

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122915\
 Data File : BM003825.D
 Acq On : 28 Dec 2015 13:04
 Operator : UM/SJ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

Quant Time: Dec 29 01:30:04 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 10:08:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	53747	5.00	ng	0.00
7) Naphthalene-d8	10.46	136	226483	5.00	ng	-0.02
13) Acenaphthene-d10	14.33	164	131046	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	238183	5.00	ng	0.00
26) Chrysene-d12	21.29	240	176856	5.00	ng	0.00
35) Perylene-d12	23.53	264	147575	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	11615	0.91	ng	0.02
5) Phenol-d6	6.87	99	14340	0.92	ng	0.00
8) Nitrobenzene-d5	8.85	82	10479	0.87	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	3022	0.87	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	36241	0.90	ng	0.00
29) Terphenyl-d14	19.72	244	29909	1.02	ng	0.00

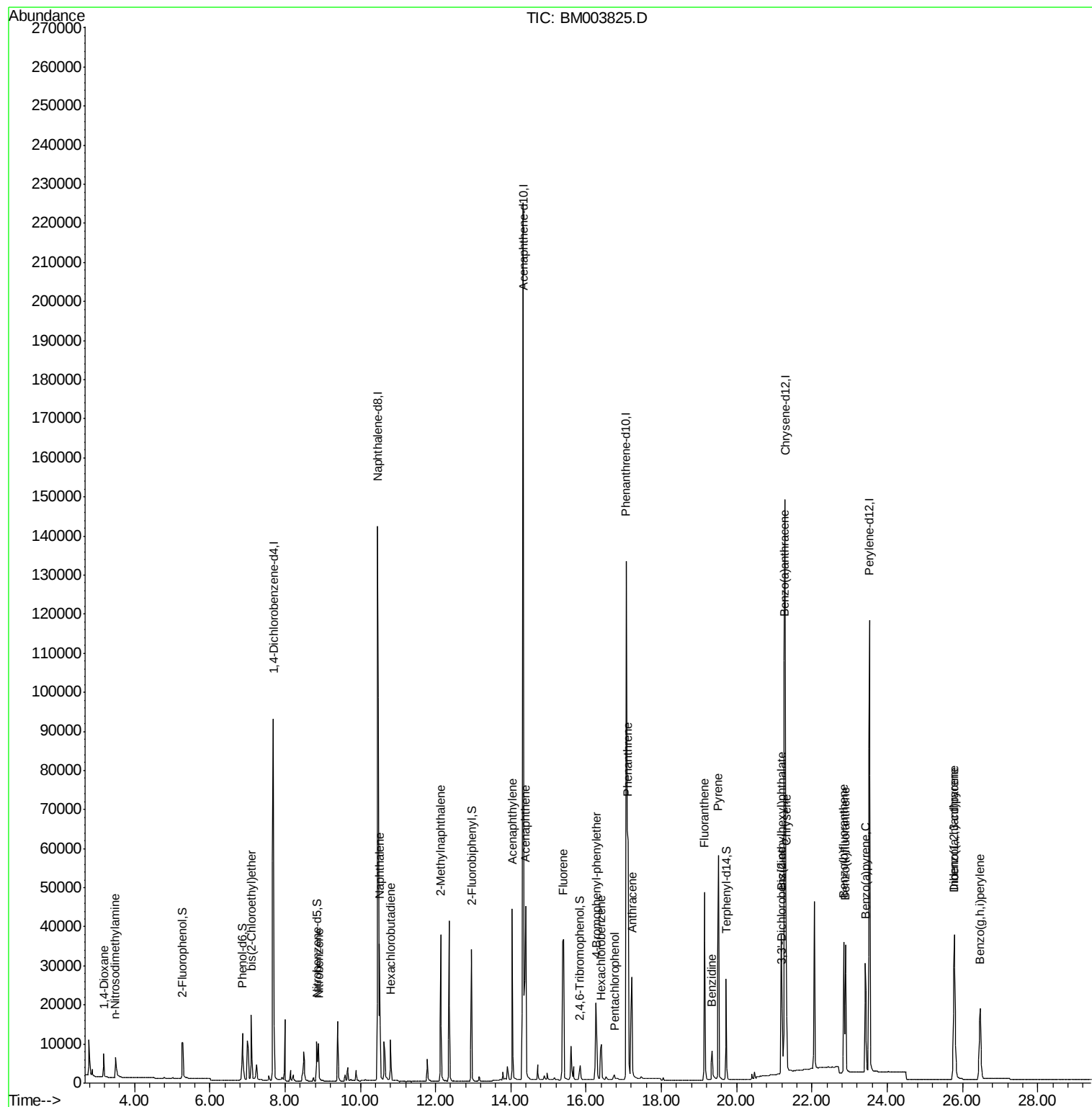
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	4796	0.93	ng	100
3) n-Nitrosodimethylamine	3.49	42	4906	0.86	ng	99
6) bis(2-Chloroethyl)ether	7.10	93	12175	0.88	ng	100
9) Nitrobenzene	8.89	77	11897	0.87	ng	99
10) Naphthalene	10.51	128	47338	0.92	ng	99
11) Hexachlorobutadiene	10.80	225	7420	0.93	ng	100
12) 2-Methylnaphthalene	12.14	142	31711	0.92	ng	96
16) Acenaphthylene	14.04	152	53766	0.90	ng	100
17) Acenaphthene	14.39	154	33231	0.91	ng	98
18) Fluorene	15.39	166	39125	0.88	ng	99
20) 4-Bromophenyl-phenylether	16.27	248	12368	1.22	ng	95
21) Hexachlorobenzene	16.40	284	11776	1.20	ng	# 97
22) Pentachlorophenol	16.76	266	1455	0.65	ng	97
23) Phenanthrene	17.11	178	72953	1.12	ng	99
24) Anthracene	17.22	178	50894	0.91	ng	99
25) Fluoranthene	19.14	202	62042	0.89	ng	100
27) Benzidine	19.35	184	16267	1.37	ng	99
28) Pyrene	19.52	202	64020	1.06	ng	100
30) Benzo(a)anthracene	21.27	228	48691m	0.91	ng	
31) 3,3'-Dichlorobenzidine	21.21	252	16075	1.09	ng	# 88
32) Chrysene	21.31	228	47521m	0.87	ng	
33) Bis(2-ethylhexyl)phthalate	21.19	149	38306	1.14	ng	# 98
34) Indeno(1,2,3-cd)pyrene	25.78	276	43699	1.17	ng	100
36) Benzo(b)fluoranthene	22.85	252	41493	0.86	ng	97
37) Benzo(k)fluoranthene	22.89	252	40815	0.92	ng	98
38) Benzo(a)pyrene	23.42	252	38927	0.94	ng	98
39) Dibenzo(a,h)anthracene	25.79	278	35171	1.09	ng	96
40) Benzo(g,h,i)perylene	26.47	276	37778	1.11	ng	96

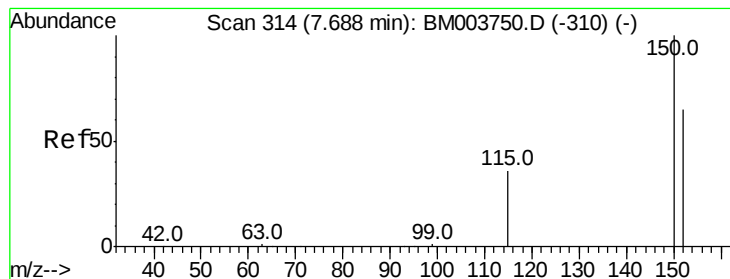
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 24 10:08:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.69 min Scan# 314

Delta R.T. -0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

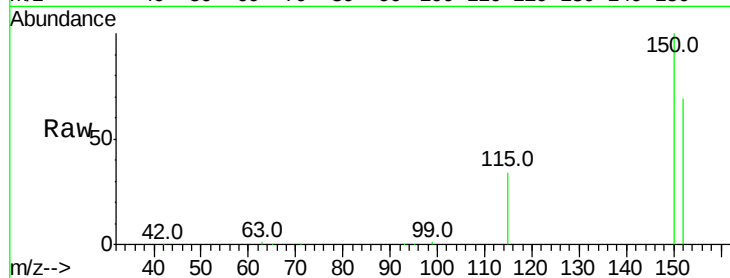
Tot Ion:152 Resp: 53747

Ion Ratio Lower Upper

152 100

150 144.6 122.9 184.3

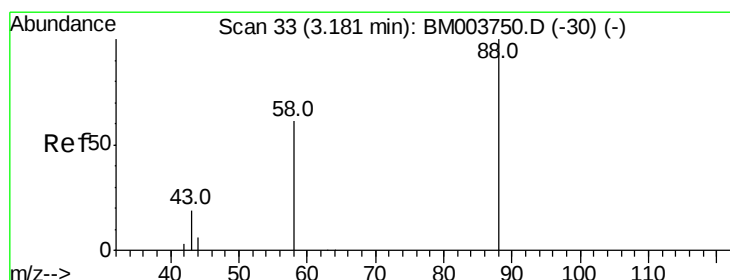
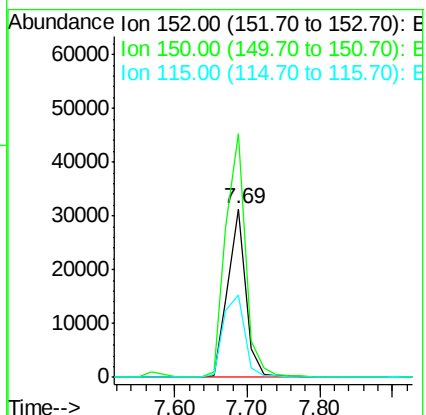
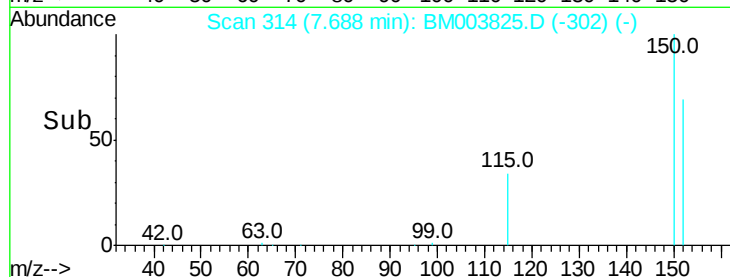
115 49.1 44.4 66.6



