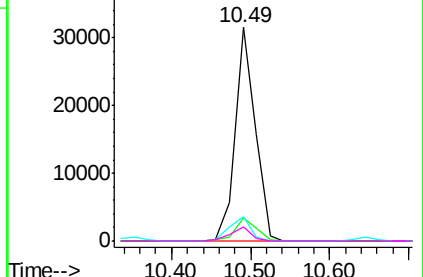
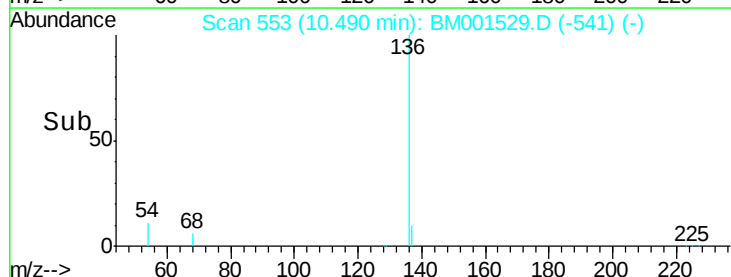


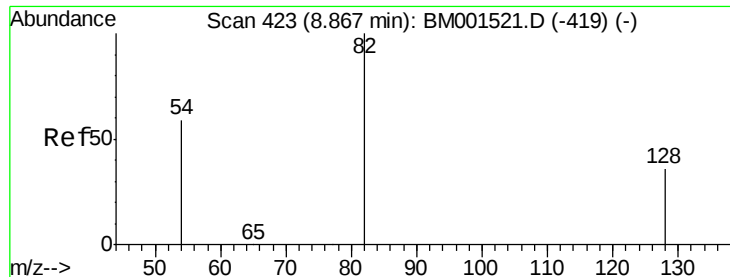
Abundance Ion 136.00 (135.70 to 136.70): BM001529.D (-541) (-)

Ion 137.00 (136.70 to 137.70): BM001529.D (-541) (-)

Ion 54.00 (53.70 to 54.70): BM001529.D (-541) (-)

Ion 68.00 (67.70 to 68.70): BM001529.D (-541) (-)





#7

Nitrobenzene-d5

Concen: 10.50 ng

RT: 8.87 min Scan# 423

Delta R.T. 0.00 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

Instrument :

BNA_M

ClientSampleId :

PB83718BSD

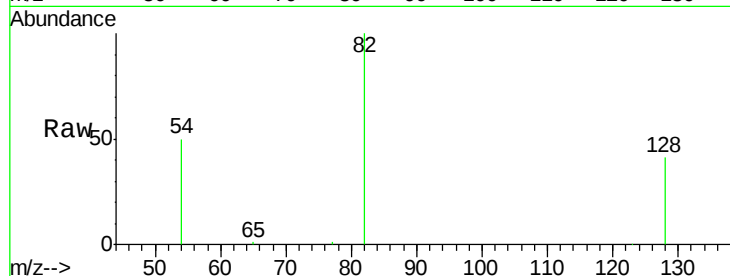
Tgt Ion: 82 Resp: 35998

Ion Ratio Lower Upper

82 100

128 40.5 30.2 45.4

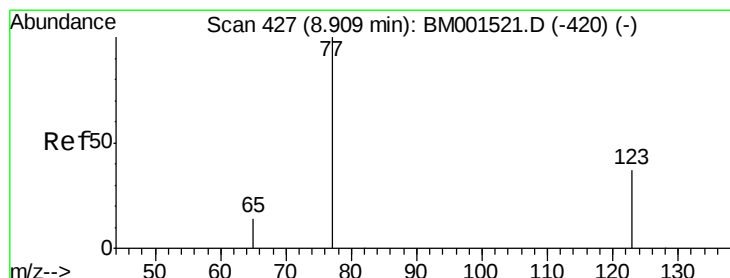
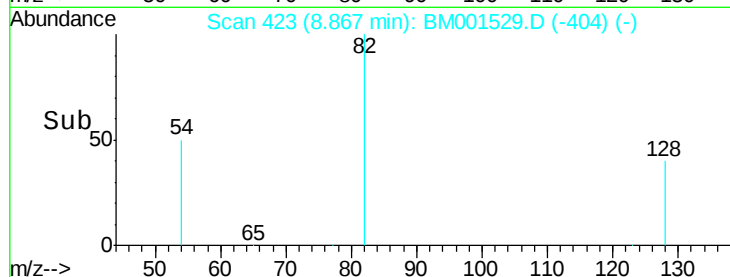
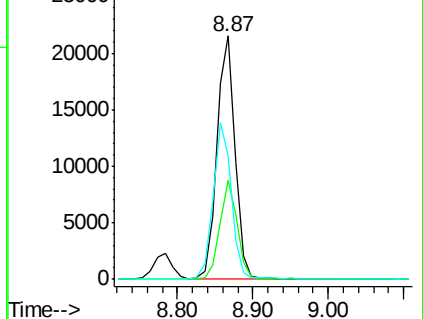
54 50.4 52.9 79.3#



Abundance Ion 82.00 (81.70 to 82.70): BM001521.D (-419) (-)

Ion 128.00 (127.70 to 128.70): BM001521.D (-419) (-)

Ion 54.00 (53.70 to 54.70): BM001521.D (-419) (-)



#8

Nitrobenzene

Concen: 11.18 ng

RT: 8.91 min Scan# 427

Delta R.T. 0.00 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

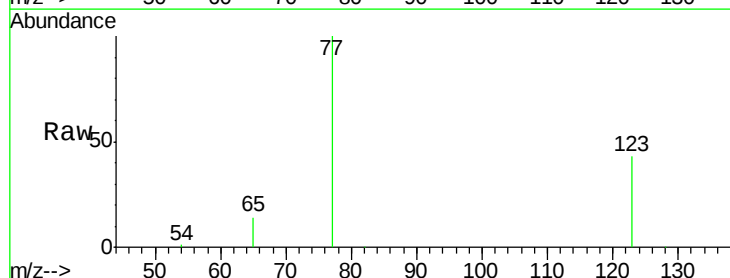
Tgt Ion: 77 Resp: 40710

Ion Ratio Lower Upper

77 100

123 40.9 33.7 50.5

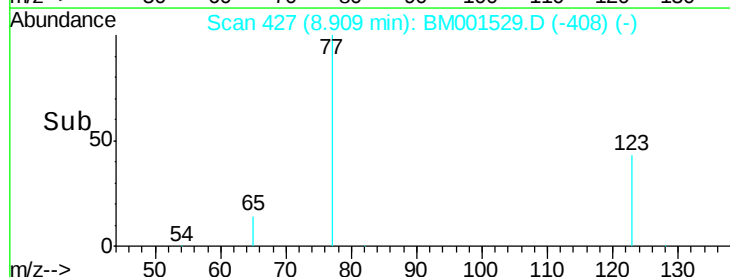
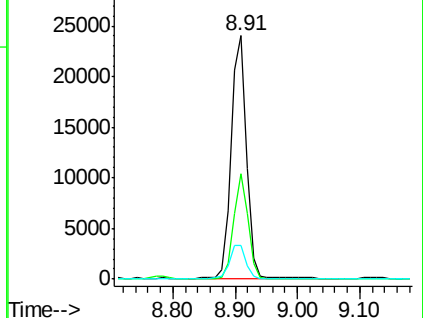
65 14.5 11.3 16.9

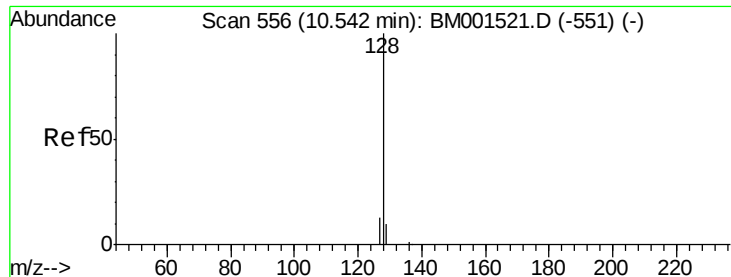


Abundance Ion 77.00 (76.70 to 77.70): BM001521.D (-420) (-)

Ion 123.00 (122.70 to 123.70): BM001521.D (-420) (-)

Ion 65.00 (64.70 to 65.70): BM001521.D (-420) (-)





#9

Naphthalene

Concen: 9.35 ng

RT: 10.54 min Scan# 556

Delta R.T. 0.00 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

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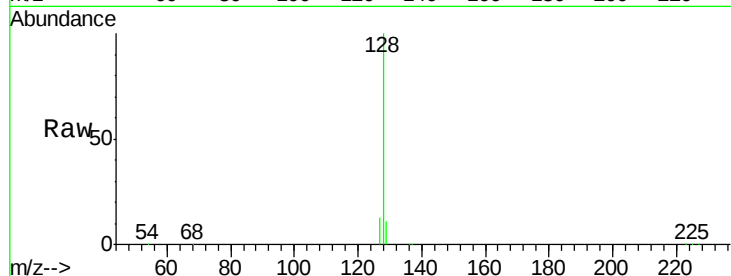
Tgt Ion:128 Resp: 108684

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

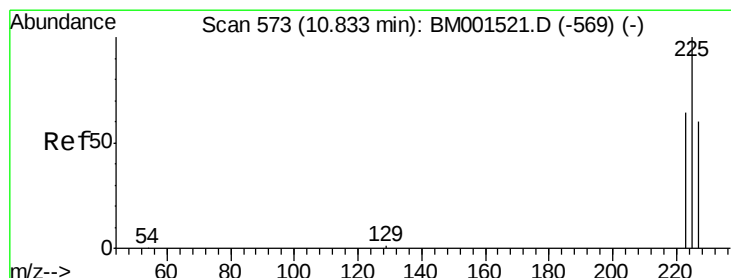
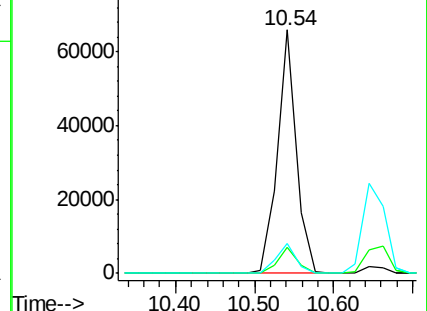
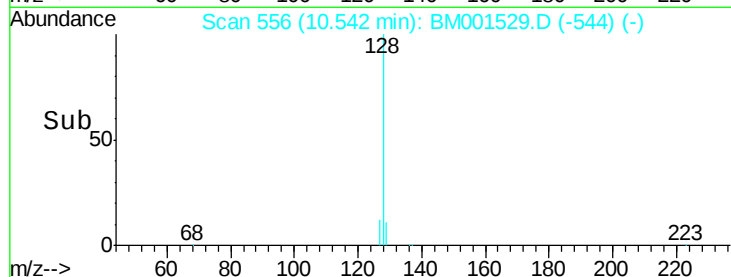
127 12.5 11.7 17.5



