

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022816\
 Data File : BM004464.D
 Acq On : 29 Feb 2016 00:33
 Operator : SJ/UM
 Sample : PB88423BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB88423BS

Quant Time: Feb 29 06:33:03 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM022816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 29 05:57:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	13137	5.00	ng	0.00
7) Naphthalene-d8	10.38	136	47582	5.00	ng	0.00
12) Acenaphthene-d10	14.25	164	33392	5.00	ng	0.00
15) Phenanthrene-d10	17.03	188	38061	5.00	ng	0.00
19) Chrysene-d12	21.24	240	55703	5.00	ng	0.00
28) Perylene-d12	23.46	264	45107	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	19974	6.91	ng	0.00
5) Phenol-d6	6.80	99	26852	8.19	ng	-0.03
8) Nitrobenzene-d5	8.76	82	10801	4.11	ng	-0.02
13) 2,4,6-Tribromophenol	15.78	330	10918	6.43	ng	0.00
14) 2-Fluorobiphenyl	12.89	172	35310	3.47	ng	0.00
22) Terphenyl-d14	19.67	244	28115	3.96	ng	-0.02

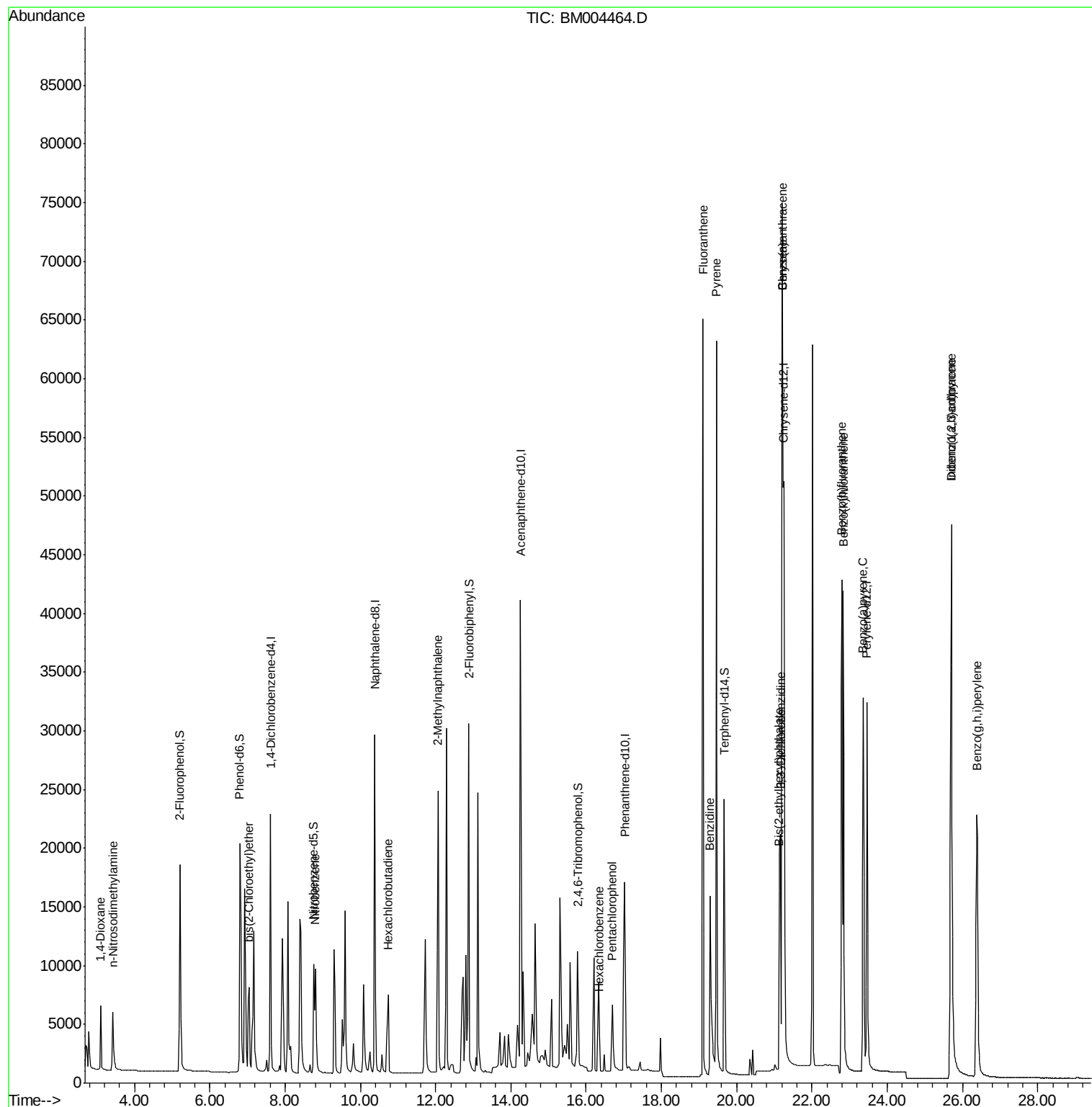
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	4232	3.84	ng	95
3) n-Nitrosodimethylamine	3.43	42	3441	3.53	ng	# 100
6) bis(2-Chloroethyl)ether	7.04	93	9072	3.48	ng	# 96
9) Nitrobenzene	8.81	77	10753	3.69	ng	# 100
10) Hexachlorobutadiene	10.74	225	6455	3.32	ng	99
11) 2-Methylnaphthalene	12.07	142	26798	3.70	ng	94
16) Hexachlorobenzene	16.35	284	7299	4.06	ng	# 100
17) Pentachlorophenol	16.69	266	6486	6.51	ng	# 71
18) Fluoranthene	19.10	202	64458	4.28	ng	100
20) Benzidine	19.29	184	45727	8.96	ng	# 77
21) Pyrene	19.46	202	67332	4.06	ng	99
23) Benzo(a)anthracene	21.22	228	124243	7.81	ng	94
24) 3,3'-Dichlorobenzidine	21.17	252	22561	4.14	ng	# 87
25) Chrysene	21.22	228	125753	10.17	ng	# 85
26) Bis(2-ethylhexyl)phthalate	21.12	149	30398	3.72	ng	# 37
27) Indeno(1,2,3-cd)pyrene	25.69	276	57124	3.94	ng	99
29) Benzo(b)fluoranthene	22.79	252	62839	3.69	ng	96
30) Benzo(k)fluoranthene	22.83	252	53084	3.62	ng	96
31) Benzo(a)pyrene	23.36	252	52733	3.99	ng	95
32) Dibenzo(a,h)anthracene	25.70	278	44767	3.79	ng	95
33) Benzo(g,h,i)perylene	26.38	276	48726	3.76	ng	98

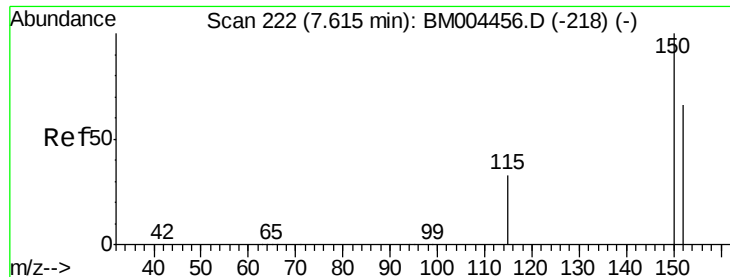
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 222

Delta R.T. 0.00 min

Lab File: BM004464.D

Acq: 29 Feb 2016 00:33

Instrument :

BNA_M

ClientSampled :

PB88423BS

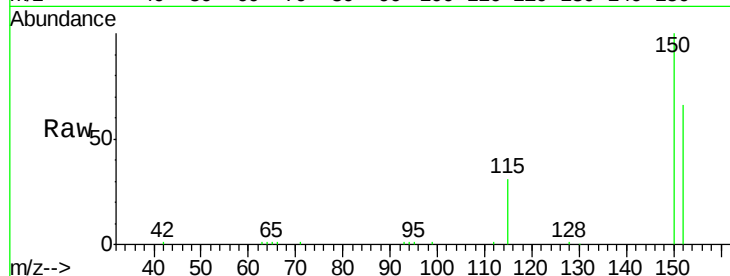
Tot Ion:152 Resp: 13137

Ion Ratio Lower Upper

152 100

150 152.0 123.9 185.9

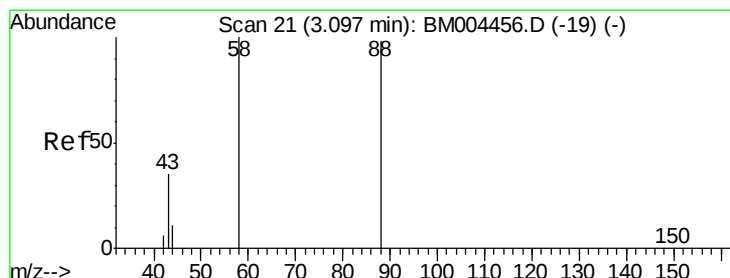
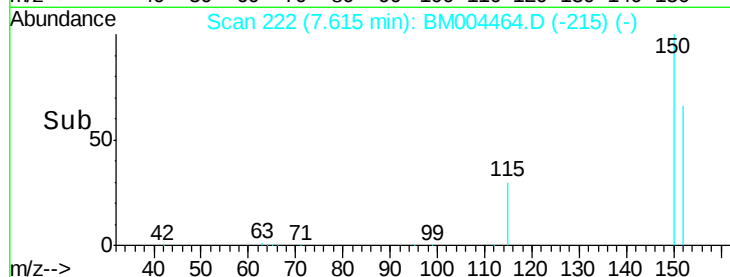
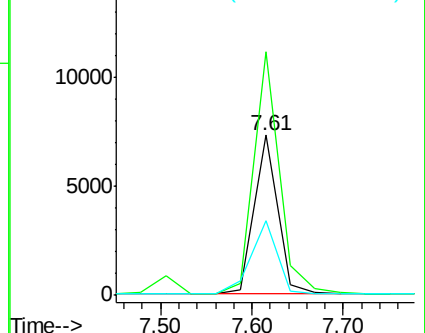
115 46.5 40.6 61.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.84 ng

RT: 3.10 min Scan# 21

Delta R.T. 0.00 min

Lab File: BM004464.D

Acq: 29 Feb 2016 00:33

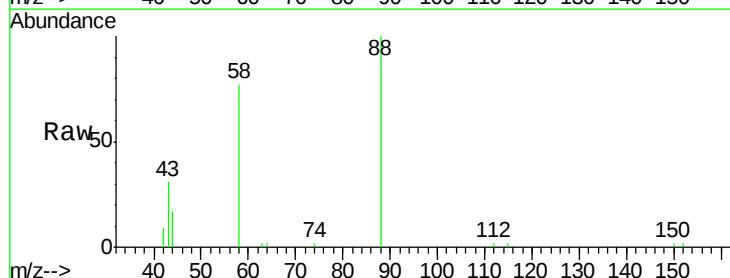
Tgt Ion: 88 Resp: 4232

Ion Ratio Lower Upper

88 100

58 68.8 58.5 87.7

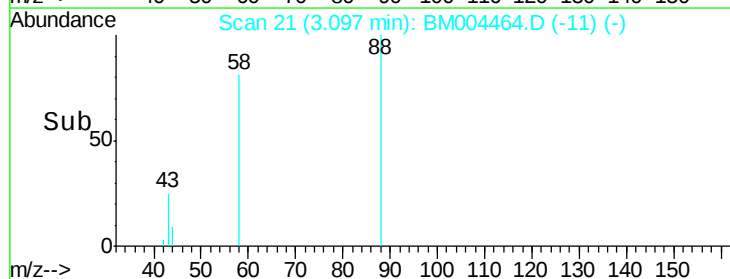
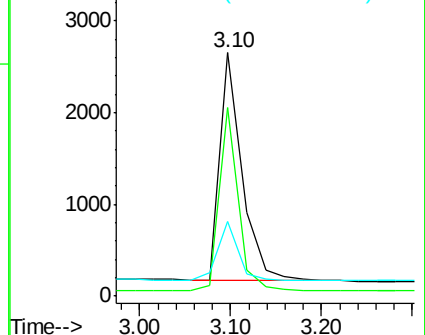
43 24.6 22.2 33.2

