

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022816\
 Data File : BM004452.D
 Acq On : 28 Feb 2016 16:05
 Operator : SJ/UM
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

Quant Time: Feb 29 03:17:47 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 02:56:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	13559	5.00	ng	0.00
7) Naphthalene-d8	10.38	136	46466	5.00	ng	0.00
12) Acenaphthene-d10	14.25	164	27825	5.00	ng	0.00
15) Phenanthrene-d10	17.03	188	43094	5.00	ng	0.00
19) Chrysene-d12	21.24	240	58717	5.00	ng	0.00
28) Perylene-d12	23.46	264	44310	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	315	0.11	ng	0.00
5) Phenol-d6	6.83	99	332	0.10	ng	0.00
8) Nitrobenzene-d5	8.79	82	245	0.12	ng	0.00
13) 2,4,6-Tribromophenol	15.78	330	87	0.10	ng	0.00
14) 2-Fluorobiphenyl	12.89	172	890	0.10	ng	0.00
22) Terphenyl-d14	19.68	244	765	0.10	ng	0.00

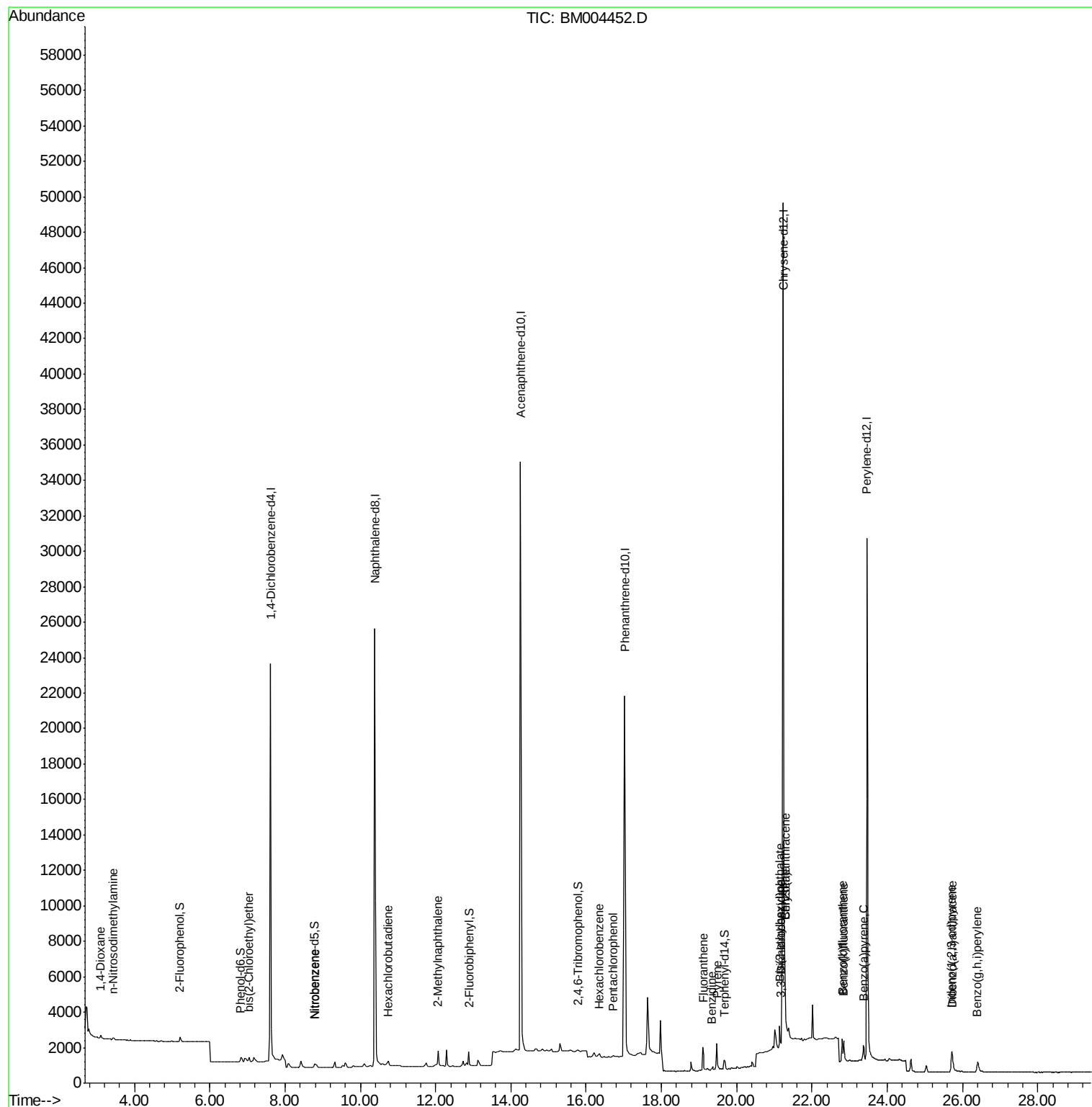
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	199	0.14	ng	# 69
3) n-Nitrosodimethylamine	3.43	42	119	0.10	ng	# 79
6) bis(2-Chloroethyl)ether	7.04	93	299	0.10	ng	# 96
9) Nitrobenzene	8.81	77	273	0.11	ng	# 99
10) Hexachlorobutadiene	10.74	225	193	0.11	ng	# 95
11) 2-Methylnaphthalene	12.07	142	768	0.11	ng	# 87
16) Hexachlorobenzene	16.35	284	274	0.18	ng	# 100
17) Pentachlorophenol	16.72	266	125	0.31	ng	# 88
18) Fluoranthene	19.10	202	1741	0.14	ng	# 99
20) Benzidine	19.34	184	216	0.08	ng	# 1
21) Pyrene	19.48	202	1810	0.11	ng	# 95
23) Benzo(a)anthracene	21.29	228	8164	0.47	ng	# 90
24) 3,3'-Dichlorobenzidine	21.17	252	527	0.12	ng	# 75
25) Chrysene	21.29	228	8634	0.53	ng	# 82
26) Bis(2-ethylhexyl)phthalate	21.14	149	1434	0.19	ng	# 95
27) Indeno(1,2,3-cd)pyrene	25.71	276	1619	0.10	ng	# 98
29) Benzo(b)fluoranthene	22.80	252	1732	0.12	ng	# 63
30) Benzo(k)fluoranthene	22.85	252	1710	0.14	ng	# 61
31) Benzo(a)pyrene	23.37	252	1301	0.11	ng	# 42
32) Dibenzo(a,h)anthracene	25.72	278	1224	0.11	ng	# 53
33) Benzo(g,h,i)perylene	26.40	276	1406	0.12	ng	# 70

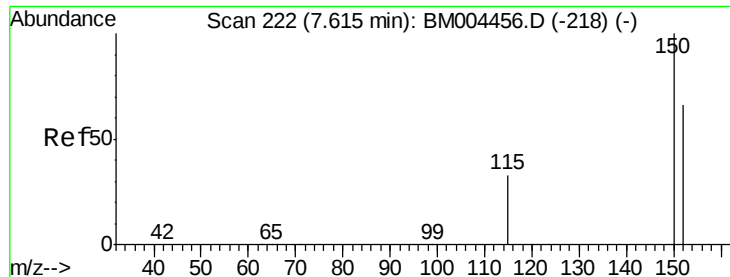
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM004452.D

Acq: 28 Feb 2016 16:05

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

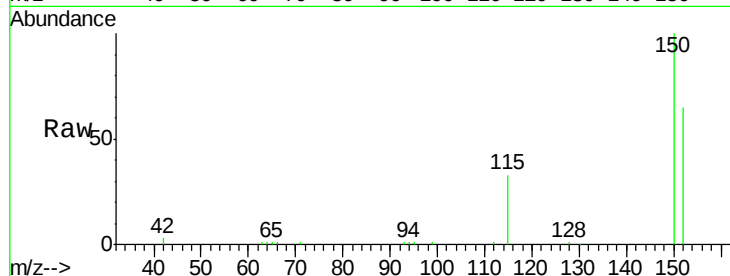
Tgt Ion:152 Resp: 13559

Ion Ratio Lower Upper

152 100

150 154.6 123.9 185.9

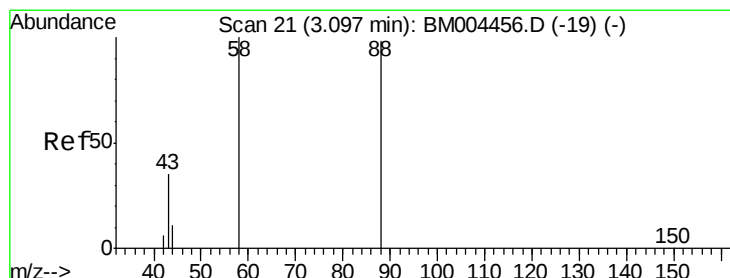
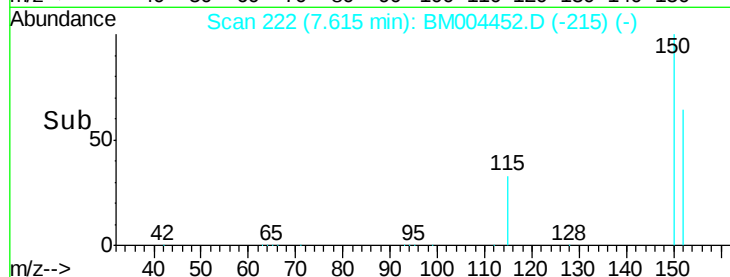
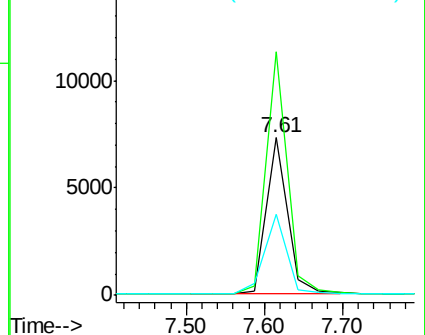
115 51.3 40.6 61.0



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: 0.14 ng

RT: 3.10 min Scan# 21

Delta R.T. 0.00 min

Lab File: BM004452.D

Acq: 28 Feb 2016 16:05

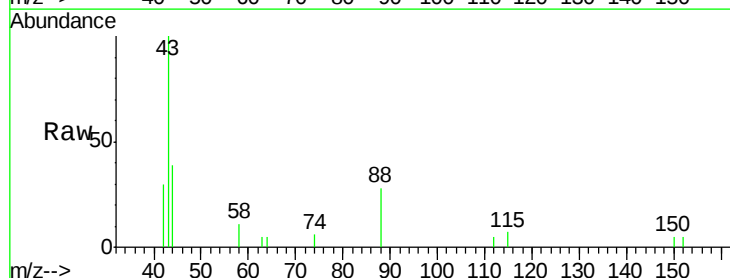
Tgt Ion: 88 Resp: 199

Ion Ratio Lower Upper

88 100

58 45.2 58.5 87.7#

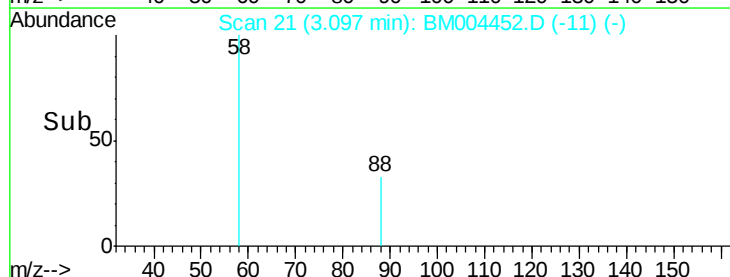
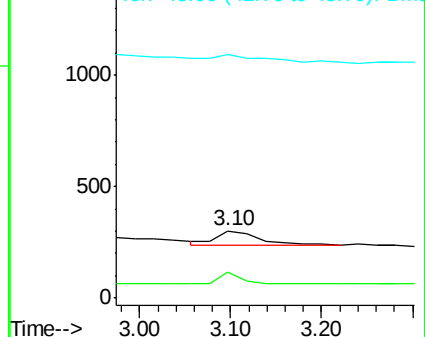
43 40.7 22.2 33.2#

