

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022816\
 Data File : BM004454.D
 Acq On : 28 Feb 2016 17:18
 Operator : SJ/UM
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

Quant Time: Feb 29 03:18:10 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	13914	5.00	ng	0.00
7) Naphthalene-d8	10.38	136	47326	5.00	ng	0.00
12) Acenaphthene-d10	14.25	164	28701	5.00	ng	0.00
15) Phenanthrene-d10	17.03	188	45906	5.00	ng	0.00
19) Chrysene-d12	21.25	240	58015	5.00	ng	0.00
28) Perylene-d12	23.47	264	47189	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	1464	0.50	ng	0.00
5) Phenol-d6	6.83	99	1517	0.44	ng	0.00
8) Nitrobenzene-d5	8.79	82	1234	0.58	ng	0.00
13) 2,4,6-Tribromophenol	15.78	330	452	0.53	ng	0.00
14) 2-Fluorobiphenyl	12.89	172	4456	0.51	ng	0.00
22) Terphenyl-d14	19.68	244	3641	0.49	ng	0.00

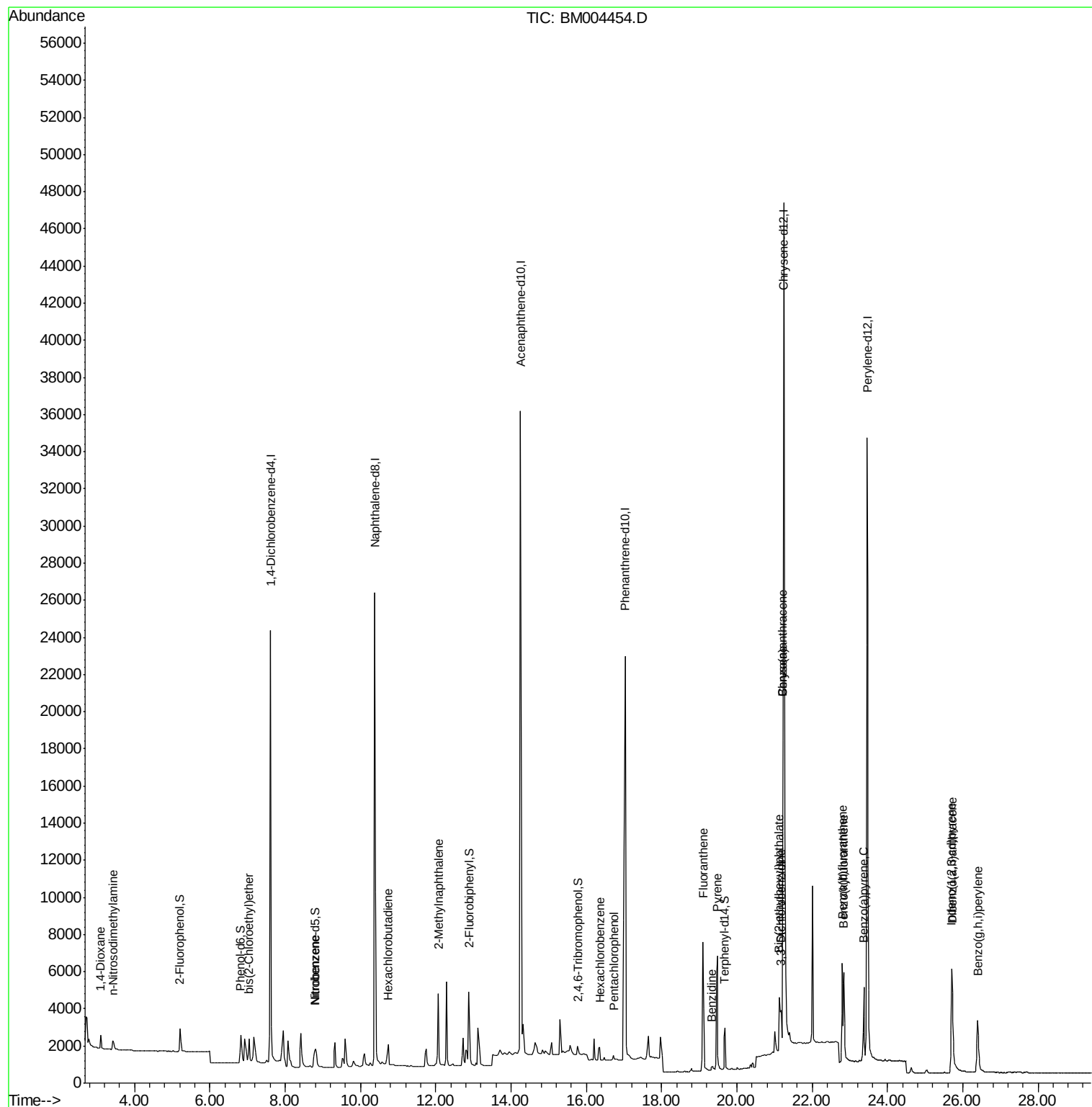
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	620	0.42	ng	# 88
3) n-Nitrosodimethylamine	3.43	42	498	0.41	ng	# 95
6) bis(2-Chloroethyl)ether	7.04	93	1385	0.43	ng	# 99
9) Nitrobenzene	8.81	77	1380	0.57	ng	# 98
10) Hexachlorobutadiene	10.74	225	956	0.55	ng	99
11) 2-Methylnaphthalene	12.07	142	3649	0.51	ng	97
16) Hexachlorobenzene	16.35	284	1258	0.76	ng	# 100
17) Pentachlorophenol	16.72	266	358	0.82	ng	97
18) Fluoranthene	19.10	202	8270	0.64	ng	99
20) Benzidine	19.34	184	961	0.34	ng	# 59
21) Pyrene	19.48	202	8558	0.52	ng	100
23) Benzo(a)anthracene	21.22	228	8547	0.49	ng	95
24) 3,3'-Dichlorobenzidine	21.18	252	2615	0.62	ng	# 91
25) Chrysene	21.22	228	8539	0.53	ng	# 86
26) Bis(2-ethylhexyl)phthalate	21.13	149	4985	0.68	ng	# 37
27) Indeno(1,2,3-cd)pyrene	25.71	276	7375	0.44	ng	99
29) Benzo(b)fluoranthene	22.80	252	8414	0.56	ng	# 96
30) Benzo(k)fluoranthene	22.84	252	7471	0.56	ng	# 94
31) Benzo(a)pyrene	23.37	252	6331	0.49	ng	91
32) Dibenzo(a,h)anthracene	25.72	278	5744	0.50	ng	96
33) Benzo(g,h,i)perylene	26.40	276	6345	0.50	ng	95

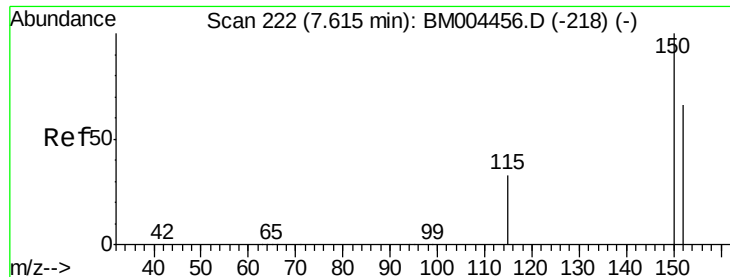
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM004454.D

Acq: 28 Feb 2016 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

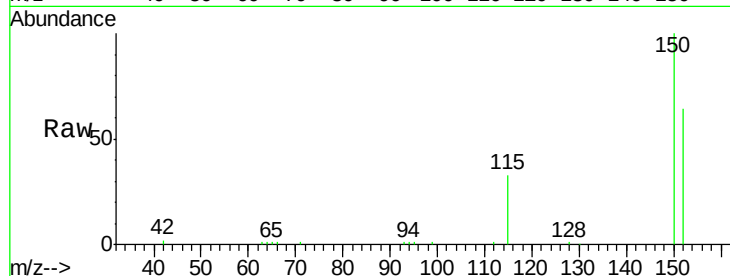
Tgt Ion:152 Resp: 13914

Ion Ratio Lower Upper

152 100

150 155.7 123.9 185.9

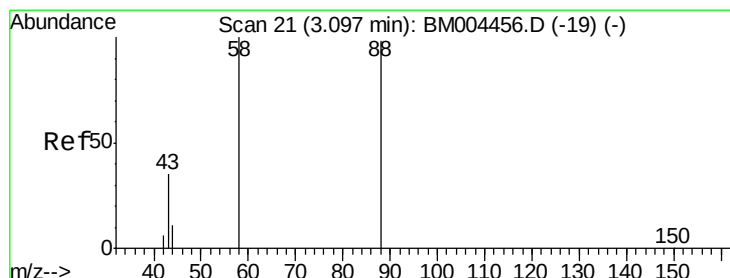
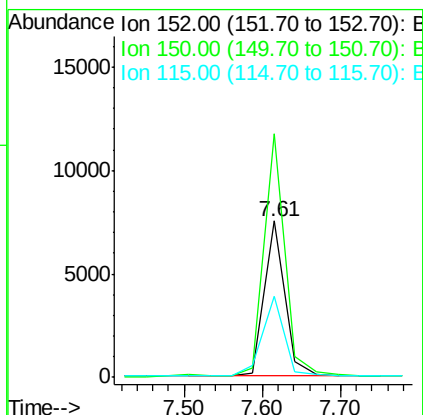
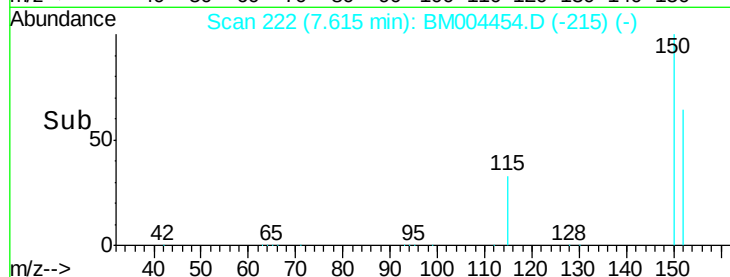
115 51.6 40.6 61.0



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: 0.42 ng

RT: 3.10 min Scan# 21

Delta R.T. 0.00 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

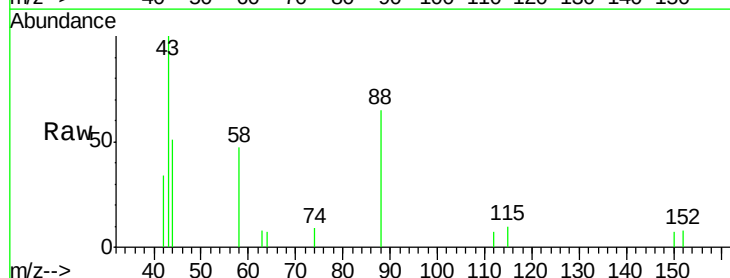
Tgt Ion: 88 Resp: 620

Ion Ratio Lower Upper

88 100

58 68.4 58.5 87.7

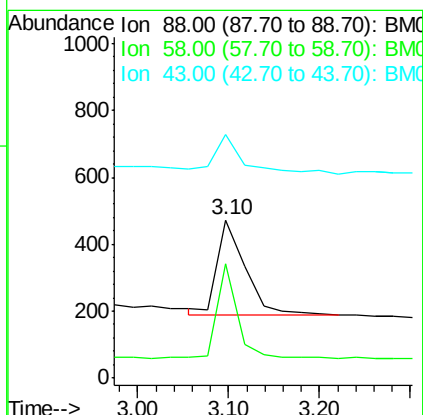
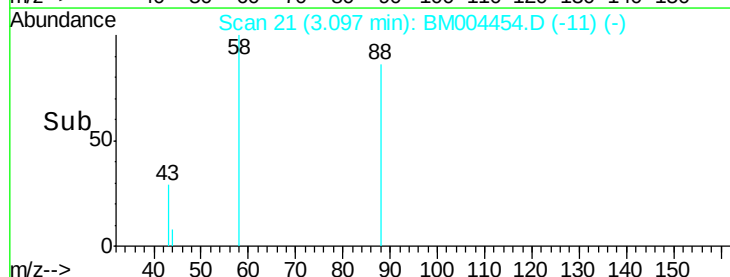
43 43.4 22.2 33.2#