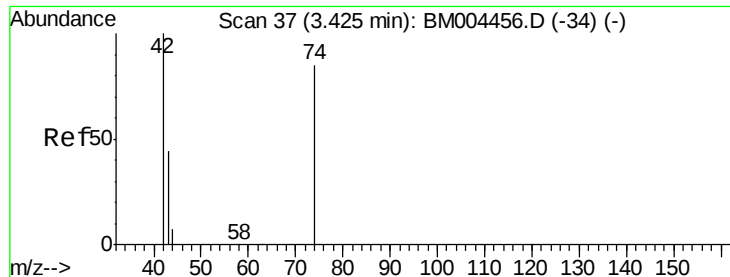


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 3.53 ng

RT: 3.43 min Scan# 37

Delta R.T. 0.00 min

Lab File: BM004464.D

Acq: 29 Feb 2016 00:33

Instrument :

BNA_M

ClientSampleId :

PB88423BS

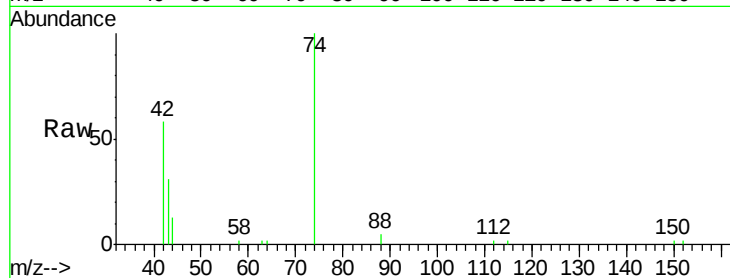
Tot Ion: 42 Resp: 3441

Ion Ratio Lower Upper

42 100

74 167.0 0.0 0.0#

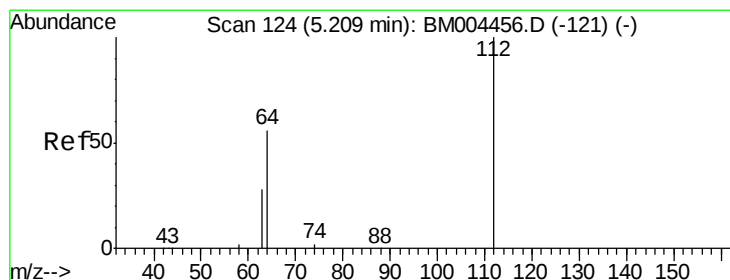
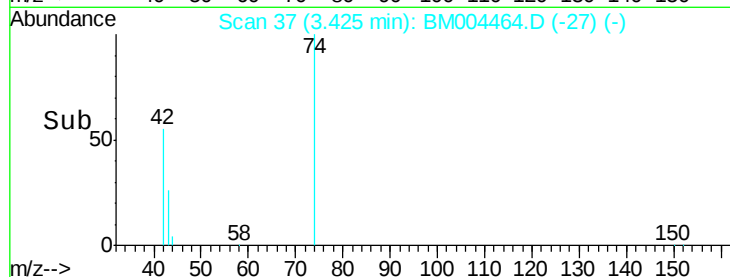
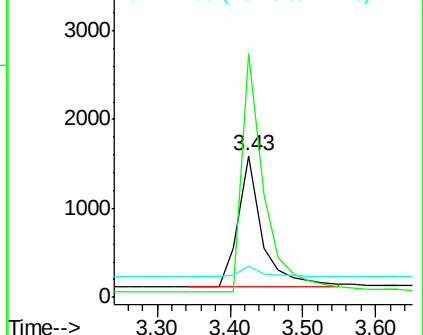
44 7.3 5.8 8.6



Abundance Ion 42.00 (41.70 to 42.70): BM004464.D (-34) (-)

Ion 74.00 (73.70 to 74.70): BM004464.D (-34) (-)

Ion 44.00 (43.70 to 44.70): BM004464.D (-34) (-)



#4

2-Fluorophenol

Concen: 6.91 ng

RT: 5.21 min Scan# 124

Delta R.T. 0.00 min

Lab File: BM004464.D

Acq: 29 Feb 2016 00:33

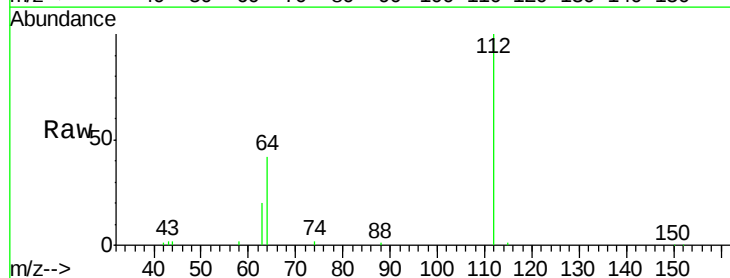
Tgt Ion: 112 Resp: 19974

Ion Ratio Lower Upper

112 100

64 47.2 39.4 59.2

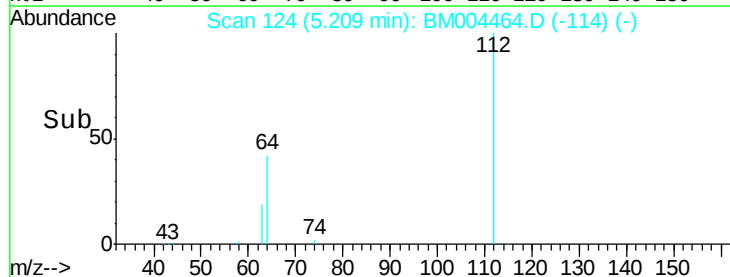
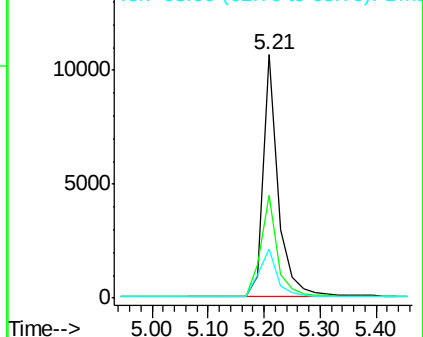
63 23.8 19.9 29.9

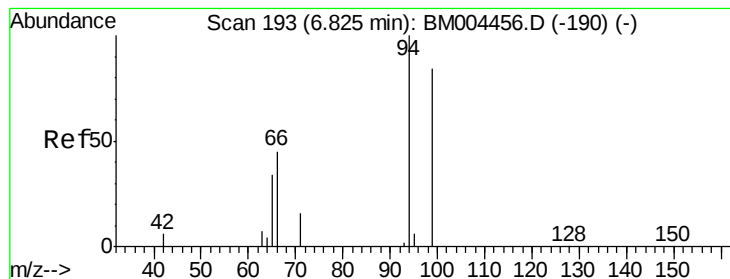


Abundance Ion 112.00 (111.70 to 112.70): BM004464.D (-121) (-)

Ion 64.00 (63.70 to 64.70): BM004464.D (-121) (-)

Ion 63.00 (62.70 to 63.70): BM004464.D (-121) (-)





#5

Phenol-d6

Concen: 8.19 ng

RT: 6.80 min Scan# 192

Delta R.T. -0.03 min

Lab File: BM004464.D

Acq: 29 Feb 2016 00:33

Instrument :

BNA_M

ClientSampleId :

PB88423BS

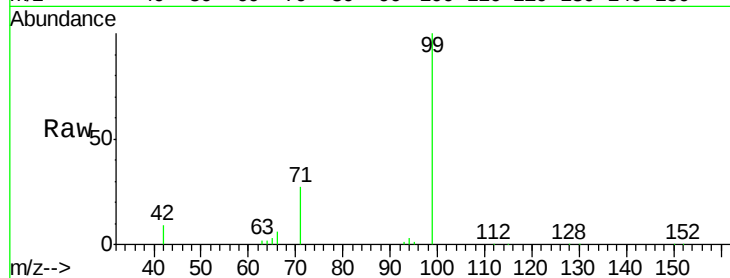
Tot Ion: 99 Resp: 26852

Ion Ratio Lower Upper

99 100

42 12.6 0.0 0.0#

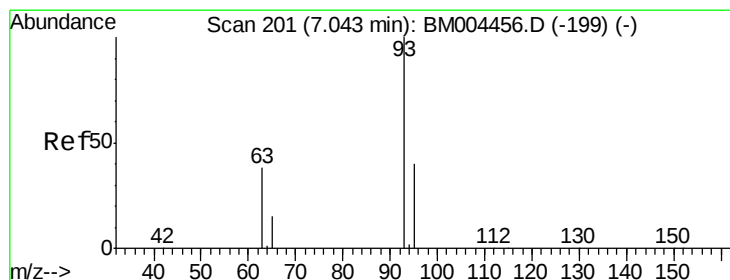
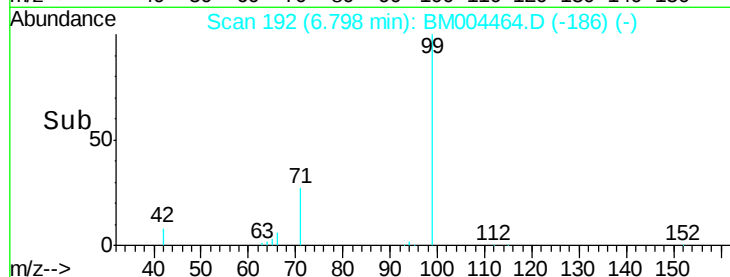
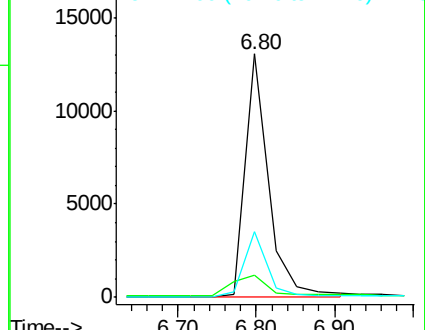
71 26.7 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BM004456.D (-190) (-)

Ion 42.00 (41.70 to 42.70): BM004456.D (-190) (-)

Ion 71.00 (70.70 to 71.70): BM004456.D (-190) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.48 ng

RT: 7.04 min Scan# 201

Delta R.T. 0.00 min

Lab File: BM004464.D

Acq: 29 Feb 2016 00:33

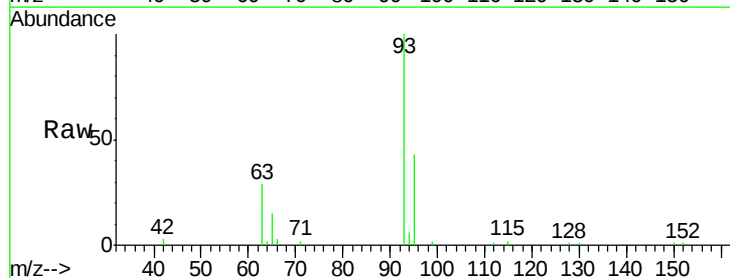
Tgt Ion: 93 Resp: 9072

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

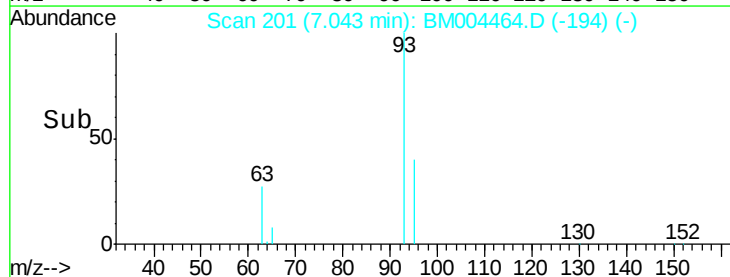
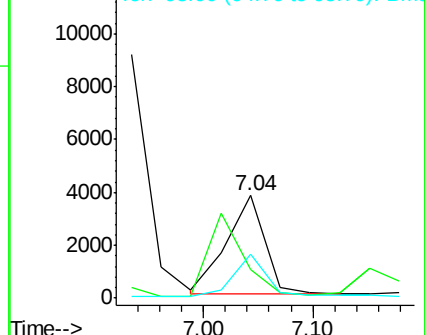
95 36.0 27.1 40.7

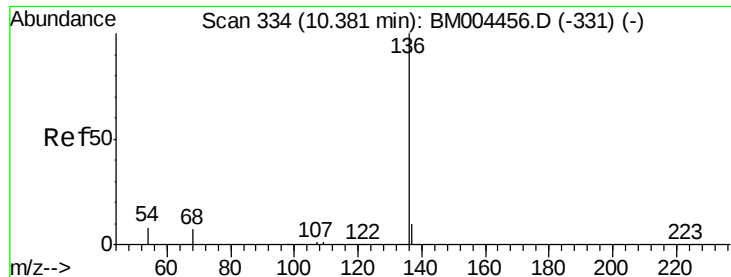


Abundance Ion 93.00 (92.70 to 93.70): BM004456.D (-199) (-)

Ion 63.00 (62.70 to 63.70): BM004456.D (-199) (-)