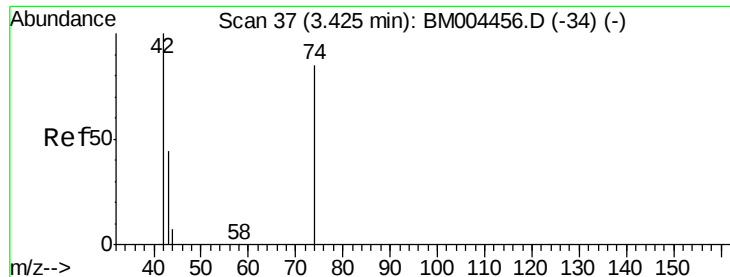


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.10 ng

RT: 3.43 min Scan# 37

Delta R.T. 0.00 min

Lab File: BM004452.D

Acq: 28 Feb 2016 16:05

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

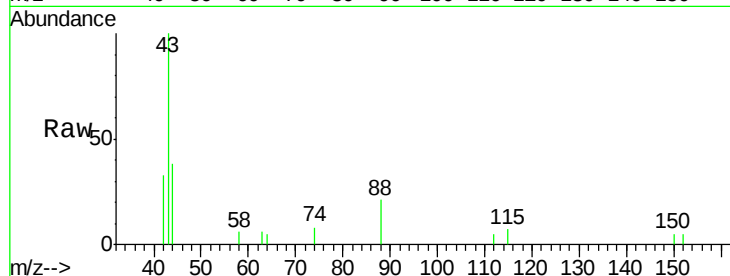
Tgt Ion: 42 Resp: 119

Ion Ratio Lower Upper

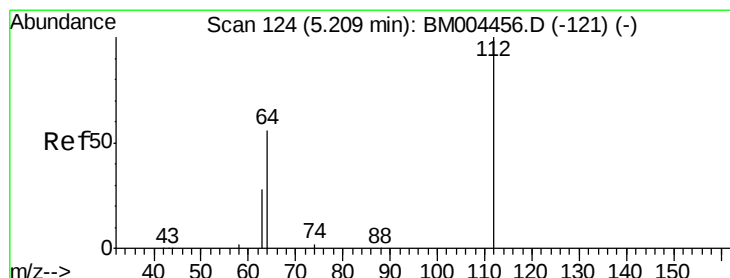
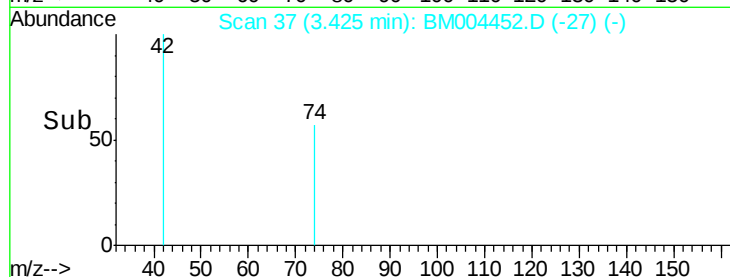
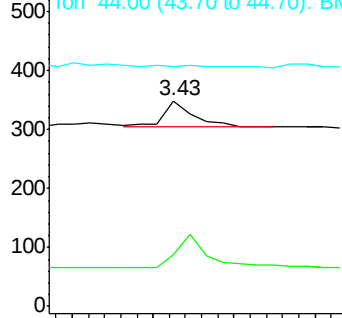
42 100

74 0.0 0.0 0.0

44 0.0 5.8 8.6#



Abundance Ion 42.00 (41.70 to 42.70): BM004452.D (-27) (-)



#4

2-Fluorophenol

Concen: 0.11 ng

RT: 5.21 min Scan# 124

Delta R.T. 0.00 min

Lab File: BM004452.D

Acq: 28 Feb 2016 16:05

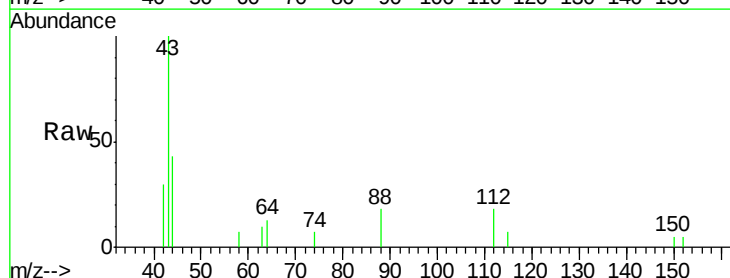
Tgt Ion: 112 Resp: 315

Ion Ratio Lower Upper

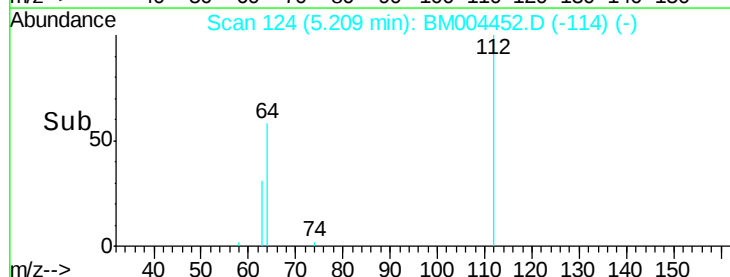
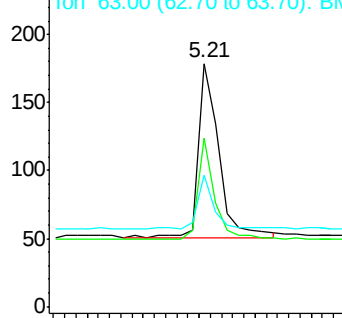
112 100

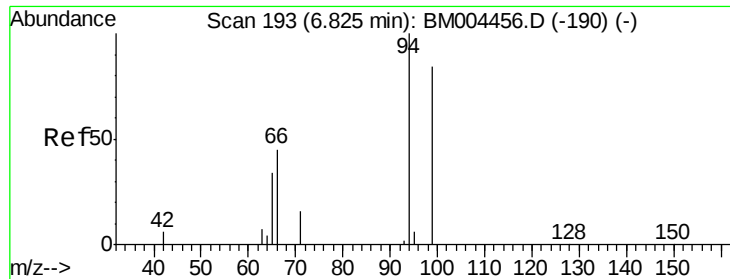
64 45.7 39.4 59.2

63 25.1 19.9 29.9



Abundance Ion 112.00 (111.70 to 112.70): BM004452.D (-114) (-)





#5

Phenol-d6

Concen: 0.10 ng

RT: 6.83 min Scan# 193

Delta R.T. 0.00 min

Lab File: BM004452.D

Acq: 28 Feb 2016 16:05

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

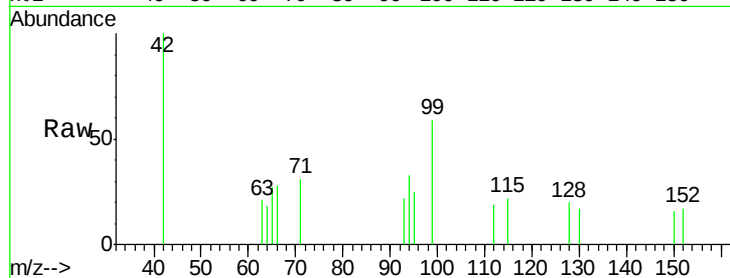
Tgt Ion: 99 Resp: 332

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

71 32.8 0.0 0.0#

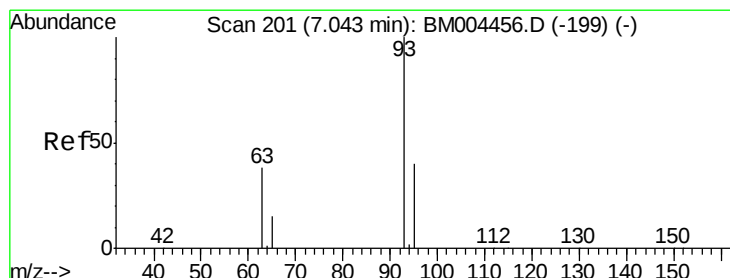
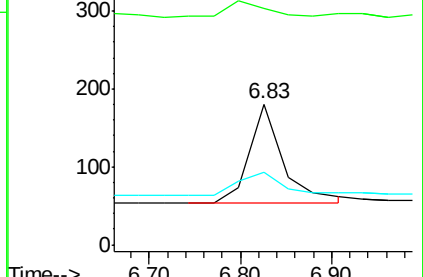
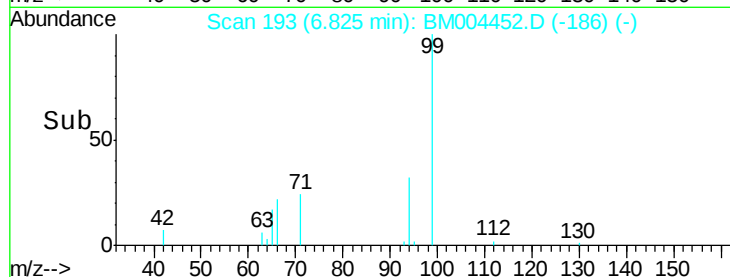


Abundance Ion 99.00 (98.70 to 99.70): BM004456.D (-190) (-)

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

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

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.10 ng

RT: 7.04 min Scan# 201

Delta R.T. 0.00 min

Lab File: BM004452.D

Acq: 28 Feb 2016 16:05

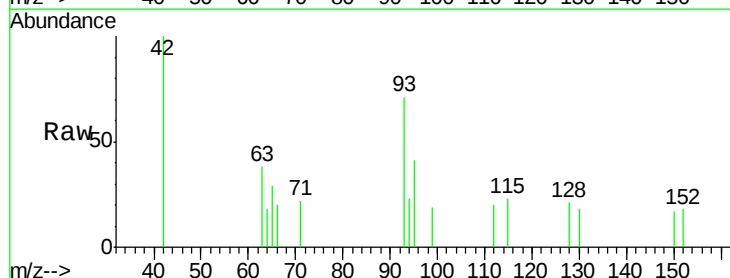
Tgt Ion: 93 Resp: 299

Ion Ratio Lower Upper

93 100

63 62.9 0.0 0.0#

95 36.1 27.1 40.7

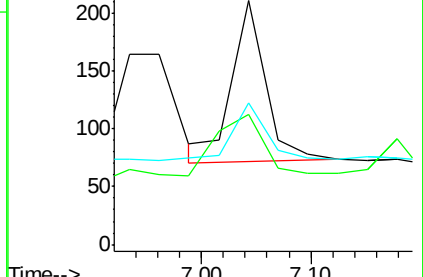
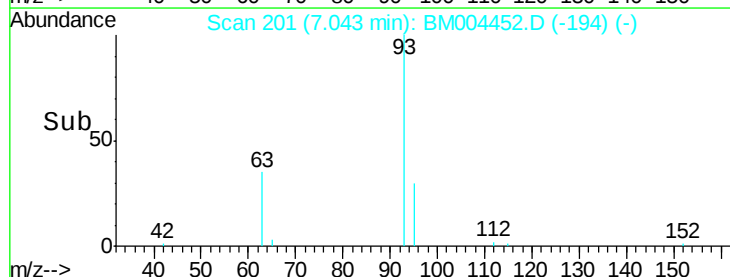


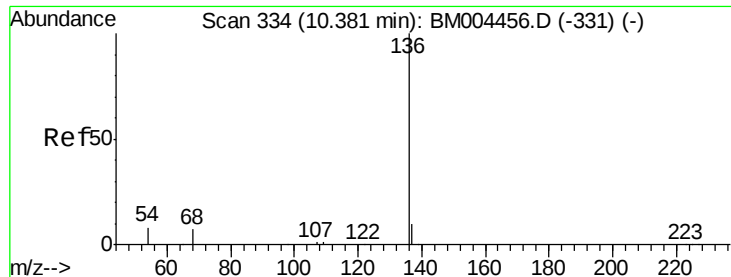
Abundance Ion 93.00 (92.70 to 93.70): BM004456.D (-199) (-)