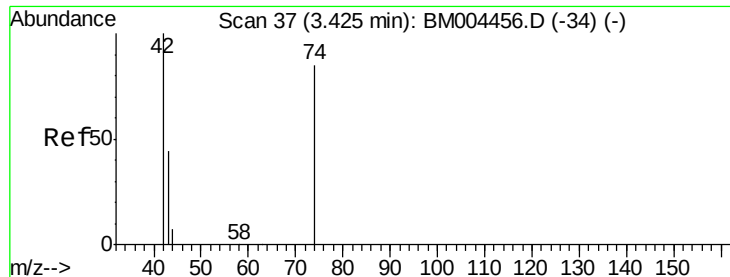


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.41 ng

RT: 3.43 min Scan# 37

Delta R.T. 0.00 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

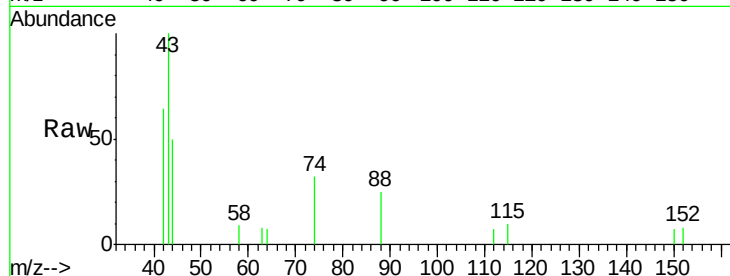
Tgt Ion: 42 Resp: 498

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

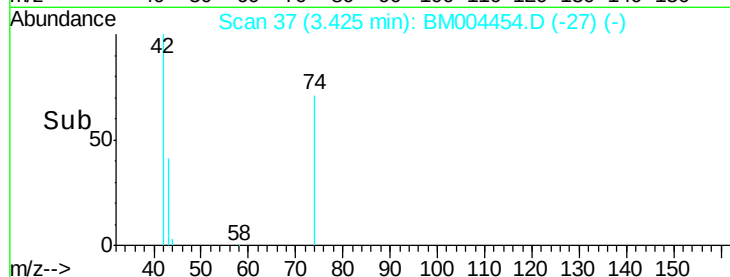
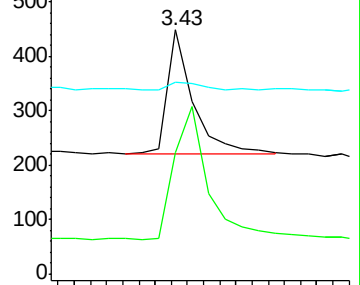
44 8.8 5.8 8.6#



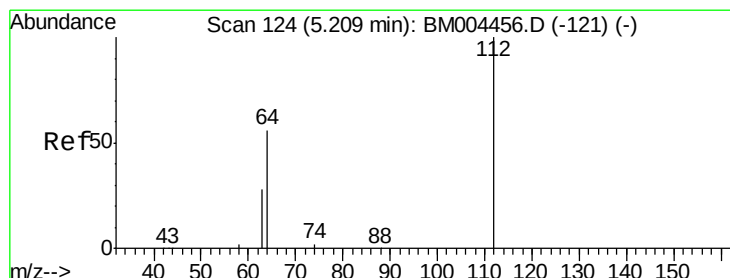
Abundance Ion 42.00 (41.70 to 42.70): BM004456.D (-34) (-)

Ion 74.00 (73.70 to 74.70): BM004456.D (-34) (-)

Ion 44.00 (43.70 to 44.70): BM004456.D (-34) (-)



Time-->



#4

2-Fluorophenol

Concen: 0.50 ng

RT: 5.21 min Scan# 124

Delta R.T. 0.00 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

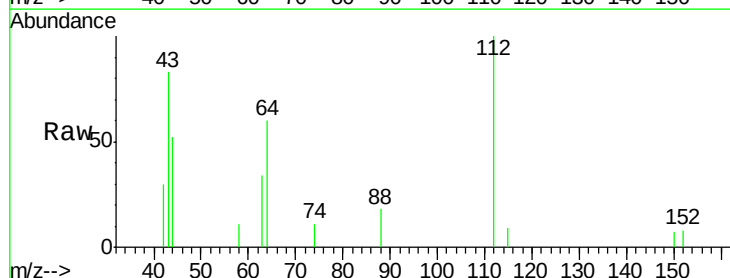
Tgt Ion: 112 Resp: 1464

Ion Ratio Lower Upper

112 100

64 48.8 39.4 59.2

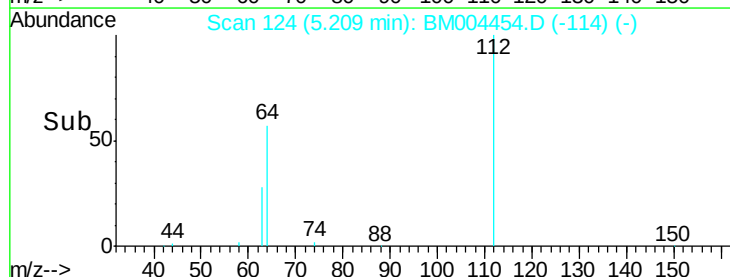
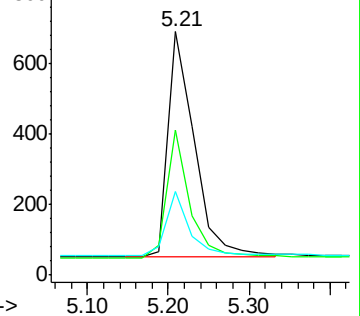
63 24.5 19.9 29.9

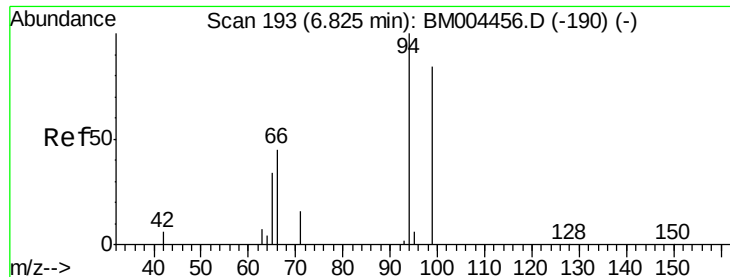


Abundance Ion 112.00 (111.70 to 112.70): BM004456.D (-121) (-)

Ion 64.00 (63.70 to 64.70): BM004456.D (-121) (-)

Ion 63.00 (62.70 to 63.70): BM004456.D (-121) (-)





#5

Phenol-d6

Concen: 0.44 ng

RT: 6.83 min Scan# 193

Delta R.T. 0.00 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

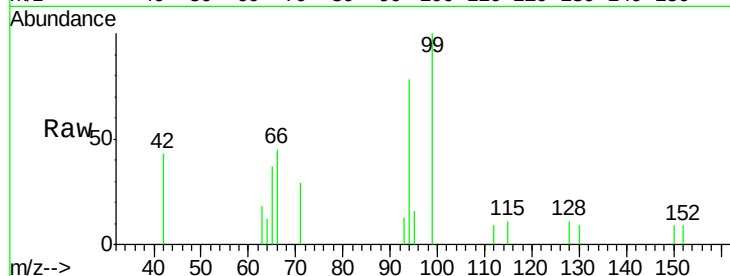
Tgt Ion: 99 Resp: 1517

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

71 0.0 0.0 0.0



Abundance Ion 99.00 (98.70 to 99.70): BM004454.D (-190) (-)

Ion 42.00 (41.70 to 42.70): BM004454.D (-190) (-)

Ion 71.00 (70.70 to 71.70): BM004454.D (-190) (-)

6.83

600

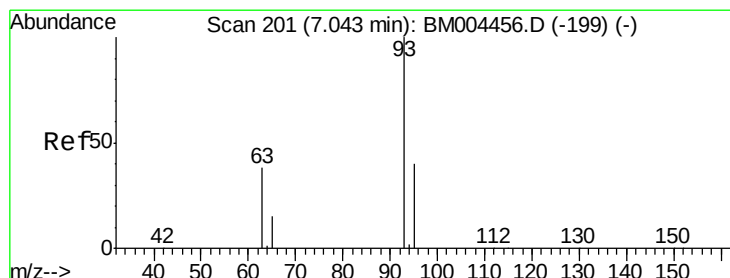
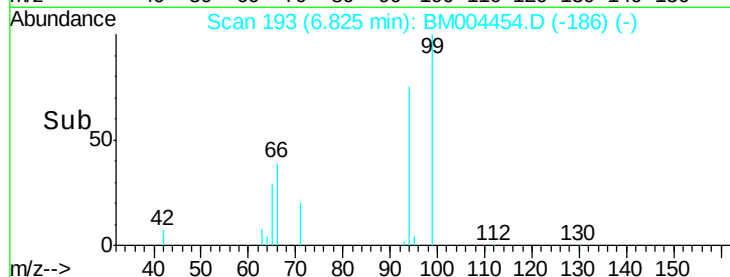
400

200

0

6.60 6.70 6.80 6.90

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.43 ng

RT: 7.04 min Scan# 201

Delta R.T. 0.00 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

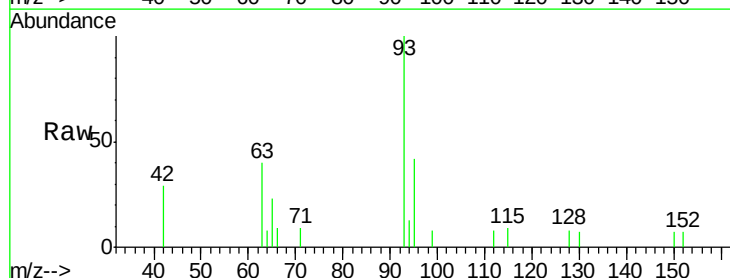
Tgt Ion: 93 Resp: 1385

Ion Ratio Lower Upper

93 100

63 66.1 0.0 0.0#

95 34.6 27.1 40.7



Abundance Ion 93.00 (92.70 to 93.70): BM004454.D (-199) (-)

Ion 63.00 (62.70 to 63.70): BM004454.D (-199) (-)

Ion 95.00 (94.70 to 95.70): BM004454.D (-199) (-)