Ion 95.00 (94.70 to 95.70): BM004456.D (-199) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 334

Delta R.T. 0.00 min

Lab File: BM004464.D

Acq: 29 Feb 2016 00:33

Instrument :

BNA_M

ClientSampleId :

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Tot Ion:136 Resp: 47582

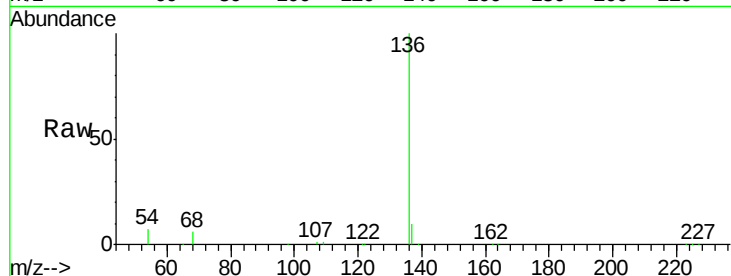
Ion Ratio Lower Upper

136 100

137 10.2 8.0 12.0

54 6.9 7.0 10.6#

68 6.0 5.8 8.6

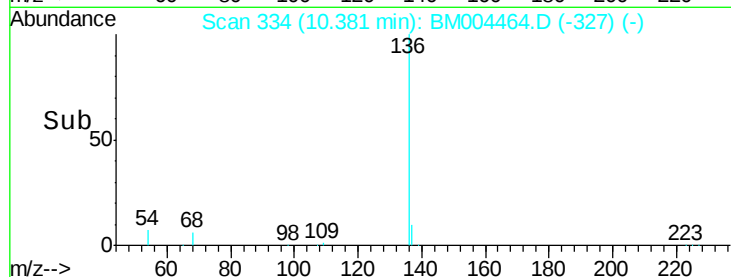


Abundance Ion 136.00 (135.70 to 136.70): E

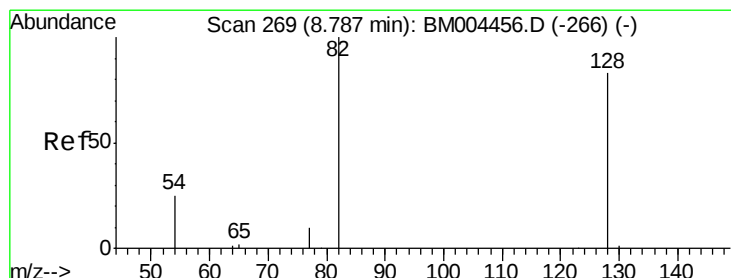
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#8

Nitrobenzene-d5

Concen: 4.11 ng

RT: 8.76 min Scan# 268

Delta R.T. -0.02 min

Lab File: BM004464.D

Acq: 29 Feb 2016 00:33

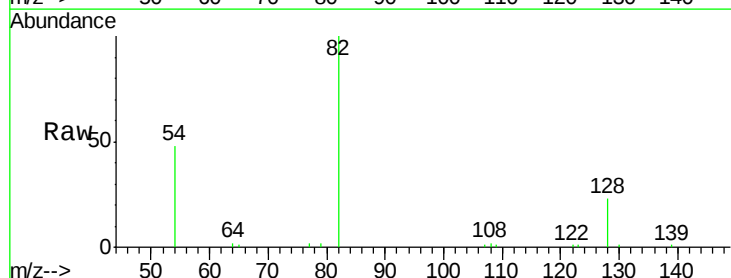
Tgt Ion: 82 Resp: 10801

Ion Ratio Lower Upper

82 100

128 22.5 67.0 100.6#

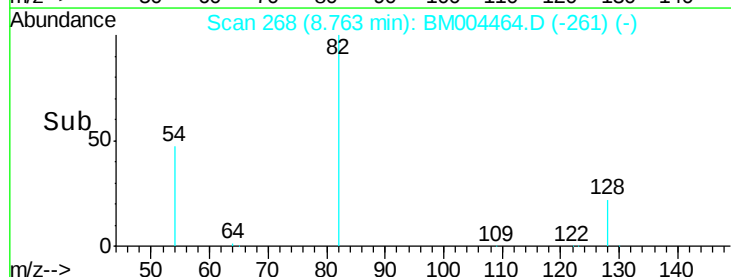
54 47.8 25.2 37.8#



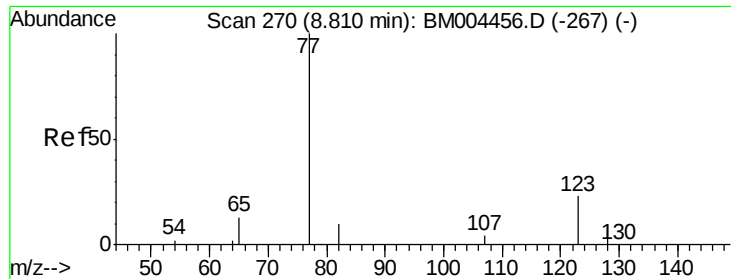
Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



Time-->



#9

Nitrobenzene

Concen: 3.69 ng

RT: 8.81 min Scan# 270

Delta R.T. 0.00 min

Lab File: BM004464.D

Acq: 29 Feb 2016 00:33

Instrument :

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ClientSampleId :

PB88423BS

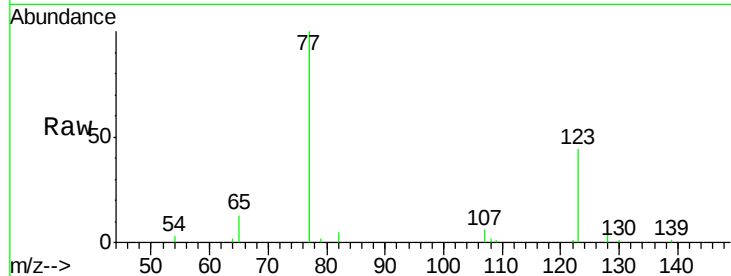
Tot Ion: 77 Resp: 10753

Ion Ratio Lower Upper

77 100

123 53.1 0.0 0.0#

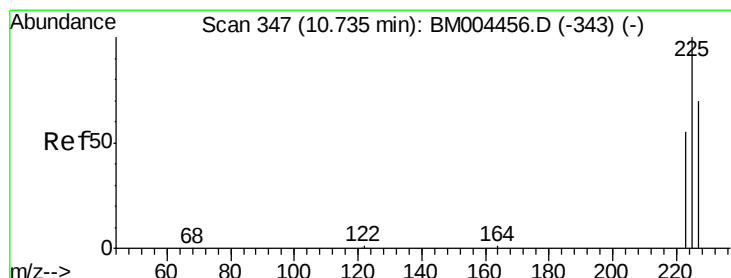
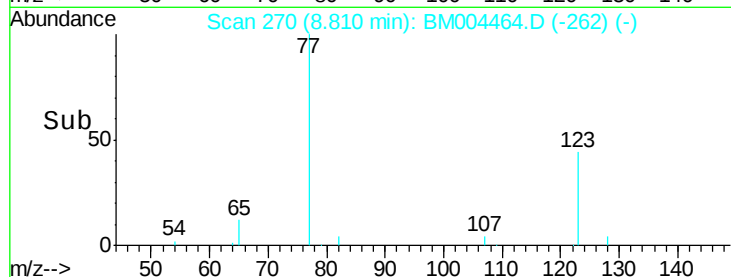
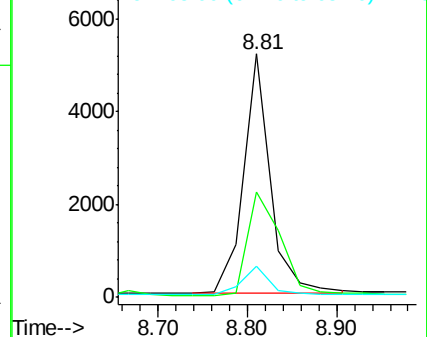
65 12.4 10.1 15.1



Abundance Ion 77.00 (76.70 to 77.70): BM004464.D (-267) (-)

Ion 123.00 (122.70 to 123.70): BM004464.D (-267) (-)

Ion 65.00 (64.70 to 65.70): BM004464.D (-267) (-)



#10

Hexachlorobutadiene

Concen: 3.32 ng

RT: 10.74 min Scan# 347

Delta R.T. 0.00 min

Lab File: BM004464.D

Acq: 29 Feb 2016 00:33

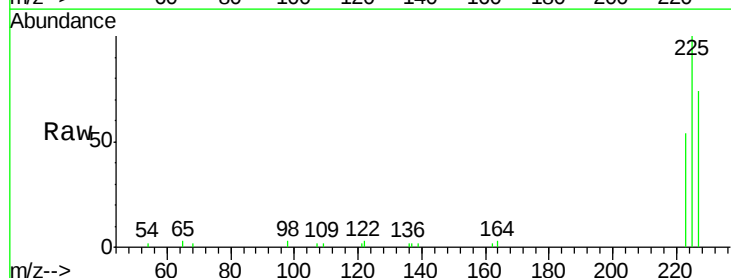
Tgt Ion: 225 Resp: 6455

Ion Ratio Lower Upper

225 100

223 61.0 48.4 72.6

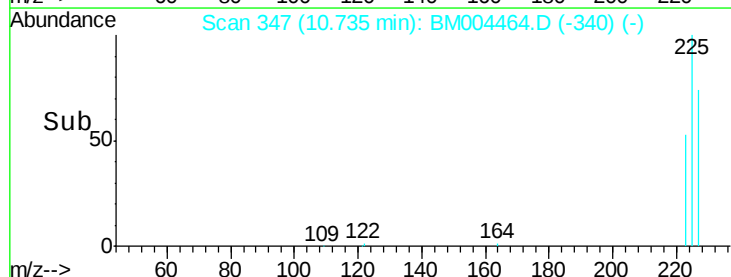
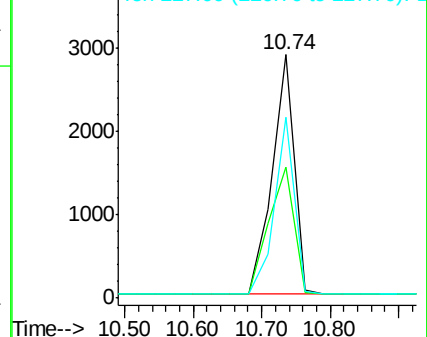
227 66.8 52.8 79.2

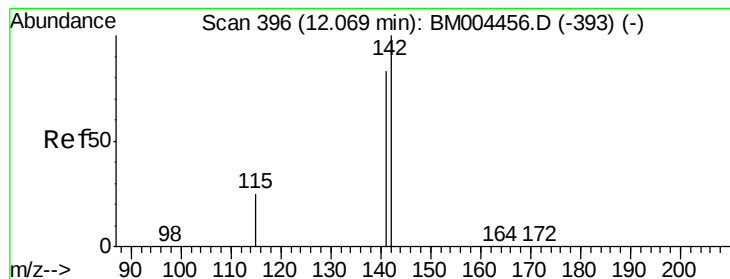


Abundance Ion 225.00 (224.70 to 225.70): BM004464.D (-343) (-)

Ion 223.00 (222.70 to 223.70): BM004464.D (-343) (-)

Ion 227.00 (226.70 to 227.70): BM004464.D (-343) (-)





#11

2-Methylnaphthalene

Concen: 3.70 ng

RT: 12.07 min Scan# 396

Delta R.T. 0.00 min

Lab File: BM004464.D

Acq: 29 Feb 2016 00:33

Instrument :

BNA_M

ClientSampleId :