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: 0.93 ng

RT: 3.18 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

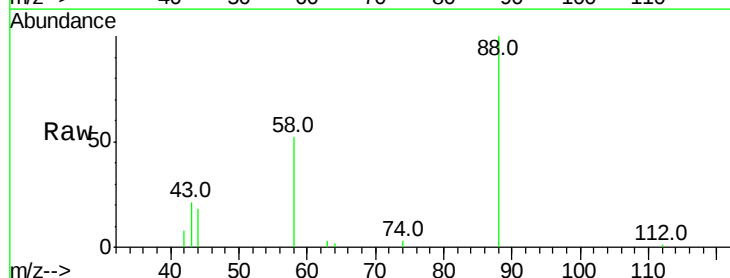
Tgt Ion: 88 Resp: 4796

Ion Ratio Lower Upper

88 100

58 67.3 53.8 80.6

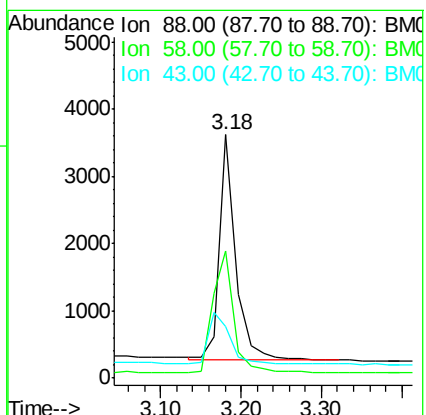
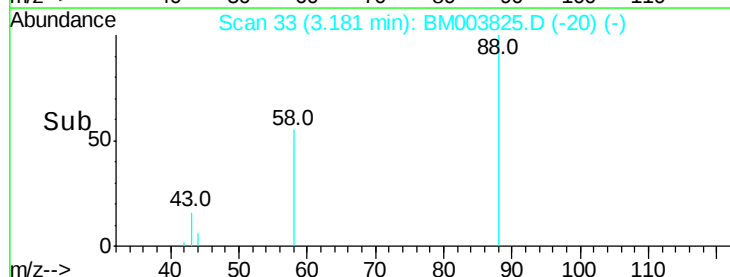
43 29.6 23.8 35.6

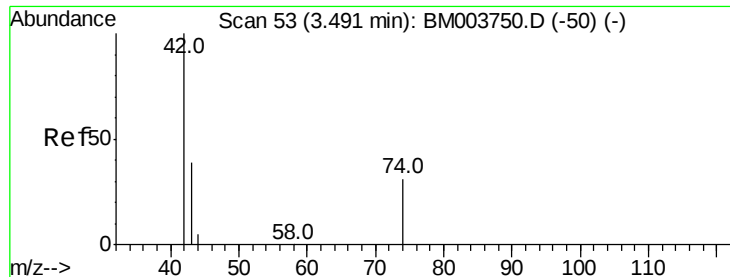


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.86 ng

RT: 3.49 min Scan# 53

Delta R.T. -0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

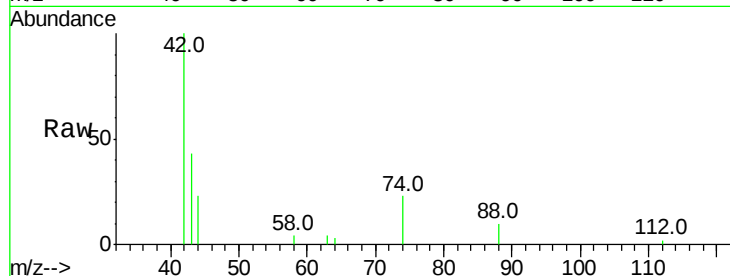
Tot Ion: 42 Resp: 4906

Ion Ratio Lower Upper

42 100

74 119.5 95.0 142.4

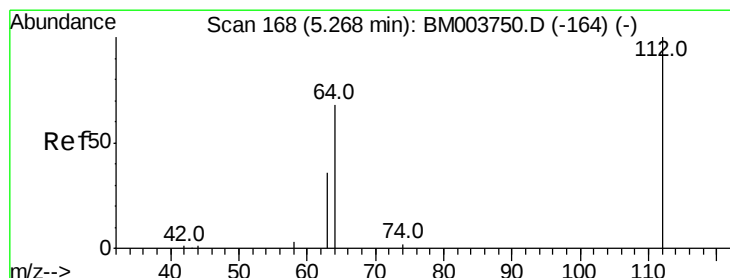
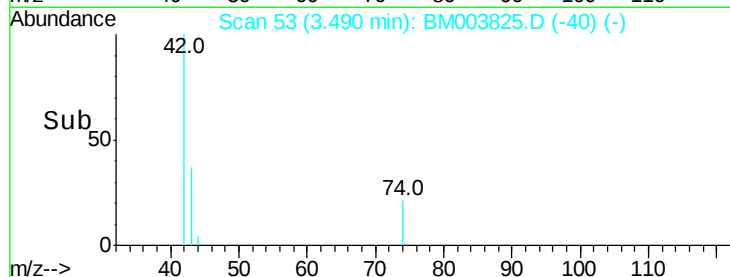
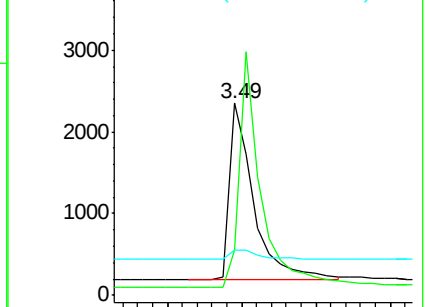
44 6.4 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BM003825.D (-155) (-)

Ion 74.00 (73.70 to 74.70): BM003825.D (-155) (-)

Ion 44.00 (43.70 to 44.70): BM003825.D (-155) (-)



#4

2-Fluorophenol

Concen: 0.91 ng

RT: 5.28 min Scan# 169

Delta R.T. 0.02 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

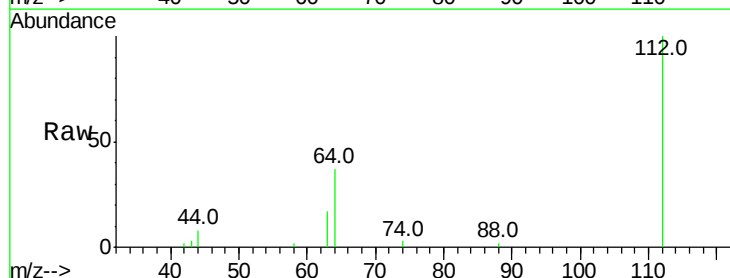
Tgt Ion: 112 Resp: 11615

Ion Ratio Lower Upper

112 100

64 52.1 41.8 62.8

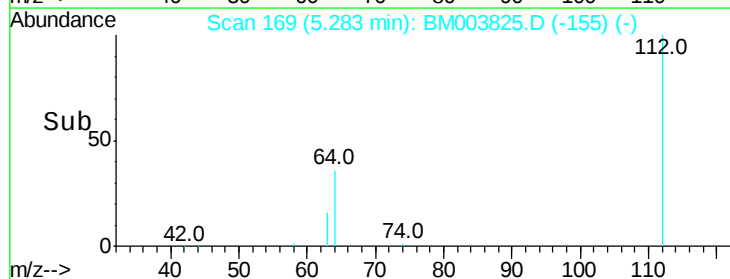
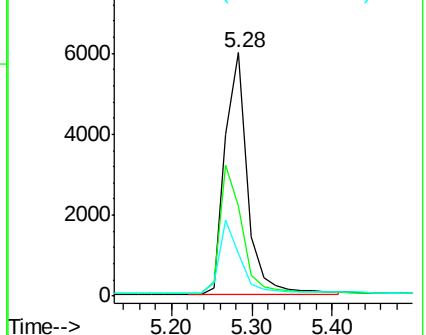
63 27.5 22.1 33.1

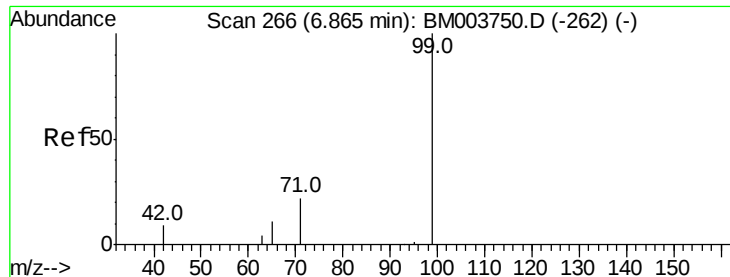


Abundance Ion 112.00 (111.70 to 112.70): BM003825.D (-155) (-)