7.04

1000

800

600

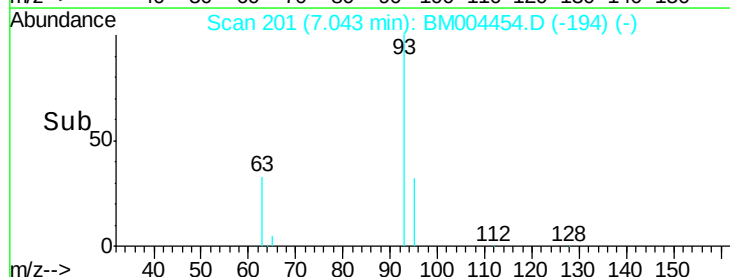
400

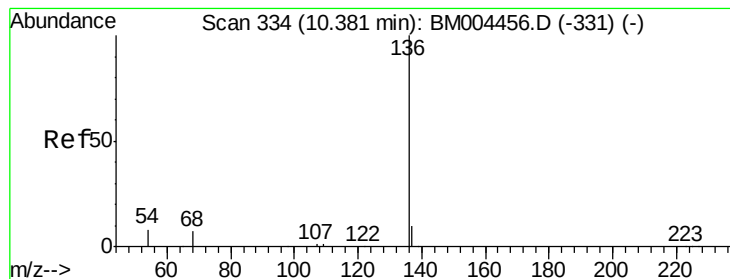
200

0

7.00 7.10

Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 334

Delta R.T. 0.00 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

Tgt Ion:136 Resp: 47326

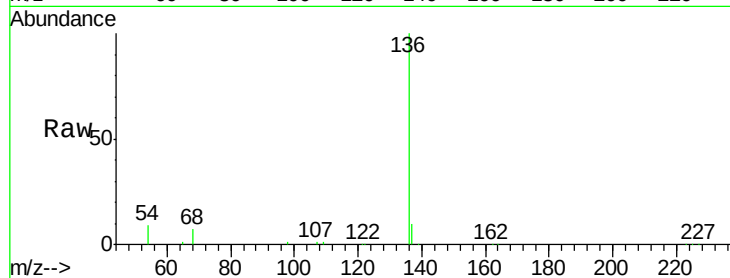
Ion Ratio Lower Upper

136 100

137 10.1 8.0 12.0

54 9.0 7.0 10.6

68 7.3 5.8 8.6

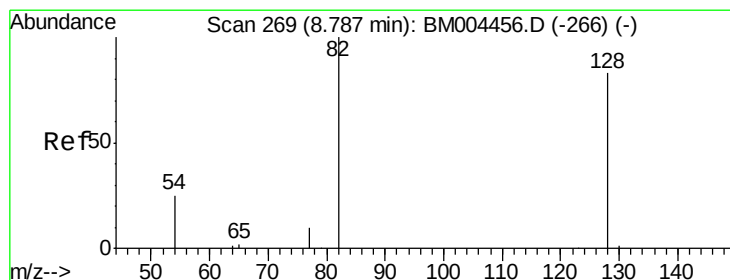
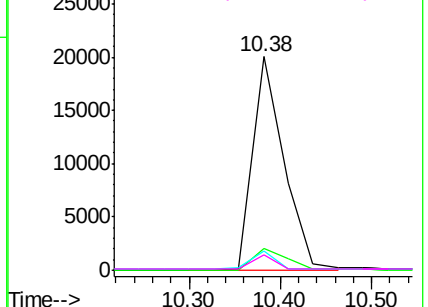
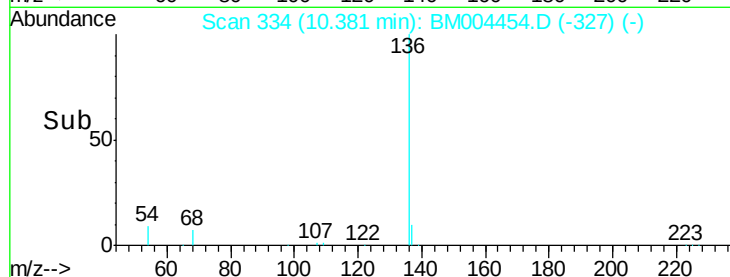


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.58 ng

RT: 8.79 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

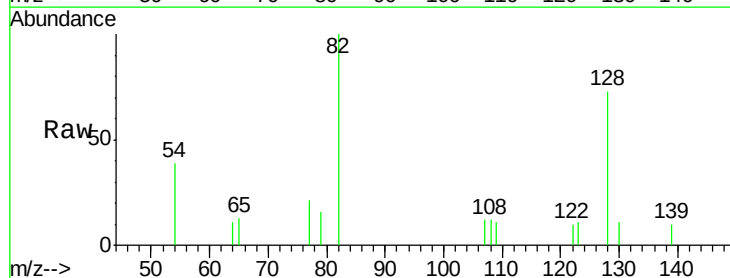
Tgt Ion: 82 Resp: 1234

Ion Ratio Lower Upper

82 100

128 73.0 67.0 100.6

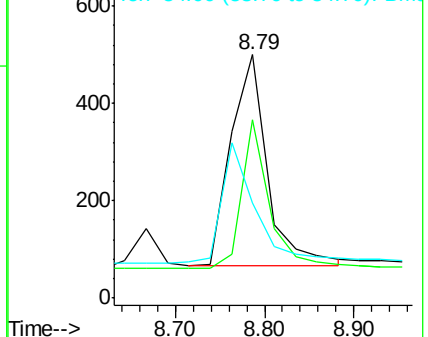
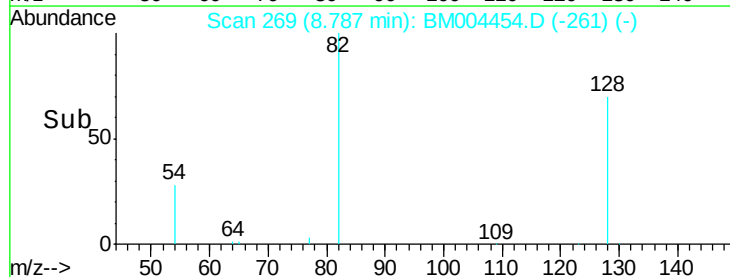
54 39.0 25.2 37.8#

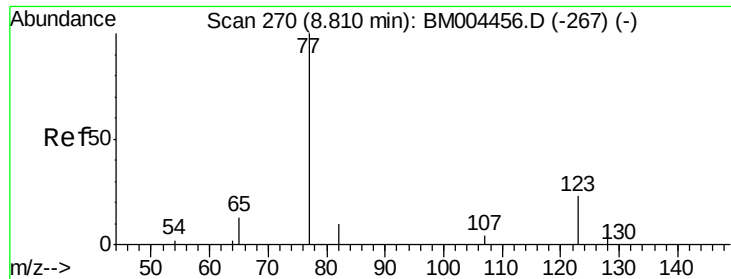


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.57 ng

RT: 8.81 min Scan# 270

Delta R.T. 0.00 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

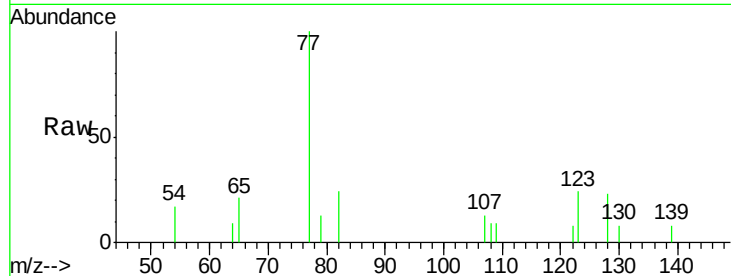
Tgt Ion: 77 Resp: 1380

Ion Ratio Lower Upper

77 100

123 0.0 0.0 0.0

65 13.3 10.1 15.1

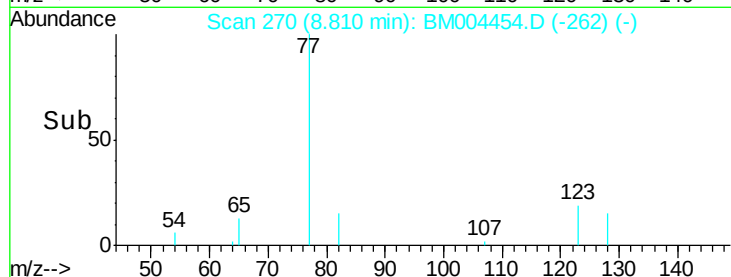


Abundance Ion 77.00 (76.70 to 77.70): BM004456.D (-267) (-)

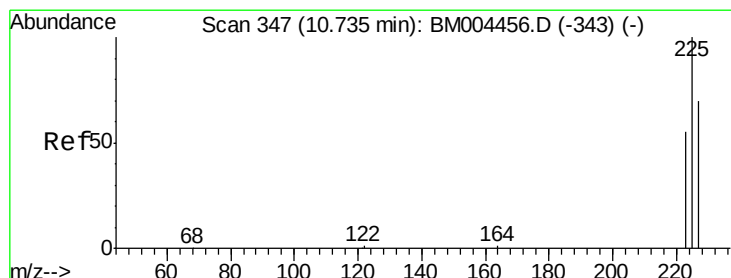
Ion 123.00 (122.70 to 123.70): BM004456.D (-267) (-)

Ion 65.00 (64.70 to 65.70): BM004456.D (-267) (-)

Time-->



Time-->



#10

Hexachlorobutadiene

Concen: 0.55 ng

RT: 10.74 min Scan# 347

Delta R.T. 0.00 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

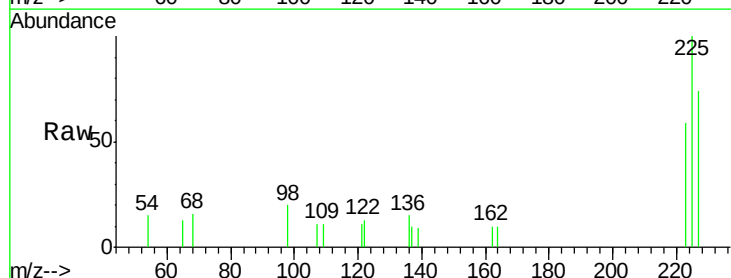
Tgt Ion: 225 Resp: 956

Ion Ratio Lower Upper

225 100

223 59.1 48.4 72.6

227 66.6 52.8 79.2

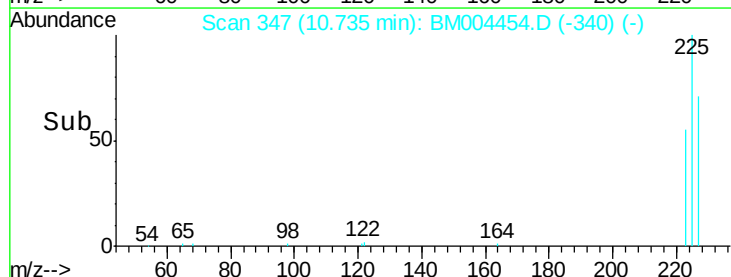


Abundance Ion 225.00 (224.70 to 225.70): BM004456.D (-343) (-)

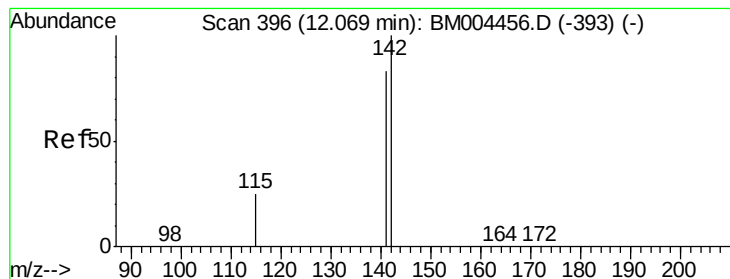
Ion 223.00 (222.70 to 223.70): BM004456.D (-343) (-)

Ion 227.00 (226.70 to 227.70): BM004456.D (-343) (-)

Time-->



Time-->



#11

2-Methylnaphthalene

Concen: 0.51 ng

RT: 12.07 min Scan# 396

Delta R.T. 0.00 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

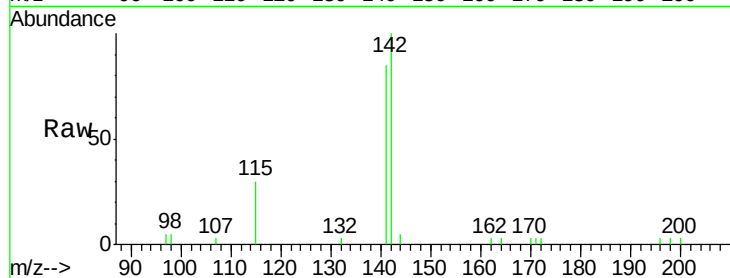
Tgt Ion:142 Resp: 3649

Ion Ratio Lower Upper

142 100

141 85.4 66.4 99.6

115 30.2 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

2500

2000

1500

1000

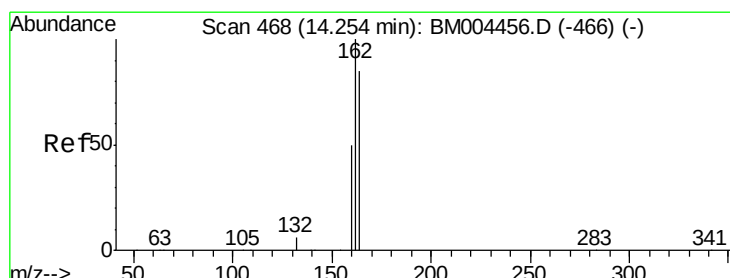
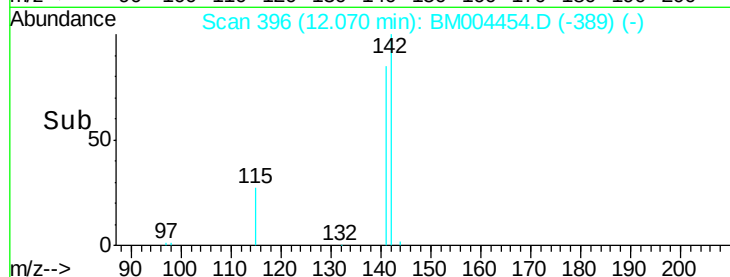
500