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: 9.61 ng

RT: 10.83 min Scan# 573

Delta R.T. 0.00 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

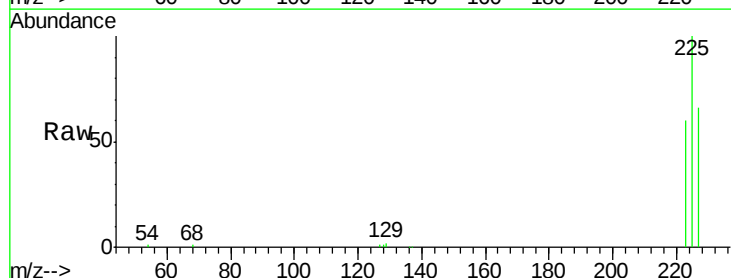
Tgt Ion:225 Resp: 19487

Ion Ratio Lower Upper

225 100

223 63.0 50.2 75.2

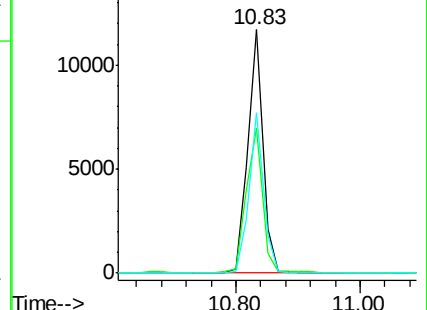
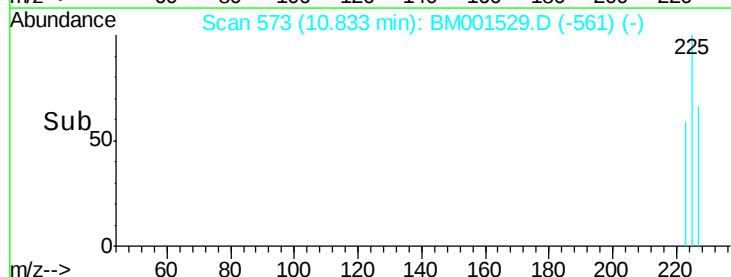
227 63.6 51.1 76.7

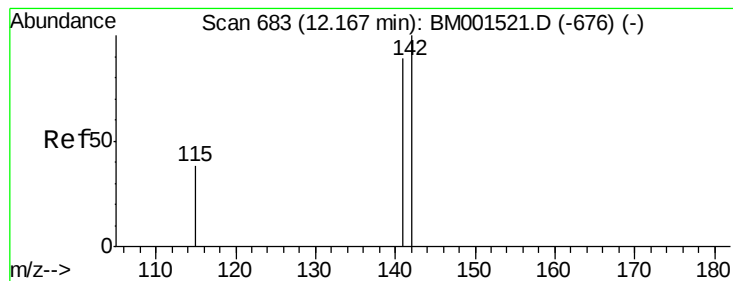


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 9.90 ng

RT: 12.16 min Scan# 682

Delta R.T. 0.00 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

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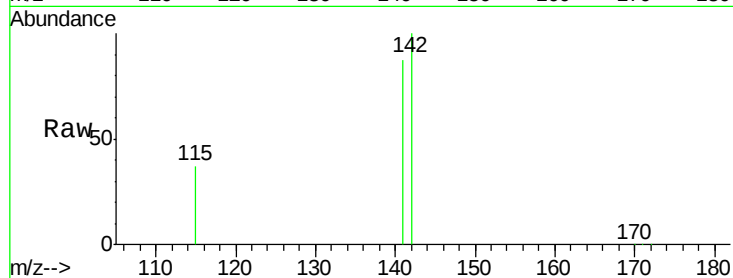
Tgt Ion:142 Resp: 72210

Ion Ratio Lower Upper

142 100

141 87.1 72.6 109.0

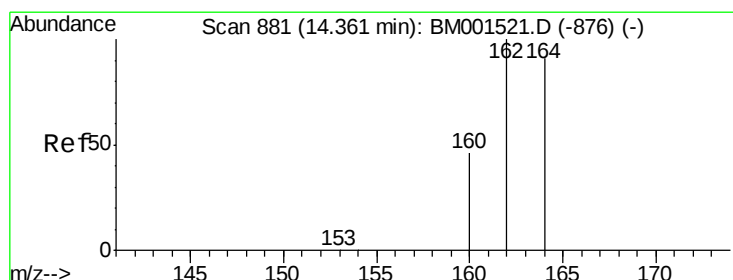
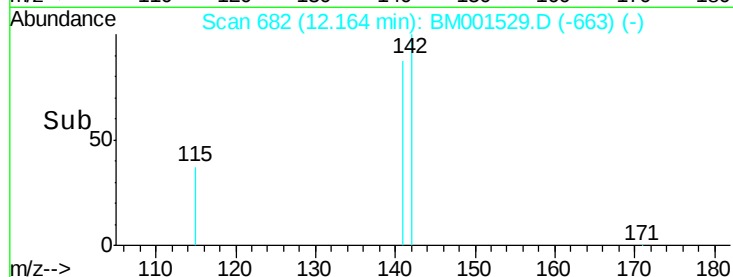
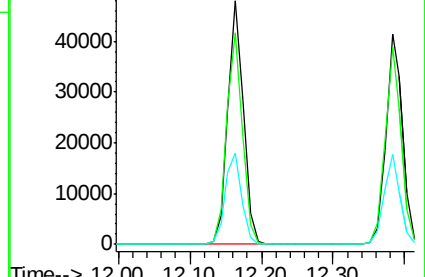
115 37.5 31.2 46.8



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# 880

Delta R.T. -0.01 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

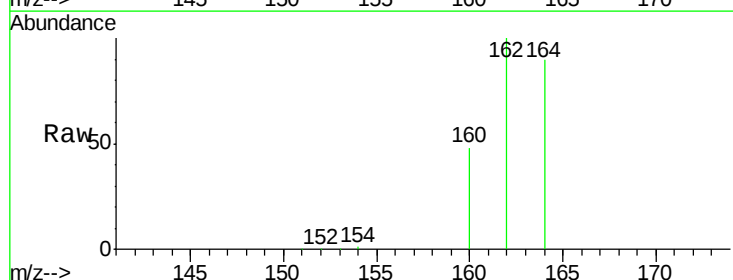
Tgt Ion:164 Resp: 25885

Ion Ratio Lower Upper

164 100

162 111.1 83.4 125.2

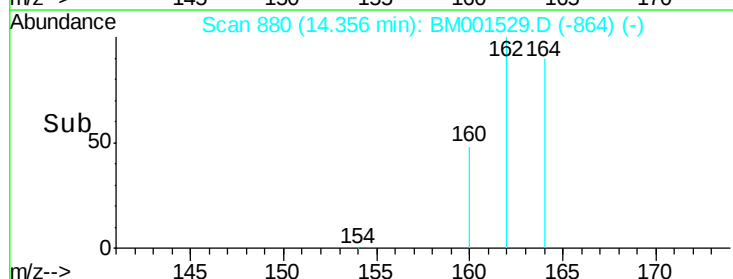
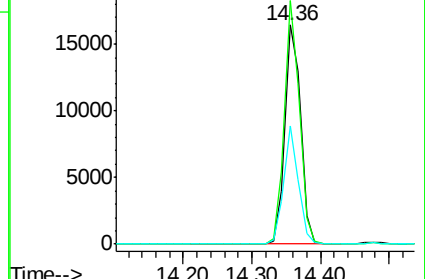
160 53.7 36.9 55.3

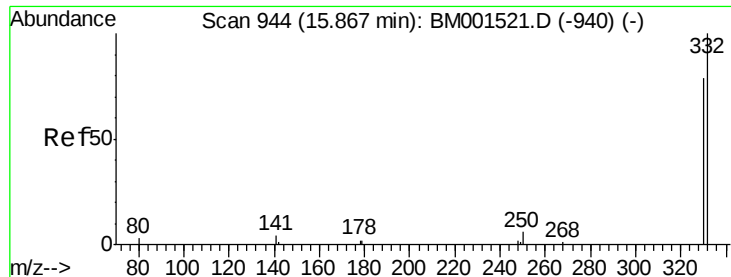


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

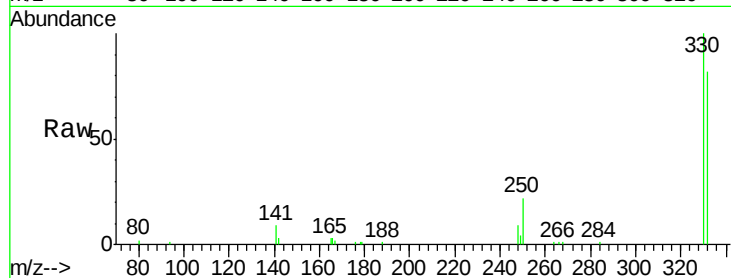




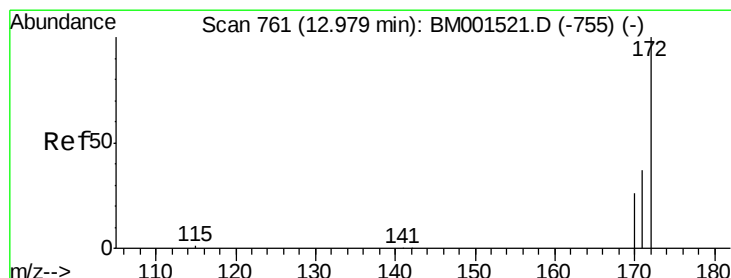
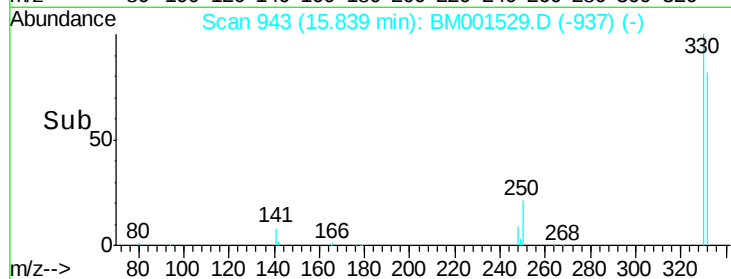
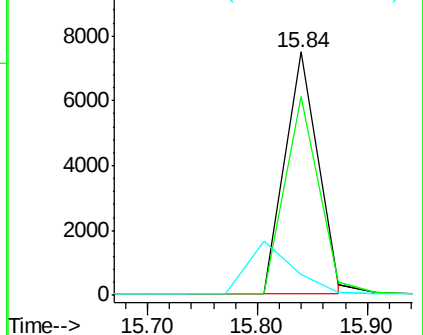
#13
 2,4,6-Tribromophenol
 Concen: 32.72 ng
 RT: 15.84 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BM001529.D
 Acq: 03 Jun 2015 00:49