PB88423BS

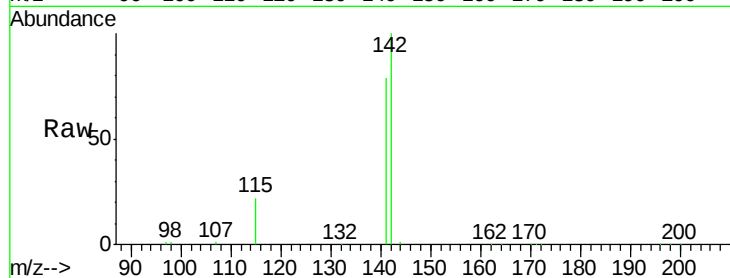
Tot Ion:142 Resp: 26798

Ion Ratio Lower Upper

142 100

141 79.1 66.4 99.6

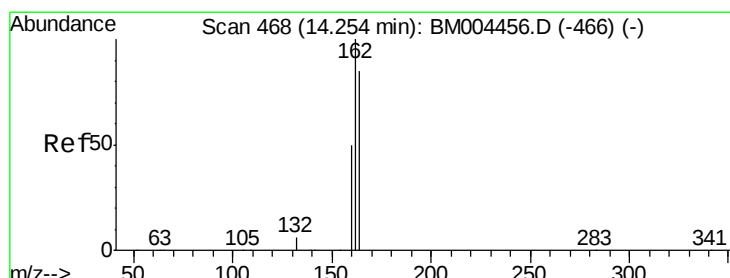
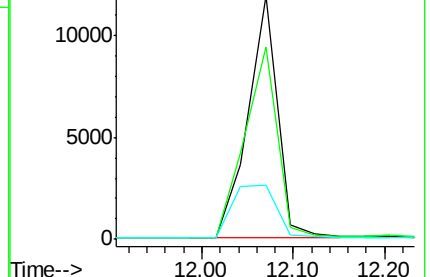
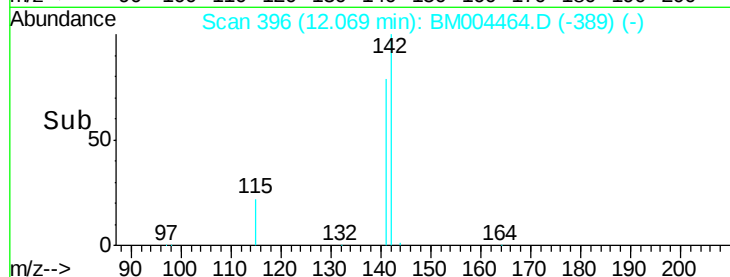
115 22.2 21.6 32.4



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: 14.25 min Scan# 468

Delta R.T. 0.00 min

Lab File: BM004464.D

Acq: 29 Feb 2016 00:33

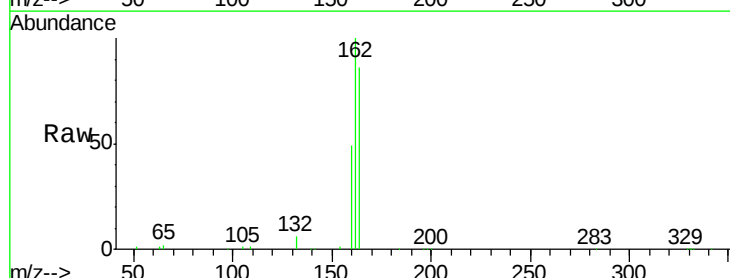
Tgt Ion:164 Resp: 33392

Ion Ratio Lower Upper

164 100

162 116.1 94.6 141.8

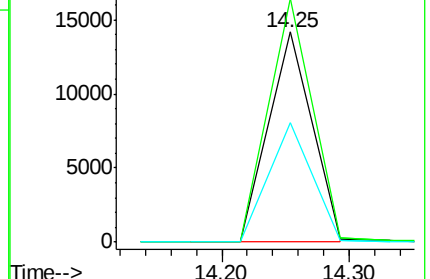
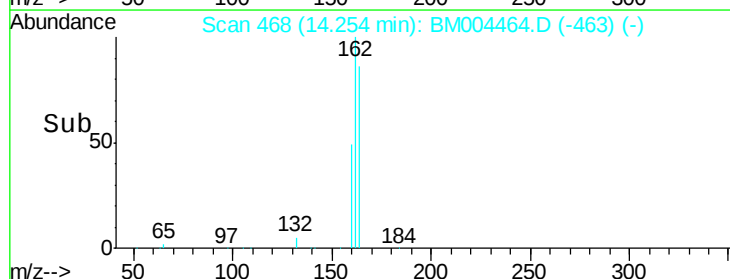
160 56.9 47.0 70.4

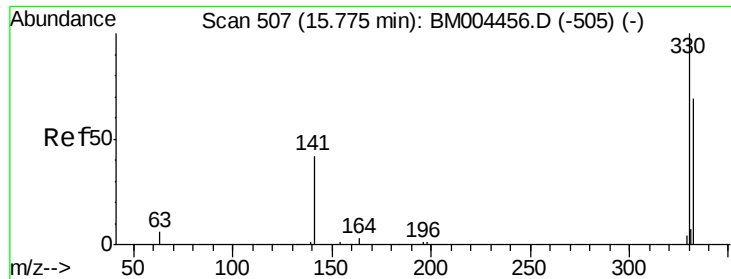


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

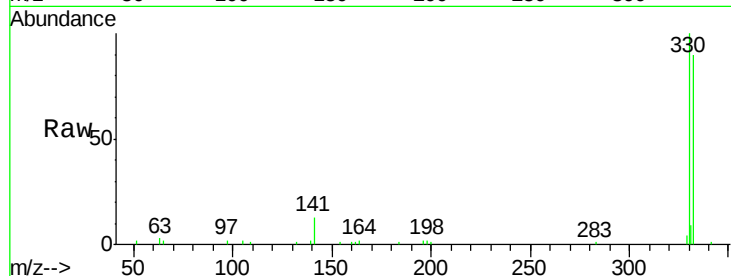




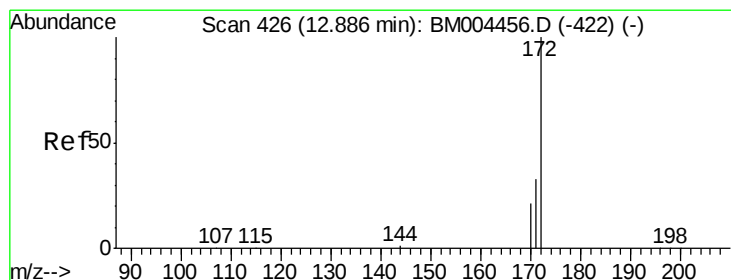
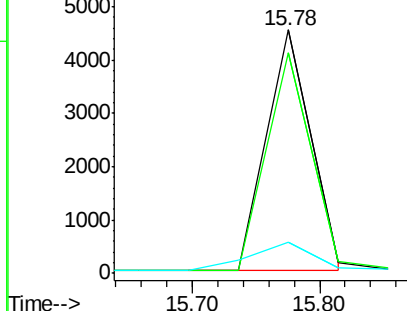
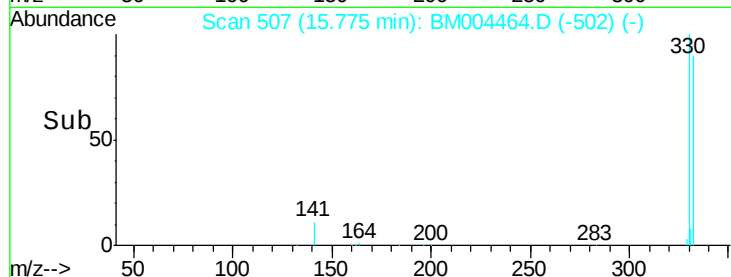
#13
 2,4,6-Tribromophenol
 Concen: 6.43 ng
 RT: 15.78 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BM004464.D
 Acq: 29 Feb 2016 00:33

Instrument :
 BNA_M
 ClientSampleId :
 PB88423BS

Tot Ion:330 Resp: 10918
 Ion Ratio Lower Upper
 330 100
 332 91.0 59.2 88.8#
 141 15.7 33.0 49.4#

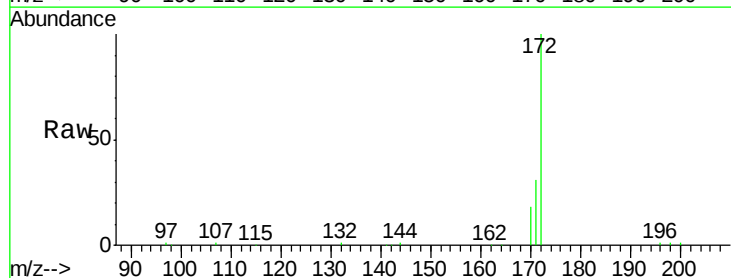


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

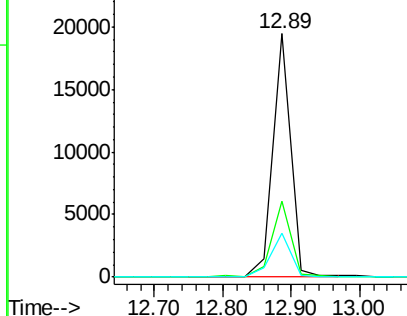
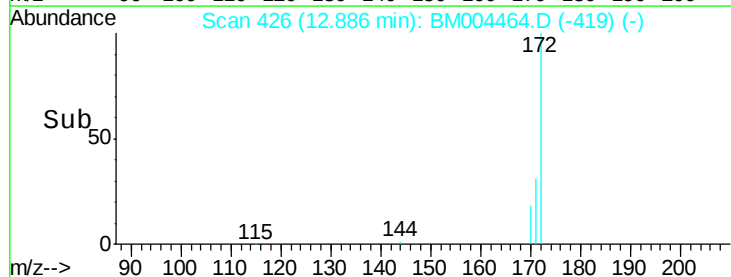


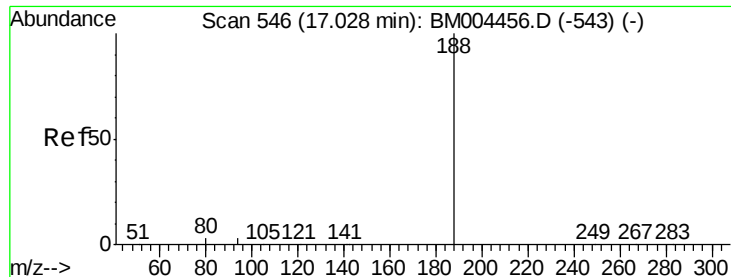
#14
 2-Fluorobiphenyl
 Concen: 3.47 ng
 RT: 12.89 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BM004464.D
 Acq: 29 Feb 2016 00:33

Tgt Ion:172 Resp: 35310
 Ion Ratio Lower Upper
 172 100
 171 31.3 27.2 40.8
 170 18.3 17.4 26.0



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

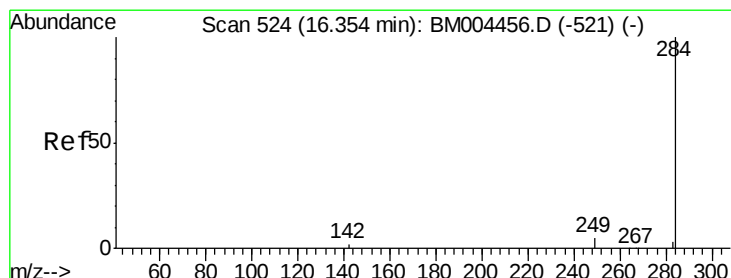
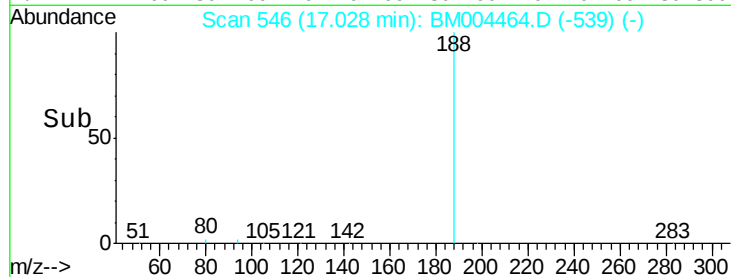
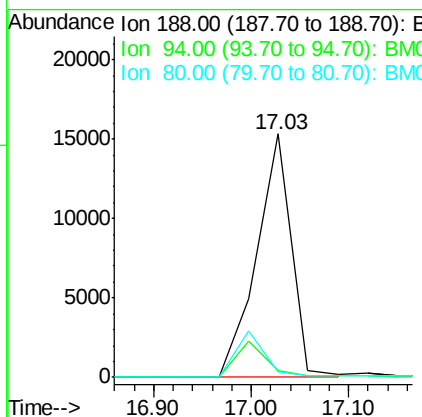
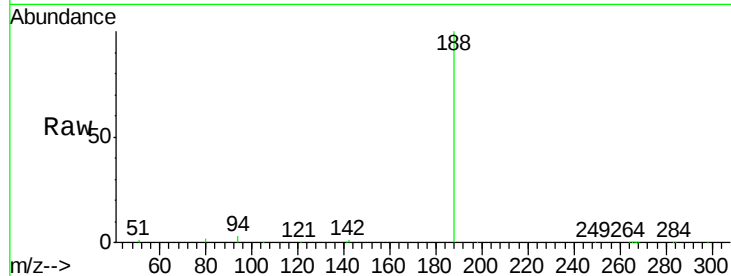




#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.03 min Scan# 546
Delta R.T. 0.00 min
Lab File: BM004464.D
Acq: 29 Feb 2016 00:33