Ion 64.00 (63.70 to 64.70): BM003825.D (-155) (-)

Ion 63.00 (62.70 to 63.70): BM003825.D (-155) (-)





#5

Phenol-d6

Concen: 0.92 ng

RT: 6.87 min Scan# 266

Delta R.T. -0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

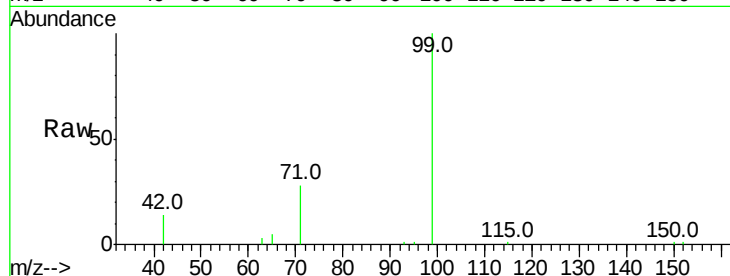
Tot Ion: 99 Resp: 14340

Ion Ratio Lower Upper

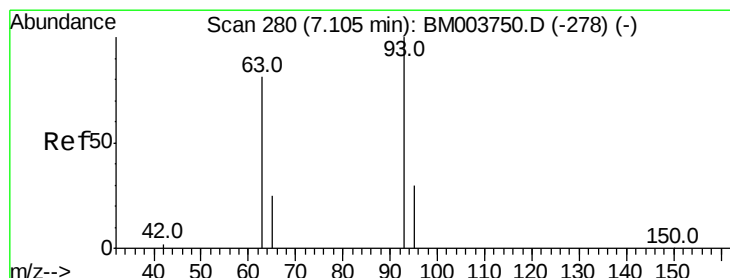
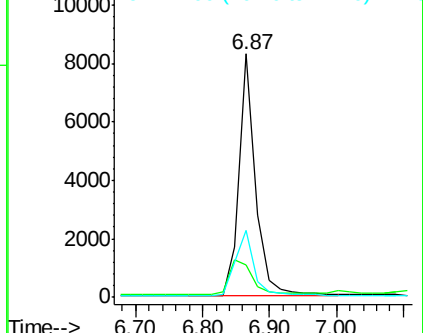
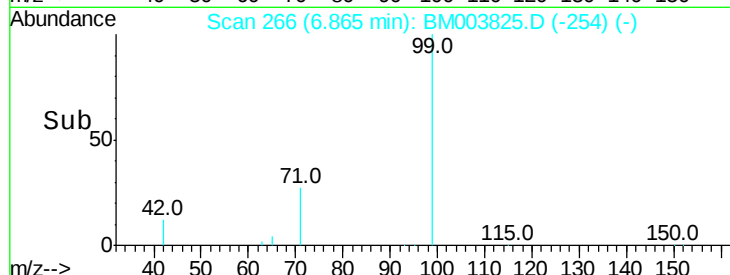
99 100

42 18.9 16.2 24.2

71 30.1 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM003825.D (-254) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.88 ng

RT: 7.10 min Scan# 280

Delta R.T. -0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

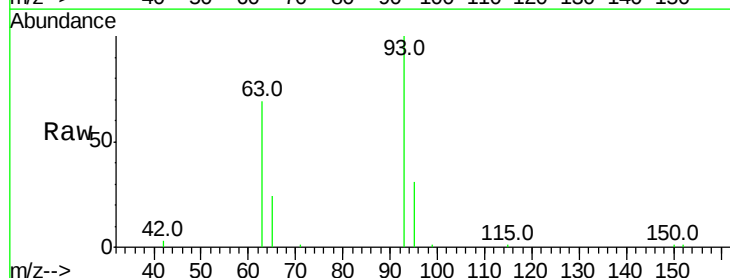
Tgt Ion: 93 Resp: 12175

Ion Ratio Lower Upper

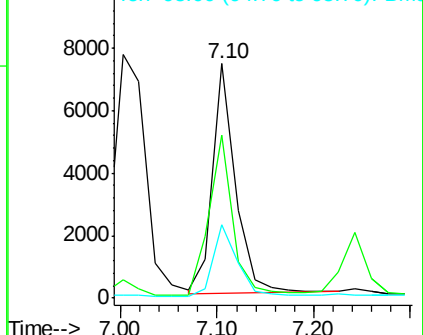
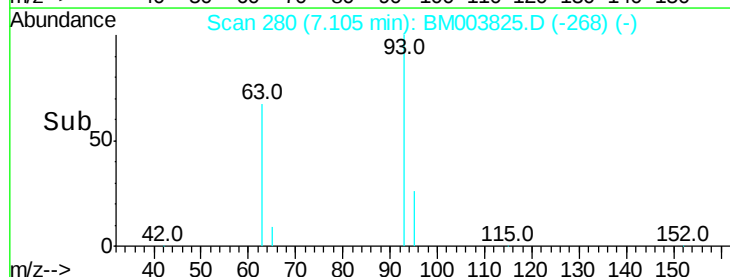
93 100

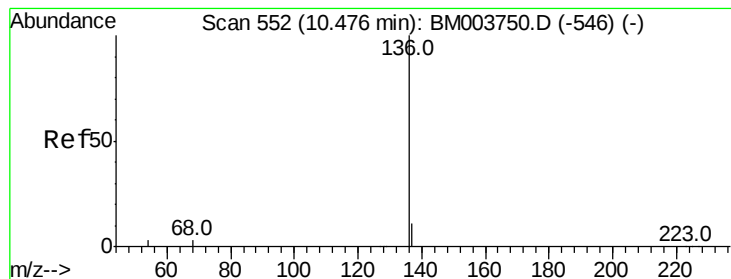
63 72.5 58.3 87.5

95 32.4 25.8 38.8



Abundance Ion 93.00 (92.70 to 93.70): BM003825.D (-268) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. -0.02 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

Tot Ion:136 Resp: 226483

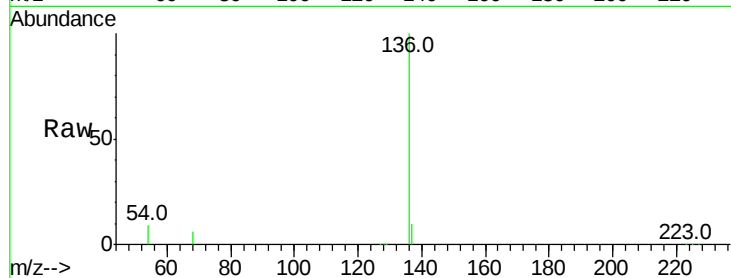
Ion Ratio Lower Upper

136 100

137 10.1 9.2 13.8

54 8.7 2.8 4.2#

68 6.4 2.5 3.7#

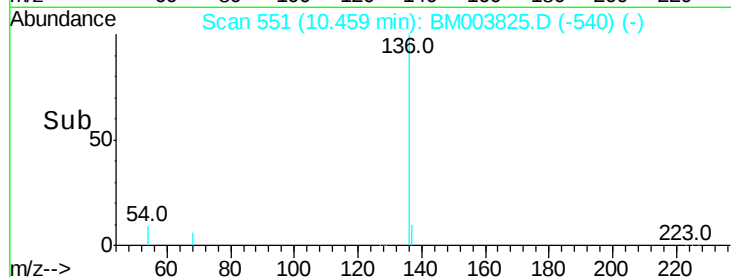


Abundance Ion 136.00 (135.70 to 136.70): E

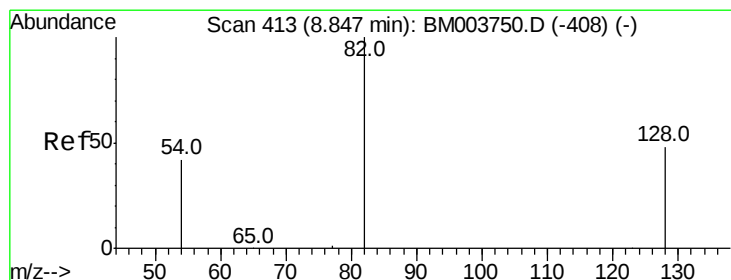
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#8