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

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

Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 334

Delta R.T. 0.00 min

Lab File: BM004452.D

Acq: 28 Feb 2016 16:05

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

Tgt Ion: 136 Resp: 46466

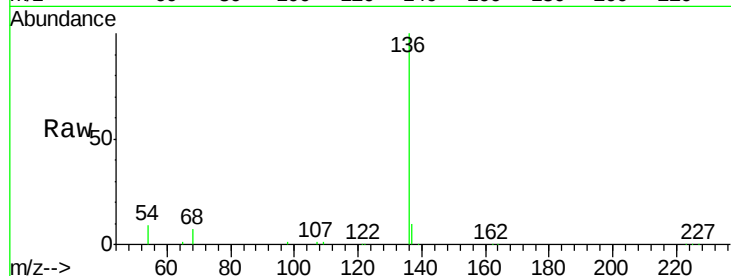
Ion Ratio Lower Upper

136 100

137 10.0 8.0 12.0

54 8.8 7.0 10.6

68 7.2 5.8 8.6

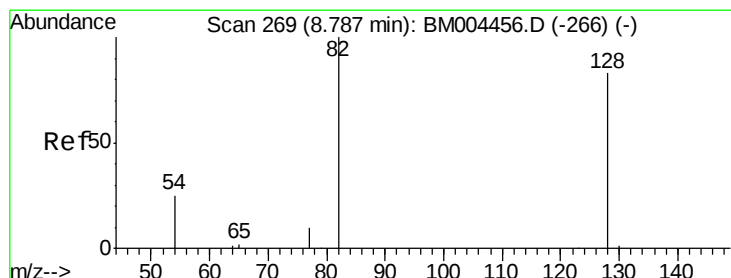
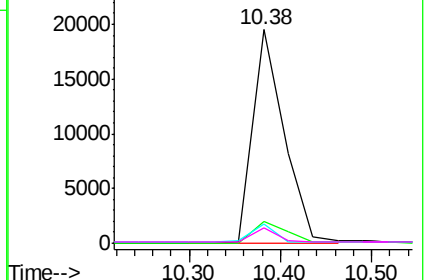
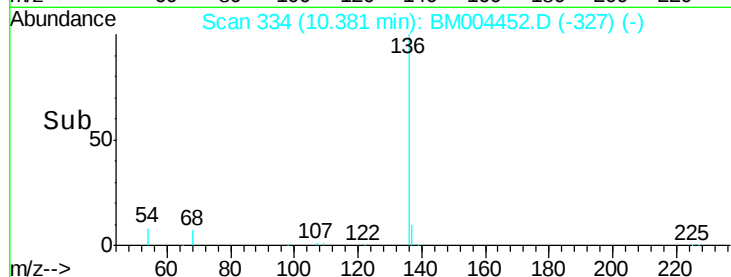


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.12 ng

RT: 8.79 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM004452.D

Acq: 28 Feb 2016 16:05

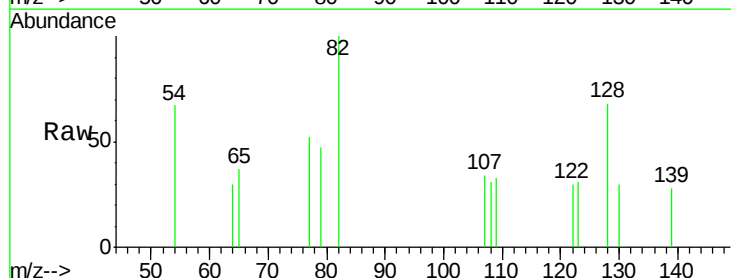
Tgt Ion: 82 Resp: 245

Ion Ratio Lower Upper

82 100

128 68.0 67.0 100.6

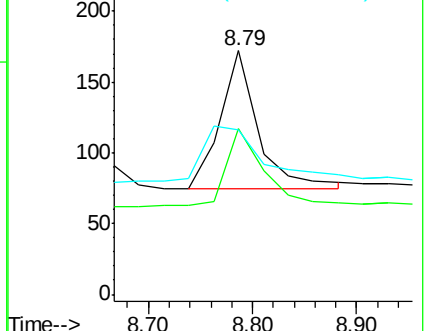
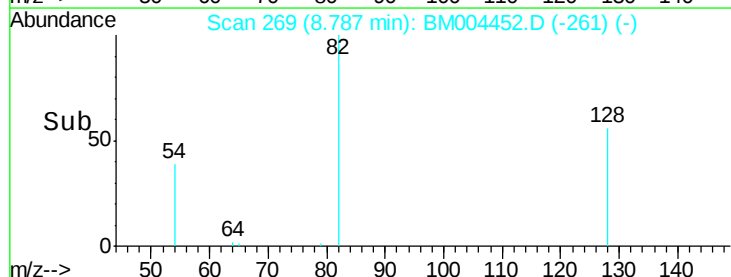
54 67.4 25.2 37.8#

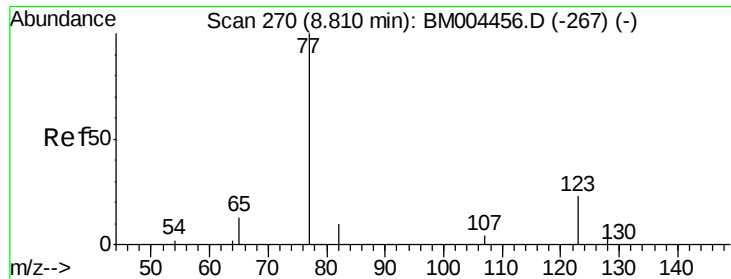


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.11 ng

RT: 8.81 min Scan# 270

Delta R.T. 0.00 min

Lab File: BM004452.D

Acq: 28 Feb 2016 16:05

Instrument :

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ClientSampleId :

SSTDIC0.1

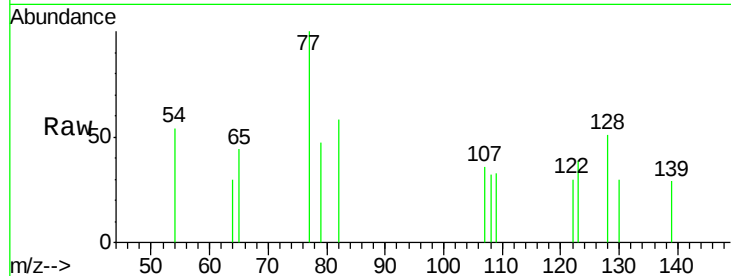
Tgt Ion: 77 Resp: 273

Ion Ratio Lower Upper

77 100

123 0.0 0.0 0.0

65 13.2 10.1 15.1

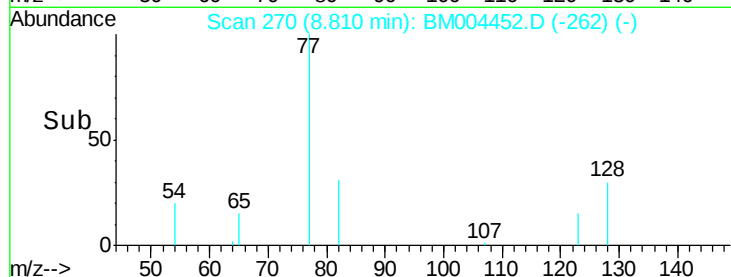


Abundance Ion 77.00 (76.70 to 77.70): BM004452.D (-267) (-)

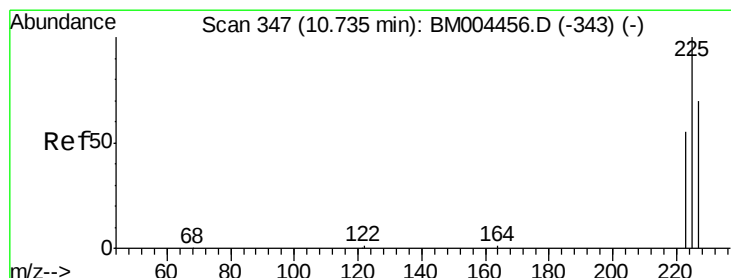
Ion 123.00 (122.70 to 123.70): BM004452.D (-267) (-)

Ion 65.00 (64.70 to 65.70): BM004452.D (-267) (-)

Time--> 8.70 8.80 8.90



Time--> 8.70 8.80 8.90



#10

Hexachlorobutadiene

Concen: 0.11 ng

RT: 10.74 min Scan# 347

Delta R.T. 0.00 min

Lab File: BM004452.D

Acq: 28 Feb 2016 16:05

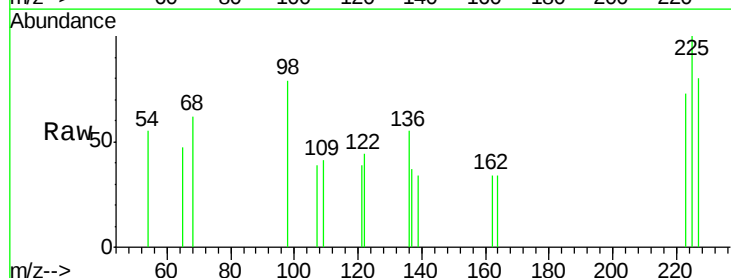
Tgt Ion: 225 Resp: 193

Ion Ratio Lower Upper

225 100

223 66.8 48.4 72.6

227 67.9 52.8 79.2

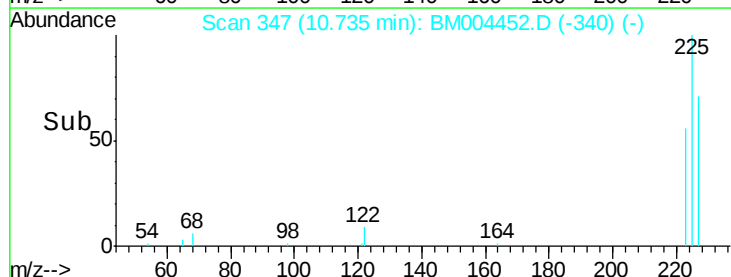


Abundance Ion 225.00 (224.70 to 225.70): BM004452.D (-343) (-)

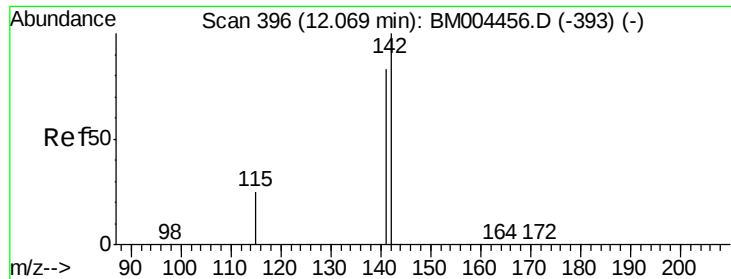
Ion 223.00 (222.70 to 223.70): BM004452.D (-343) (-)

Ion 227.00 (226.70 to 227.70): BM004452.D (-343) (-)

Time--> 10.60 10.70 10.80



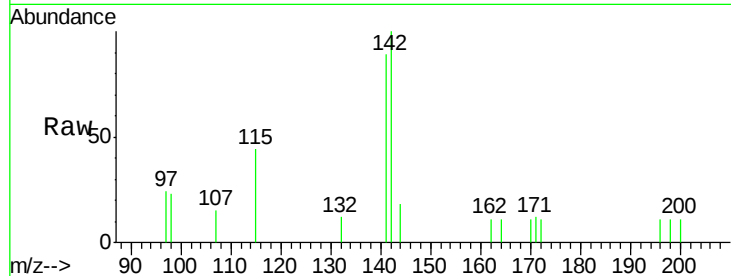
Time--> 10.60 10.70 10.80



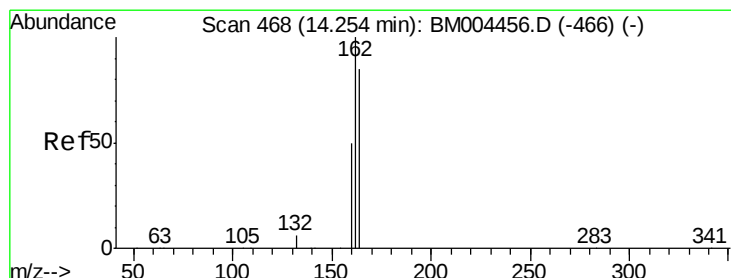
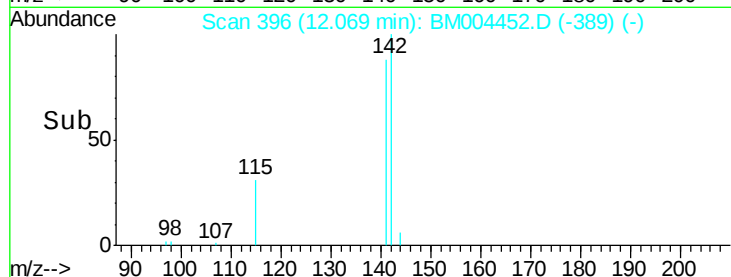
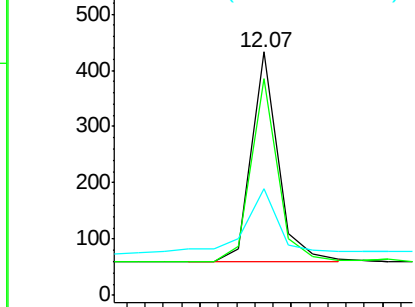
#11
2-Methylnaphthalene
Concen: 0.11 ng
RT: 12.07 min Scan# 396
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