Instrument :
 BNA_M
 ClientSampleId :
 PB83718BSD

Tgt Ion:330 Resp: 15794
 Ion Ratio Lower Upper
 330 100
 332 83.4 90.3 135.5#
 141 0.0 0.0 0.0

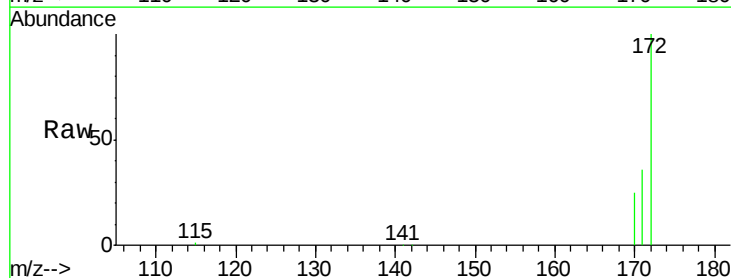


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

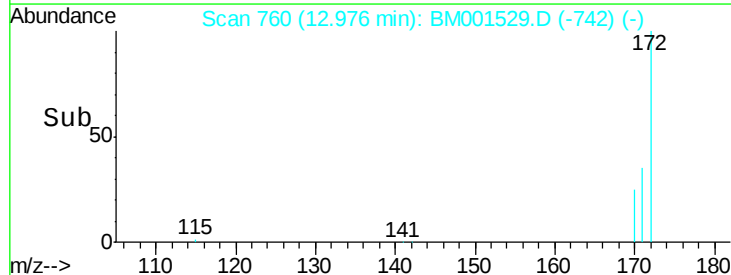
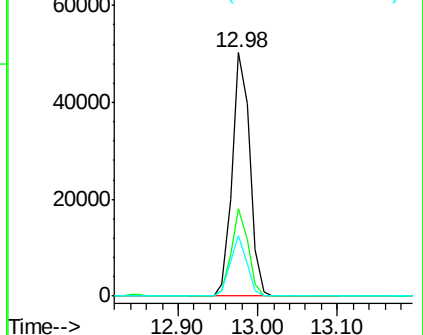


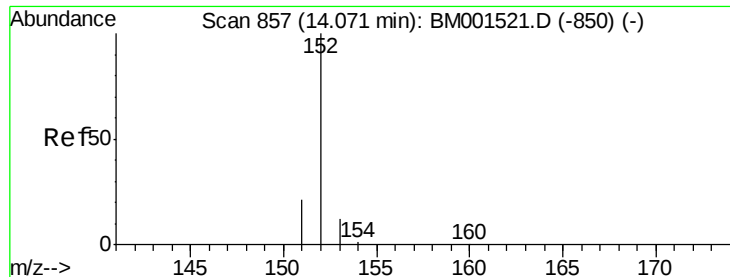
#14
 2-Fluorobiphenyl
 Concen: 9.86 ng
 RT: 12.98 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BM001529.D
 Acq: 03 Jun 2015 00:49

Tgt Ion:172 Resp: 76667
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.9 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: 10.37 ng

RT: 14.08 min Scan# 857

Delta R.T. 0.00 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

Instrument :

BNA_M

ClientSampleId :

PB83718BSD

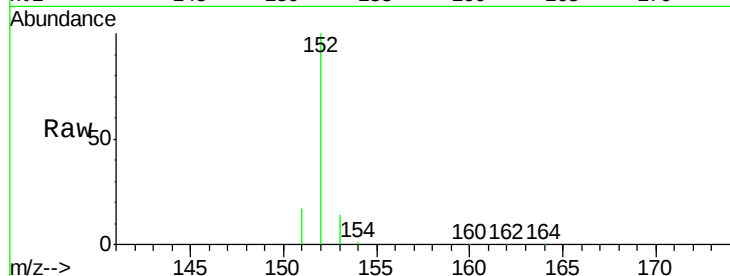
Tgt Ion:152 Resp: 114681

Ion Ratio Lower Upper

152 100

151 19.1 15.1 22.7

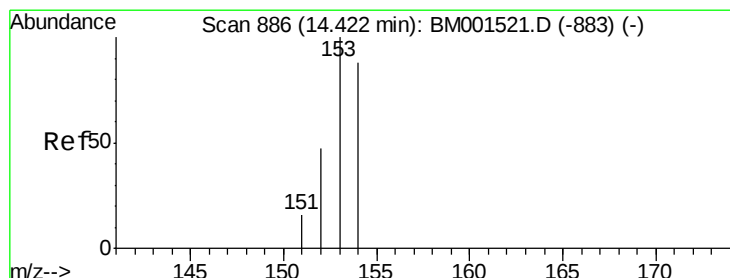
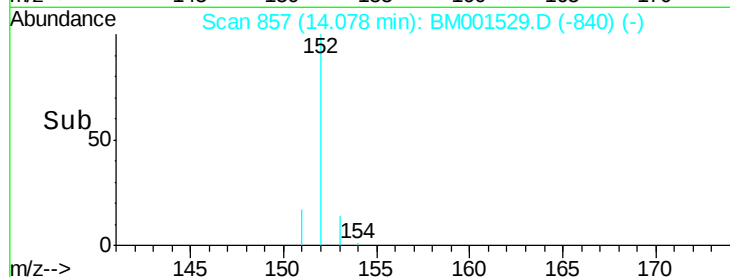
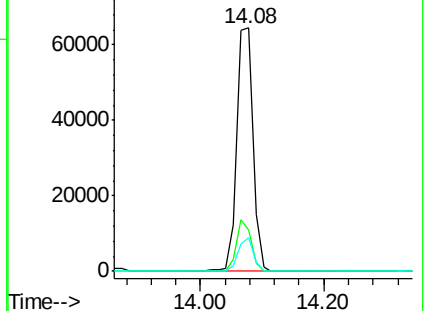
153 12.8 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 9.40 ng

RT: 14.42 min Scan# 885

Delta R.T. -0.01 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

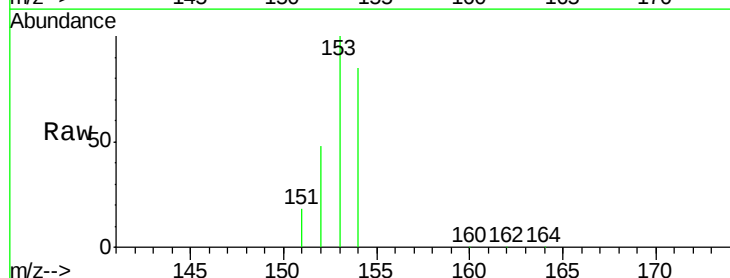
Tgt Ion:154 Resp: 64977

Ion Ratio Lower Upper

154 100

153 112.7 91.4 137.2

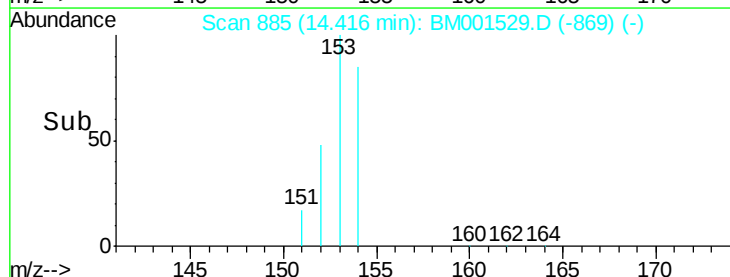
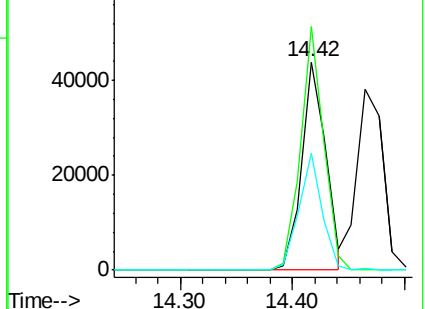
152 54.2 44.0 66.0

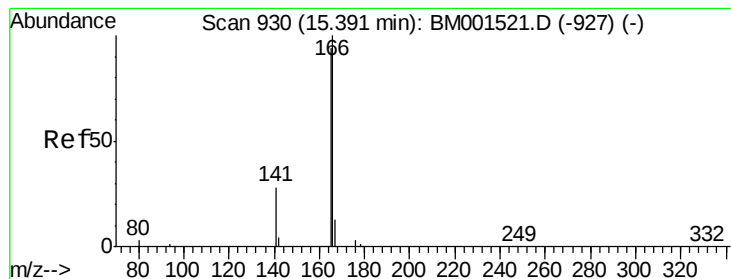


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 5.35 ng

RT: 15.40 min Scan# 930

Delta R.T. 0.00 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

Instrument :

BNA_M

ClientSampleId :

PB83718BSD

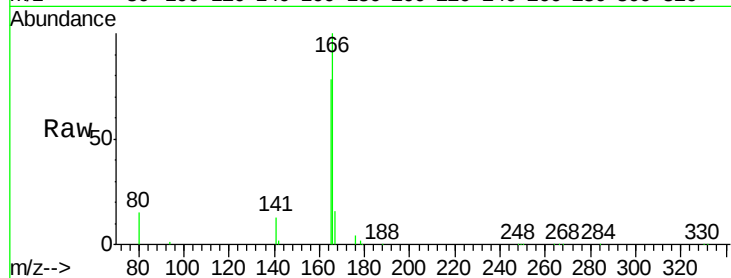
Tgt Ion:166 Resp: 61641

Ion Ratio Lower Upper

166 100

165 83.6 72.6 108.8

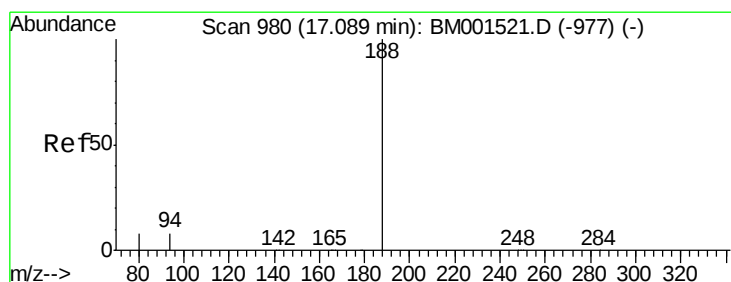
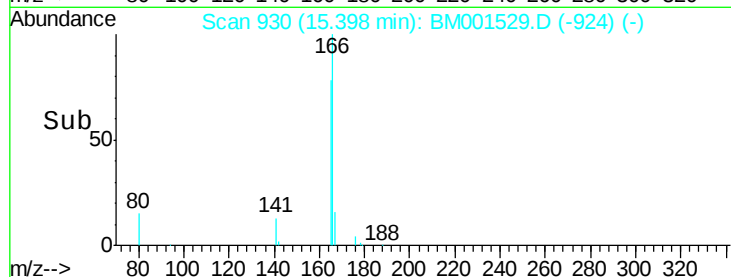
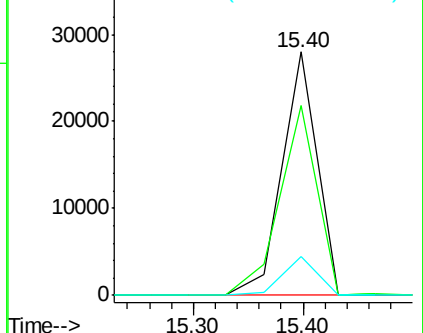
167 15.2 10.9 16.3