Nitrobenzene-d5

Concen: 0.87 ng

RT: 8.85 min Scan# 413

Delta R.T. -0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

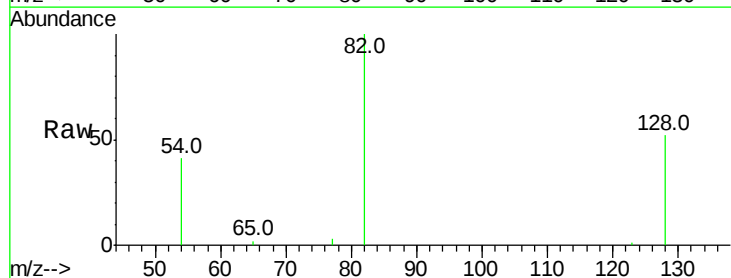
Tgt Ion: 82 Resp: 10479

Ion Ratio Lower Upper

82 100

128 51.9 39.1 58.7

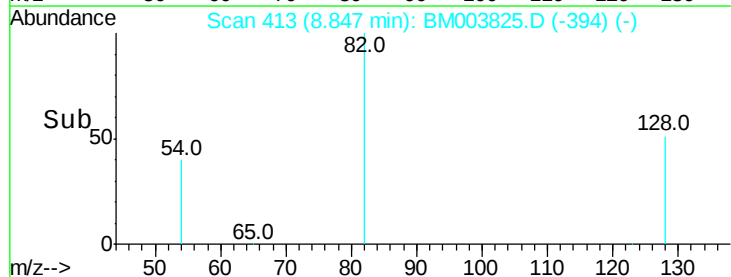
54 40.6 34.8 52.2



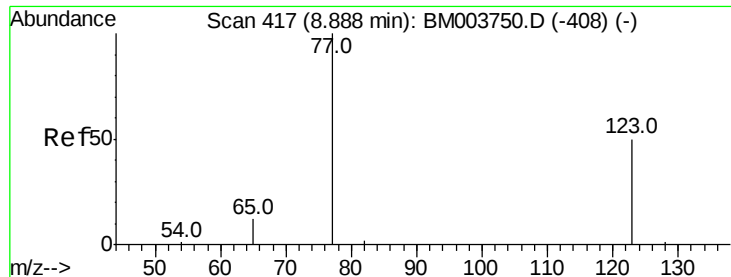
Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



Time-->



#9

Nitrobenzene

Concen: 0.87 ng

RT: 8.89 min Scan# 417

Delta R.T. -0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

Instrument :

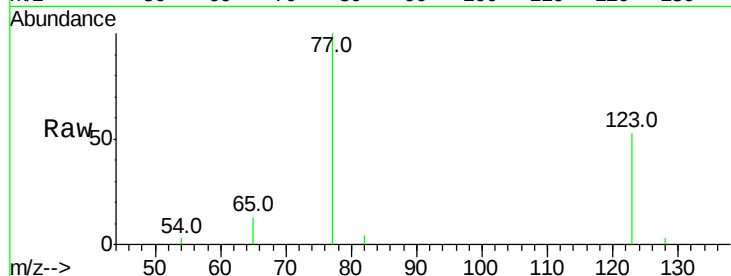
BNA_M

ClientSampleId :

SSTDCCC001

Tot Ion: 77 Resp: 11897

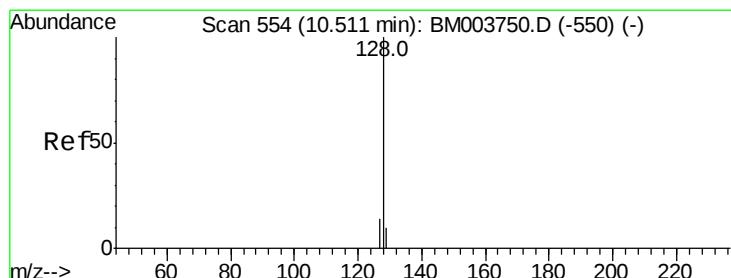
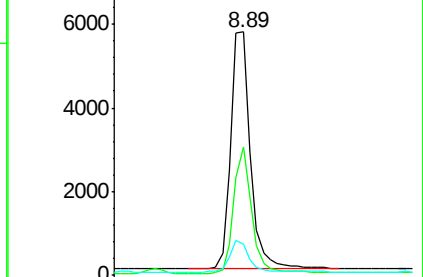
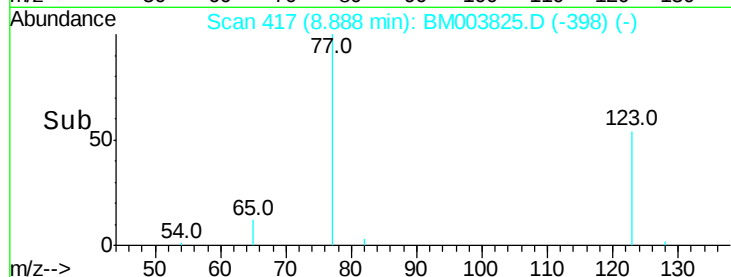
Ion	Ratio	Lower	Upper
77	100		
123	48.8	38.6	57.8
65	12.6	9.9	14.9



Abundance Ion 77.00 (76.70 to 77.70): BM003825.D (-398) (-)

Ion 123.00 (122.70 to 123.70): BM003825.D (-398) (-)

Ion 65.00 (64.70 to 65.70): BM003825.D (-398) (-)



#10

Naphthalene

Concen: 0.92 ng

RT: 10.51 min Scan# 554

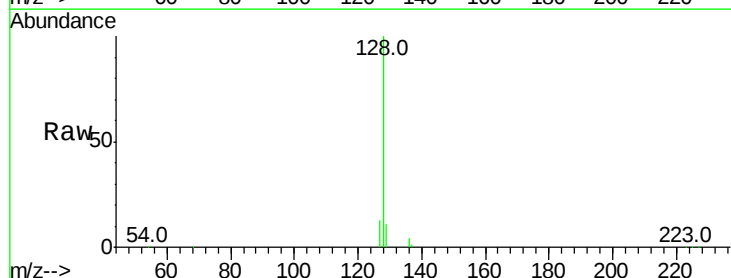
Delta R.T. -0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

Tgt Ion: 128 Resp: 47338

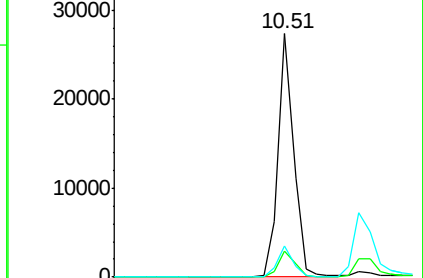
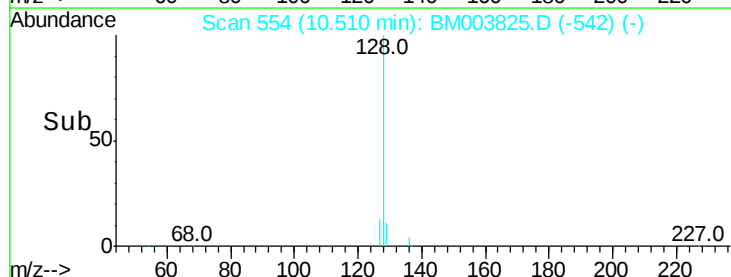
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.5	12.7
127	13.0	11.0	16.4

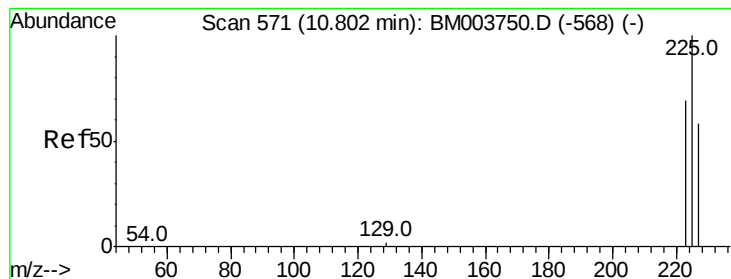


Abundance Ion 128.00 (127.70 to 128.70): BM003825.D (-542) (-)

Ion 129.00 (128.70 to 129.70): BM003825.D (-542) (-)

Ion 127.00 (126.70 to 127.70): BM003825.D (-542) (-)





#11

Hexachlorobutadiene

Concen: 0.93 ng

RT: 10.80 min Scan# 571

Delta R.T. -0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

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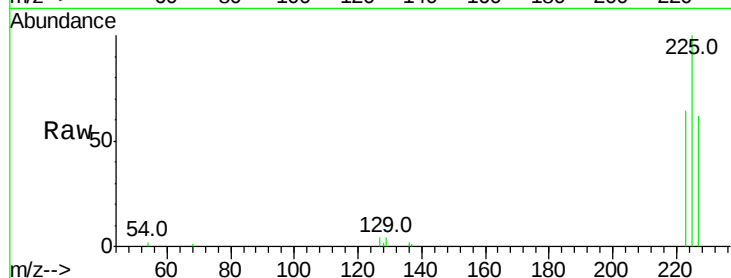
Tot Ion:225 Resp: 7420

Ion Ratio Lower Upper

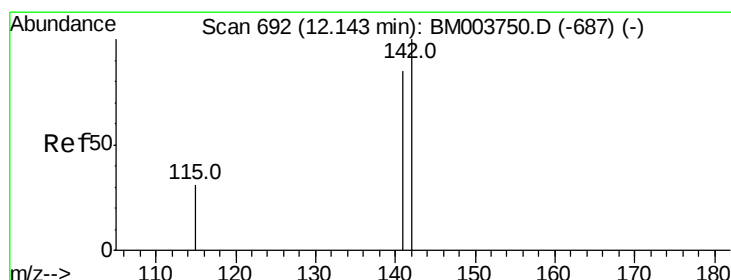
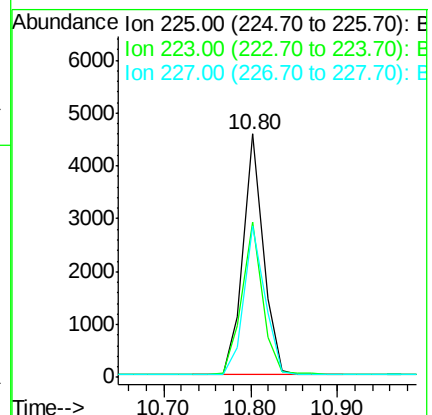
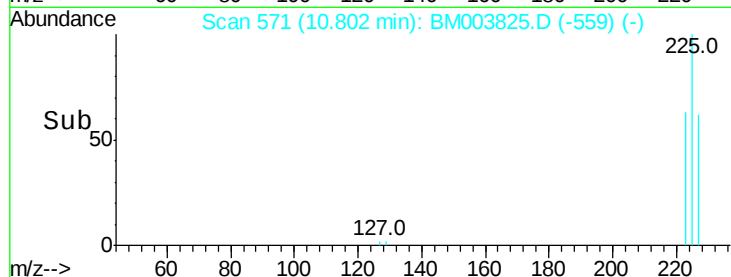
225 100