0

Time-->

12.00 12.10 12.20

12.07



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.25 min Scan# 468

Delta R.T. 0.00 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

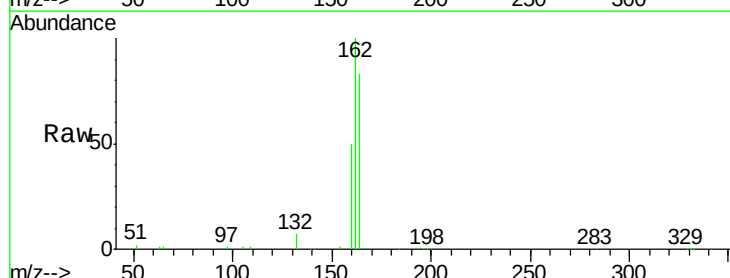
Tgt Ion:164 Resp: 28701

Ion Ratio Lower Upper

164 100

162 119.9 94.6 141.8

160 60.4 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

20000

15000

10000

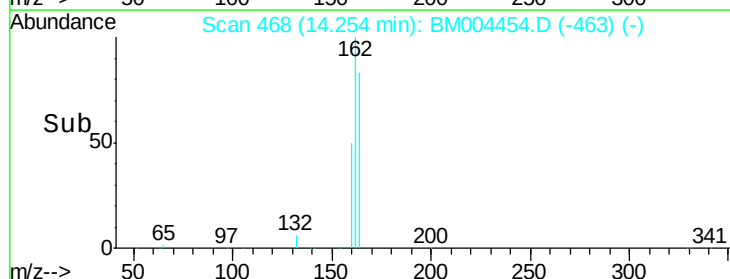
5000

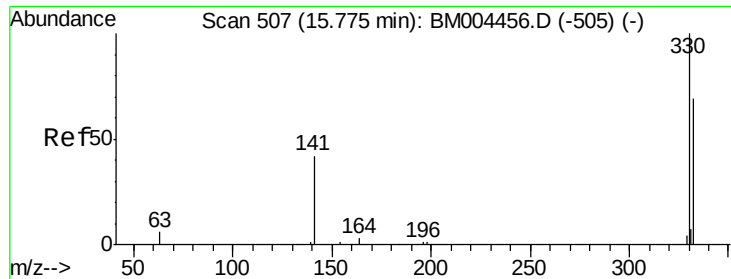
0

Time-->

14.20 14.30

14.25

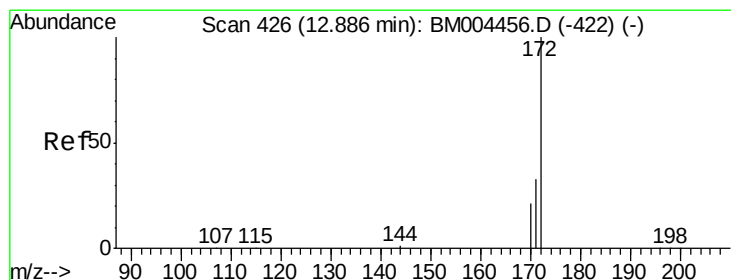
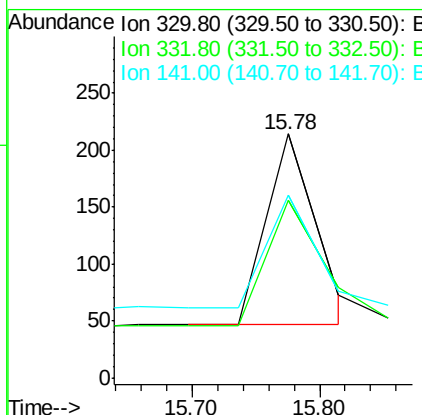
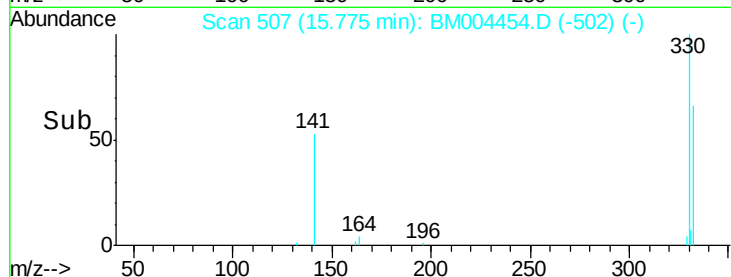
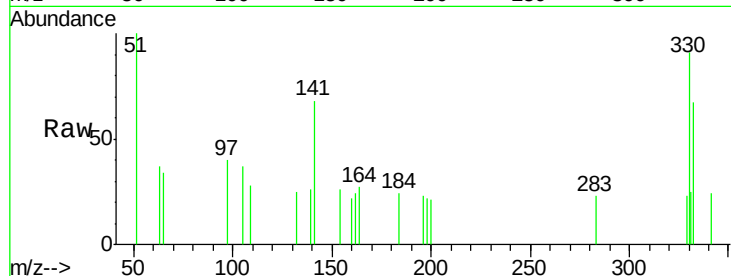




#13
 2,4,6-Tribromophenol
 Concen: 0.53 ng
 RT: 15.78 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BM004454.D
 Acq: 28 Feb 2016 17:18

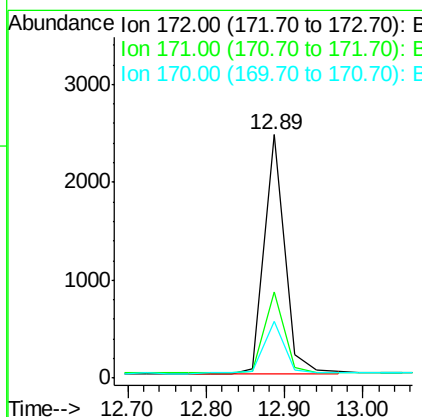
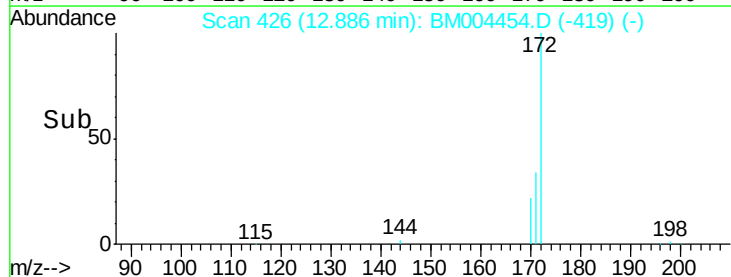
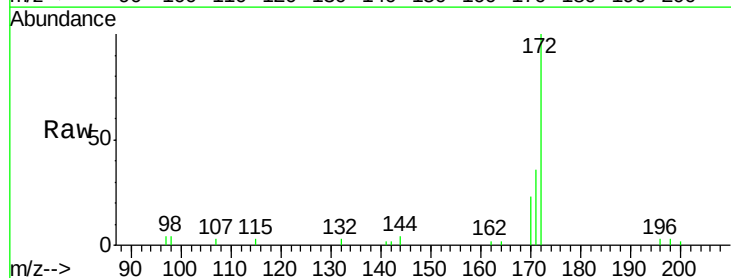
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

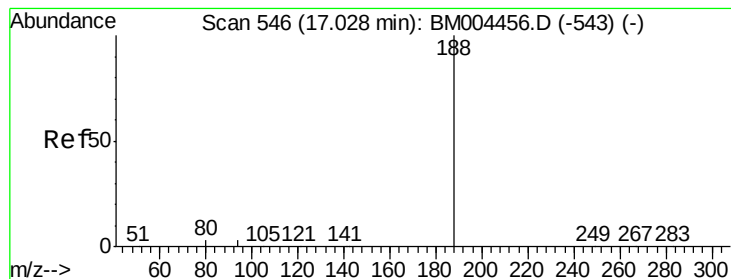
Tgt Ion: 330 Resp: 452
 Ion Ratio Lower Upper
 330 100
 332 74.6 59.2 88.8
 141 58.0 33.0 49.4#



#14
 2-Fluorobiphenyl
 Concen: 0.51 ng
 RT: 12.89 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BM004454.D
 Acq: 28 Feb 2016 17:18

Tgt Ion: 172 Resp: 4456
 Ion Ratio Lower Upper
 172 100
 171 35.5 27.2 40.8
 170 23.4 17.4 26.0





#15

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.03 min Scan# 546

Delta R.T. 0.00 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

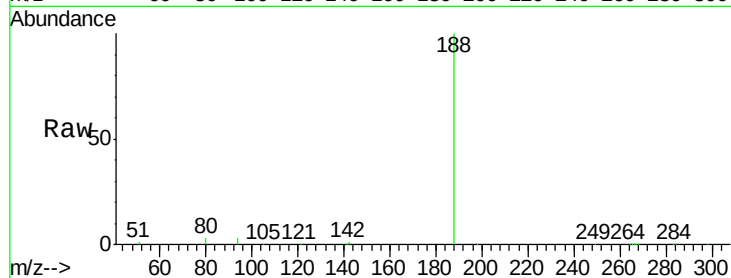
Tgt Ion:188 Resp: 45906

Ion Ratio Lower Upper

188 100

94 3.5 2.7 4.1

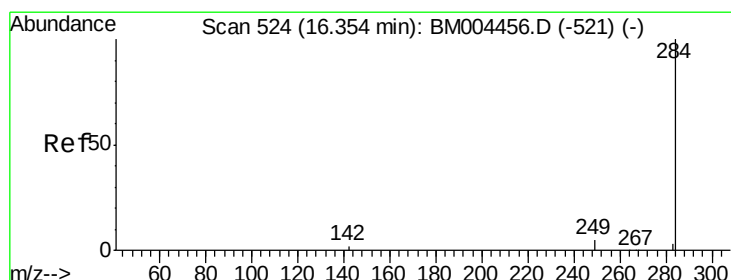
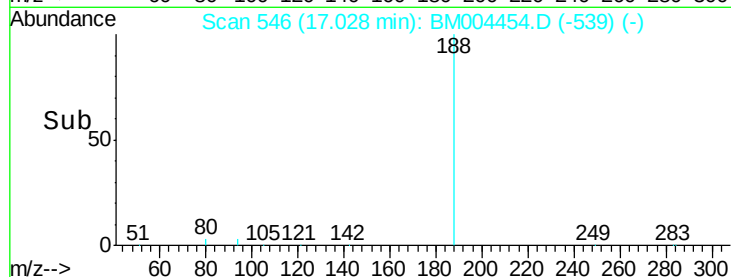
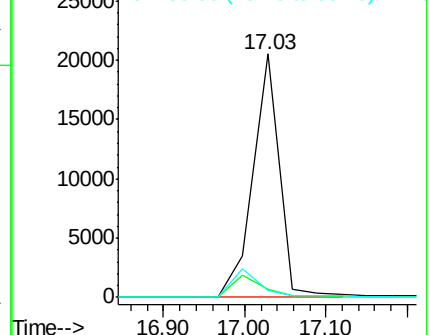
80 3.0 2.2 3.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#16