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.10 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

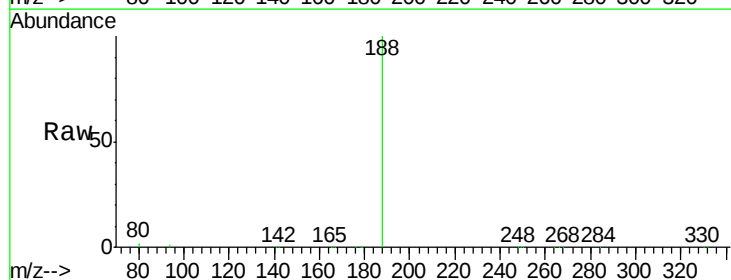
Tgt Ion:188 Resp: 67872

Ion Ratio Lower Upper

188 100

94 1.5 3.0 4.4#

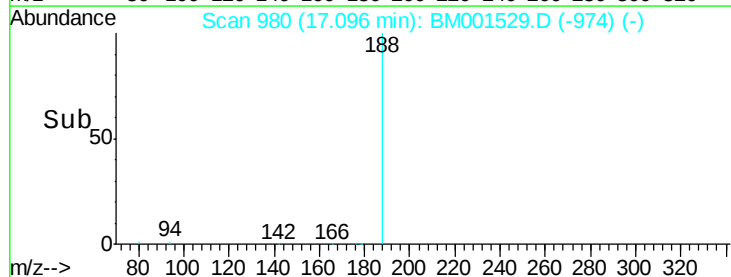
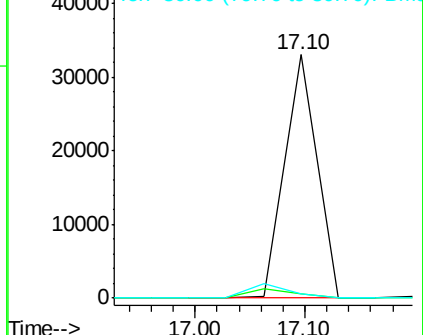
80 1.6 2.5 3.7#

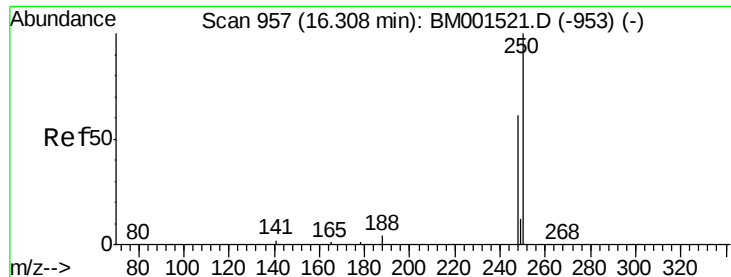


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

4-Bromophenyl-phenylether

Concen: 21.44 ng

RT: 16.28 min Scan# 956

Delta R.T. 0.00 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

Instrument :

BNA_M

ClientSampleId :

PB83718BSD

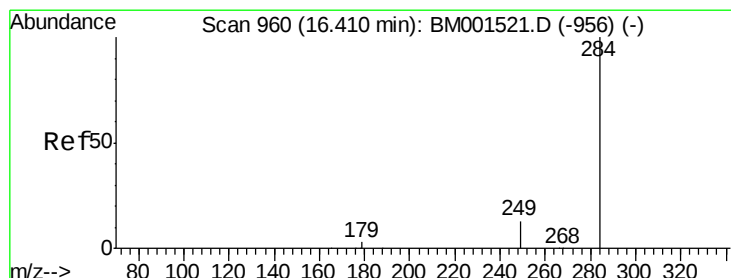
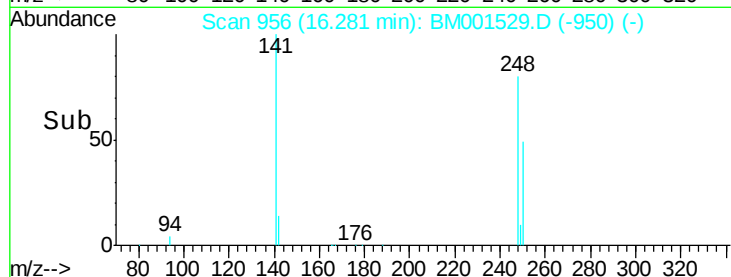
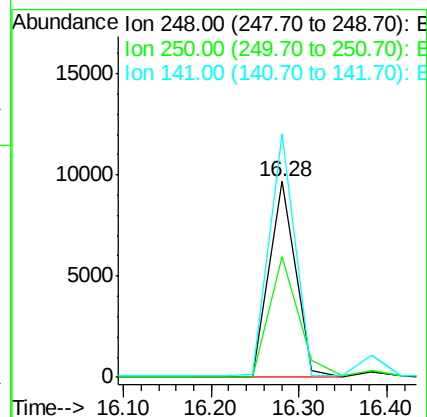
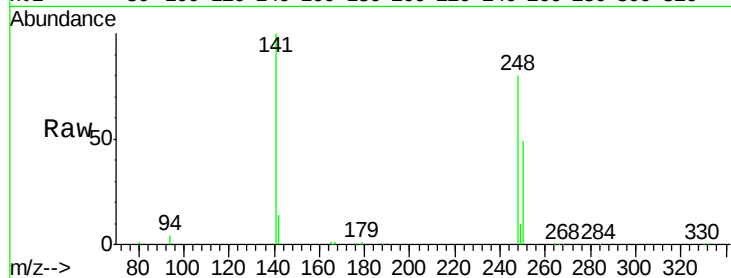
Tgt Ion:248 Resp: 20266

Ion Ratio Lower Upper

248 100

250 67.6 76.8 115.2#

141 121.6 57.7 86.5#



#20

Hexachlorobenzene

Concen: 5.15 ng

RT: 16.42 min Scan# 960

Delta R.T. 0.00 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

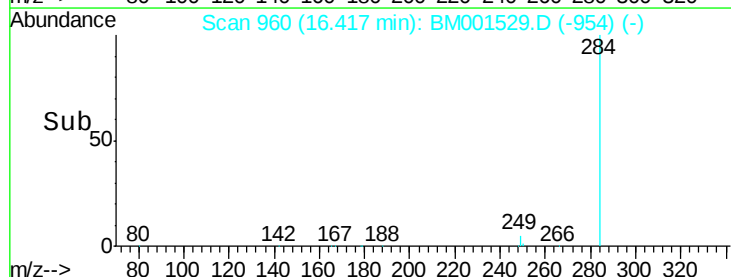
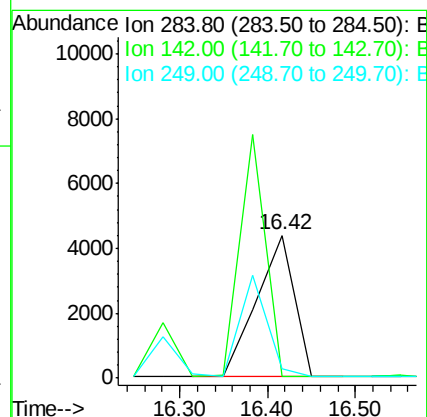
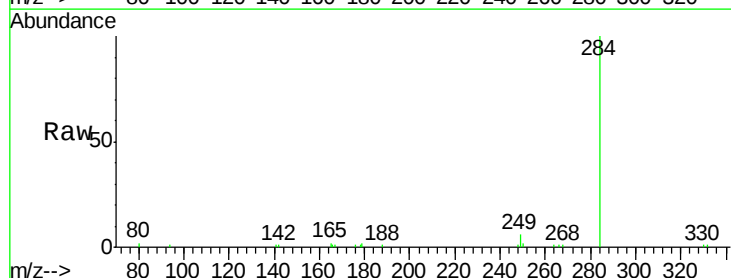
Tgt Ion:284 Resp: 13087

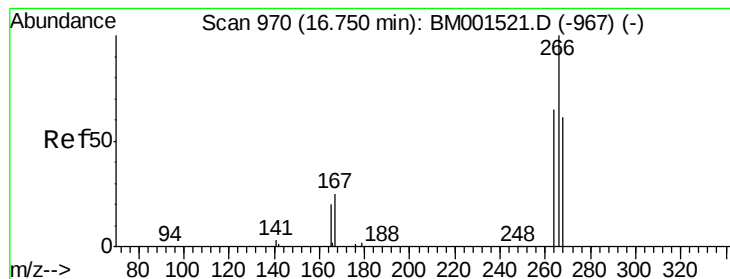
Ion Ratio Lower Upper

284 100

142 0.0 13.9 20.9#

249 0.0 39.0 58.4#





#21

Pentachlorophenol

Concen: 81.84 ng

RT: 16.76 min Scan# 970

Delta R.T. 0.00 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

Instrument :

BNA_M

ClientSampleId :

PB83718BSD

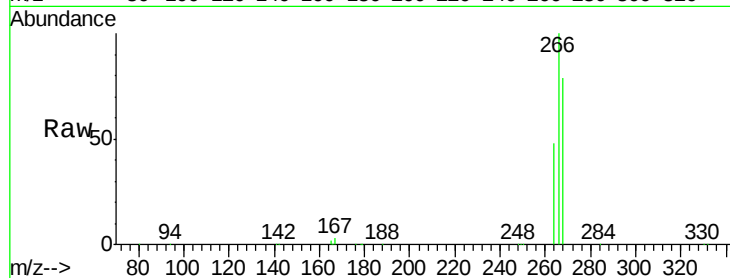
Tgt Ion:266 Resp: 122563

Ion Ratio Lower Upper

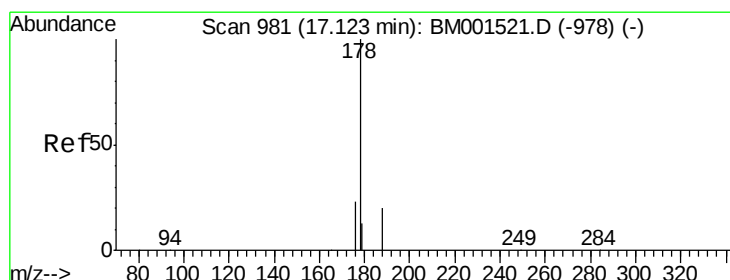
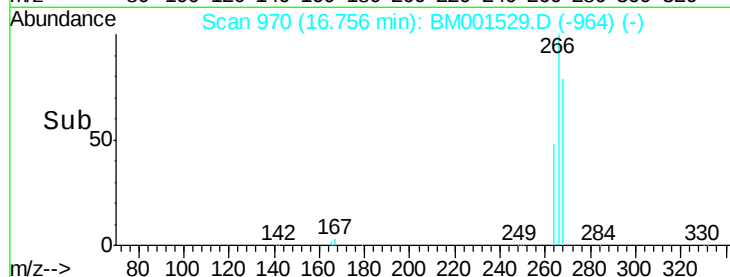
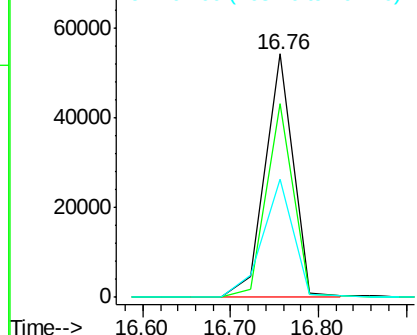
266 100