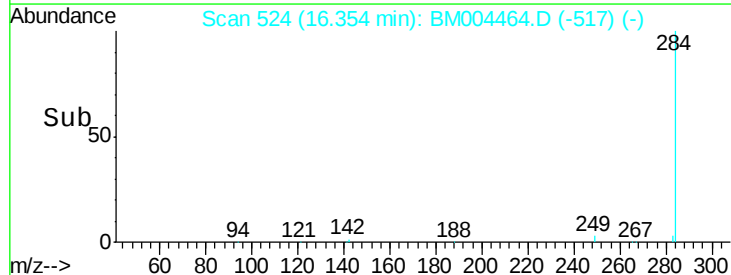
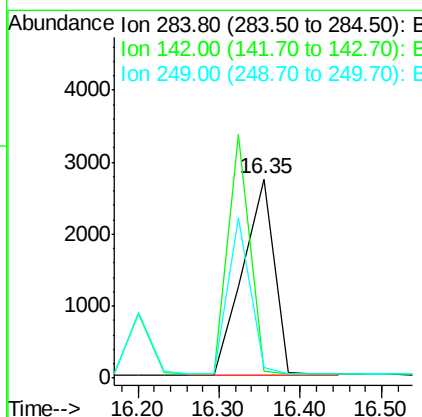
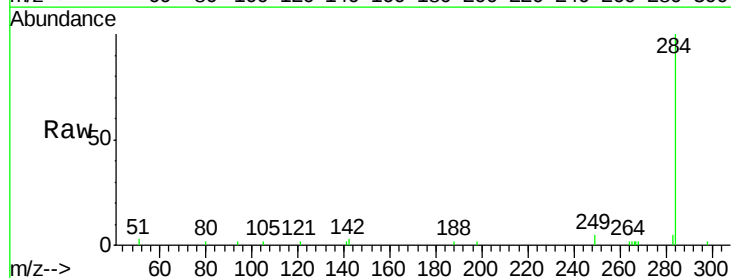
Instrument :
BNA_M
ClientSampleId :
PB88423BS

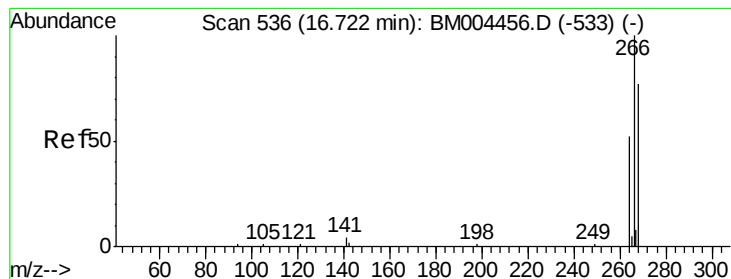
Tot Ion:188 Resp: 38061
Ion Ratio Lower Upper
188 100
94 2.9 2.7 4.1
80 2.4 2.2 3.4



#16
Hexachlorobenzene
Concen: 4.06 ng
RT: 16.35 min Scan# 524
Delta R.T. 0.00 min
Lab File: BM004464.D
Acq: 29 Feb 2016 00:33

Tgt Ion:284 Resp: 7299
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0





#17

Pentachlorophenol

Concen: 6.51 ng

RT: 16.69 min Scan# 535

Delta R.T. -0.03 min

Lab File: BM004464.D

Acq: 29 Feb 2016 00:33

Instrument :

BNA_M

ClientSampleId :

PB88423BS

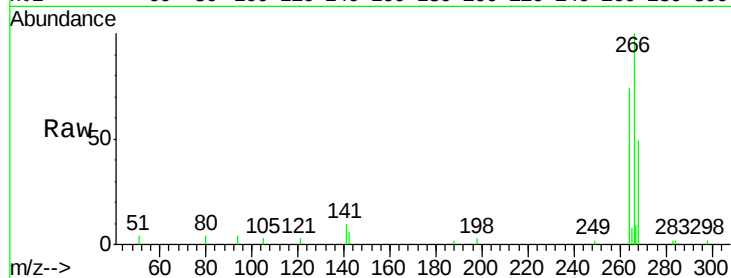
Tot Ion:266 Resp: 6486

Ion Ratio Lower Upper

266 100

268 49.4 66.8 100.2#

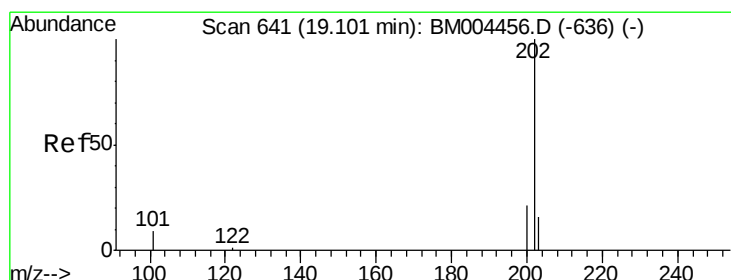
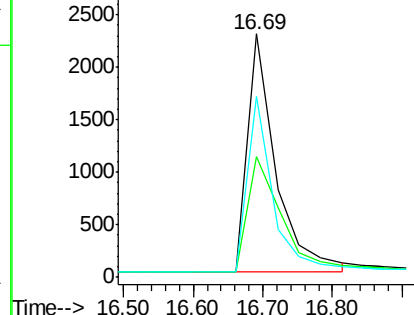
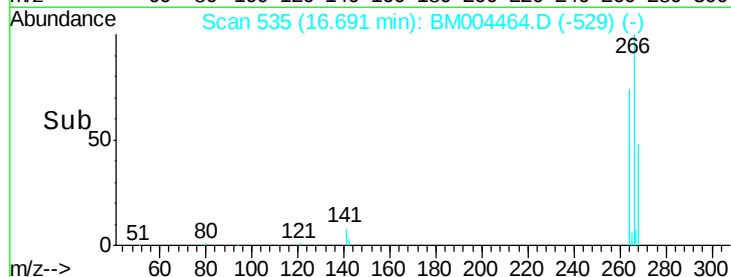
264 74.2 49.4 74.0#



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



#18

Fluoranthene

Concen: 4.28 ng

RT: 19.10 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM004464.D

Acq: 29 Feb 2016 00:33

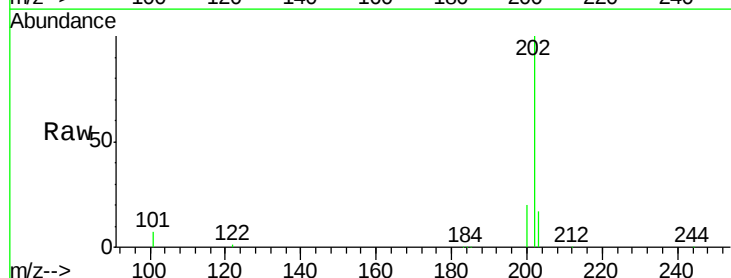
Tgt Ion:202 Resp: 64458

Ion Ratio Lower Upper

202 100

101 11.9 9.4 14.0

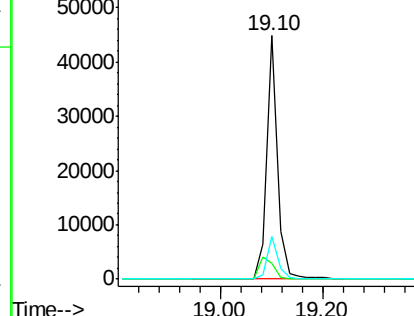
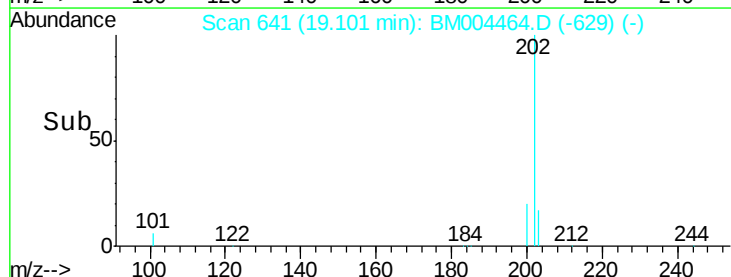
203 17.6 13.9 20.9

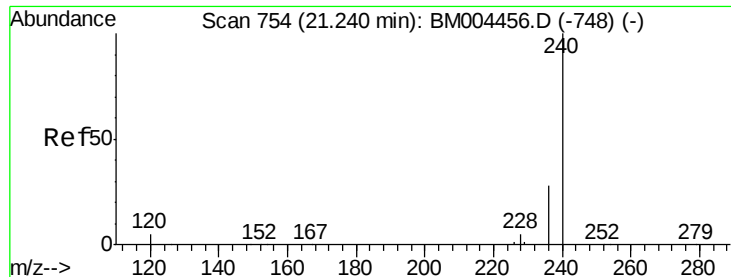


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

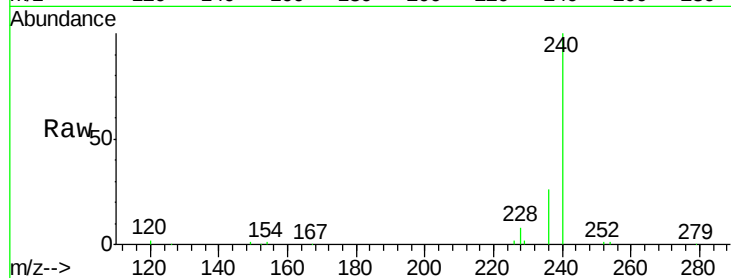




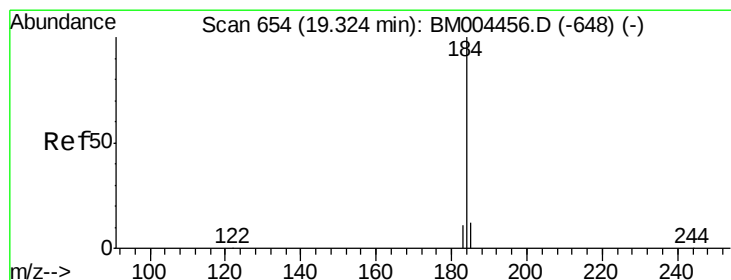
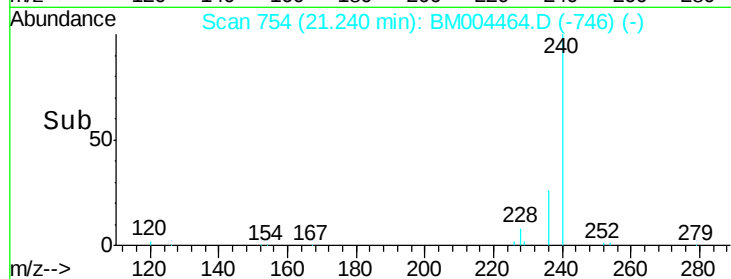
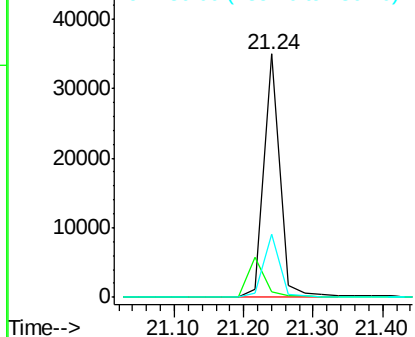
#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.24 min Scan# 754
Delta R.T. 0.00 min
Lab File: BM004464.D
Acq: 29 Feb 2016 00:33

Instrument :
BNA_M
ClientSampleId :
PB88423BS

Tot Ion:240 Resp: 55703
Ion Ratio Lower Upper
240 100
120 2.3 4.0 6.0#
236 25.8 22.7 34.1

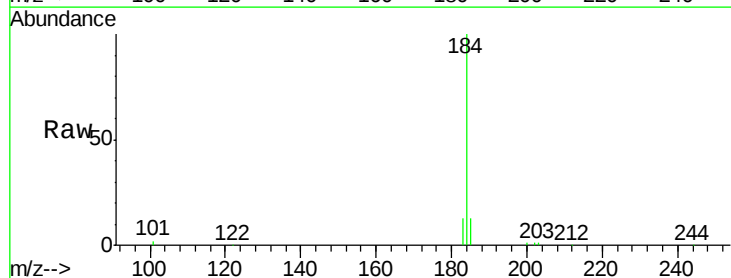


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

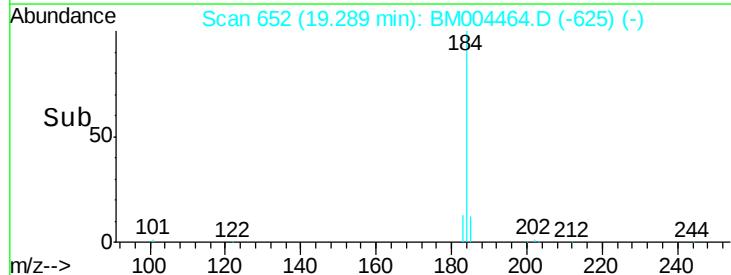
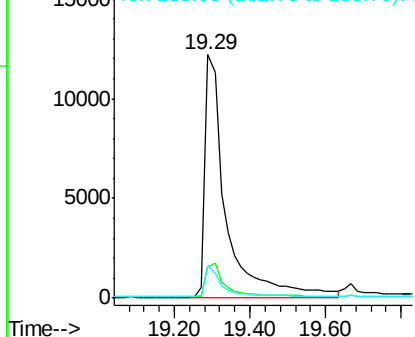