223 63.1 50.9 76.3

227 63.7 51.2 76.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#12

2-Methylnaphthalene

Concen: 0.92 ng

RT: 12.14 min Scan# 692

Delta R.T. -0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

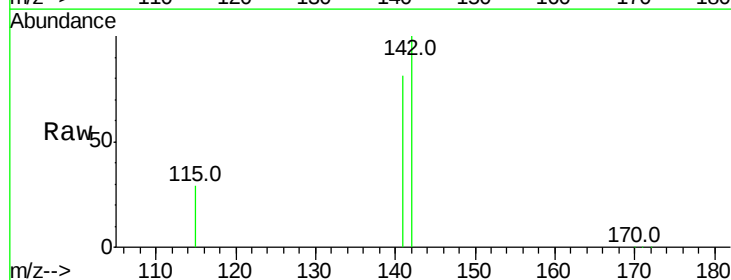
Tgt Ion:142 Resp: 31711

Ion Ratio Lower Upper

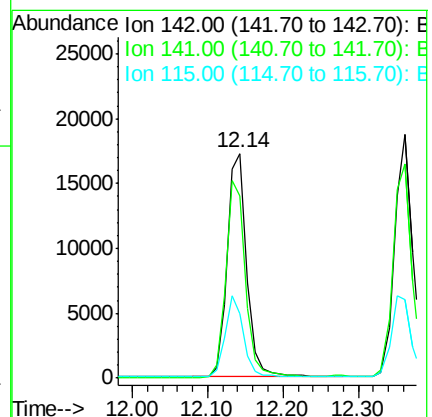
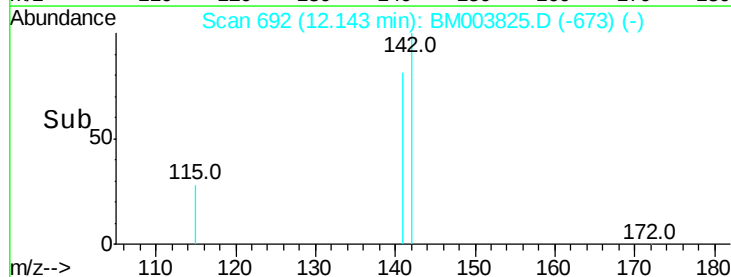
142 100

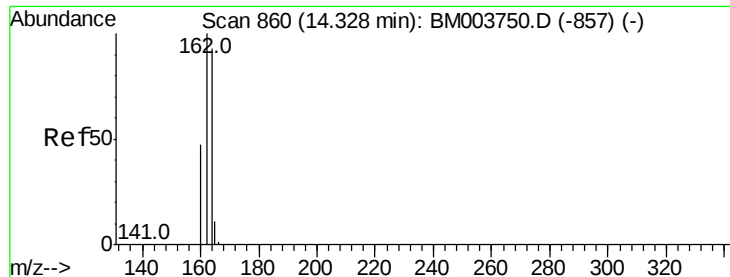
141 81.2 67.8 101.8

115 28.6 25.3 37.9



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





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.33 min Scan# 860

Delta R.T. -0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

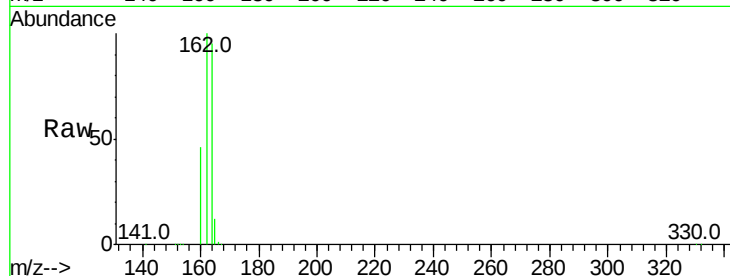
Tot Ion:164 Resp: 131046

Ion Ratio Lower Upper

164 100

162 104.8 86.0 129.0

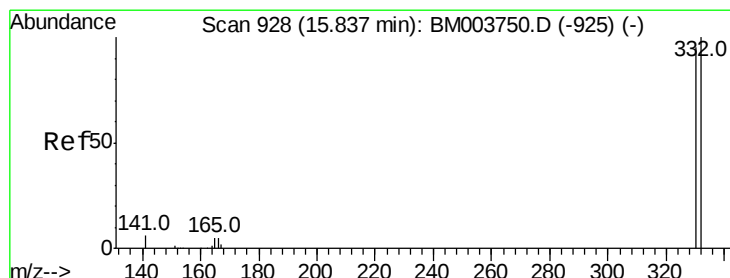
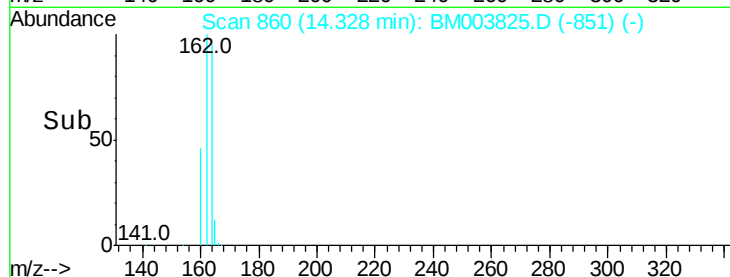
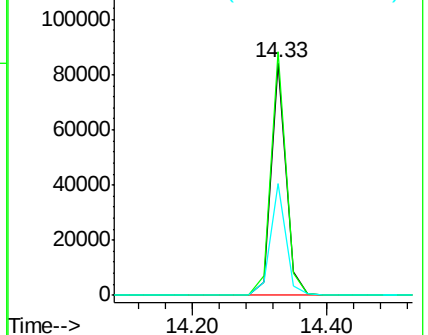
160 48.1 40.3 60.5



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



#14

2,4,6-Tribromophenol

Concen: 0.87 ng

RT: 15.84 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

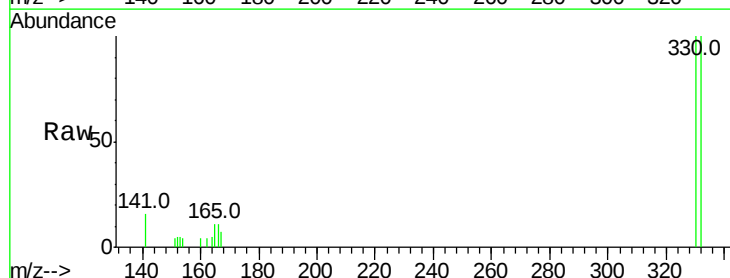
Tgt Ion:330 Resp: 3022

Ion Ratio Lower Upper

330 100

332 96.7 79.0 118.4

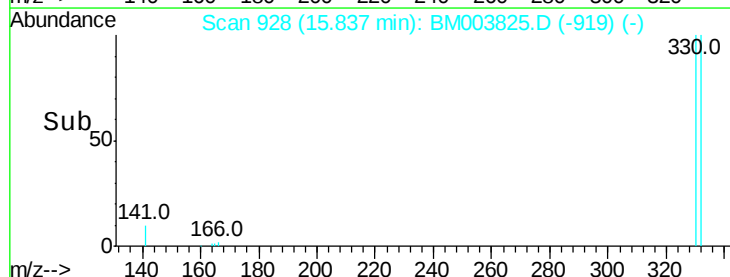
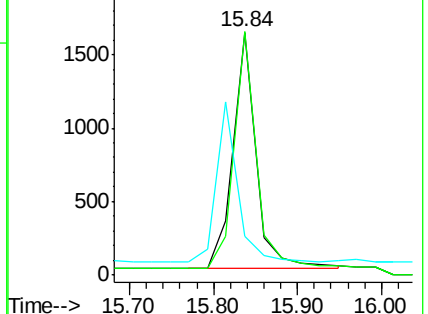
141 0.0 0.0 0.0