268 79.4 63.0 94.4

264 48.3 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: 14.82 ng

RT: 17.13 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

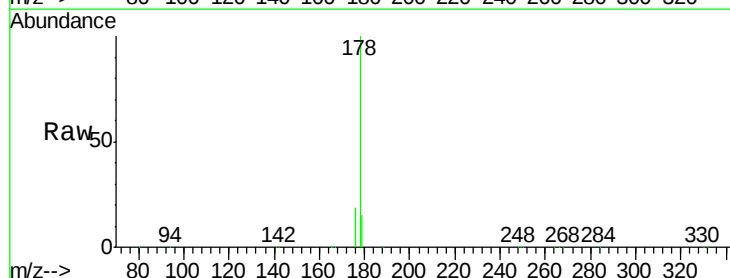
Tgt Ion:178 Resp: 175883

Ion Ratio Lower Upper

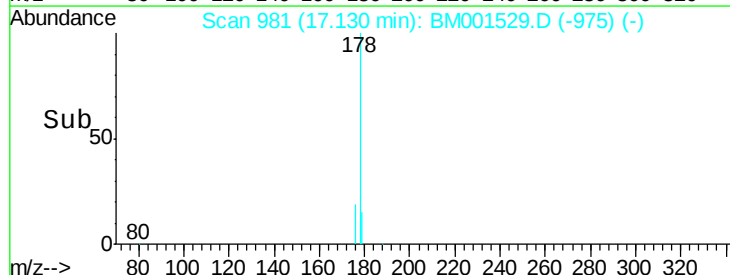
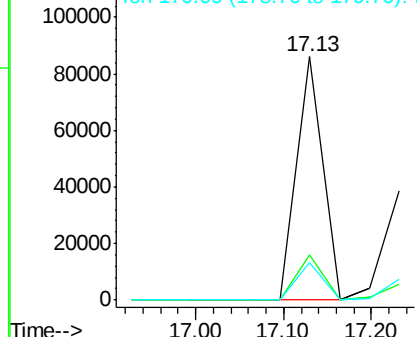
178 100

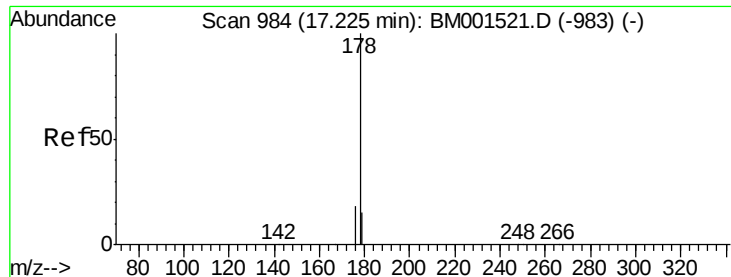
176 18.6 16.8 25.2

179 15.1 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: 5.52 ng

RT: 17.23 min Scan# 984

Delta R.T. 0.00 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

Instrument :

BNA_M

ClientSampleId :

PB83718BSD

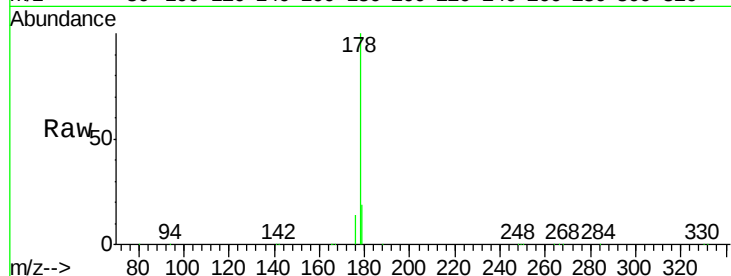
Tgt Ion:178 Resp: 79199

Ion Ratio Lower Upper

178 100

176 14.3 13.1 19.7

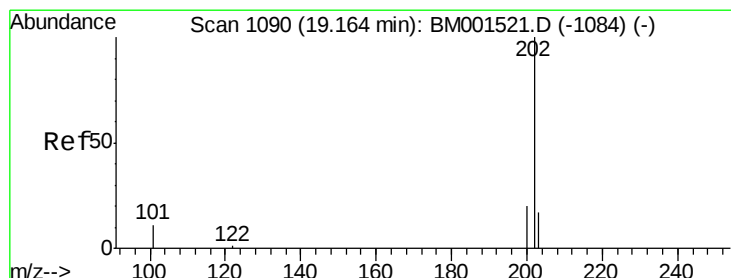
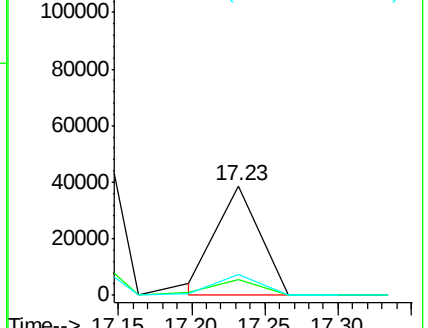
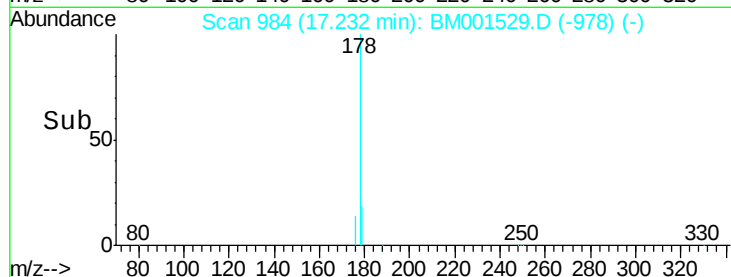
179 18.7 12.8 19.2



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: 10.87 ng

RT: 19.16 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

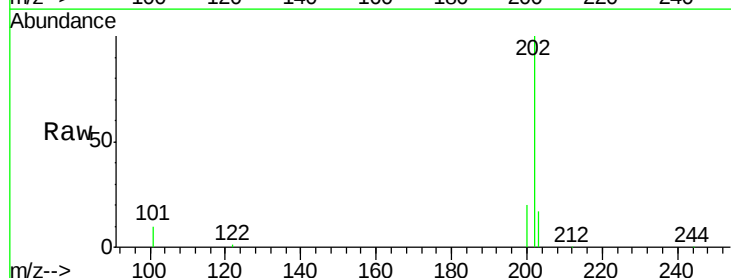
Tgt Ion:202 Resp: 129450

Ion Ratio Lower Upper

202 100

101 12.7 8.6 12.8

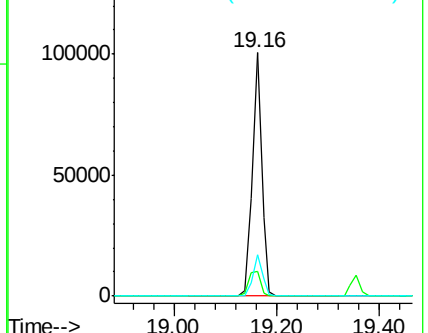
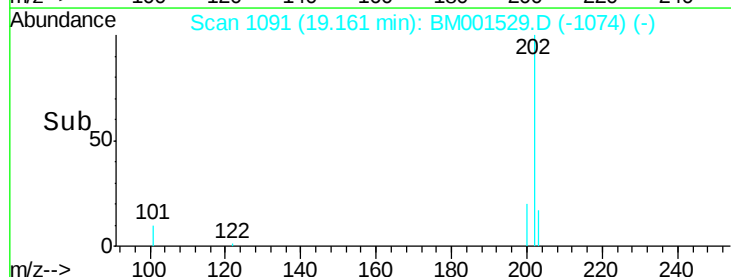
203 17.2 13.8 20.6

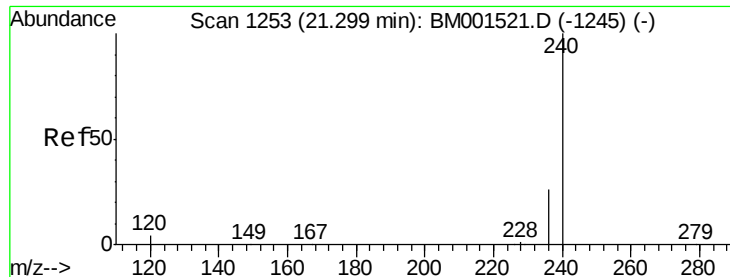


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.30 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

Instrument :

BNA_M

ClientSampleId :

PB83718BSD

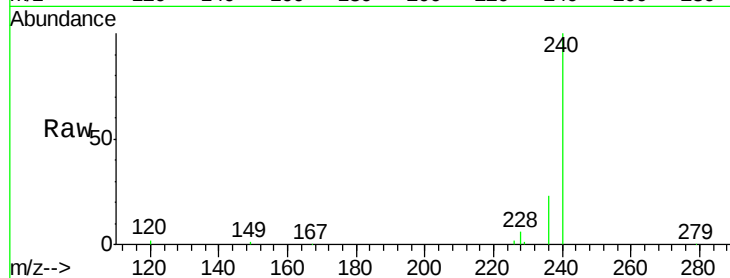
Tgt Ion:240 Resp: 42652

Ion Ratio Lower Upper

240 100

120 2.3 9.7 14.5#

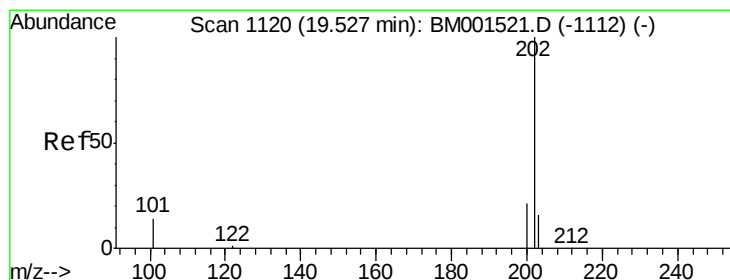
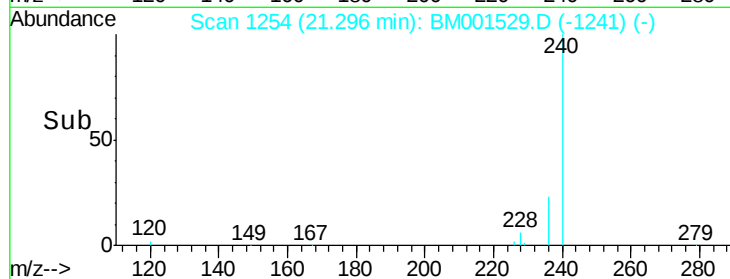
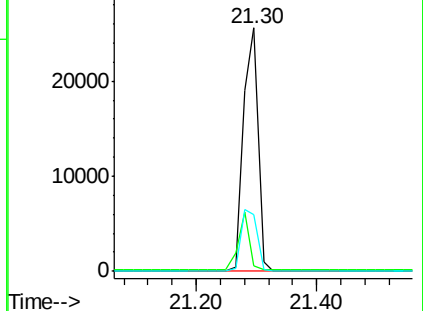
236 23.1 24.8 37.2#