Hexachlorobenzene

Concen: 0.76 ng

RT: 16.35 min Scan# 524

Delta R.T. 0.00 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

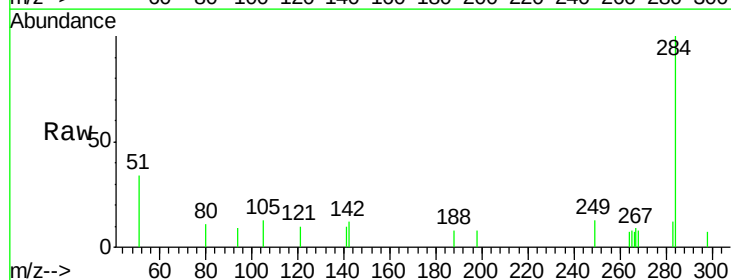
Tgt Ion:284 Resp: 1258

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

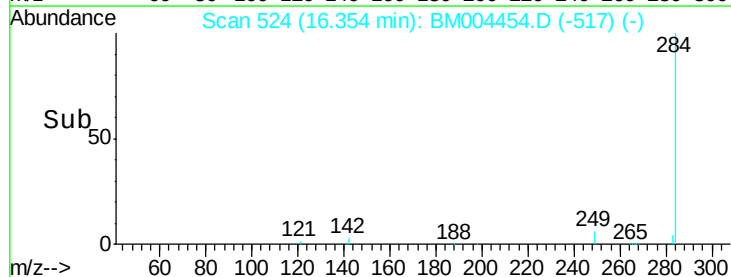
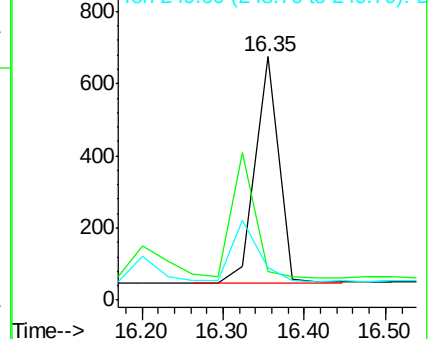
249 0.0 0.0 0.0

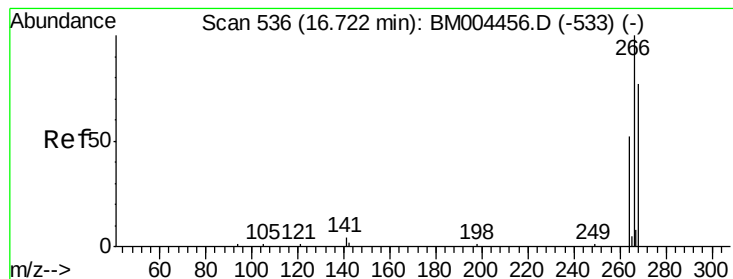


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#17

Pentachlorophenol

Concen: 0.82 ng

RT: 16.72 min Scan# 536

Delta R.T. 0.00 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

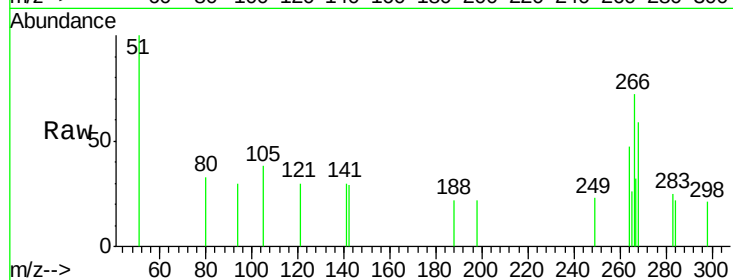
Tgt Ion:266 Resp: 358

Ion Ratio Lower Upper

266 100

268 81.6 66.8 100.2

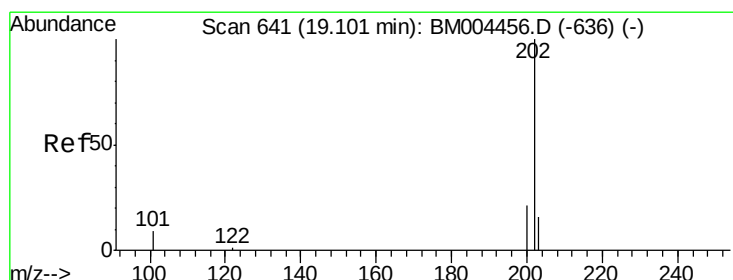
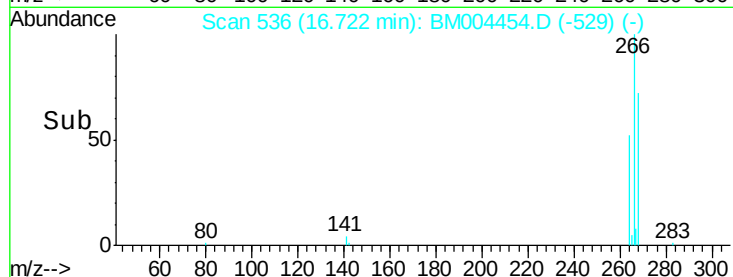
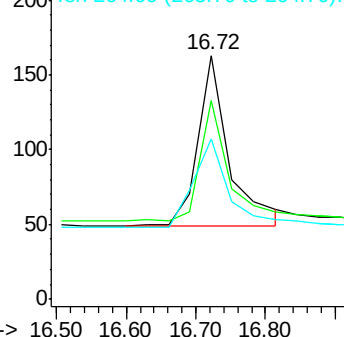
264 65.6 49.4 74.0



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: 0.64 ng

RT: 19.10 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

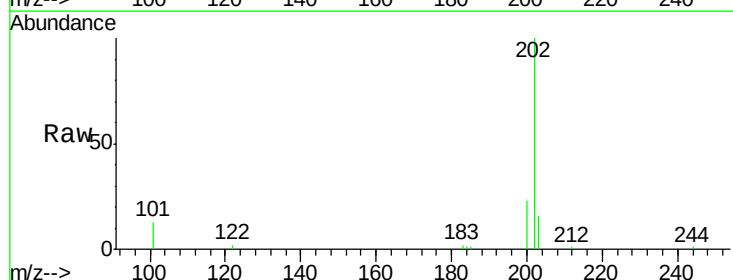
Tgt Ion:202 Resp: 8270

Ion Ratio Lower Upper

202 100

101 11.6 9.4 14.0

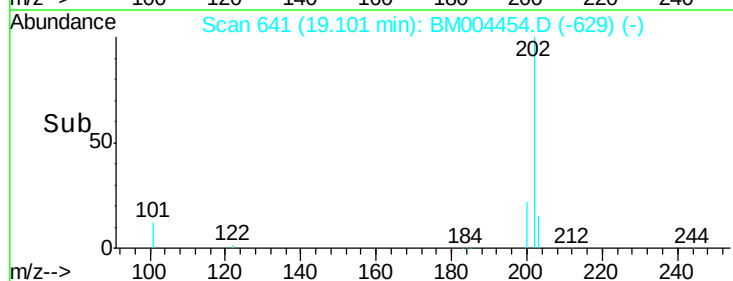
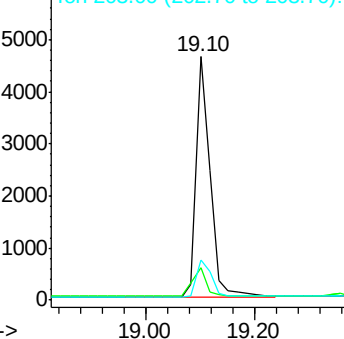
203 17.1 13.9 20.9

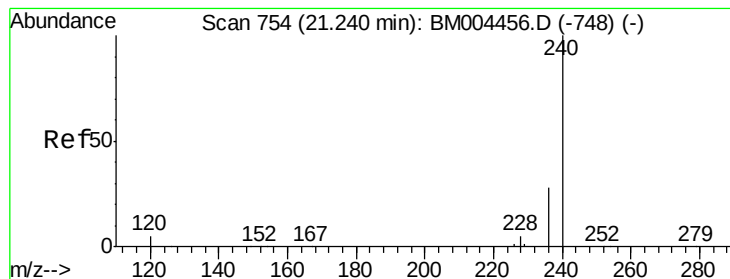


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.25 min Scan# 754

Delta R.T. 0.01 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

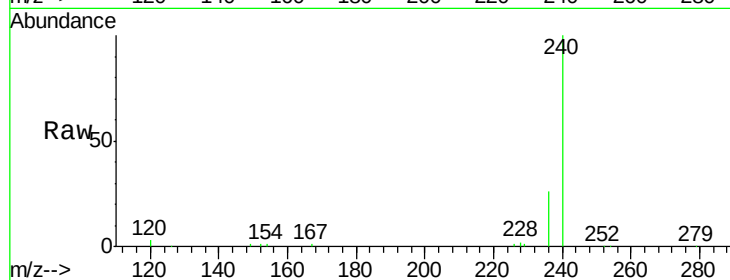
Tgt Ion:240 Resp: 58015

Ion Ratio Lower Upper

240 100

120 2.6 4.0 6.0#

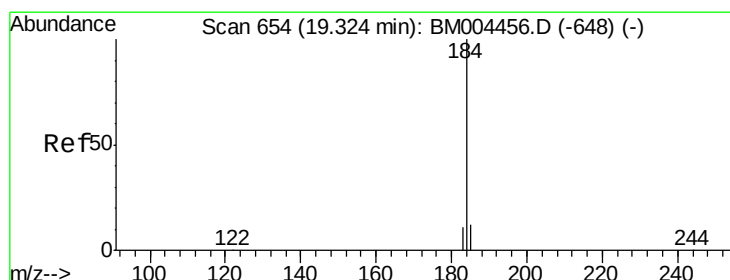
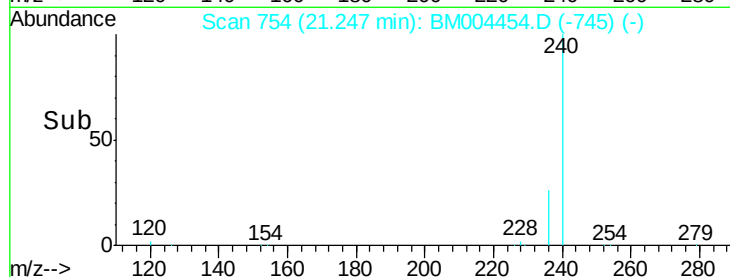
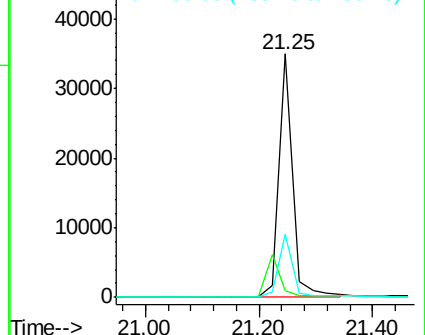
236 25.7 22.7 34.1



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: 0.34 ng

RT: 19.34 min Scan# 655

Delta R.T. 0.02 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

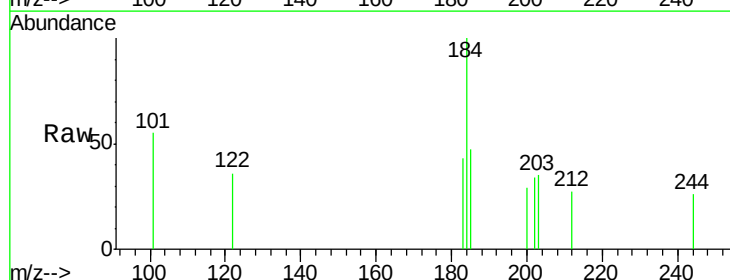
Tgt Ion:184 Resp: 961

Ion Ratio Lower Upper

184 100

185 46.9 20.8 31.2#

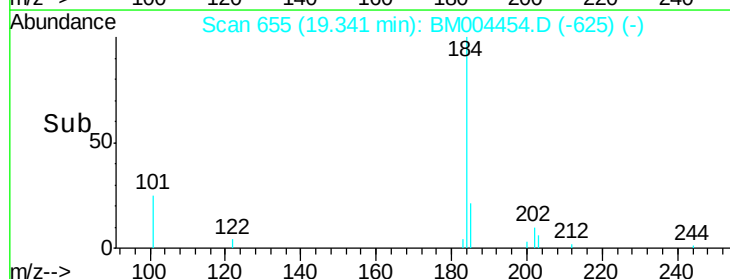
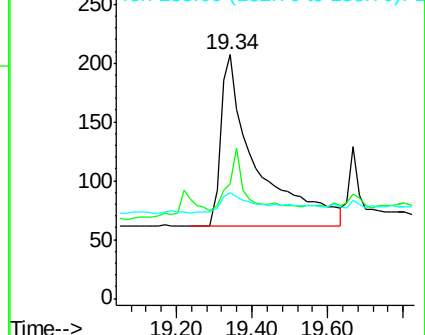
183 43.5 18.5 27.7#