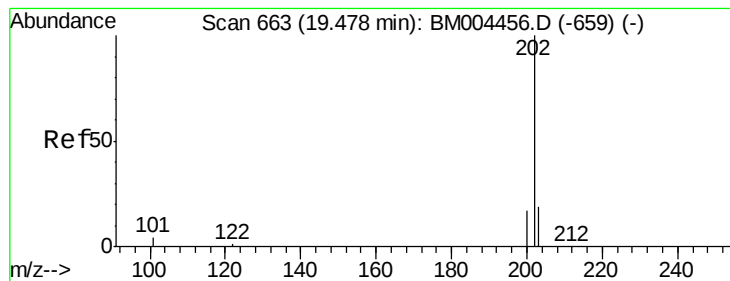
#20
Benzidine
Concen: 8.96 ng
RT: 19.29 min Scan# 652
Delta R.T. -0.03 min
Lab File: BM004464.D
Acq: 29 Feb 2016 00:33

Tgt Ion:184 Resp: 45727
Ion Ratio Lower Upper
184 100
185 12.8 20.8 31.2#
183 13.1 18.5 27.7#



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





#21

Pvrene

Concen: 4.06 ng

RT: 19.46 min Scan# 662

Delta R.T. -0.02 min

Lab File: BM004464.D

Acq: 29 Feb 2016 00:33

Instrument :

BNA_M

ClientSampleId :

PB88423BS

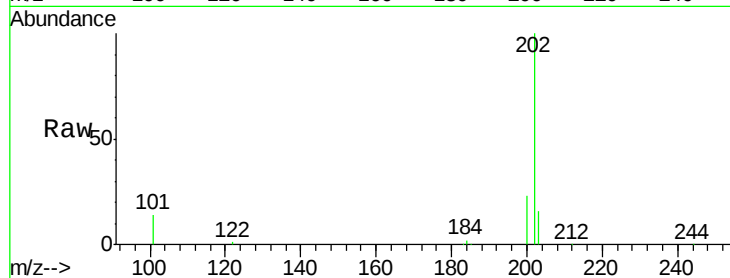
Tot Ion:202 Resp: 67332

Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

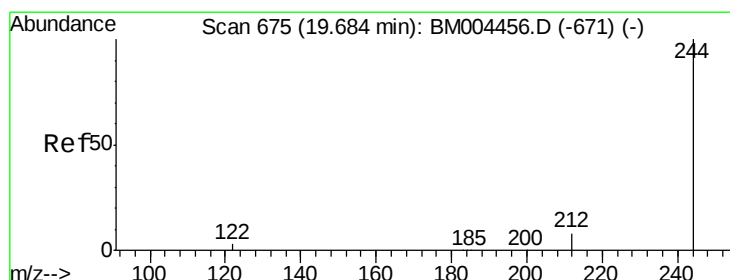
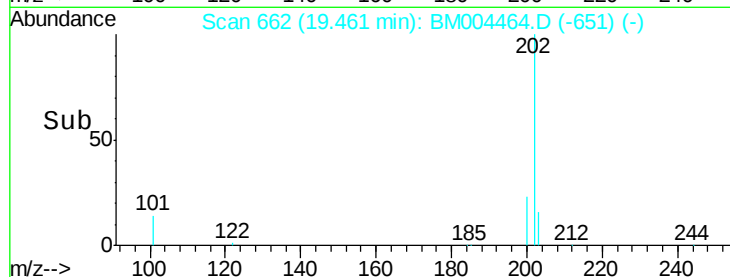
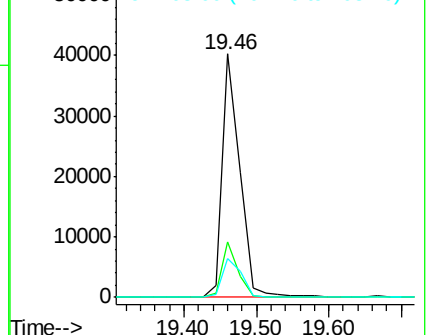
203 17.8 13.9 20.9



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



#22

Terphenyl-d14

Concen: 3.96 ng

RT: 19.67 min Scan# 674

Delta R.T. -0.02 min

Lab File: BM004464.D

Acq: 29 Feb 2016 00:33

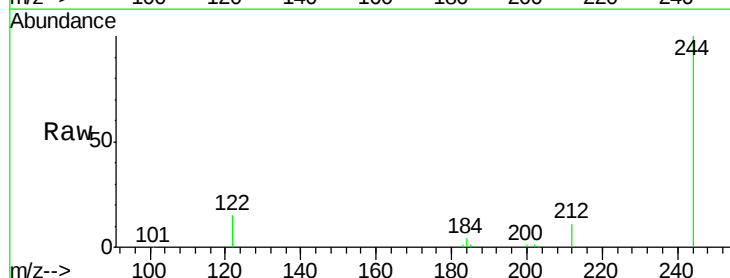
Tgt Ion:244 Resp: 28115

Ion Ratio Lower Upper

244 100

212 11.0 7.4 11.2

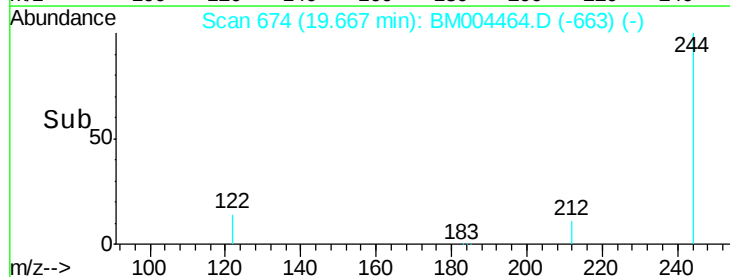
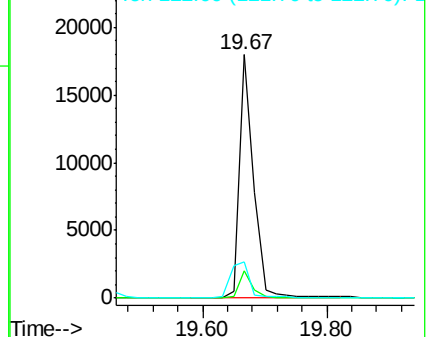
122 14.9 4.2 6.2#

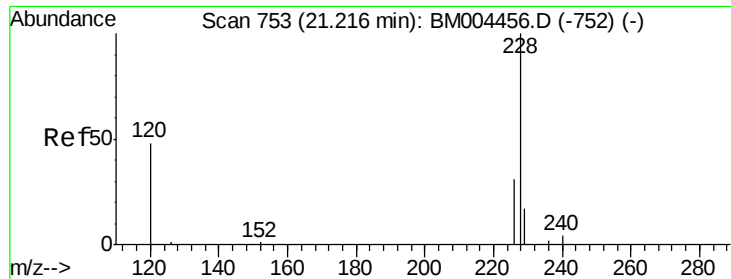


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

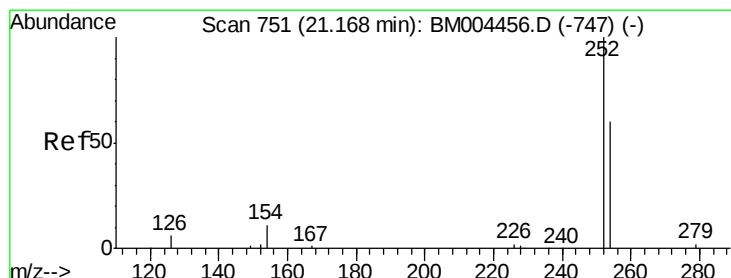
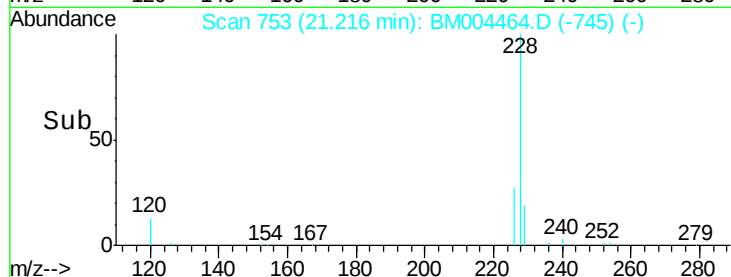
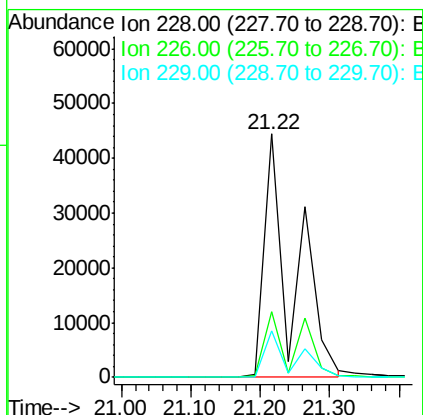
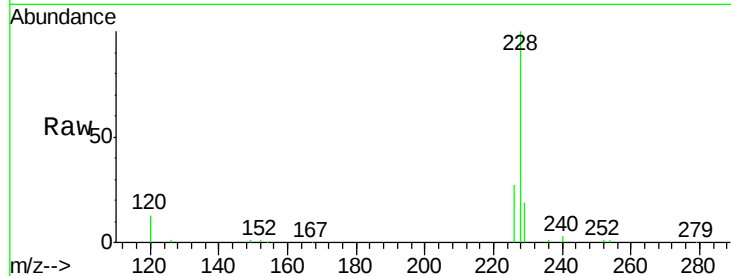




#23
Benzo(a)anthracene
Concen: 7.81 ng
RT: 21.22 min Scan# 753
Delta R.T. 0.00 min
Lab File: BM004464.D
Acq: 29 Feb 2016 00:33

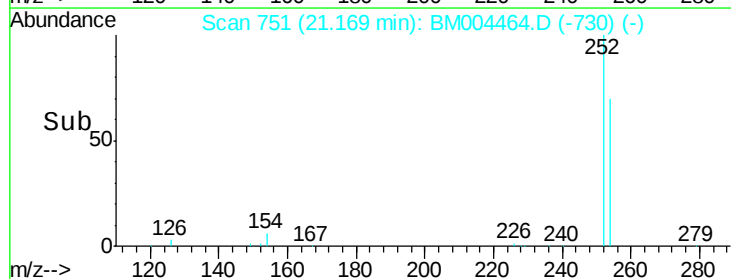
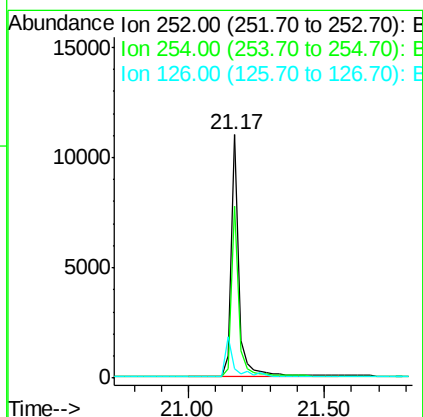
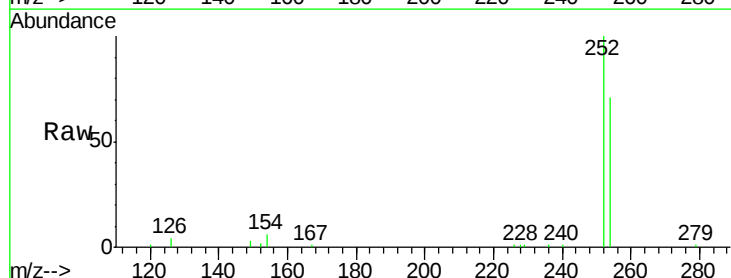
Instrument :
BNA_M
ClientSampleId :
PB88423BS