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: 10.75 ng

RT: 19.52 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

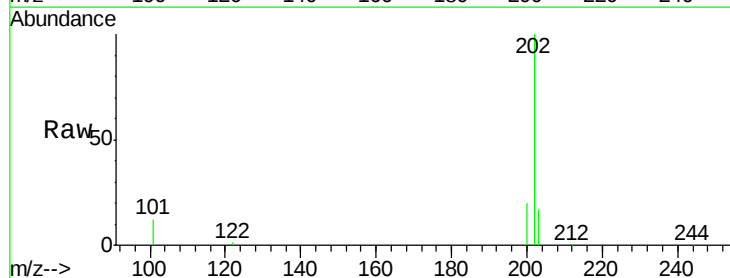
Tgt Ion:202 Resp: 138375

Ion Ratio Lower Upper

202 100

200 20.8 16.4 24.6

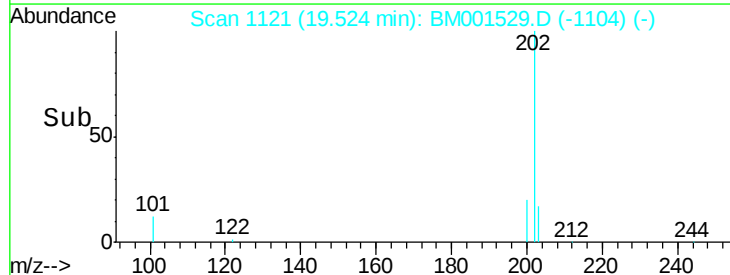
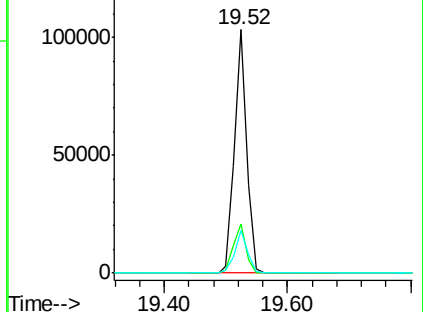
203 17.9 13.9 20.9

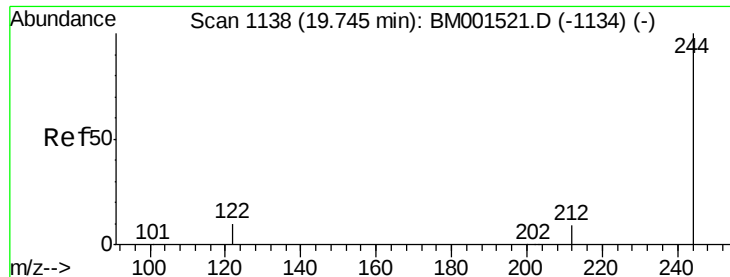


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

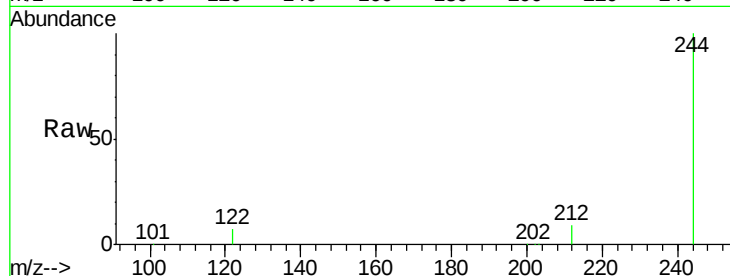




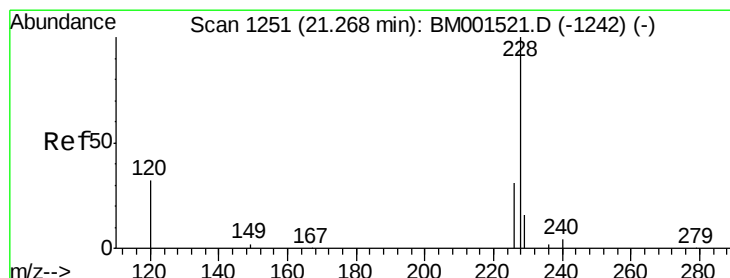
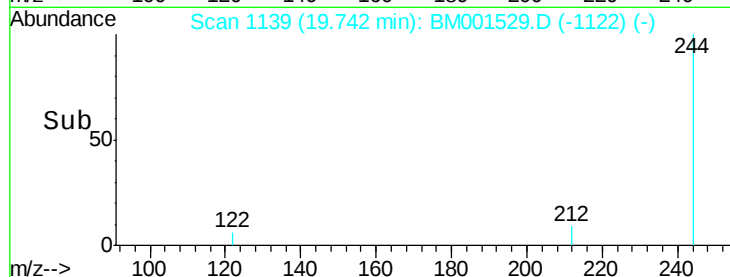
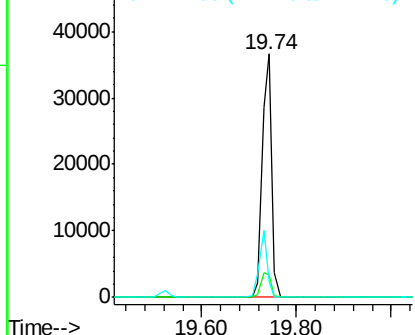
#27
 Terphenyl-d14
 Concen: 9.84 ng
 RT: 19.74 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BM001529.D
 Acq: 03 Jun 2015 00:49

Instrument :
 BNA_M
 ClientSampleId :
 PB83718BSD

Tgt Ion: 244 Resp: 51756
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.2 10.8
 122 6.5 5.1 7.7

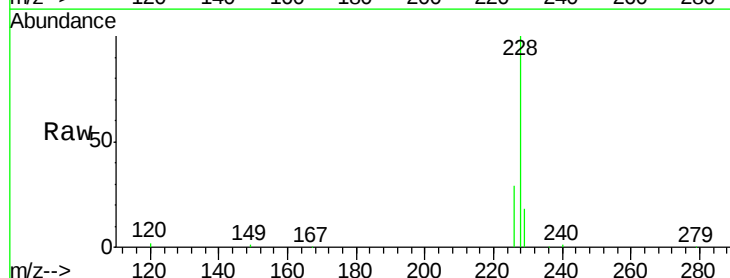


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

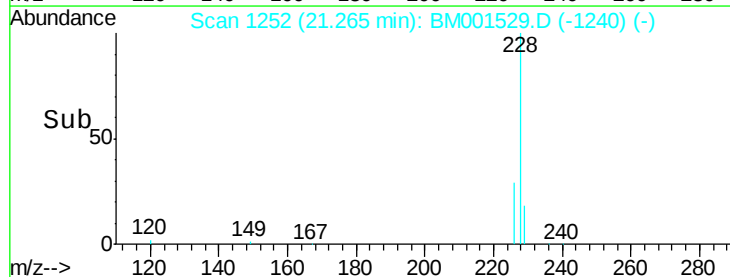
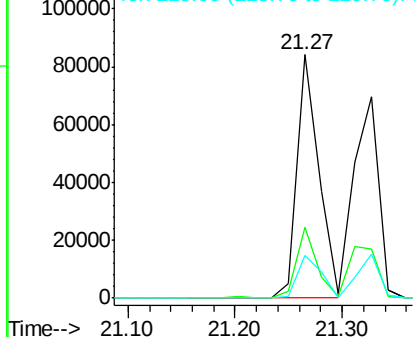


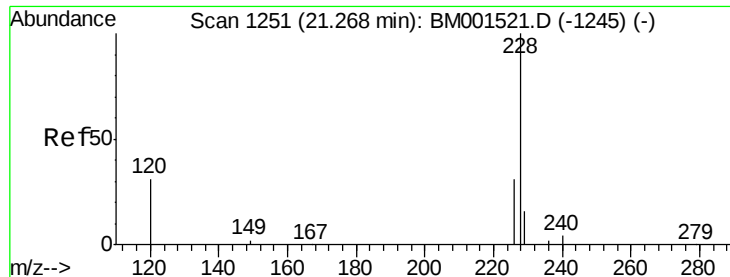
#28
 Benzo(a)anthracene
 Concen: 10.31 ng
 RT: 21.27 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BM001529.D
 Acq: 03 Jun 2015 00:49

Tgt Ion: 228 Resp: 118423
 Ion Ratio Lower Upper
 228 100
 226 28.9 21.9 32.9
 229 17.7 15.1 22.7



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





#29

Chrysene

Concen: 10.89 ng

RT: 21.27 min Scan# 1252

Delta R.T. -0.06 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

Instrument :

BNA_M

ClientSampleId :