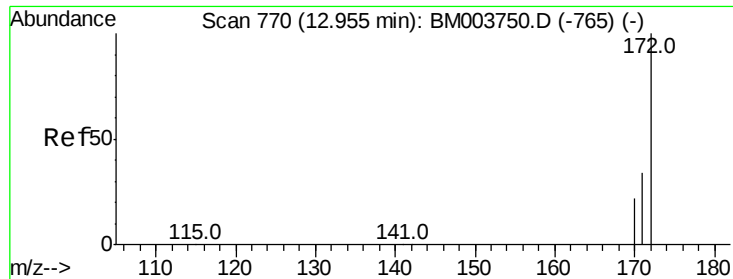


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

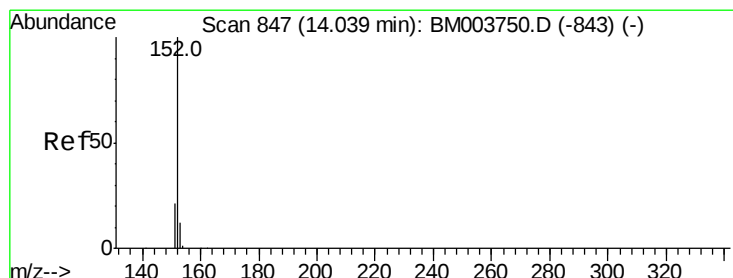
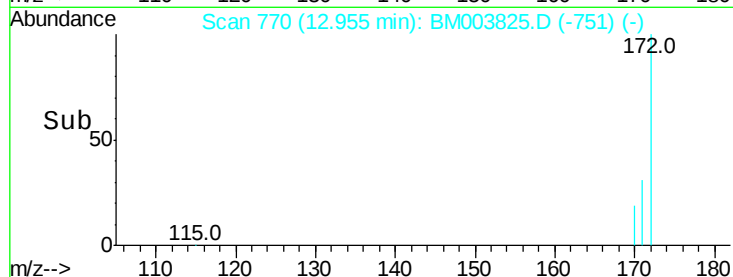
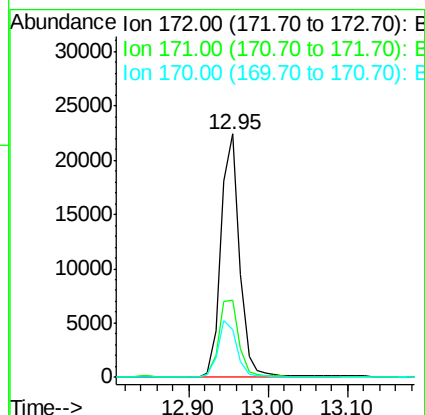
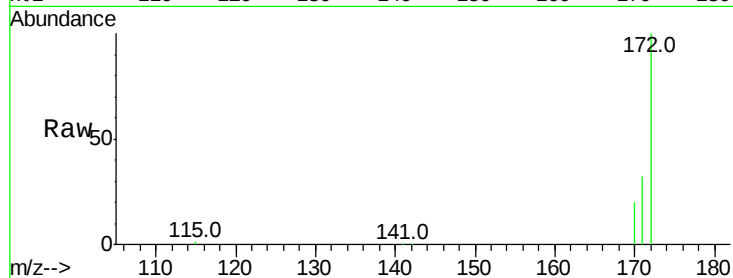




#15
2-Fluorobiphenyl
Concen: 0.90 ng
RT: 12.95 min Scan# 770
Delta R.T. -0.00 min
Lab File: BM003825.D
Acq: 28 Dec 2015 13:04

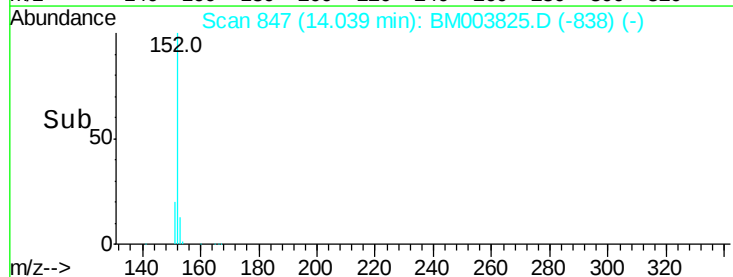
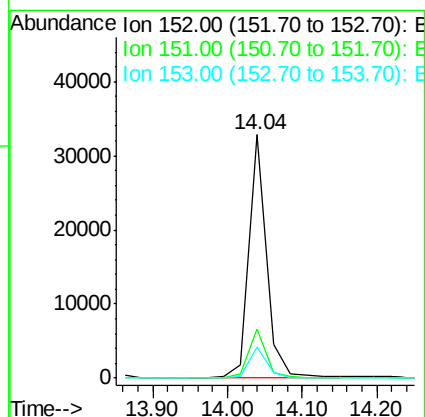
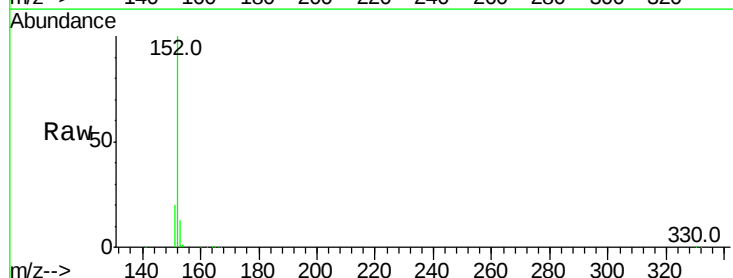
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

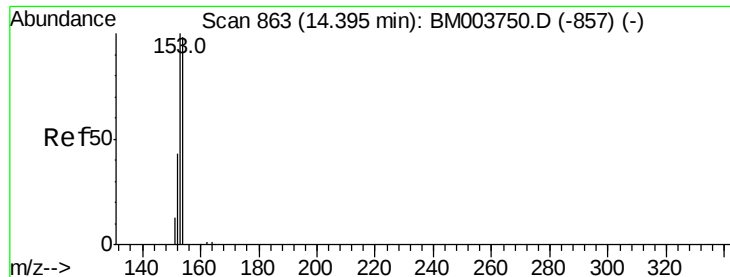
Tot Ion:172 Resp: 36241
Ion Ratio Lower Upper
172 100
171 31.8 27.0 40.6
170 19.5 17.9 26.9



#16
Acenaphthylene
Concen: 0.90 ng
RT: 14.04 min Scan# 847
Delta R.T. -0.00 min
Lab File: BM003825.D
Acq: 28 Dec 2015 13:04

Tgt Ion:152 Resp: 53766
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 12.9 10.2 15.4





#17

Acenaphthene

Concen: 0.91 ng

RT: 14.39 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

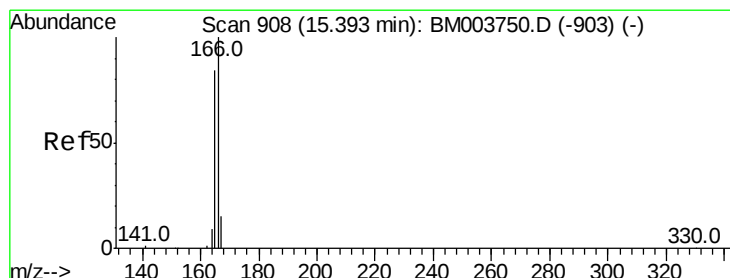
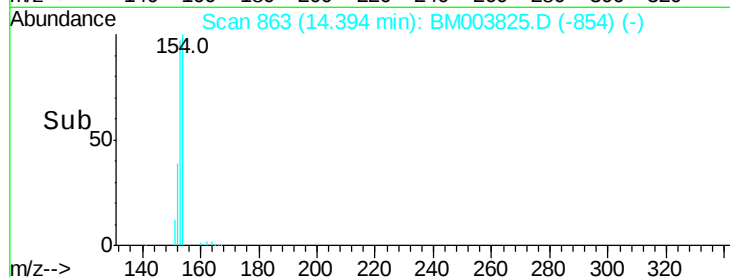
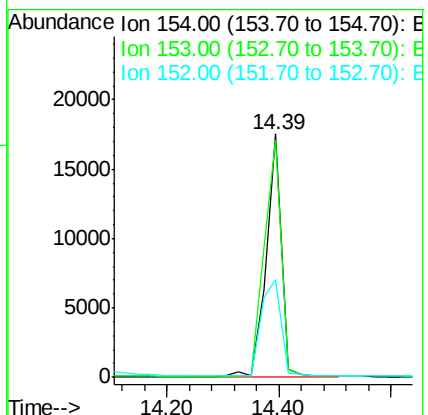
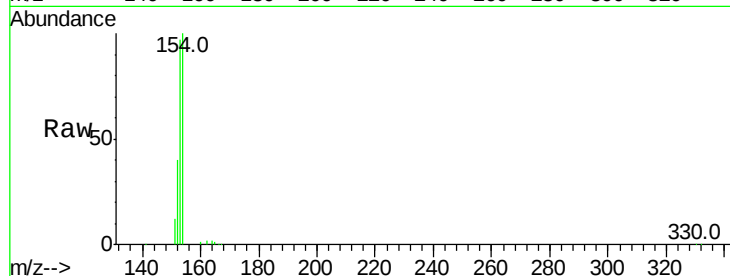
Tot Ion:154 Resp: 33231