Tgt Ion:142 Resp: 768
Ion Ratio Lower Upper
142 100
141 89.1 66.4 99.6
115 43.9 21.6 32.4#

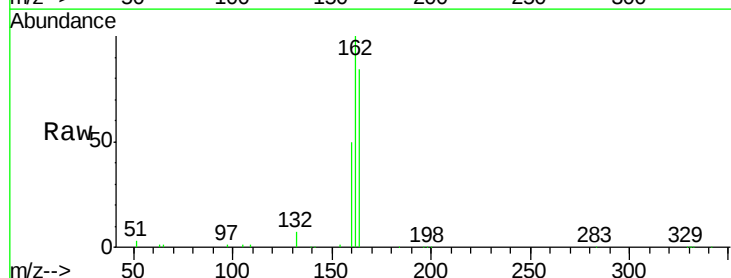


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

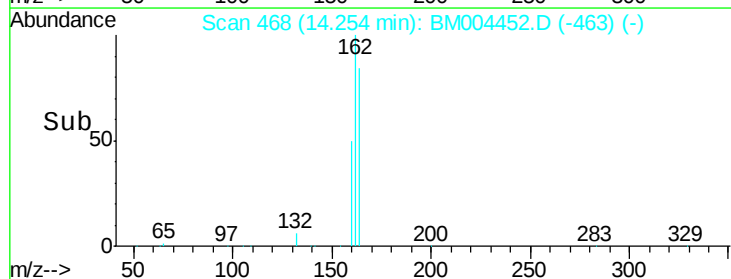
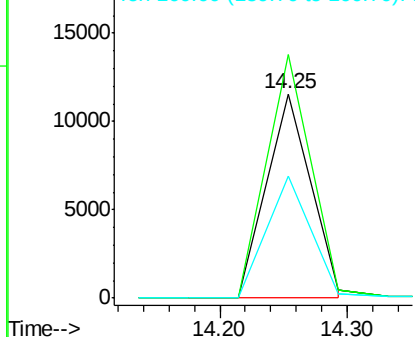


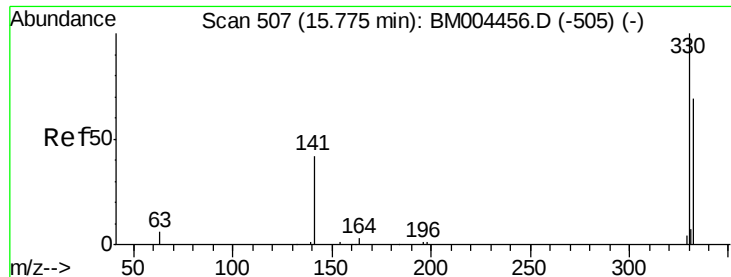
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.25 min Scan# 468
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:164 Resp: 27825
Ion Ratio Lower Upper
164 100
162 119.2 94.6 141.8
160 59.8 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

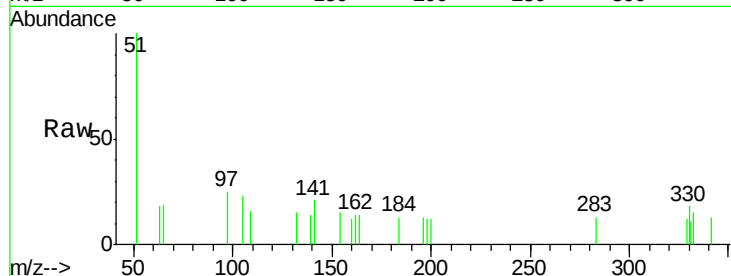




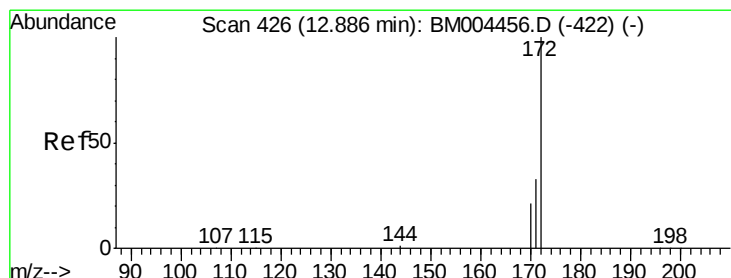
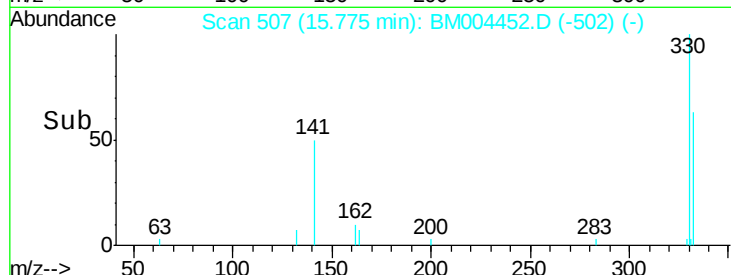
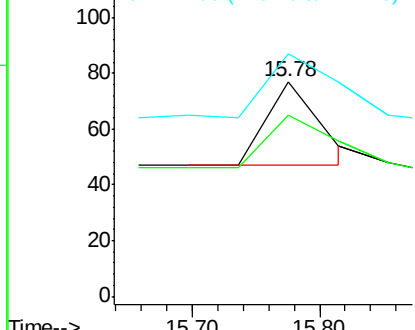
#13
 2,4,6-Tribromophenol
 Concen: 0.10 ng
 RT: 15.78 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BM004452.D
 Acq: 28 Feb 2016 16:05

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

Tgt Ion:330 Resp: 87
 Ion Ratio Lower Upper
 330 100
 332 78.2 59.2 88.8
 141 100.0 33.0 49.4#

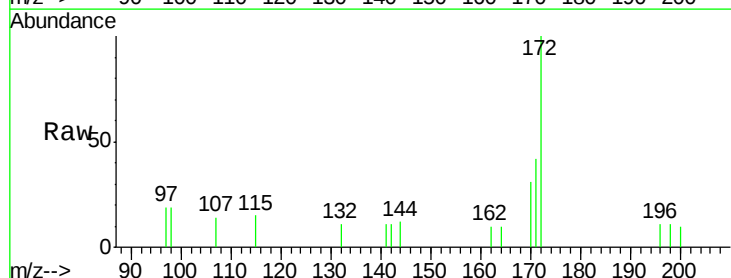


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

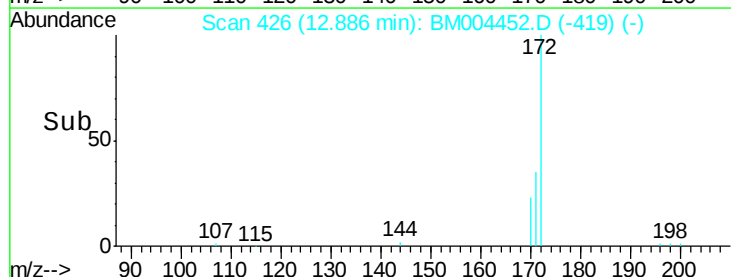
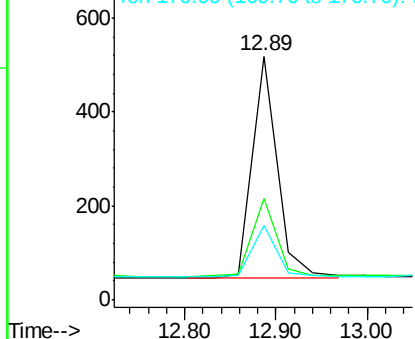


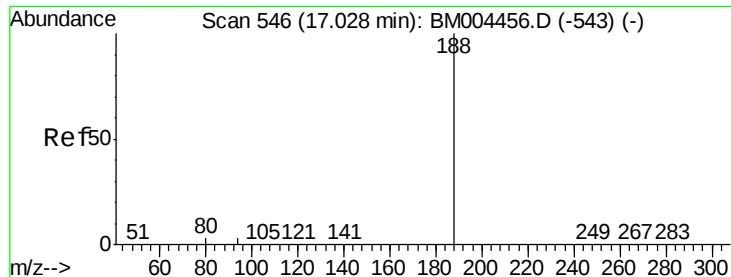
#14
 2-Fluorobiphenyl
 Concen: 0.10 ng
 RT: 12.89 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BM004452.D
 Acq: 28 Feb 2016 16:05

Tgt Ion:172 Resp: 890
 Ion Ratio Lower Upper
 172 100
 171 41.7 27.2 40.8#
 170 30.5 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

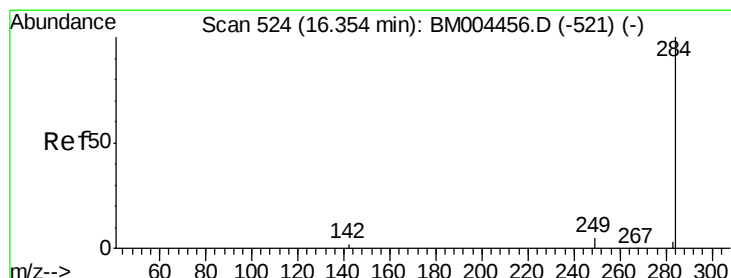
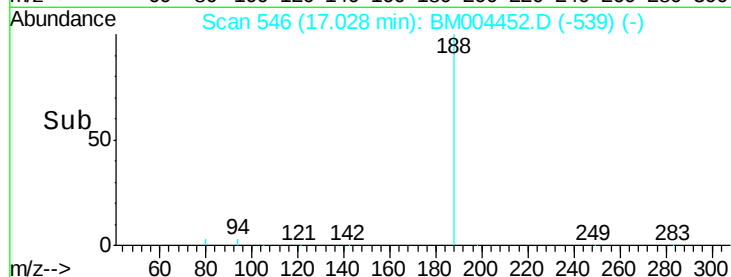
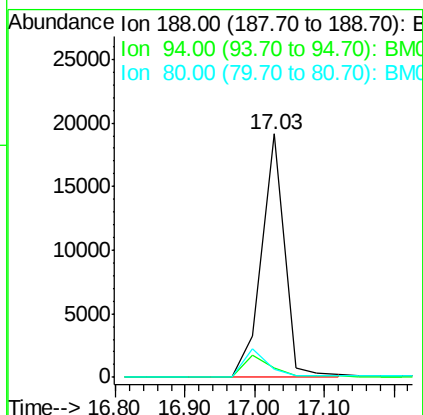
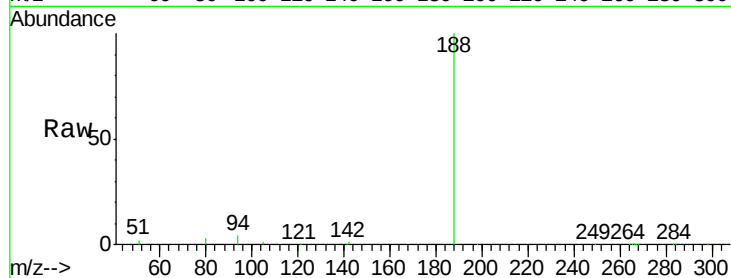




#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.03 min Scan# 546
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