PB83718BSD

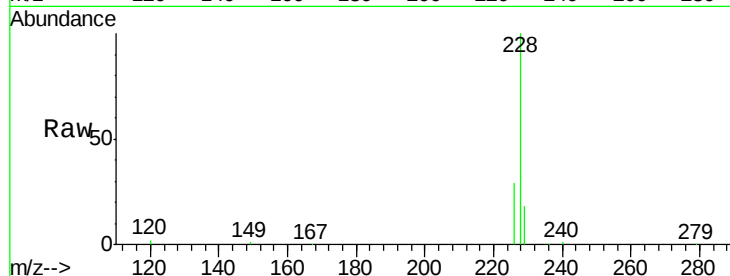
Tgt Ion:228 Resp: 118423

Ion Ratio Lower Upper

228 100

226 28.9 27.6 41.4

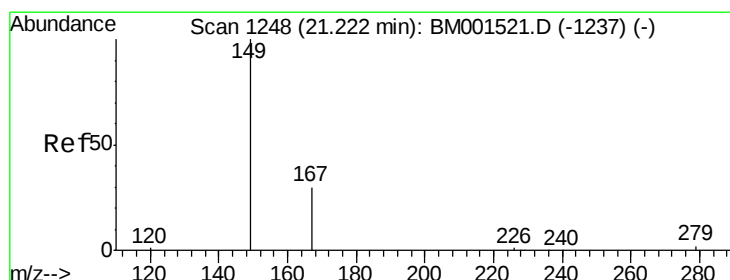
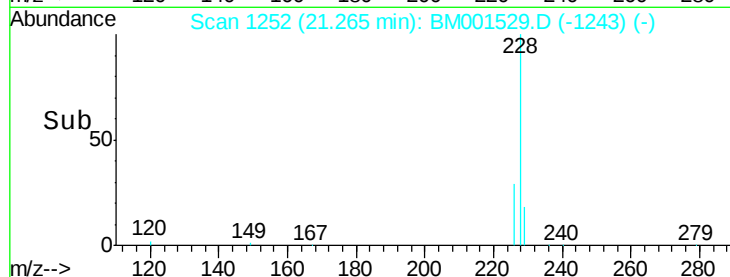
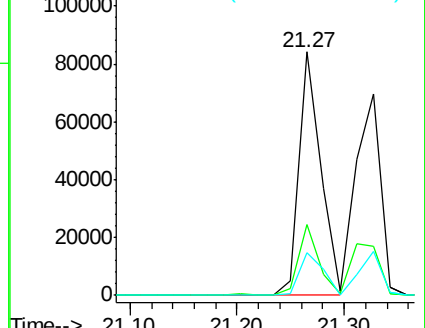
229 17.7 13.6 20.4



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: 12.04 ng

RT: 21.20 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

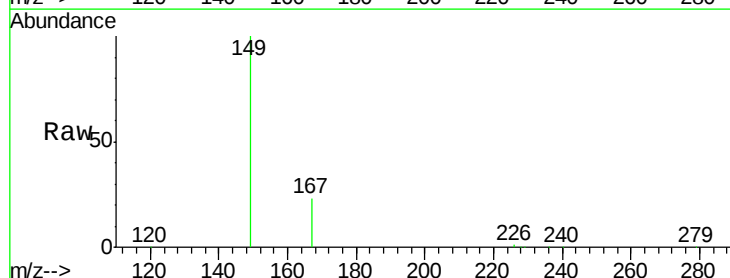
Tgt Ion:149 Resp: 97633

Ion Ratio Lower Upper

149 100

167 25.2 21.0 31.6

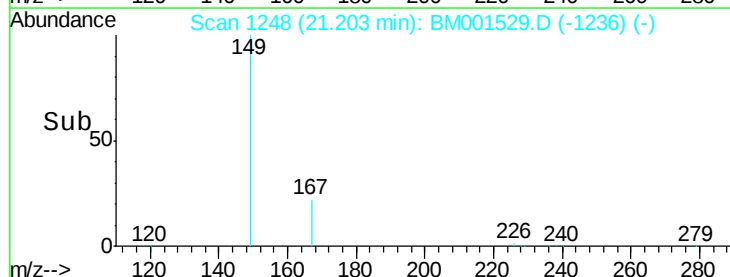
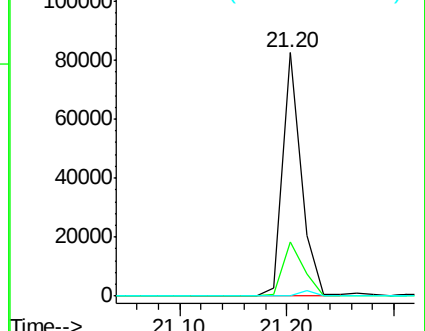
279 2.2 2.2 3.2

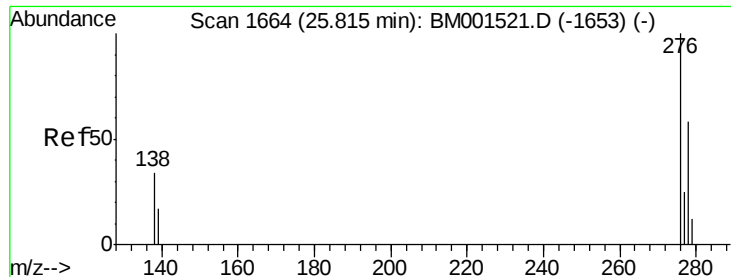


Abundance Ion 149.00 (148.70 to 149.70): E

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: 10.18 ng

RT: 25.80 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

Instrument :

BNA_M

ClientSampleId :

PB83718BSD

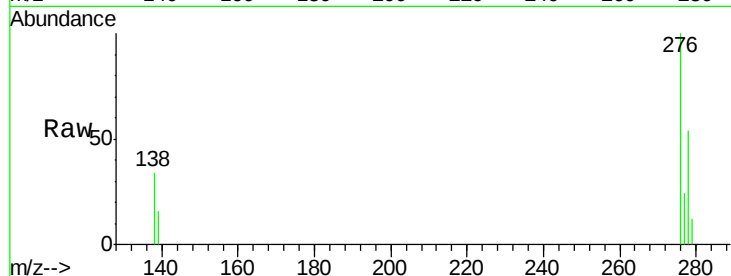
Tgt Ion: 276 Resp: 123058

Ion Ratio Lower Upper

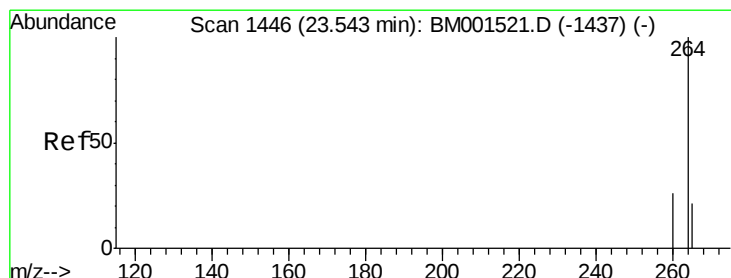
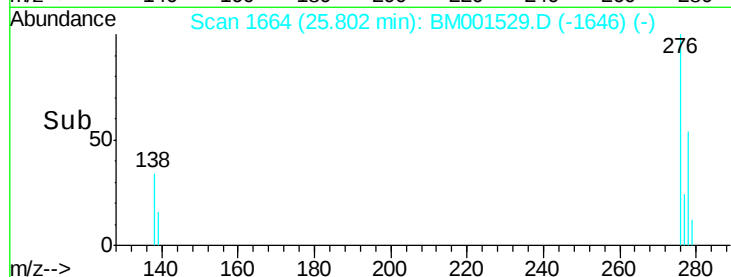
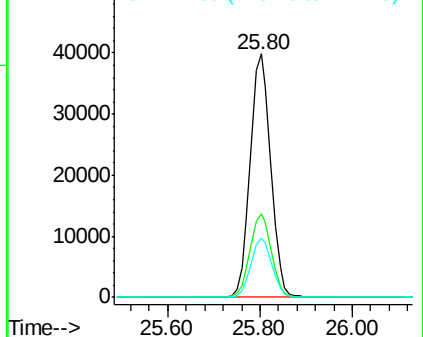
276 100

138 35.4 23.4 35.0#

277 24.7 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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.54 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

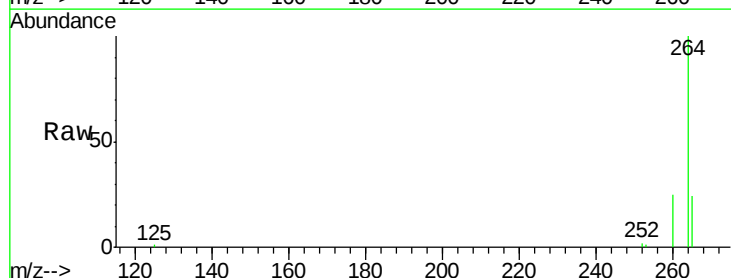
Tgt Ion: 264 Resp: 38326

Ion Ratio Lower Upper

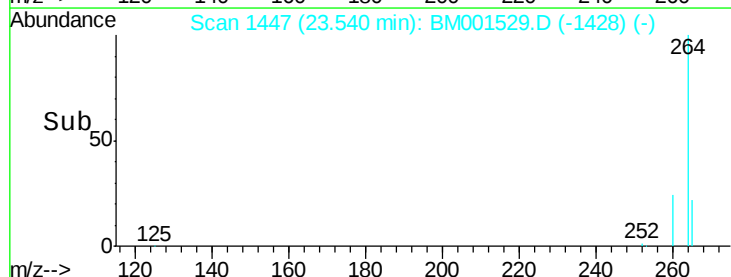
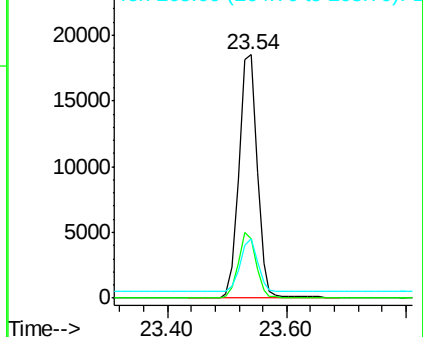
264 100

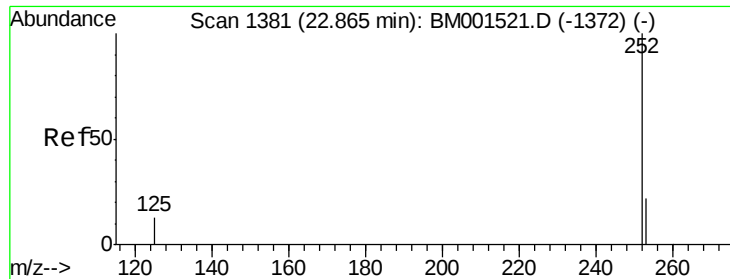
260 24.6 20.1 30.1

265 24.4 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





#33

Benzo(b)fluoranthene

Concen: 10.27 ng

RT: 22.85 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

Instrument :

BNA_M

ClientSampleId :