Ion Ratio Lower Upper

154 100

153 108.6 85.4 128.2

152 51.8 40.6 60.8



#18

Fluorene

Concen: 0.88 ng

RT: 15.39 min Scan# 908

Delta R.T. 0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

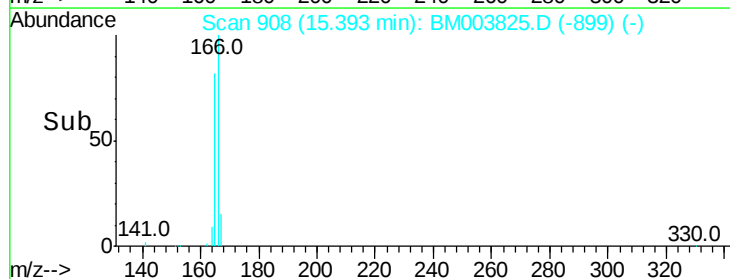
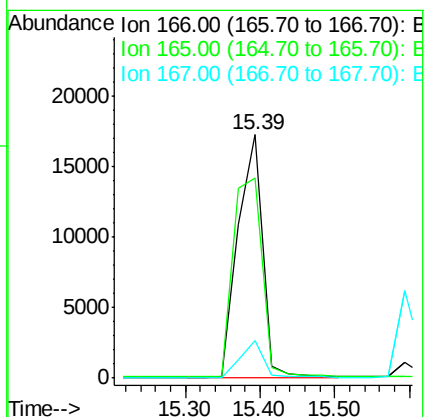
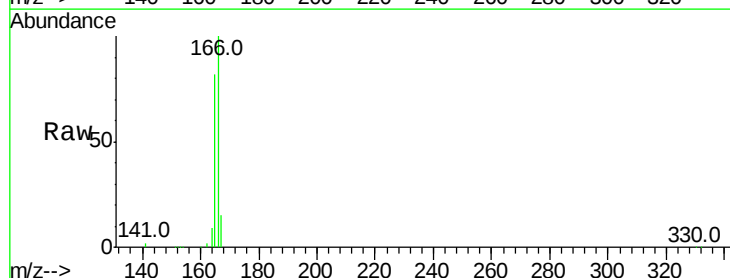
Tgt Ion:166 Resp: 39125

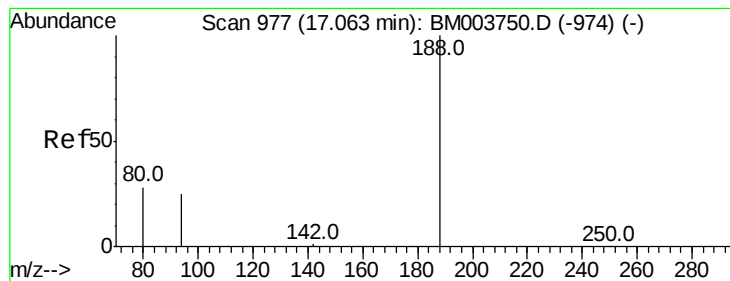
Ion Ratio Lower Upper

166 100

165 97.6 77.2 115.8

167 13.5 11.0 16.6





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

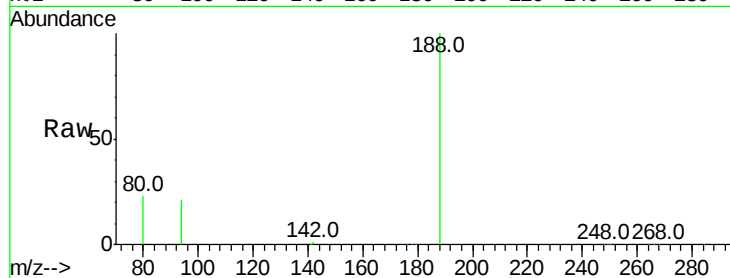
Tot Ion:188 Resp: 238183

Ion Ratio Lower Upper

188 100

94 21.1 20.3 30.5

80 22.5 22.2 33.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

120000

100000

80000

60000

40000

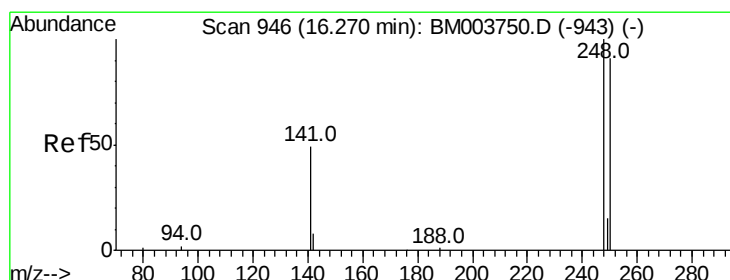
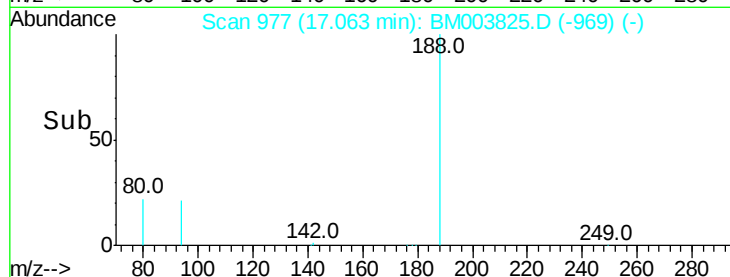
20000

0

17.06

16.90 17.00 17.10 17.20

Time-->



#20

4-Bromophenyl-phenylether

Concen: 1.22 ng

RT: 16.27 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

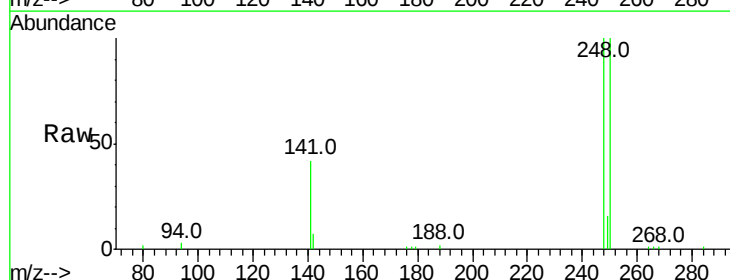
Tgt Ion:248 Resp: 12368

Ion Ratio Lower Upper

248 100

250 100.5 75.0 112.4

141 68.8 53.0 79.4



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

10000

8000

6000

4000

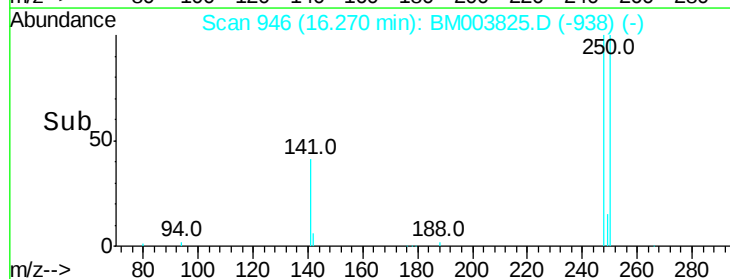
2000

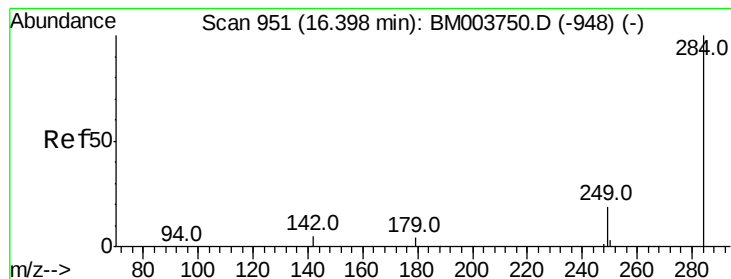
0

16.27

16.10 16.20 16.30 16.40

Time-->





#21

Hexachlorobenzene

Concen: 1.20 ng

RT: 16.40 min Scan# 951

Delta R.T. 0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

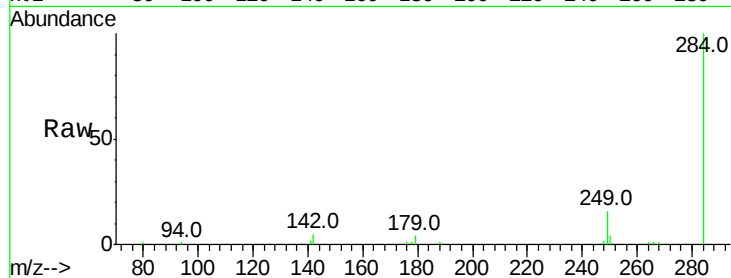
Tot Ion:284 Resp: 11776

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

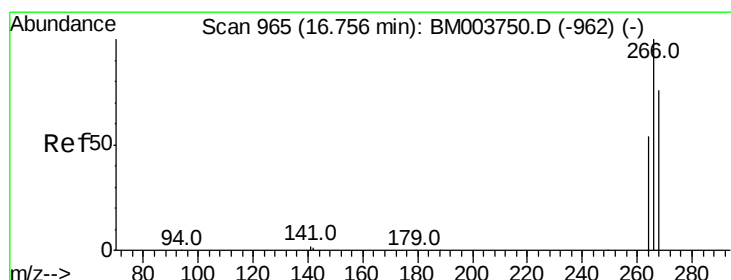
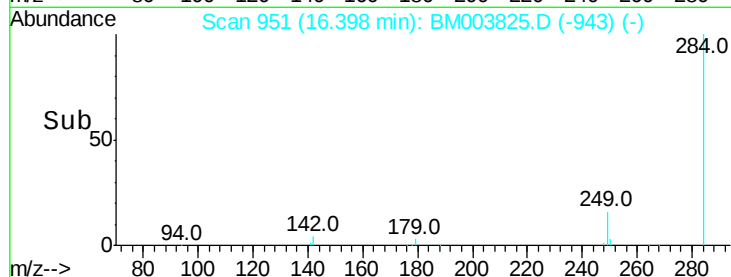
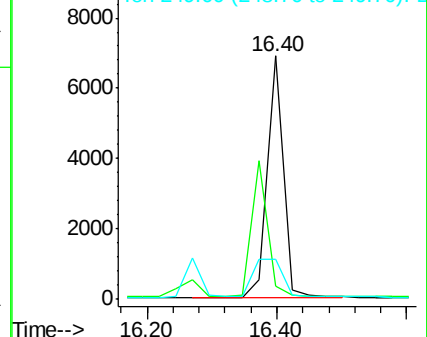
249 28.4 21.5 32.3