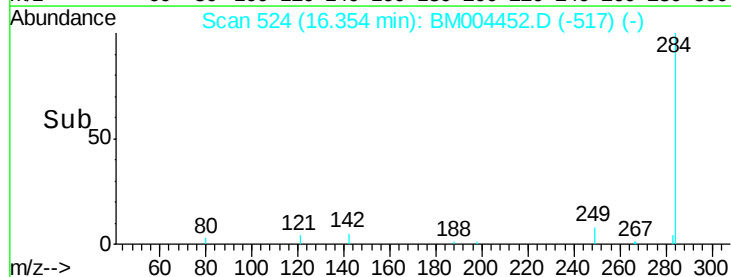
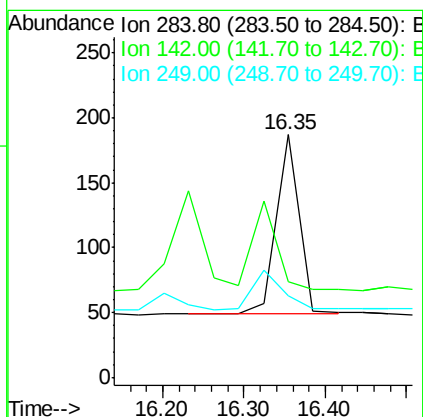
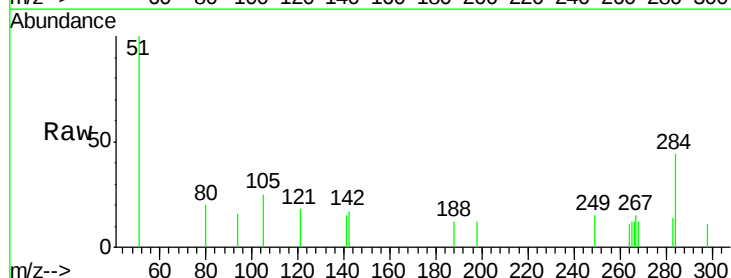
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

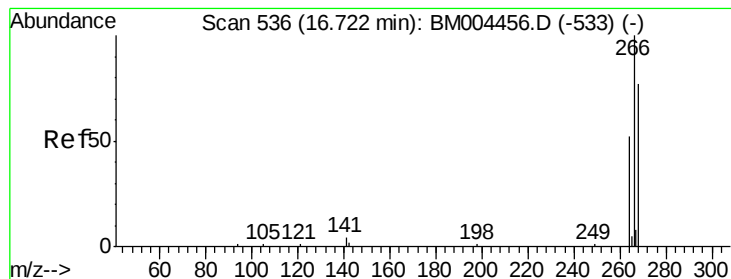
Tgt Ion:188 Resp: 43094
Ion Ratio Lower Upper
188 100
94 3.7 2.7 4.1
80 3.1 2.2 3.4



#16
Hexachlorobenzene
Concen: 0.18 ng
RT: 16.35 min Scan# 524
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:284 Resp: 274
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0





#17

Pentachlorophenol

Concen: 0.31 ng

RT: 16.72 min Scan# 536

Delta R.T. 0.00 min

Lab File: BM004452.D

Acq: 28 Feb 2016 16:05

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

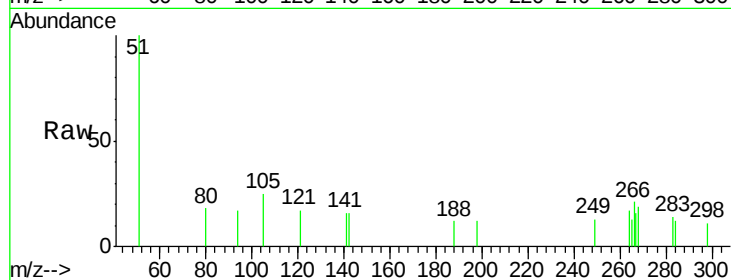
Tgt Ion:266 Resp: 125

Ion Ratio Lower Upper

266 100

268 88.9 66.8 100.2

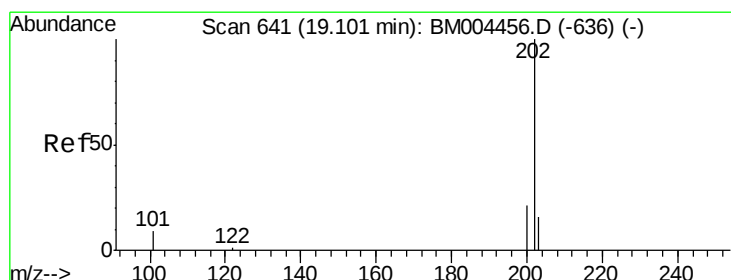
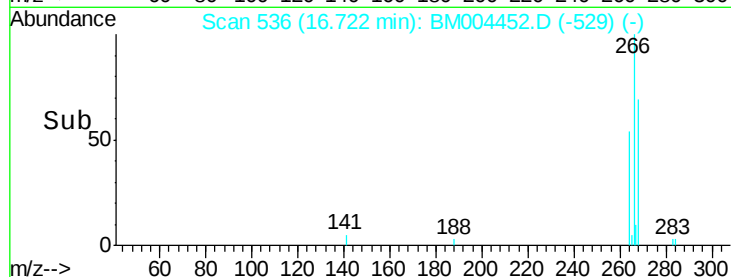
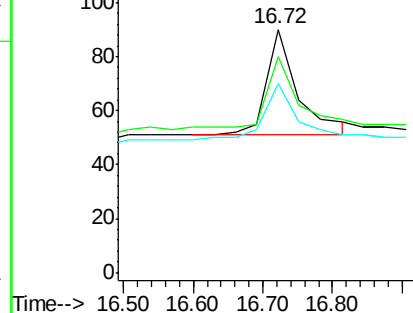
264 77.8 49.4 74.0#



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: 0.14 ng

RT: 19.10 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM004452.D

Acq: 28 Feb 2016 16:05

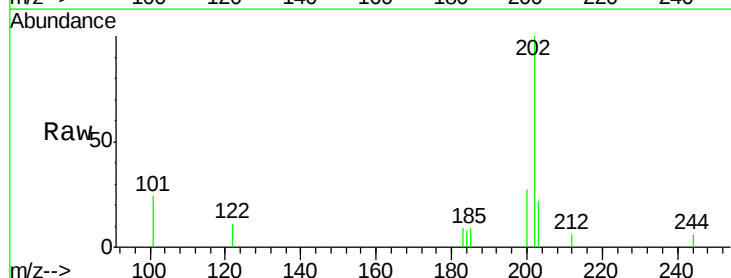
Tgt Ion:202 Resp: 1741

Ion Ratio Lower Upper

202 100

101 11.3 9.4 14.0

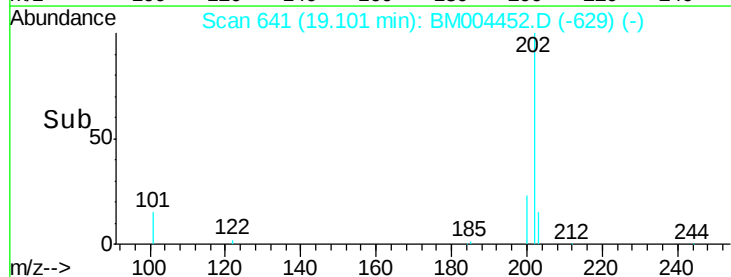
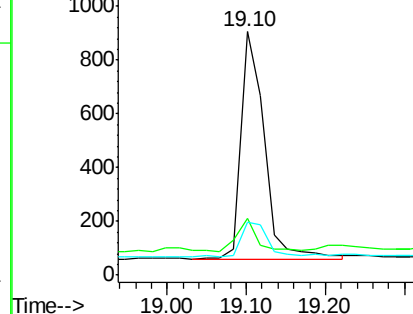
203 17.9 13.9 20.9

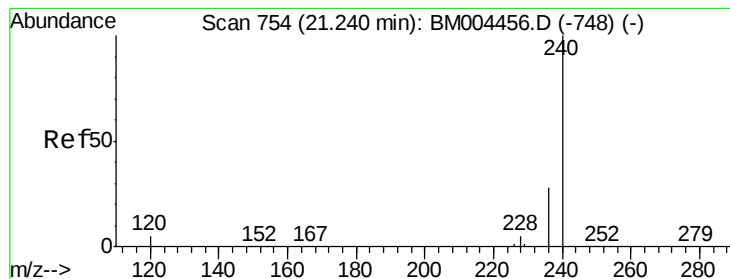


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM004452.D

Acq: 28 Feb 2016 16:05

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

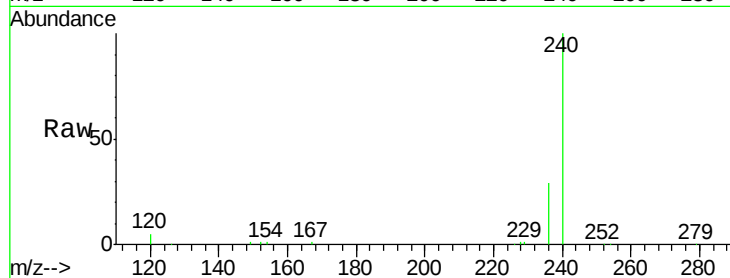
Tgt Ion:240 Resp: 58717

Ion Ratio Lower Upper

240 100

120 4.9 4.0 6.0

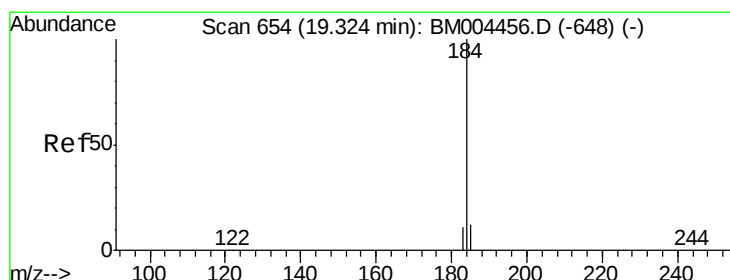
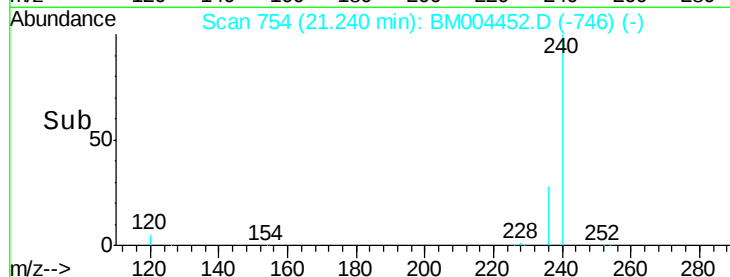
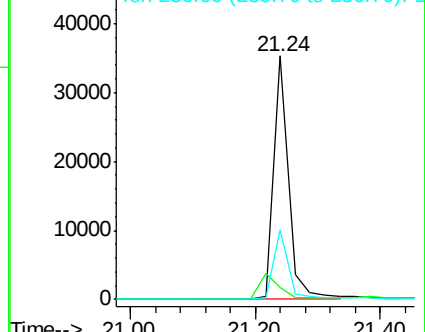
236 28.6 22.7 34.1



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: 0.08 ng

RT: 19.34 min Scan# 655

Delta R.T. 0.02 min

Lab File: BM004452.D

Acq: 28 Feb 2016 16:05

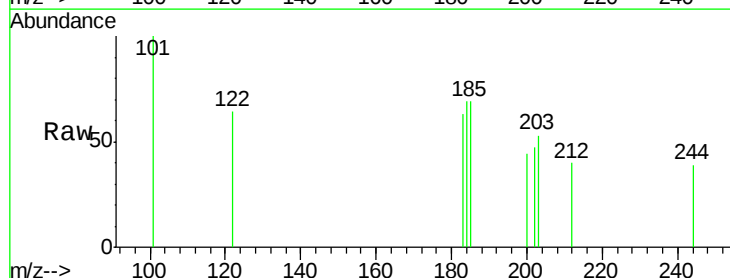
Tgt Ion:184 Resp: 216

Ion Ratio Lower Upper

184 100

185 100.0 20.8 31.2#

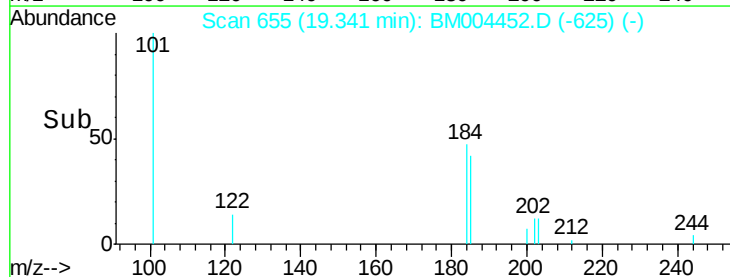
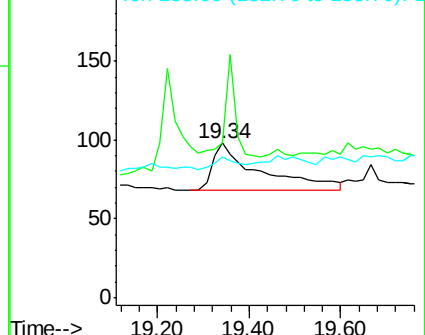
183 90.8 18.5 27.7#