PB83718BSD

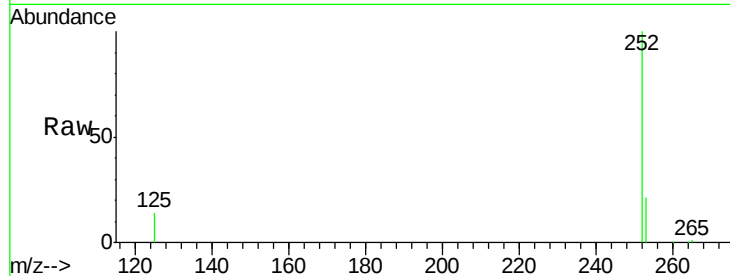
Tgt Ion:252 Resp: 112341

Ion Ratio Lower Upper

252 100

253 20.6 17.4 26.0

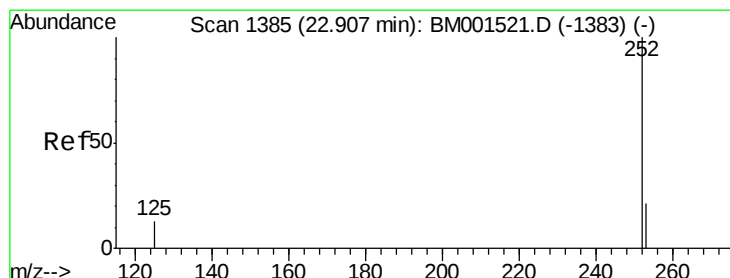
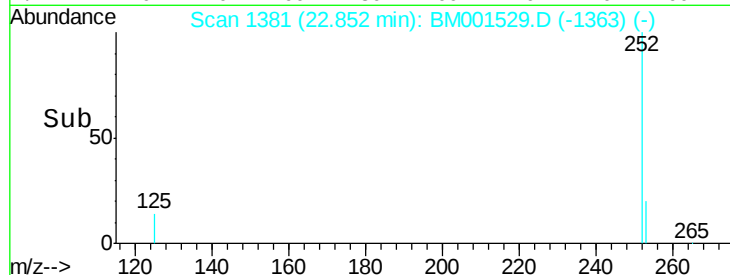
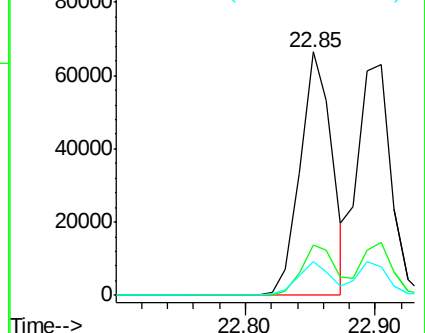
125 13.9 10.2 15.4



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: 11.55 ng

RT: 22.90 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

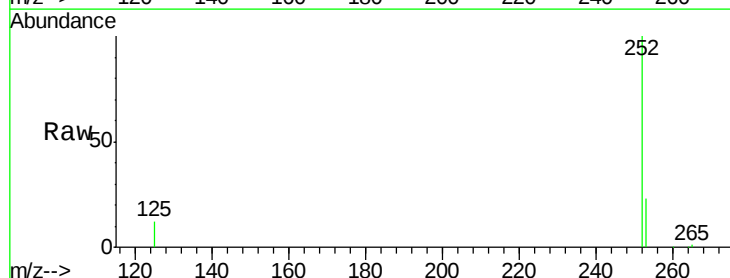
Tgt Ion:252 Resp: 110488

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

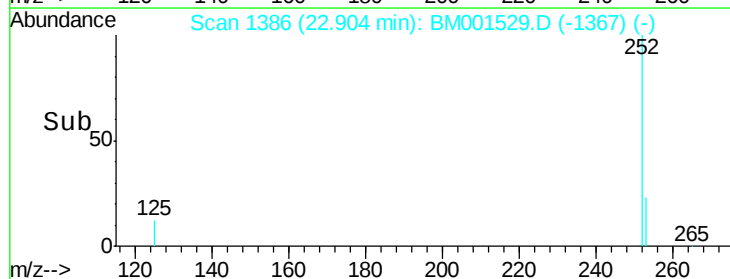
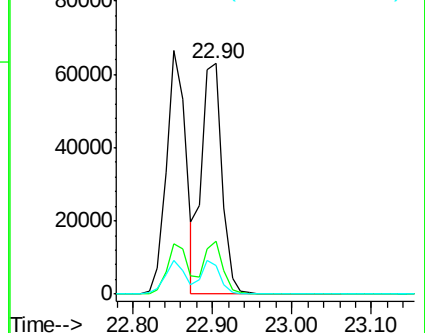
125 12.2 9.7 14.5

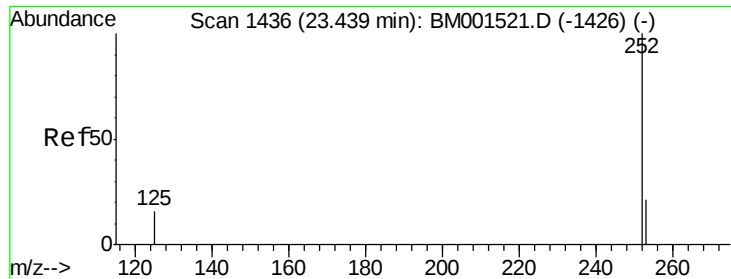


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 11.37 ng

RT: 23.44 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

Instrument :

BNA_M

ClientSampleId :

PB83718BSD

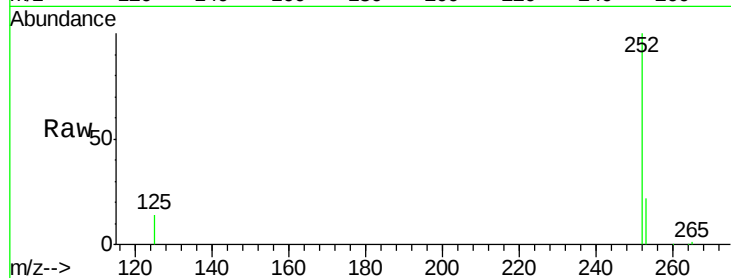
Tgt Ion:252 Resp: 106058

Ion Ratio Lower Upper

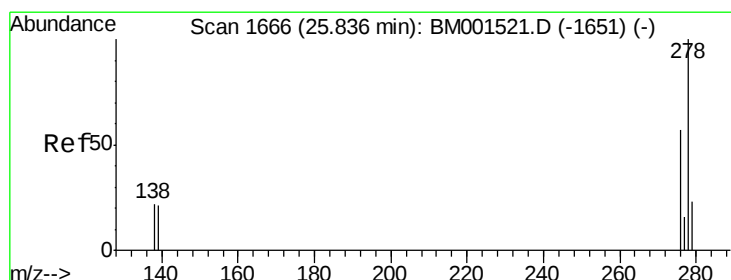
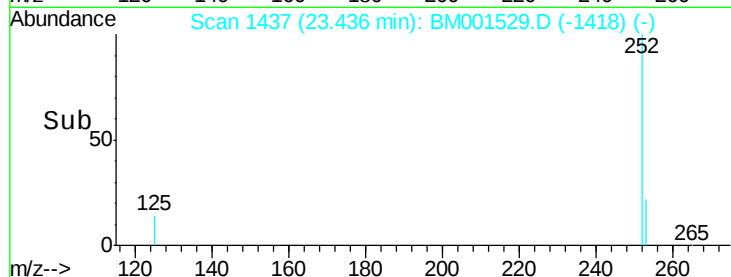
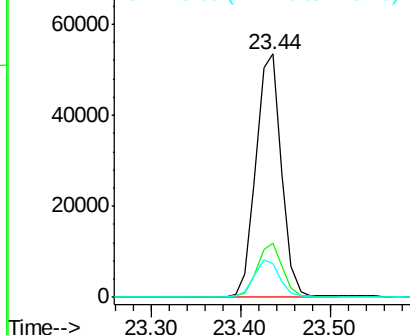
252 100

253 22.3 18.6 28.0

125 14.0 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: 10.79 ng

RT: 25.82 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BM001529.D

Acq: 03 Jun 2015 00:49

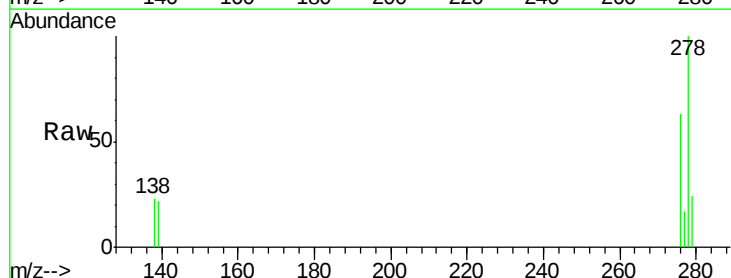
Tgt Ion:278 Resp: 100156

Ion Ratio Lower Upper

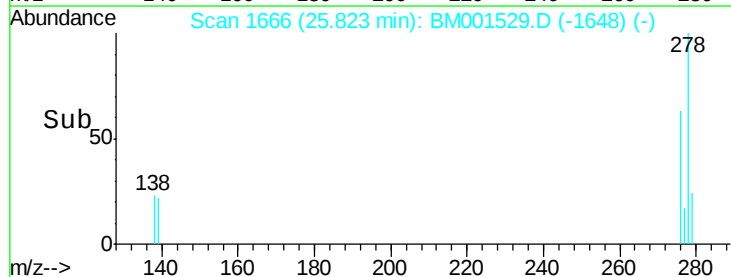
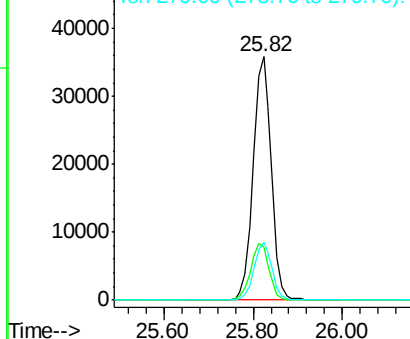
278 100

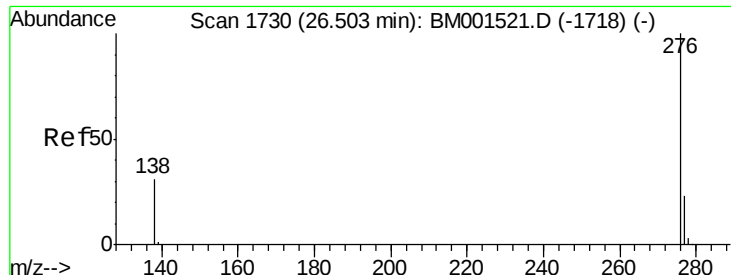
139 21.7 15.7 23.5

279 23.9 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: 10.62 ng

RT: 26.50 min Scan# 1731

Delta R.T. 0.00 min

Lab File: BM001529.D

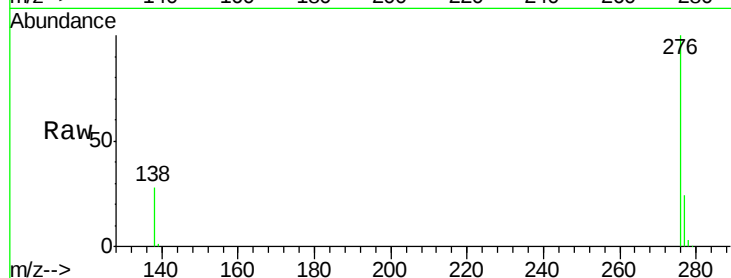
Acq: 03 Jun 2015 00:49

Instrument :

BNA_M

ClientSampleId :

PB83718BSD



Tgt Ion: 276 Resp: 103142

Ion Ratio Lower Upper

276 100

277 23.7 19.8 29.6

138 28.1 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