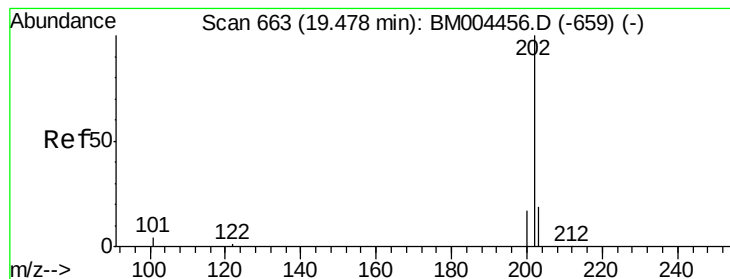


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#21

Pyrene

Concen: 0.52 ng

RT: 19.48 min Scan# 663

Delta R.T. 0.00 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

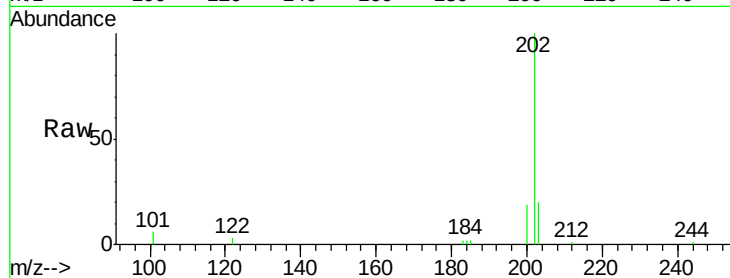
Tgt Ion:202 Resp: 8558

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

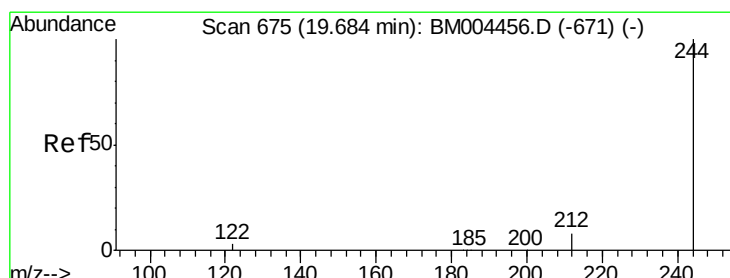
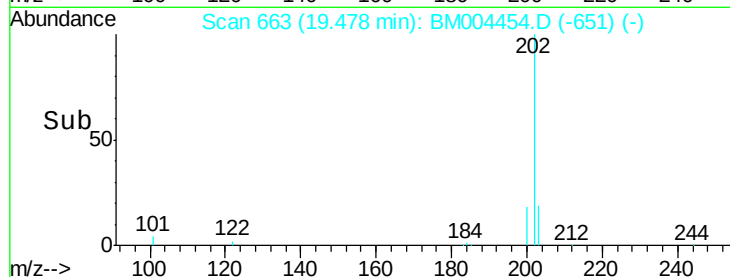
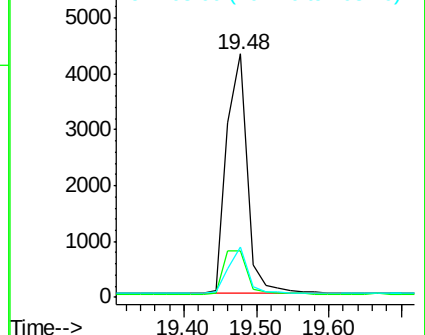
203 17.6 13.9 20.9



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: 0.49 ng

RT: 19.68 min Scan# 675

Delta R.T. 0.00 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

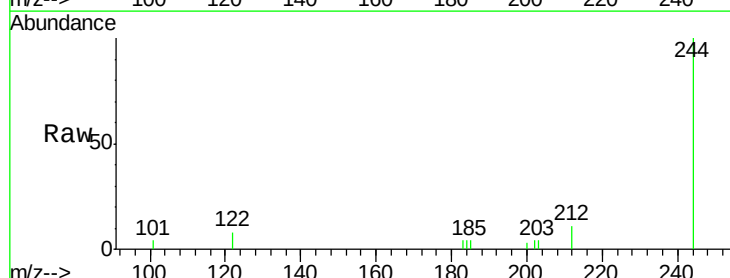
Tgt Ion:244 Resp: 3641

Ion Ratio Lower Upper

244 100

212 10.6 7.4 11.2

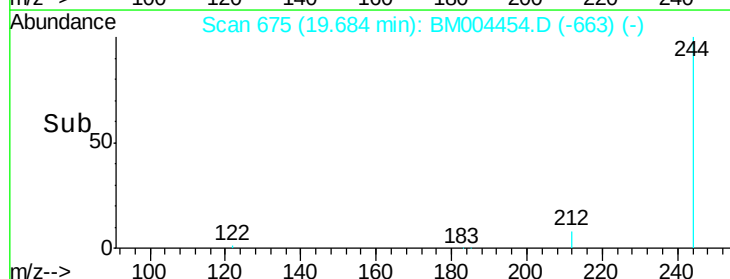
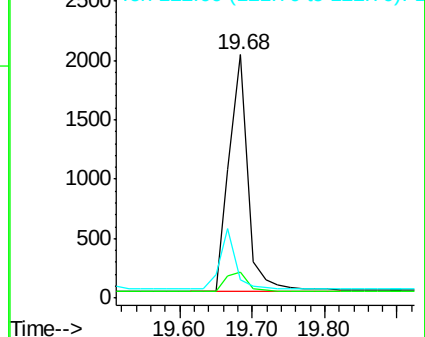
122 7.5 4.2 6.2#

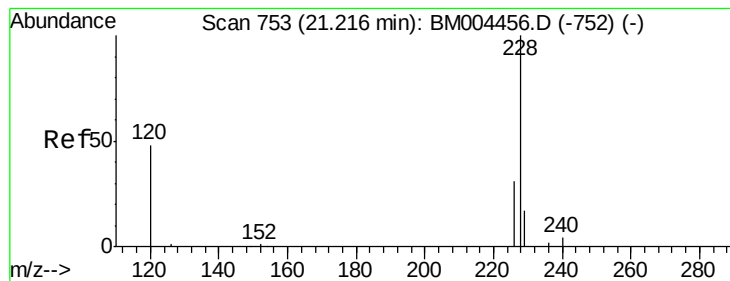


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#23

Benzo(a)anthracene

Concen: 0.49 ng

RT: 21.22 min Scan# 753

Delta R.T. 0.01 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

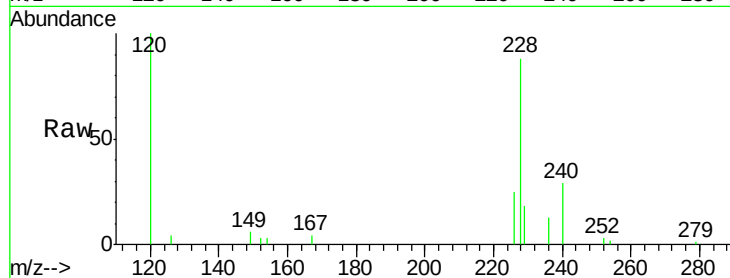
Tgt Ion:228 Resp: 8547

Ion Ratio Lower Upper

228 100

226 28.8 25.1 37.7

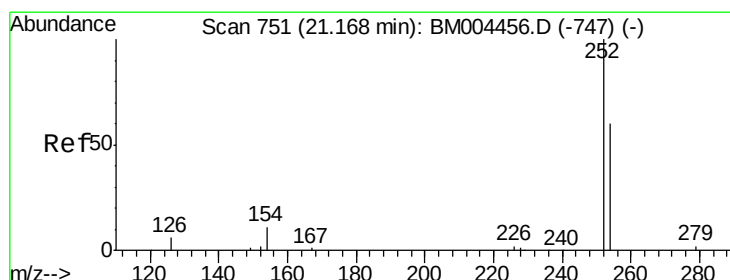
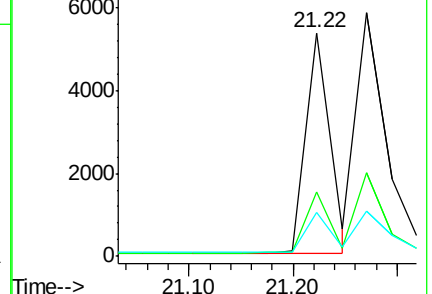
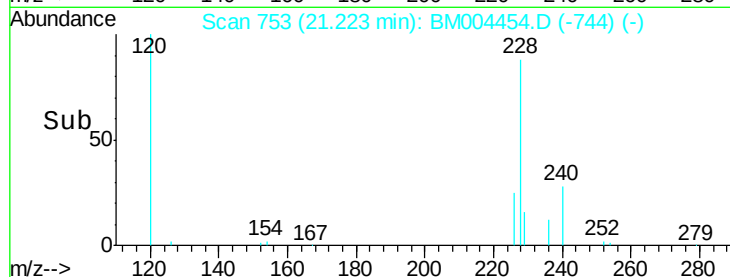
229 19.9 14.2 21.4



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: 0.62 ng

RT: 21.18 min Scan# 751

Delta R.T. 0.01 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

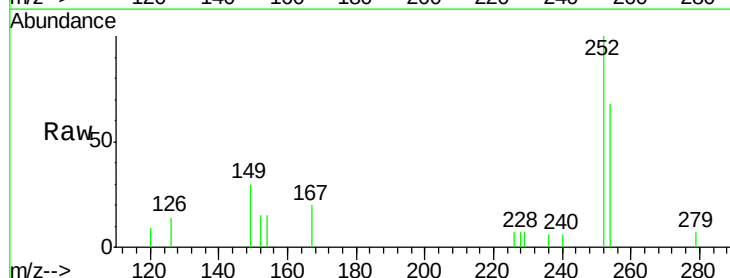
Tgt Ion:252 Resp: 2615

Ion Ratio Lower Upper

252 100

254 67.8 48.7 73.1

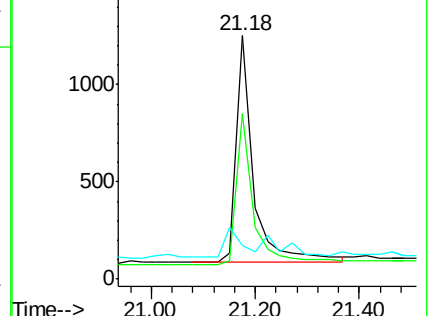
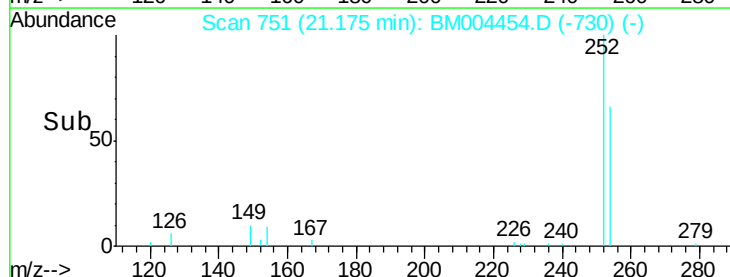
126 13.7 8.2 12.2#