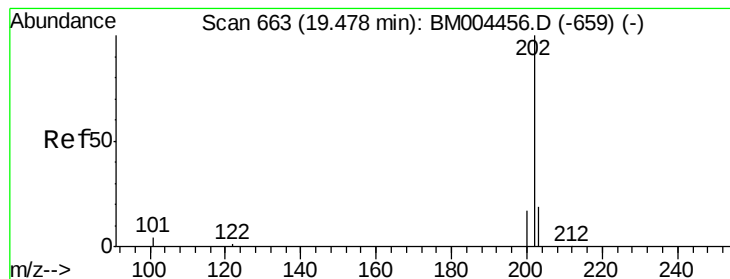


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#21

Pyrene

Concen: 0.11 ng

RT: 19.48 min Scan# 663

Delta R.T. 0.00 min

Lab File: BM004452.D

Acq: 28 Feb 2016 16:05

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

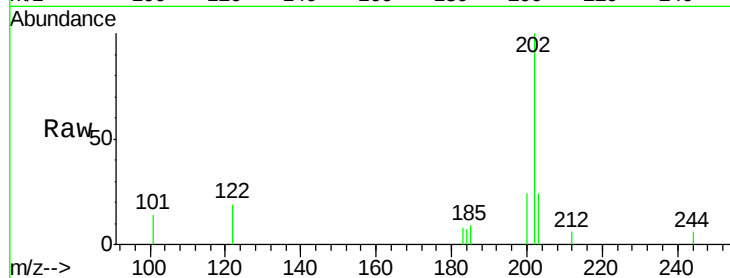
Tgt Ion:202 Resp: 1810

Ion Ratio Lower Upper

202 100

200 21.6 16.6 24.8

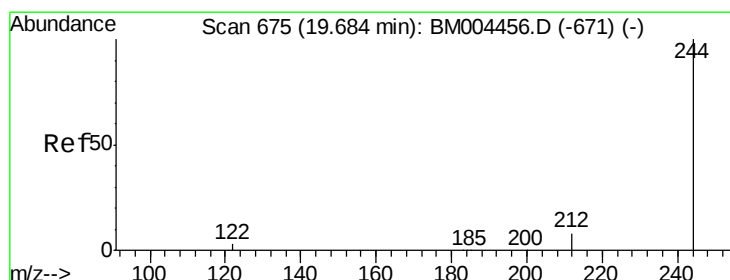
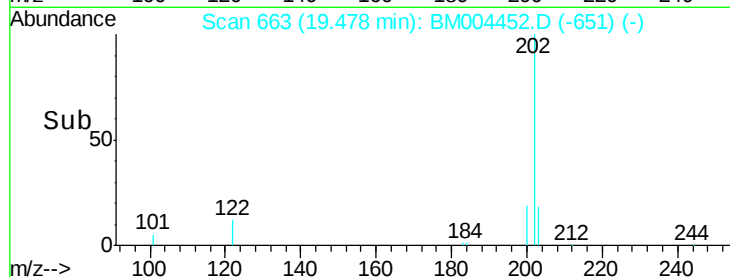
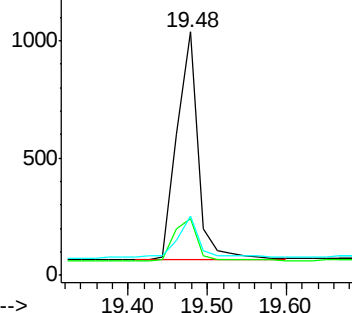
203 20.9 13.9 20.9#



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



#22

Terphenyl-d14

Concen: 0.10 ng

RT: 19.68 min Scan# 675

Delta R.T. 0.00 min

Lab File: BM004452.D

Acq: 28 Feb 2016 16:05

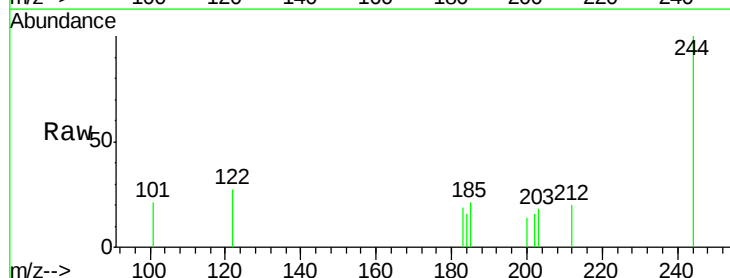
Tgt Ion:244 Resp: 765

Ion Ratio Lower Upper

244 100

212 19.7 7.4 11.2#

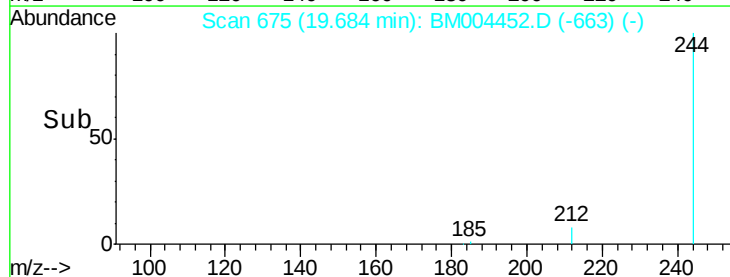
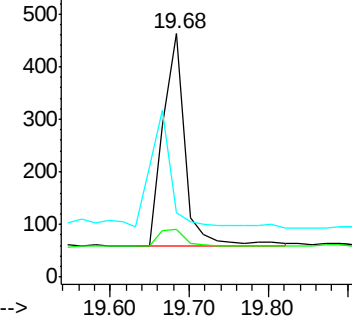
122 26.6 4.2 6.2#

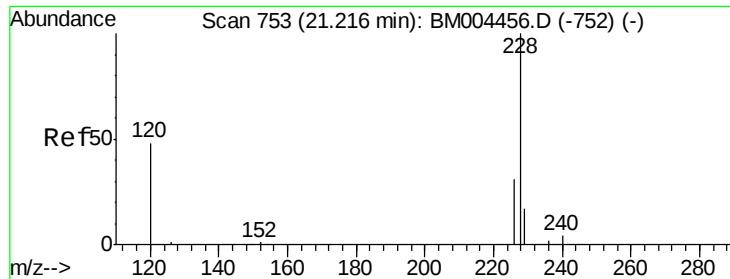


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

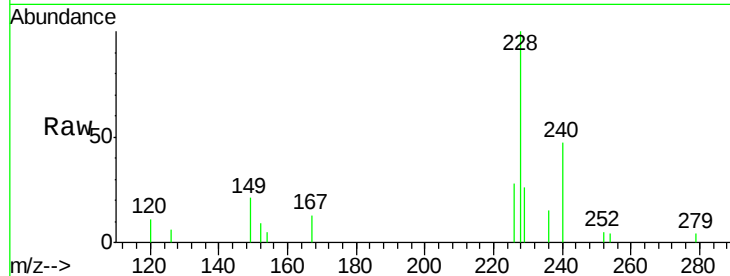




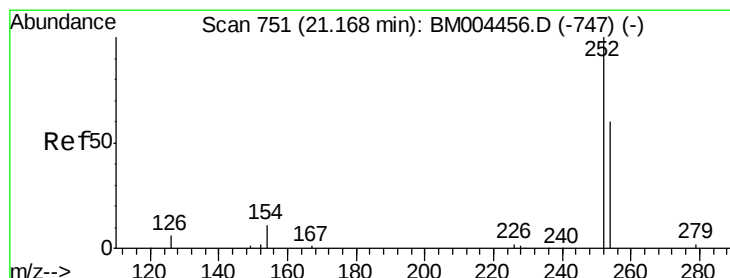
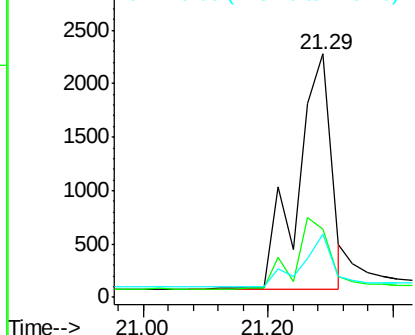
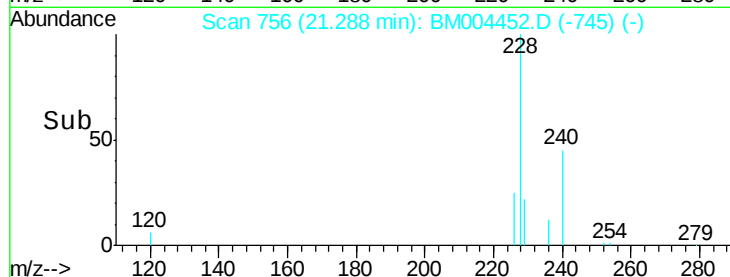
#23
Benzo(a)anthracene
Concen: 0.47 ng
RT: 21.29 min Scan# 756
Delta R.T. 0.07 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

Tgt Ion:228 Resp: 8164
Ion Ratio Lower Upper
228 100
226 28.3 25.1 37.7
229 25.9 14.2 21.4#

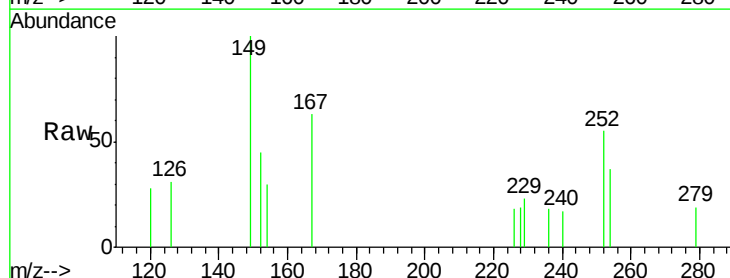


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

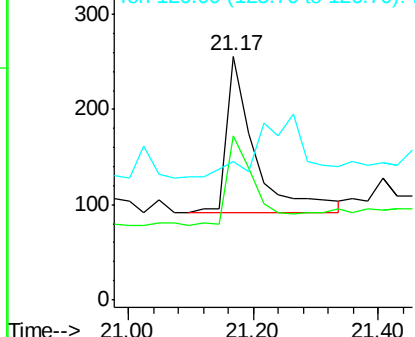
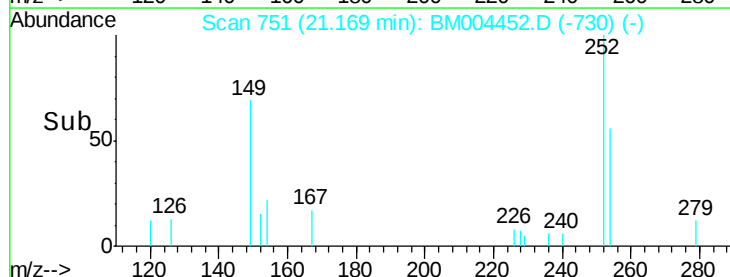