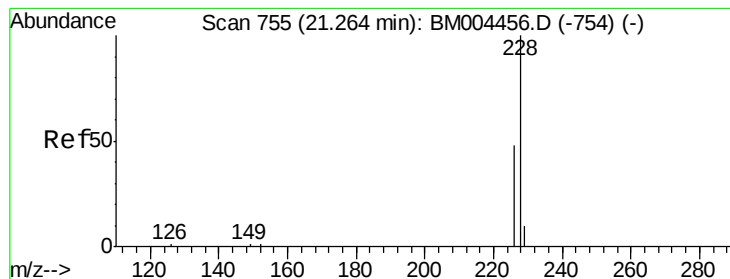
Tot Ion:228 Resp: 124243
Ion Ratio Lower Upper
228 100
226 27.0 25.1 37.7
229 19.0 14.2 21.4



#24
3,3'-Dichlorobenzidine
Concen: 4.14 ng
RT: 21.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: BM004464.D
Acq: 29 Feb 2016 00:33

Tgt Ion:252 Resp: 22561
Ion Ratio Lower Upper
252 100
254 70.6 48.7 73.1
126 3.9 8.2 12.2#





#25

Chrysene

Concen: 10.17 ng

RT: 21.22 min Scan# 753

Delta R.T. -0.05 min

Lab File: BM004464.D

Acq: 29 Feb 2016 00:33

Instrument :

BNA_M

ClientSampleId :

PB88423BS

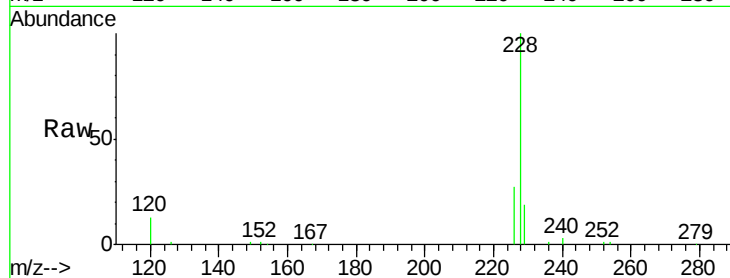
Tot Ion:228 Resp: 125753

Ion Ratio Lower Upper

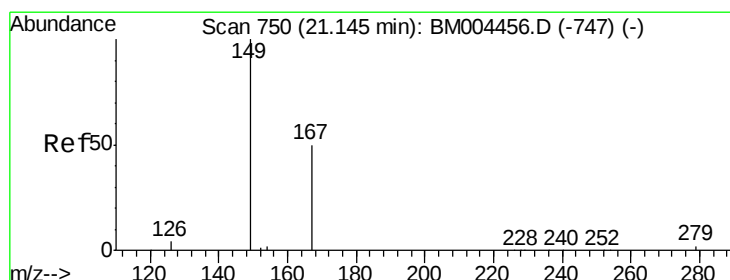
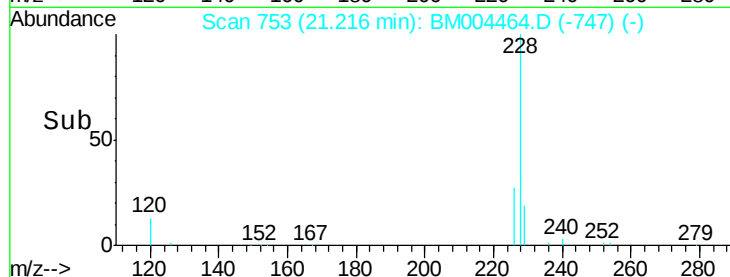
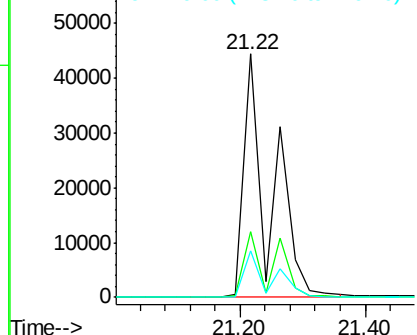
228 100

226 27.0 31.0 46.6#

229 19.0 13.4 20.2



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



#26

Bis(2-ethylhexyl)phthalate

Concen: 3.72 ng

RT: 21.12 min Scan# 749

Delta R.T. -0.02 min

Lab File: BM004464.D

Acq: 29 Feb 2016 00:33

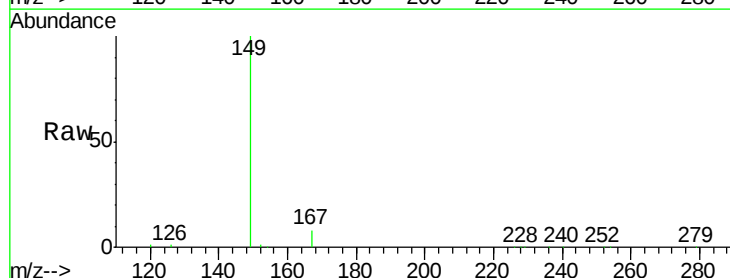
Tgt Ion:149 Resp: 30398

Ion Ratio Lower Upper

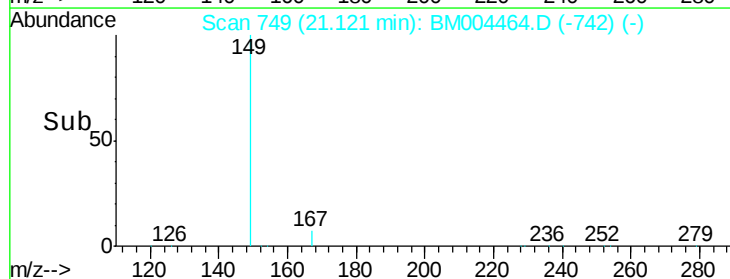
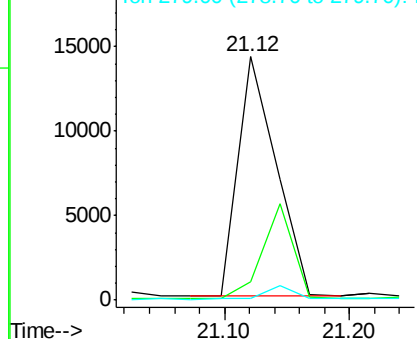
149 100

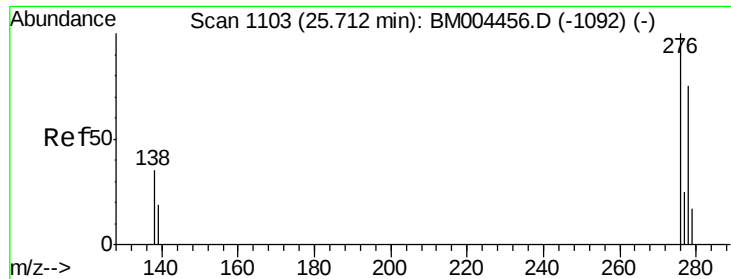
167 0.0 33.1 49.7#

279 0.0 2.0 3.0#



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

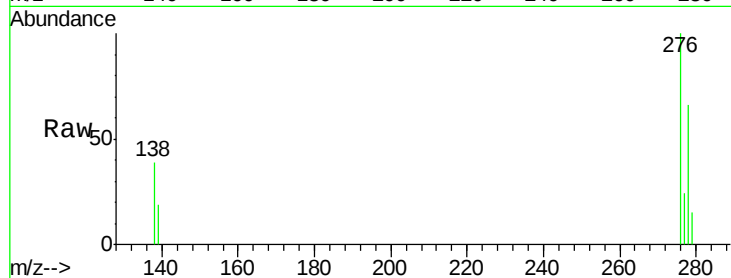




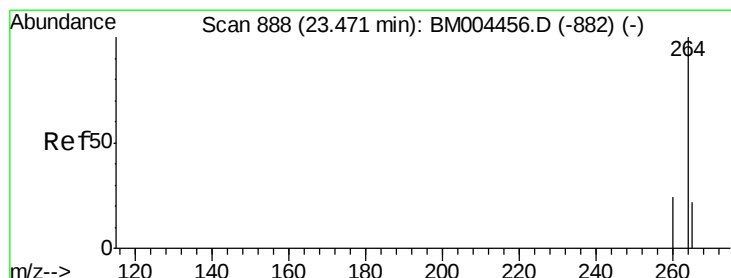
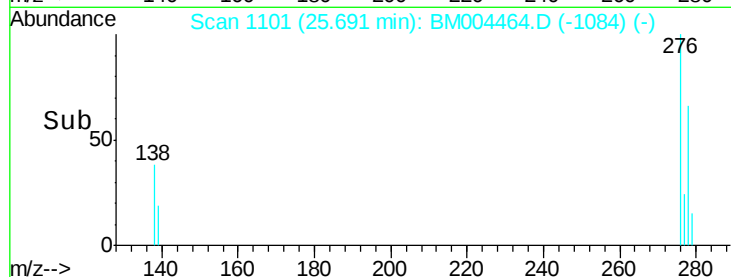
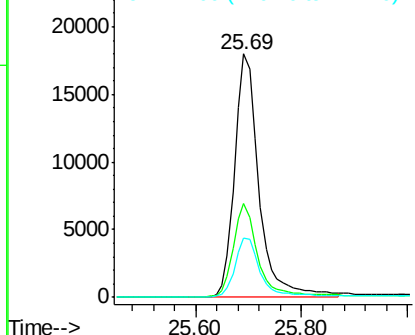
#27
Indeno(1,2,3-cd)pyrene
Concen: 3.94 ng
RT: 25.69 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BM004464.D
Acq: 29 Feb 2016 00:33

Instrument :
BNA_M
ClientSampleId :
PB88423BS

Tot Ion:276 Resp: 57124
Ion Ratio Lower Upper
276 100
138 38.1 30.0 45.0
277 24.8 19.8 29.8

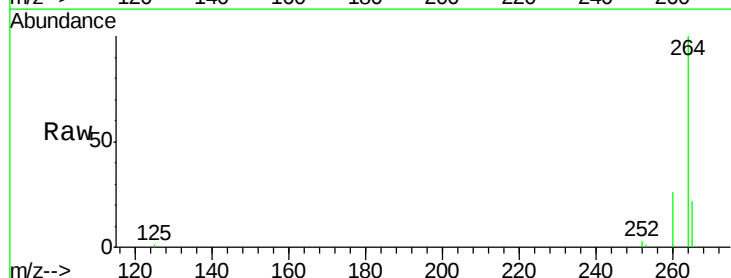


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

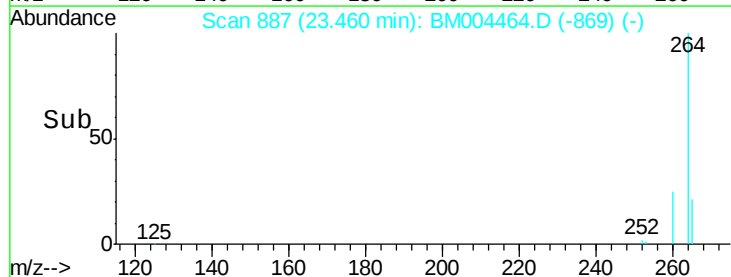
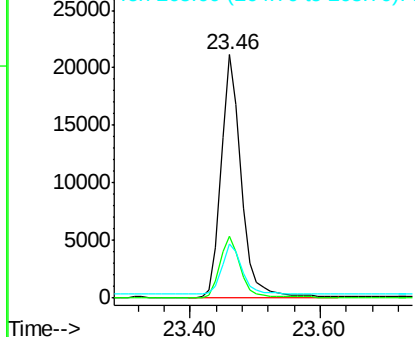


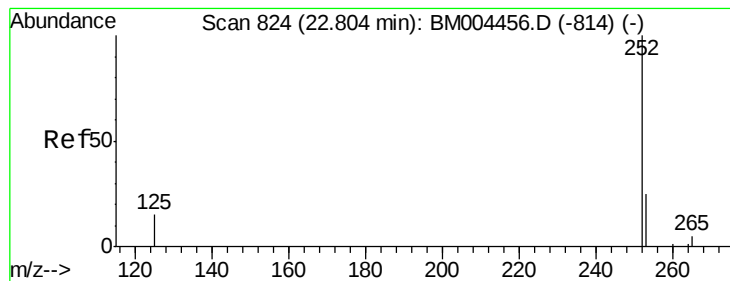
#28
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 887
Delta R.T. -0.01 min
Lab File: BM004464.D
Acq: 29 Feb 2016 00:33

Tgt Ion:264 Resp: 45107
Ion Ratio Lower Upper
264 100
260 25.6 19.4 29.2
265 22.4 18.9 28.3



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





#29

Benzo(b)fluoranthene

Concen: 3.69 ng

RT: 22.79 min Scan# 823

Delta R.T. -0.01 min

Lab File: BM004464.D

Acq: 29 Feb 2016 00:33

Instrument :