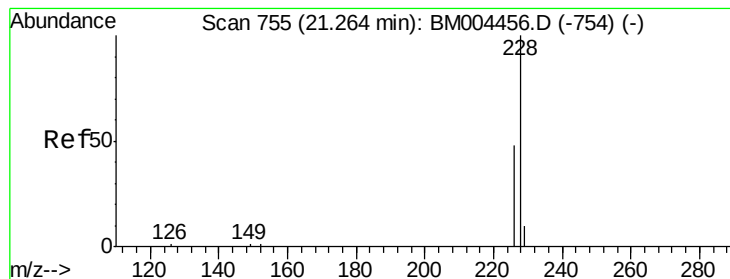


Abundance Ion 252.00 (251.70 to 252.70): E

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: 21.22 min Scan# 753

Delta R.T. -0.04 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

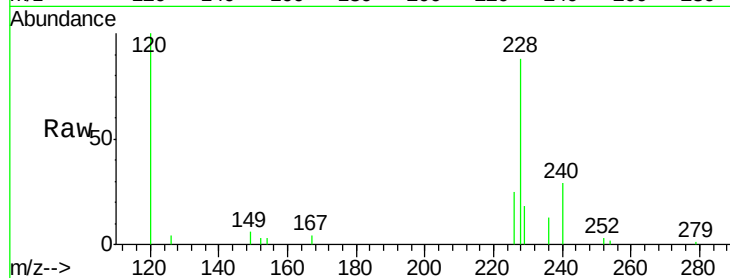
Tgt Ion:228 Resp: 8539

Ion Ratio Lower Upper

228 100

226 28.8 31.0 46.6#

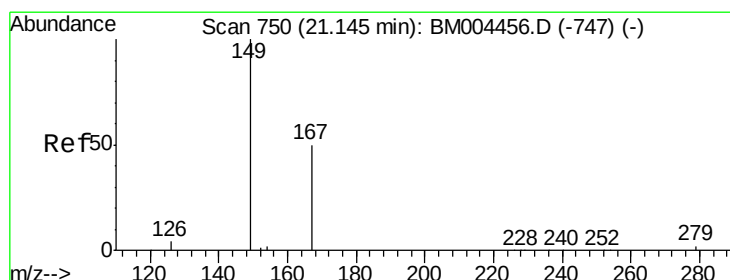
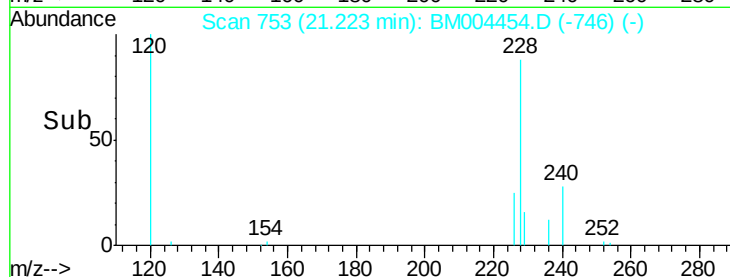
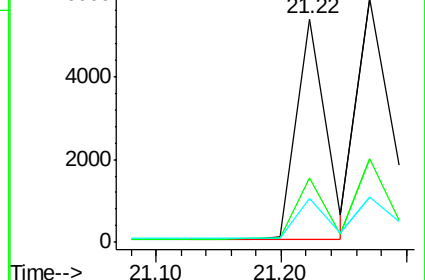
229 19.9 13.4 20.2



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: 0.68 ng

RT: 21.13 min Scan# 749

Delta R.T. -0.02 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

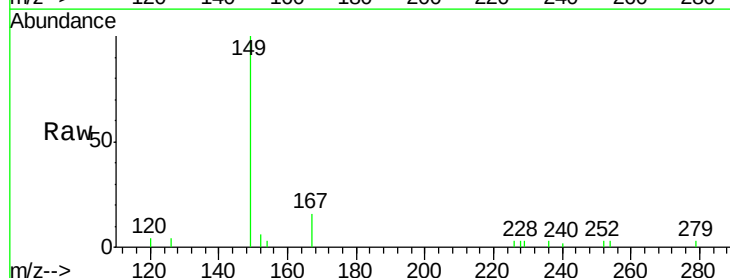
Tgt Ion:149 Resp: 4985

Ion Ratio Lower Upper

149 100

167 0.0 33.1 49.7#

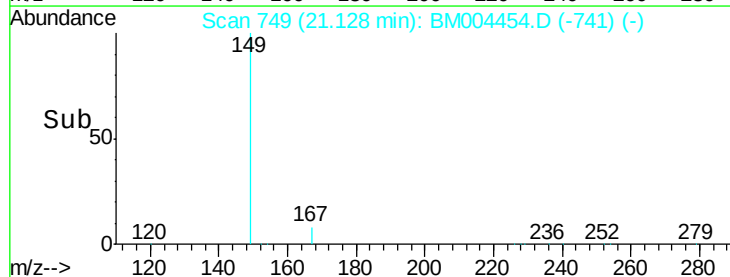
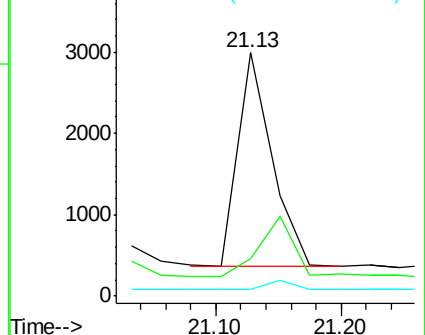
279 0.0 2.0 3.0#

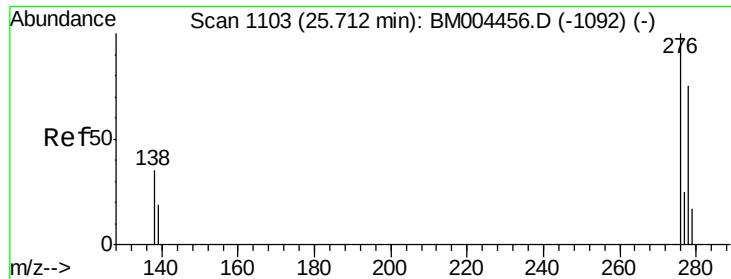


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

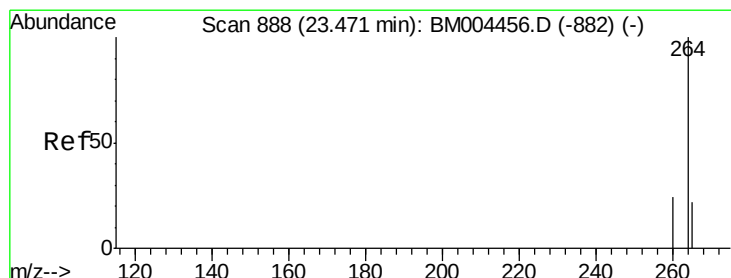
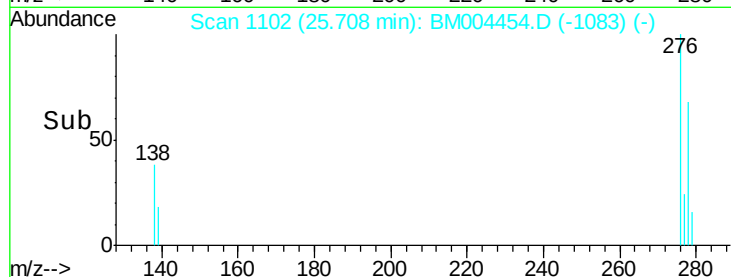
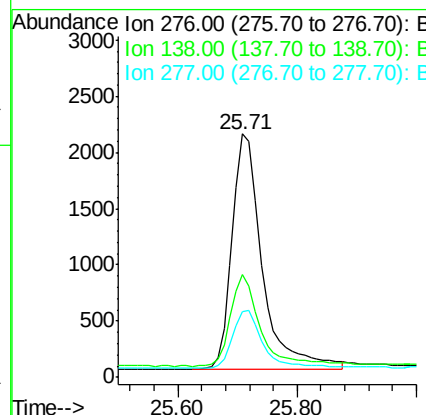
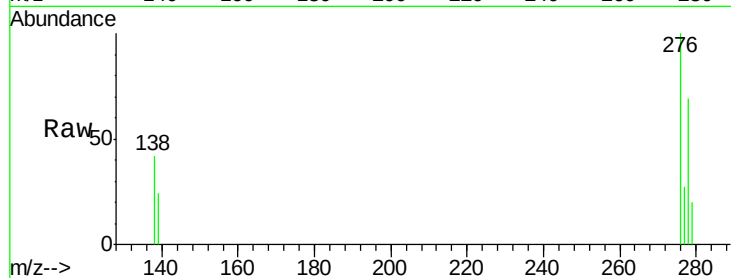




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.44 ng
RT: 25.71 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BM004454.D
Acq: 28 Feb 2016 17:18

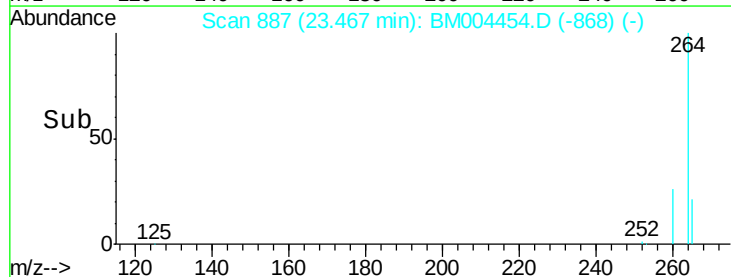
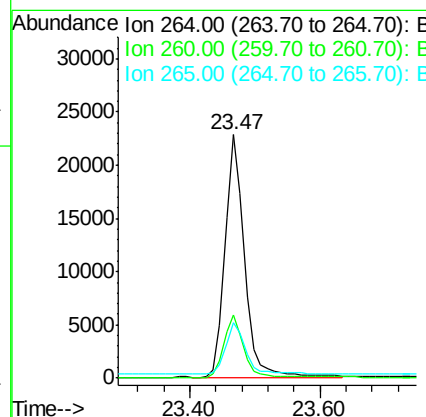
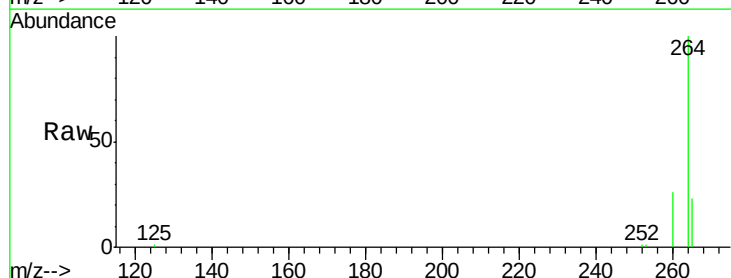
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

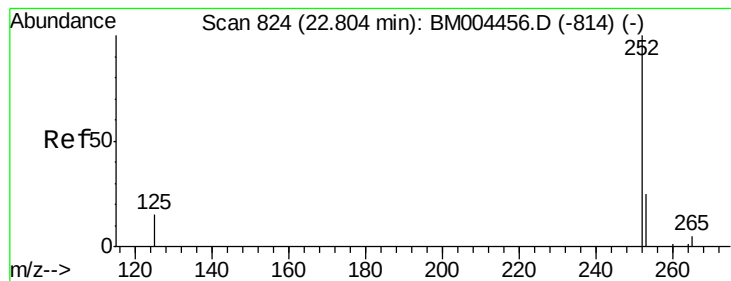
Tgt Ion: 276 Resp: 7375
Ion Ratio Lower Upper
276 100
138 38.1 30.0 45.0
277 24.7 19.8 29.8



#28
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 887
Delta R.T. -0.00 min
Lab File: BM004454.D
Acq: 28 Feb 2016 17:18

Tgt Ion: 264 Resp: 47189
Ion Ratio Lower Upper
264 100
260 25.8 19.4 29.2
265 22.5 18.9 28.3