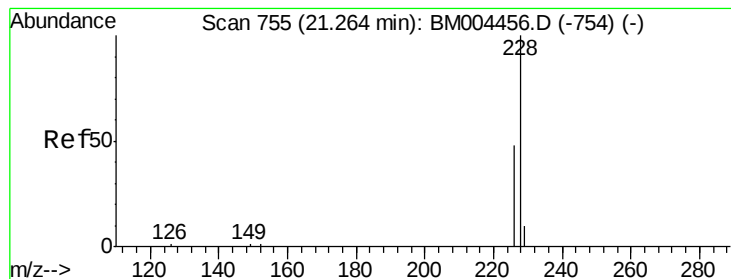
#24
3,3'-Dichlorobenzidine
Concen: 0.12 ng
RT: 21.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:252 Resp: 527
Ion Ratio Lower Upper
252 100
254 67.2 48.7 73.1
126 57.0 8.2 12.2#



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





#25

Chrysene

Concen: 0.53 ng

RT: 21.29 min Scan# 756

Delta R.T. 0.02 min

Lab File: BM004452.D

Acq: 28 Feb 2016 16:05

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

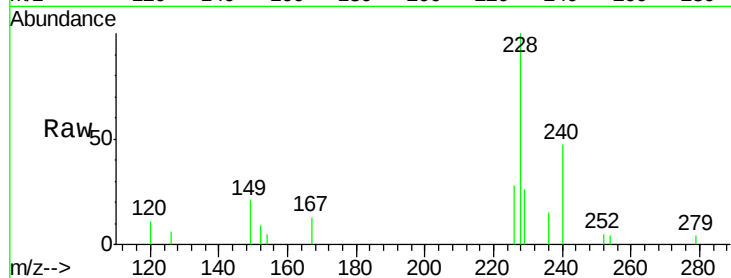
Tgt Ion:228 Resp: 8634

Ion Ratio Lower Upper

228 100

226 28.3 31.0 46.6#

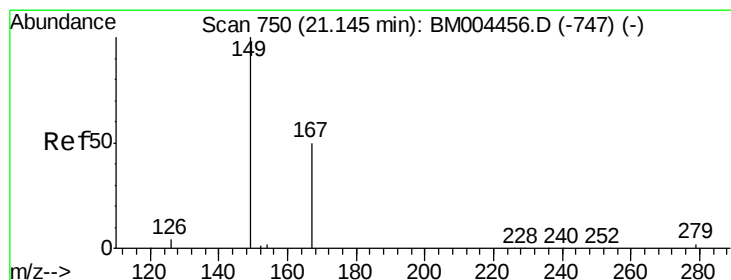
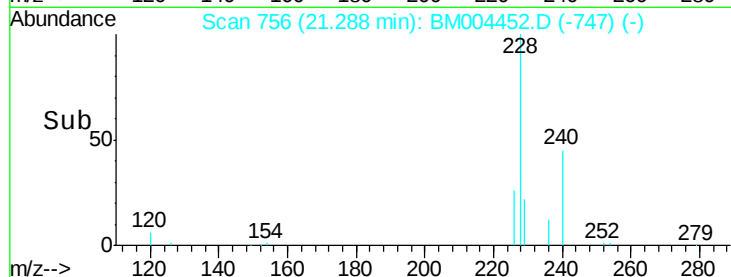
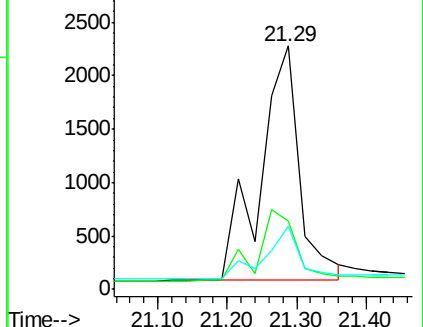
229 25.9 13.4 20.2#



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: 0.19 ng

RT: 21.14 min Scan# 750

Delta R.T. 0.00 min

Lab File: BM004452.D

Acq: 28 Feb 2016 16:05

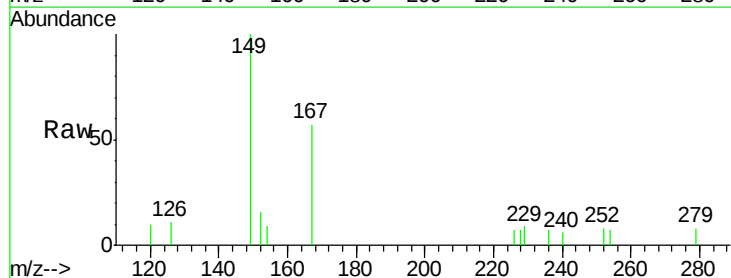
Tgt Ion:149 Resp: 1434

Ion Ratio Lower Upper

149 100

167 44.8 33.1 49.7

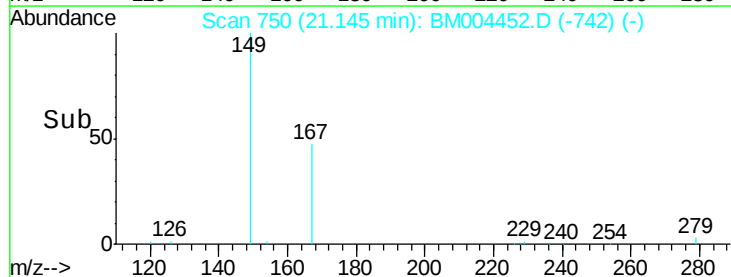
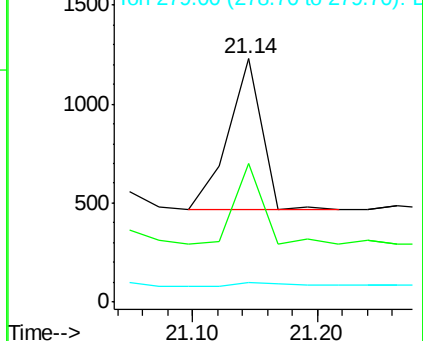
279 4.3 2.0 3.0#

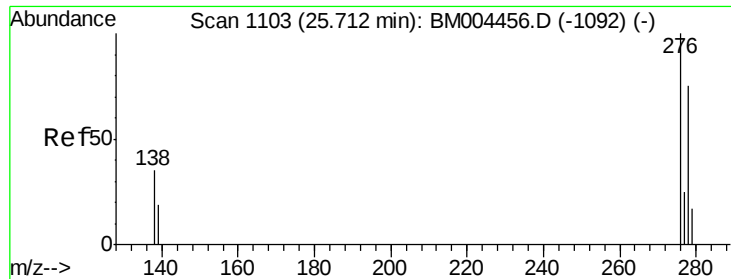


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

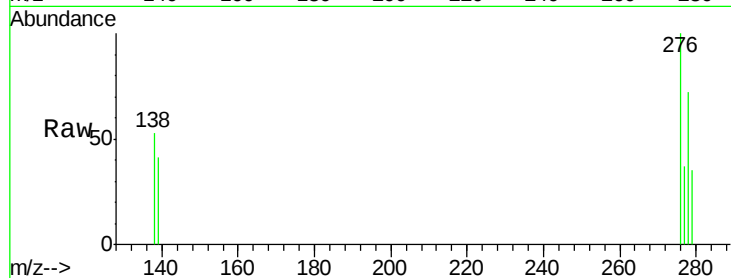




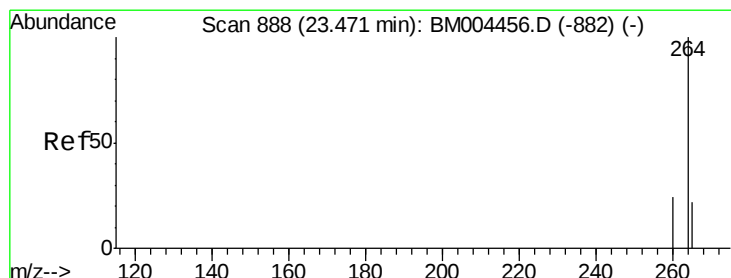
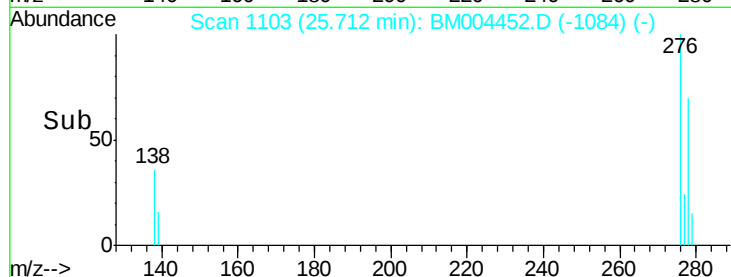
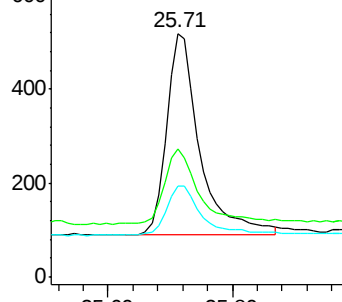
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng
RT: 25.71 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

Tgt Ion: 276 Resp: 1619
Ion Ratio Lower Upper
276 100
138 38.4 30.0 45.0
277 25.9 19.8 29.8

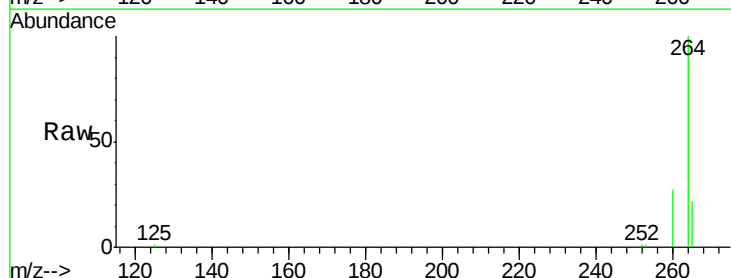


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

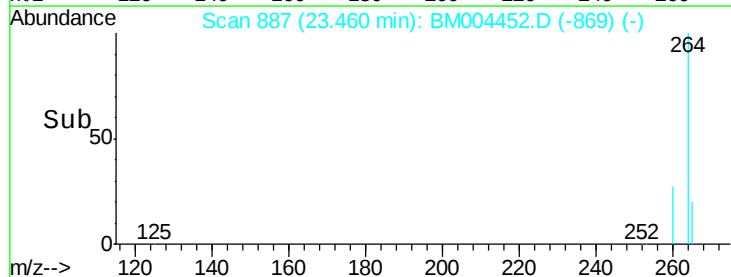
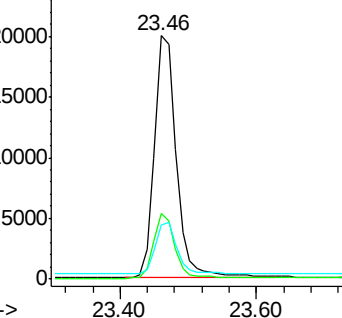


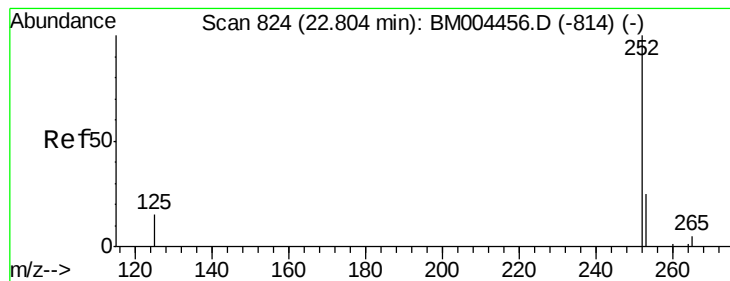
#28
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 887
Delta R.T. -0.01 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion: 264 Resp: 44310
Ion Ratio Lower Upper
264 100
260 26.9 19.4 29.2
265 22.3 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: 0.12 ng