BNA_M

ClientSampleId :

PB88423BS

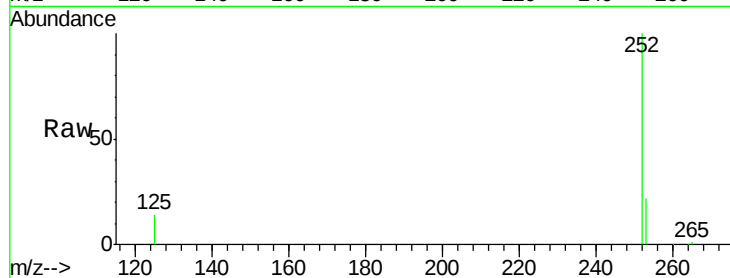
Tot Ion:252 Resp: 62839

Ion Ratio Lower Upper

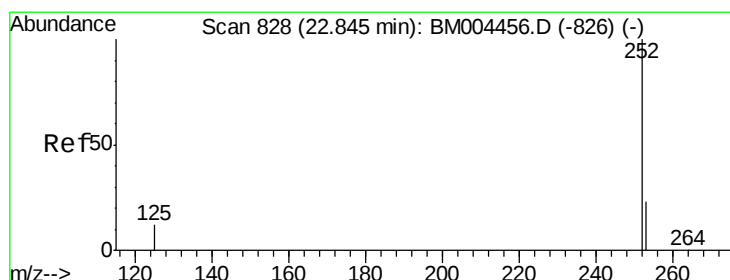
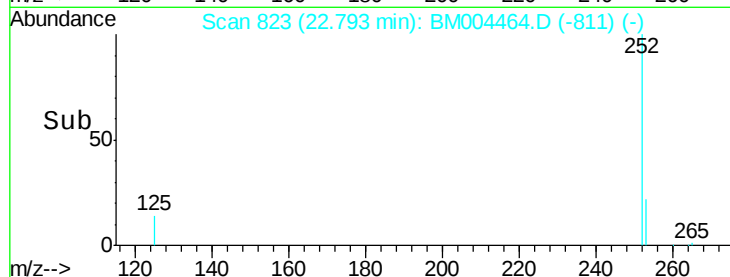
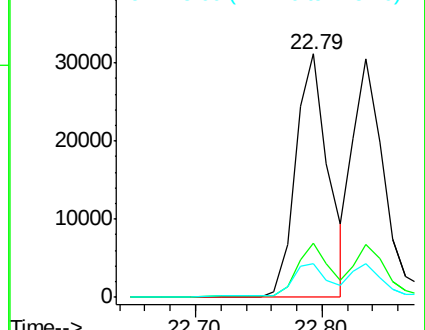
252 100

253 22.4 19.8 29.6

125 13.8 12.2 18.2



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



#30

Benzo(k)fluoranthene

Concen: 3.62 ng

RT: 22.83 min Scan# 827

Delta R.T. -0.01 min

Lab File: BM004464.D

Acq: 29 Feb 2016 00:33

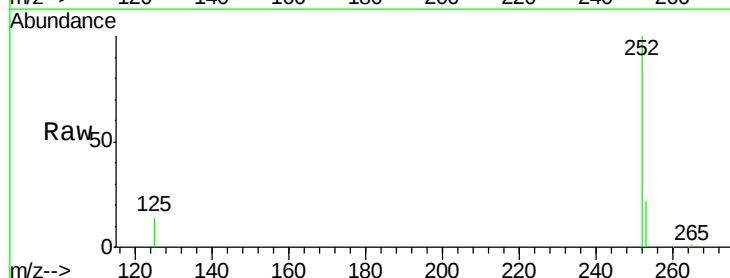
Tgt Ion:252 Resp: 53084

Ion Ratio Lower Upper

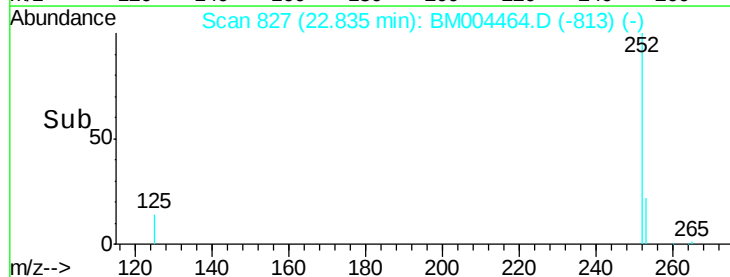
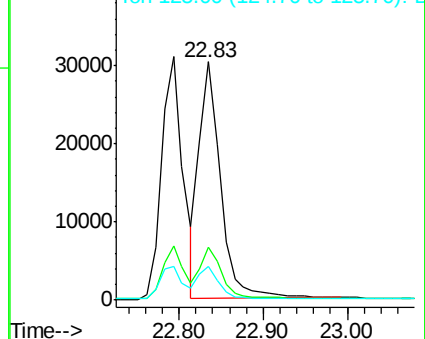
252 100

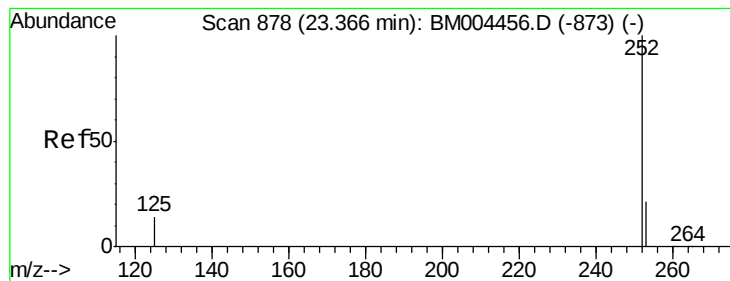
253 22.0 19.3 28.9

125 14.0 12.4 18.6



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





#31

Benzo(a)pyrene

Concen: 3.99 ng

RT: 23.36 min Scan# 877

Delta R.T. -0.01 min

Lab File: BM004464.D

Acq: 29 Feb 2016 00:33

Instrument :

BNA_M

ClientSampleId :

PB88423BS

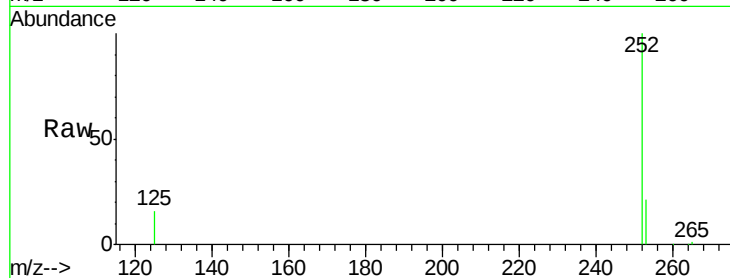
Tot Ion:252 Resp: 52733

Ion Ratio Lower Upper

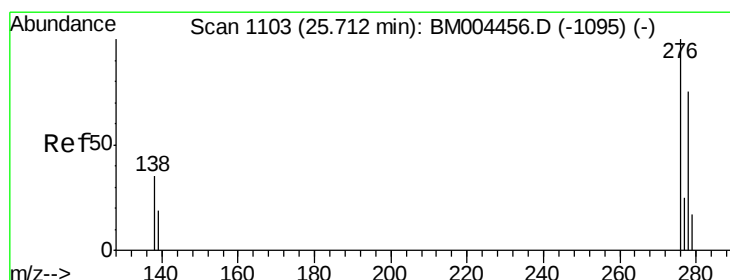
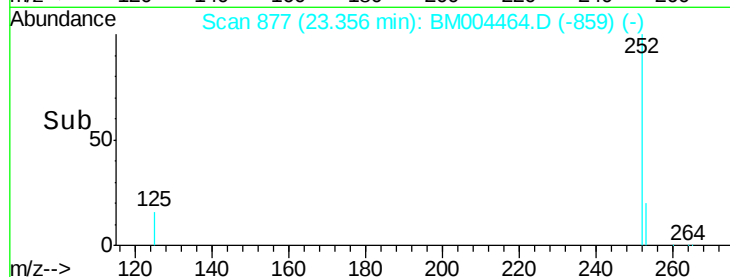
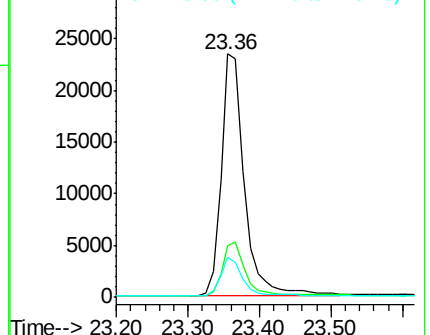
252 100

253 21.1 19.3 28.9

125 16.4 14.4 21.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#32

Dibenzo(a,h)anthracene

Concen: 3.79 ng

RT: 25.70 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BM004464.D

Acq: 29 Feb 2016 00:33

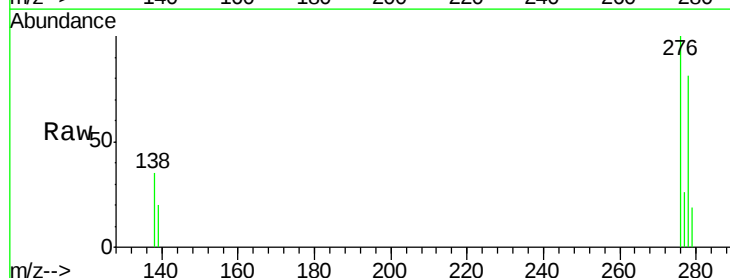
Tgt Ion:278 Resp: 44767

Ion Ratio Lower Upper

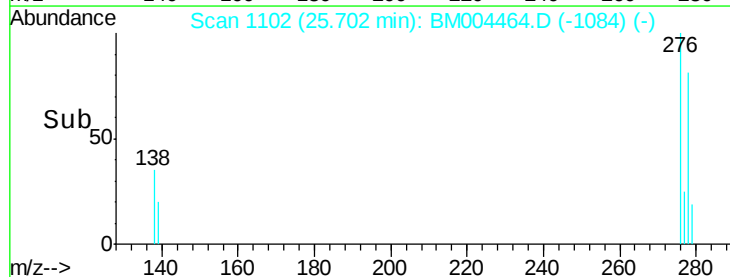
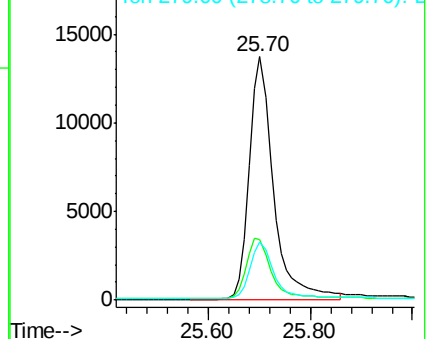
278 100

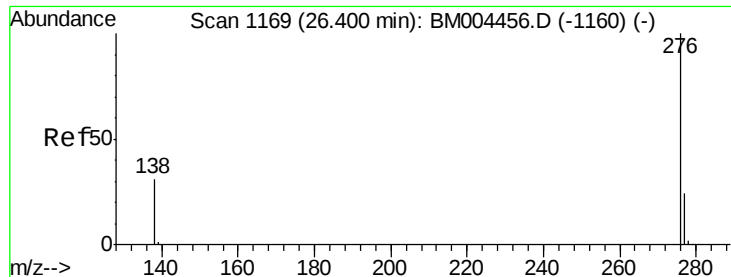
139 24.7 22.3 33.5

279 23.9 20.7 31.1



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





#33

Benzo(a,h,i)perylene

Concen: 3.76 ng

RT: 26.38 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BM004464.D

Acq: 29 Feb 2016 00:33

Instrument :

BNA_M

ClientSampleId :

PB88423BS

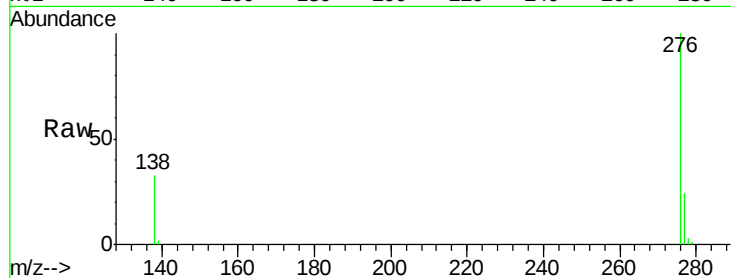
Tot Ion: 276 Resp: 48726

Ion Ratio Lower Upper

276 100

277 23.6 20.4 30.6

138 33.2 26.4 39.6



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