#29

Benzo(b)fluoranthene

Concen: 0.56 ng

RT: 22.80 min Scan# 823

Delta R.T. -0.00 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

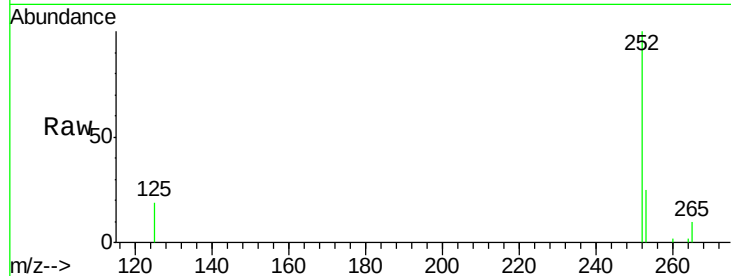
Tgt Ion:252 Resp: 8414

Ion Ratio Lower Upper

252 100

253 25.0 19.8 29.6

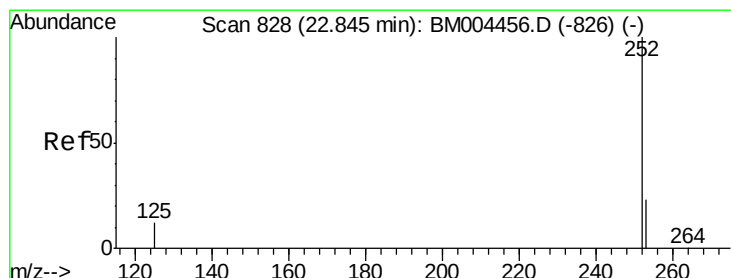
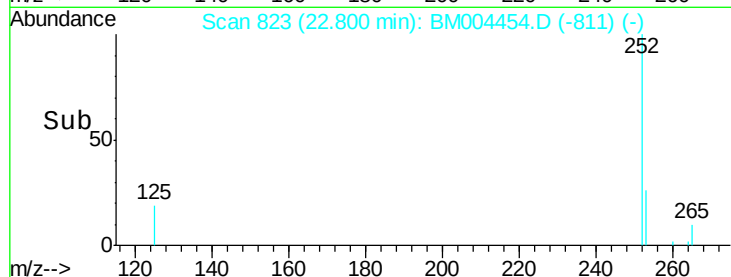
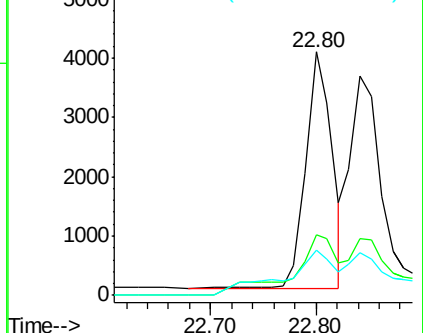
125 18.7 12.2 18.2#



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: 0.56 ng

RT: 22.84 min Scan# 827

Delta R.T. -0.00 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

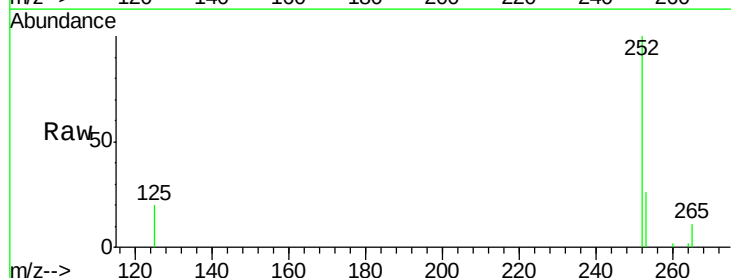
Tgt Ion:252 Resp: 7471

Ion Ratio Lower Upper

252 100

253 25.8 19.3 28.9

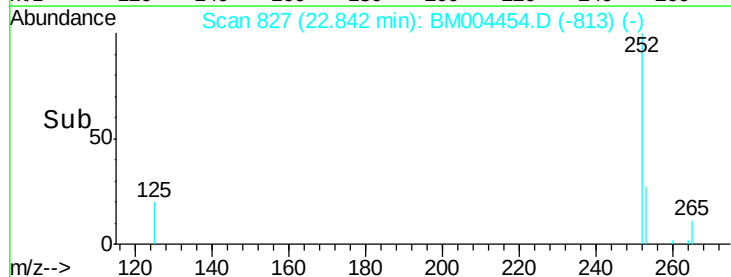
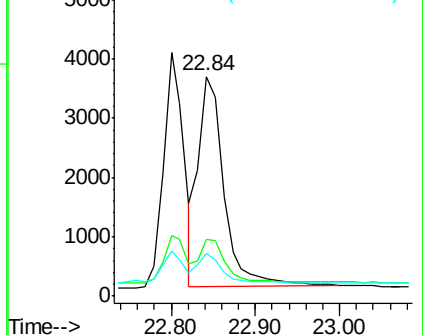
125 19.7 12.4 18.6#

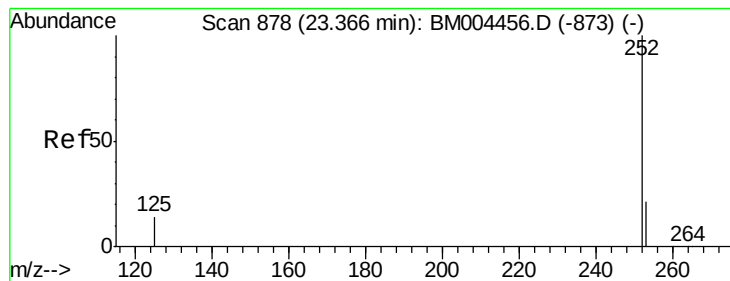


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#31

Benzo(a)pyrene

Concen: 0.49 ng

RT: 23.37 min Scan# 878

Delta R.T. 0.01 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

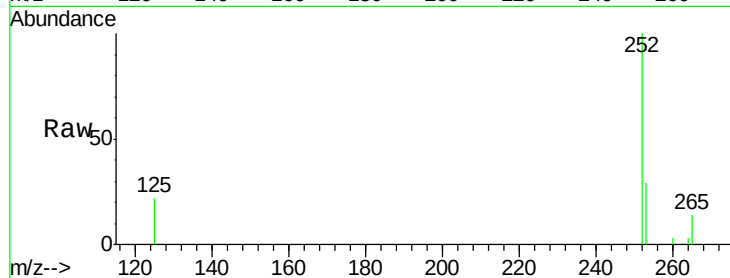
Tgt Ion:252 Resp: 6331

Ion Ratio Lower Upper

252 100

253 28.6 19.3 28.9

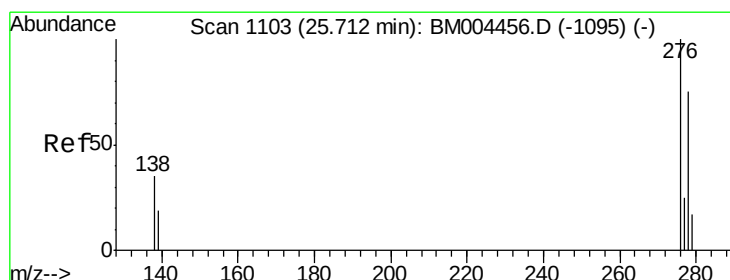
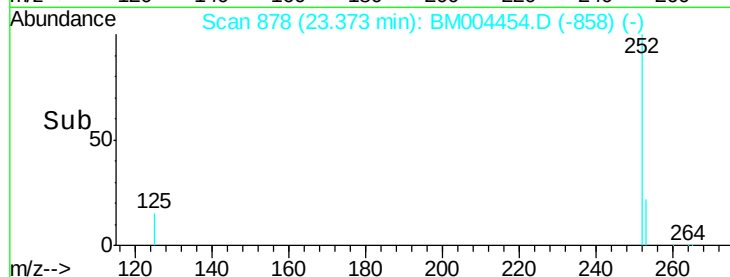
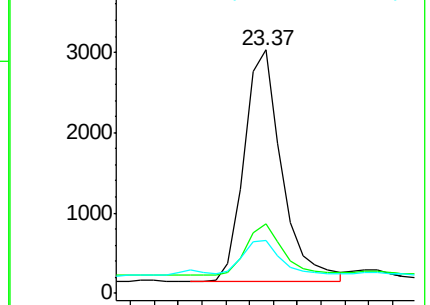
125 21.5 14.4 21.6



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: 0.50 ng

RT: 25.72 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BM004454.D

Acq: 28 Feb 2016 17:18

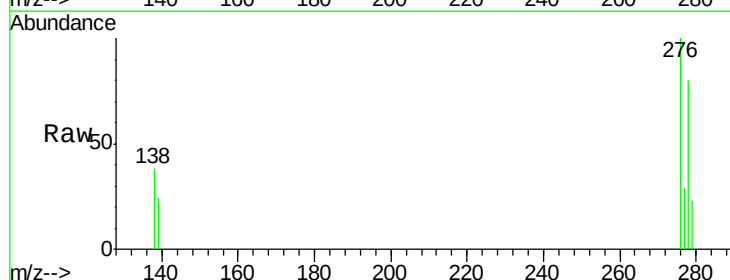
Tgt Ion:278 Resp: 5744

Ion Ratio Lower Upper

278 100

139 29.4 22.3 33.5

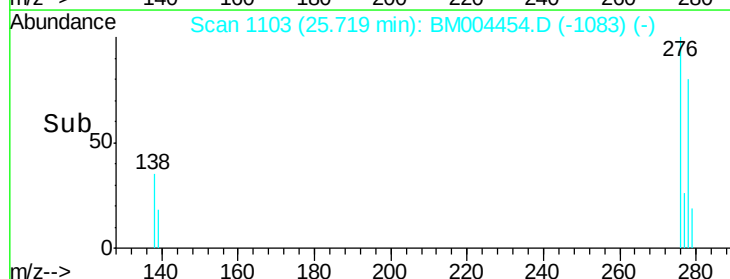
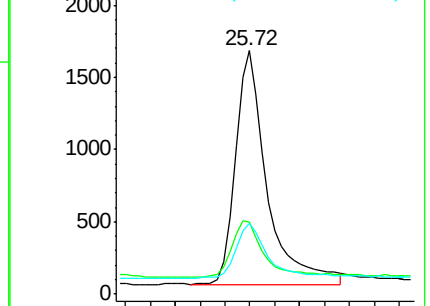
279 29.1 20.7 31.1

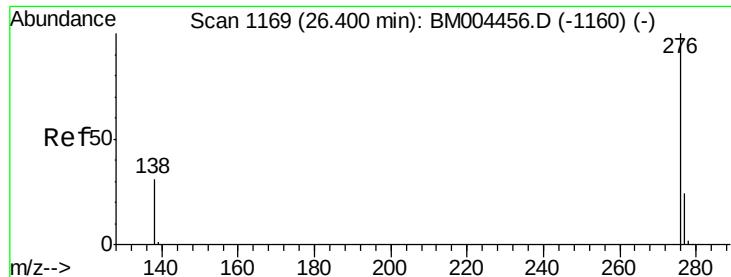


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.50 ng

RT: 26.40 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BM004454.D

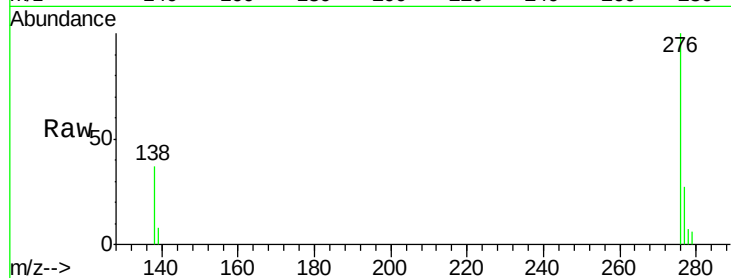
Acq: 28 Feb 2016 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5



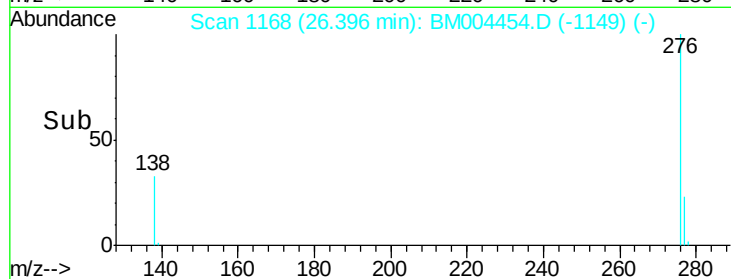
Tgt Ion: 276 Resp: 6345

Ion Ratio Lower Upper

276 100

277 26.9 20.4 30.6

138 36.9 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