RT: 22.80 min Scan# 824

Delta R.T. 0.00 min

Lab File: BM004452.D

Acq: 28 Feb 2016 16:05

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

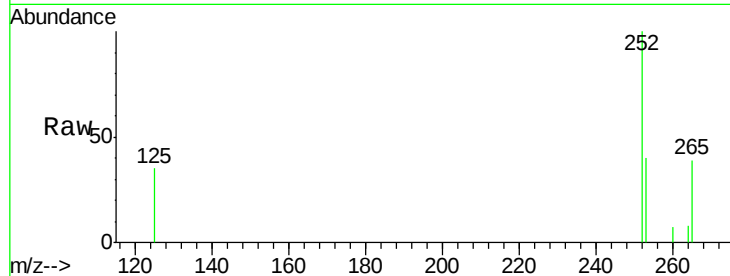
Tgt Ion: 252 Resp: 1732

Ion Ratio Lower Upper

252 100

253 40.3 19.8 29.6#

125 35.1 12.2 18.2#

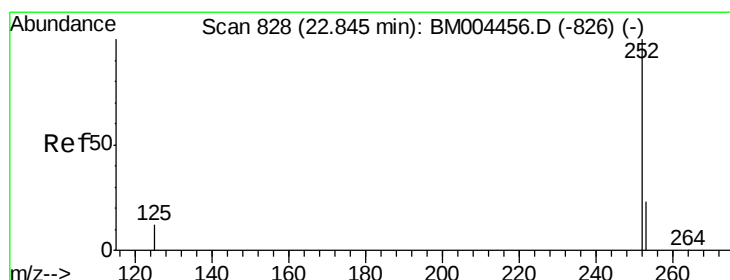
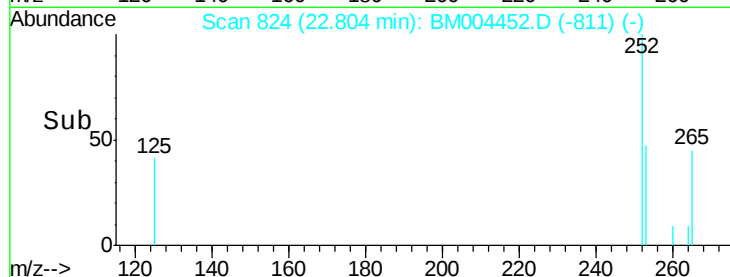
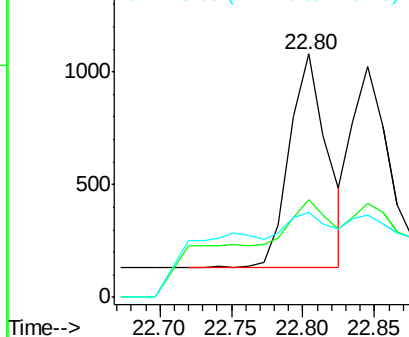


Abundance

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: 0.14 ng

RT: 22.85 min Scan# 828

Delta R.T. 0.00 min

Lab File: BM004452.D

Acq: 28 Feb 2016 16:05

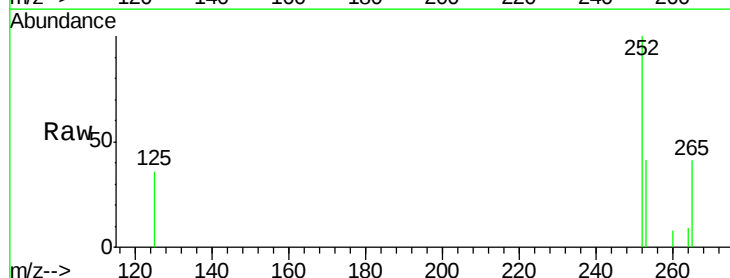
Tgt Ion: 252 Resp: 1710

Ion Ratio Lower Upper

252 100

253 40.5 19.3 28.9#

125 35.6 12.4 18.6#

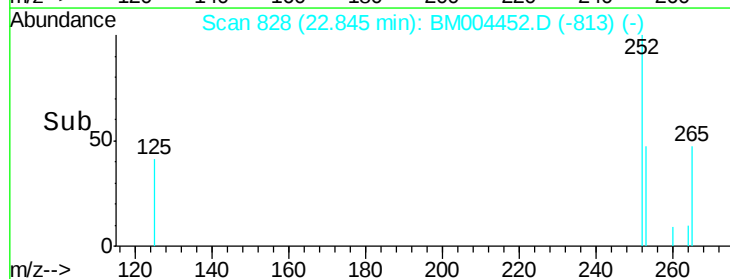
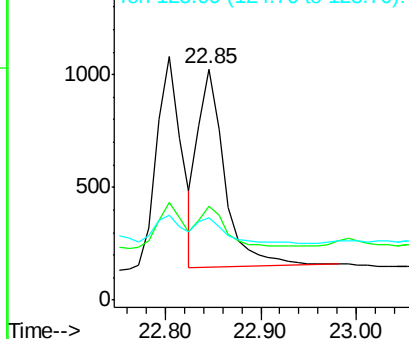


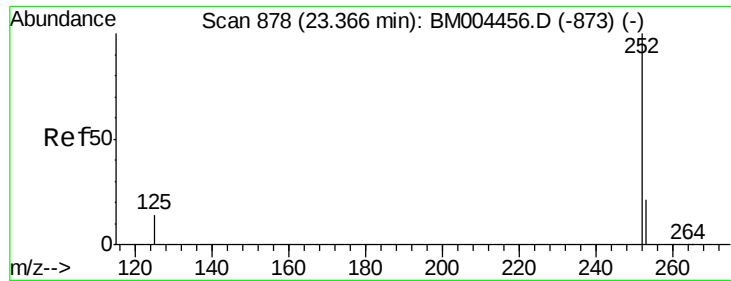
Abundance

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: 0.11 ng

RT: 23.37 min Scan# 878

Delta R.T. 0.00 min

Lab File: BM004452.D

Acq: 28 Feb 2016 16:05

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

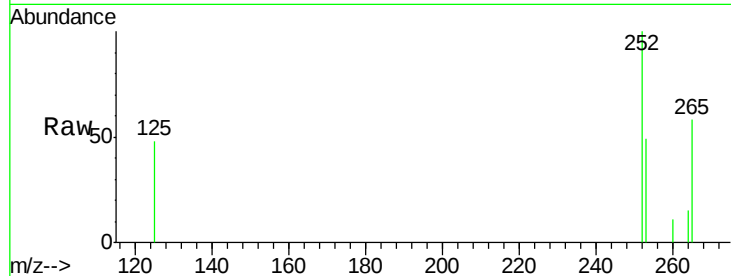
Tgt Ion:252 Resp: 1301

Ion Ratio Lower Upper

252 100

253 48.9 19.3 28.9#

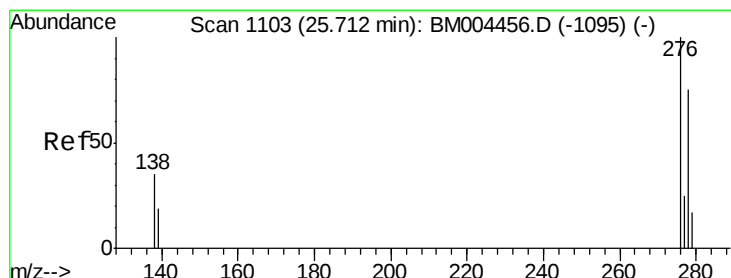
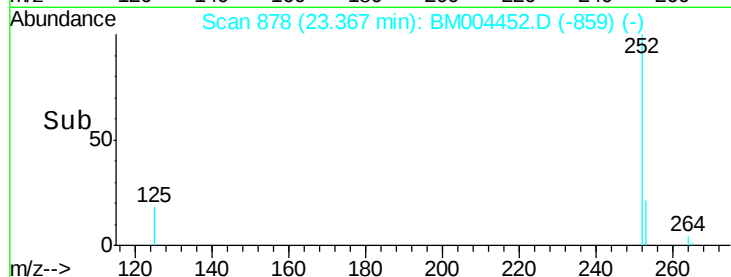
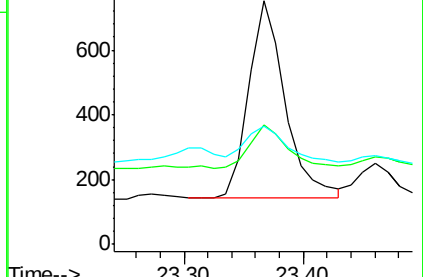
125 48.4 14.4 21.6#



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: 0.11 ng

RT: 25.72 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BM004452.D

Acq: 28 Feb 2016 16:05

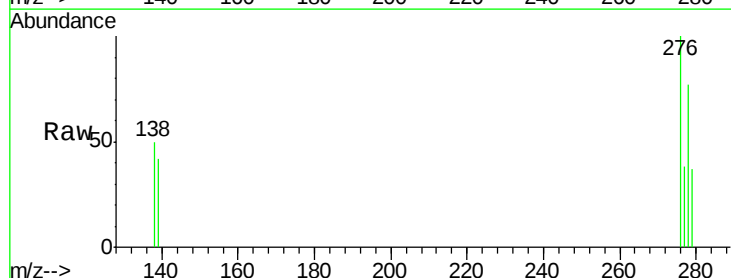
Tgt Ion:278 Resp: 1224

Ion Ratio Lower Upper

278 100

139 54.1 22.3 33.5#

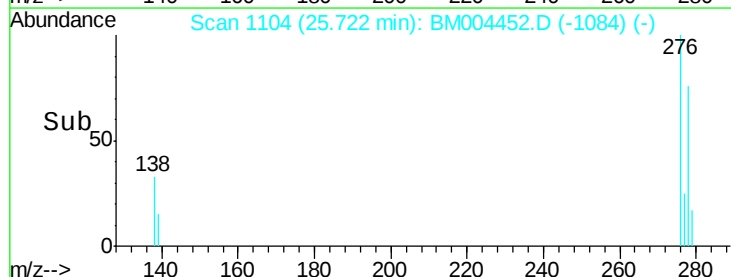
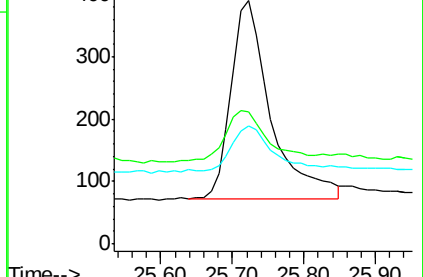
279 48.7 20.7 31.1#

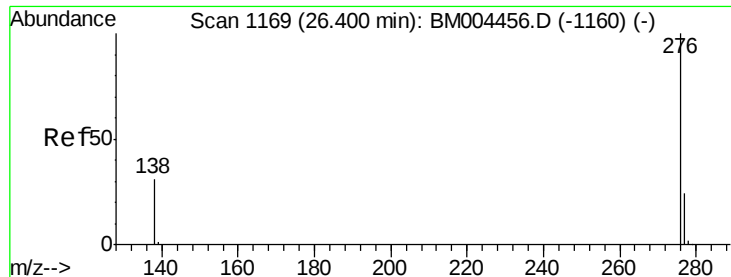


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Benzo(g,h,i)perylene

Concen: 0.12 ng

RT: 26.40 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BM004452.D

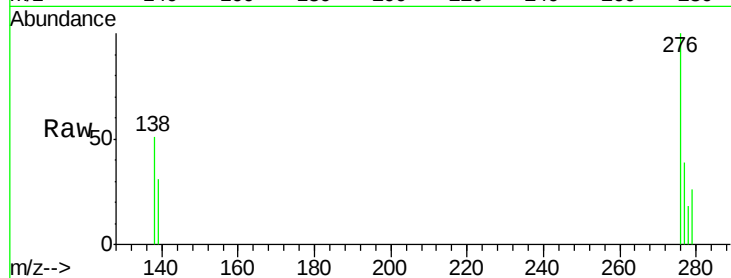
Acq: 28 Feb 2016 16:05

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.1



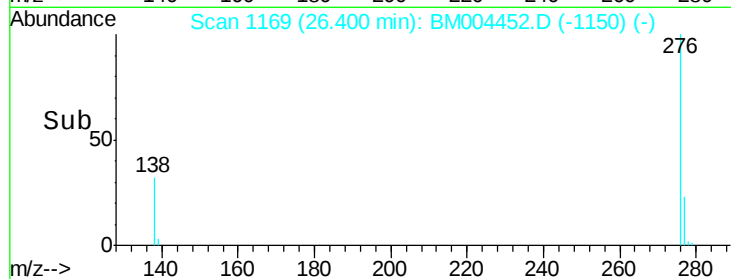
Tgt Ion: 276 Resp: 1406

Ion Ratio Lower Upper

276 100

277 38.5 20.4 30.6#

138 51.4 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

26.40

400

300

200

100

0

Time--> 26.20 26.40 26.60