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



#22

Pentachlorophenol

Concen: 0.65 ng

RT: 16.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

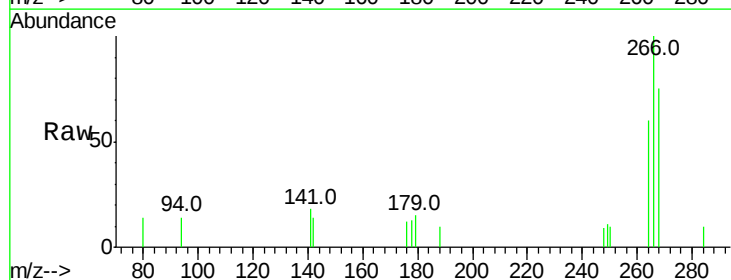
Tgt Ion:266 Resp: 1455

Ion Ratio Lower Upper

266 100

268 75.5 62.7 94.1

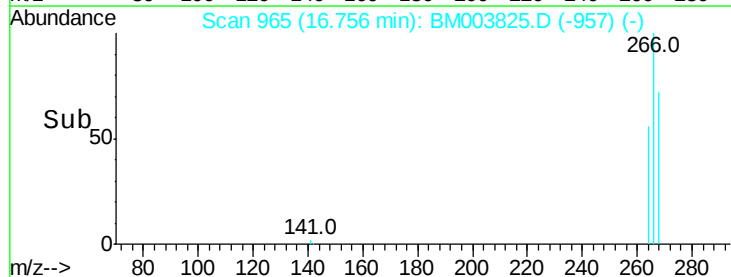
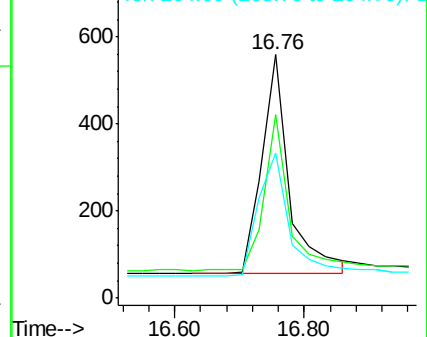
264 59.6 45.7 68.5

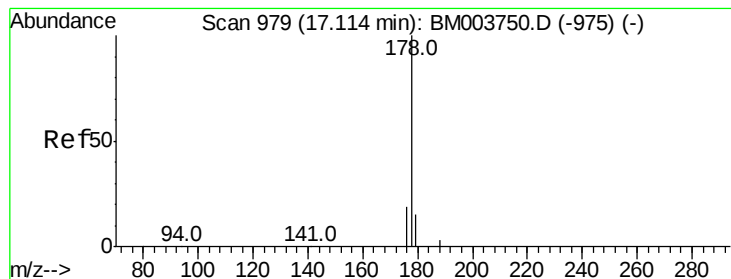


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 1.12 ng

RT: 17.11 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

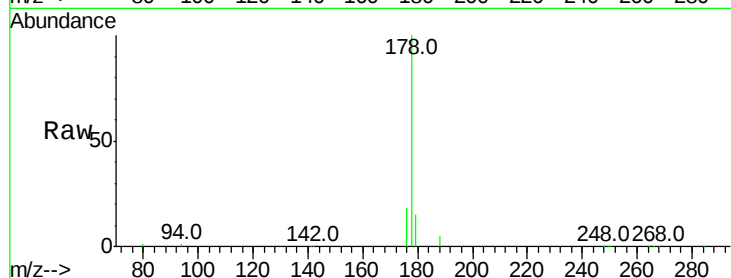
Tot Ion:178 Resp: 72953

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.0

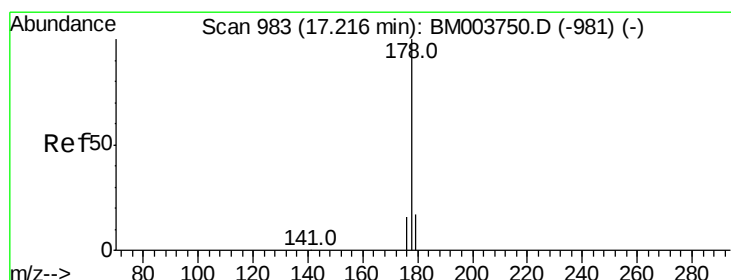
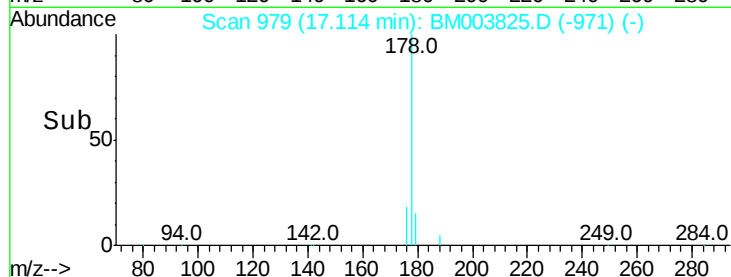
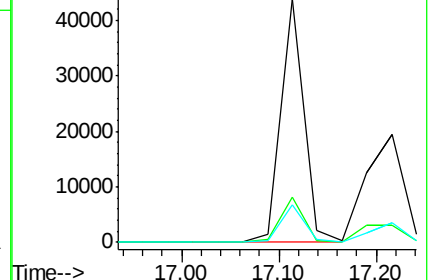
179 15.4 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.91 ng

RT: 17.22 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

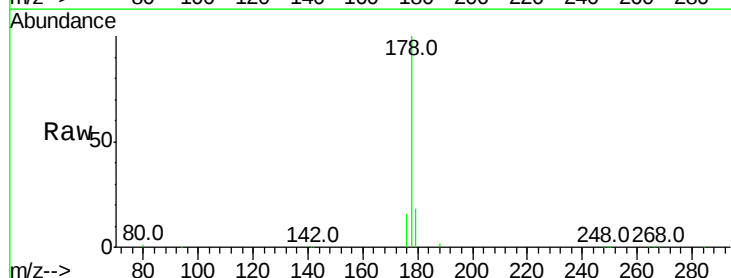
Tgt Ion:178 Resp: 50894

Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

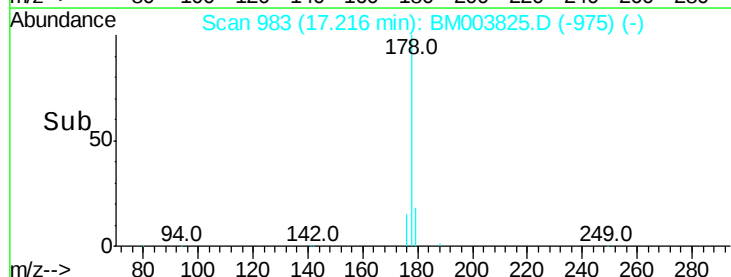
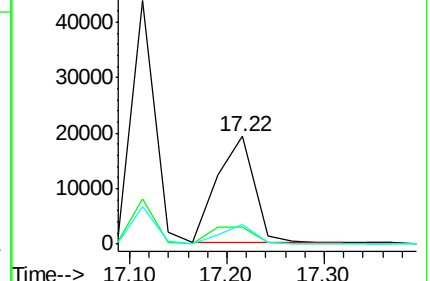
179 15.3 12.6 19.0

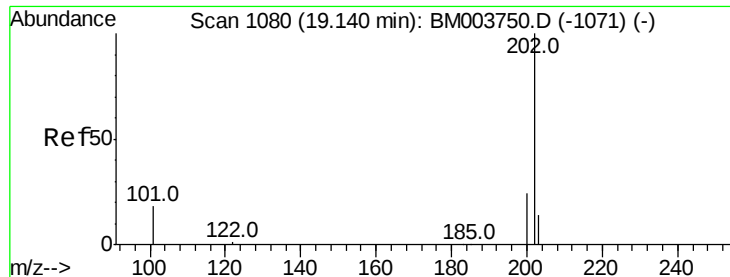


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.89 ng

RT: 19.14 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

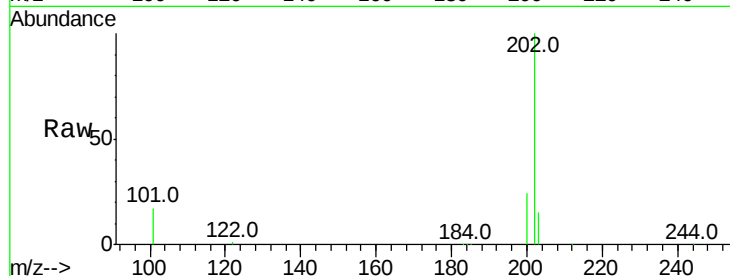
Tot Ion:202 Resp: 62042

Ion Ratio Lower Upper

202 100

101 12.1 9.7 14.5

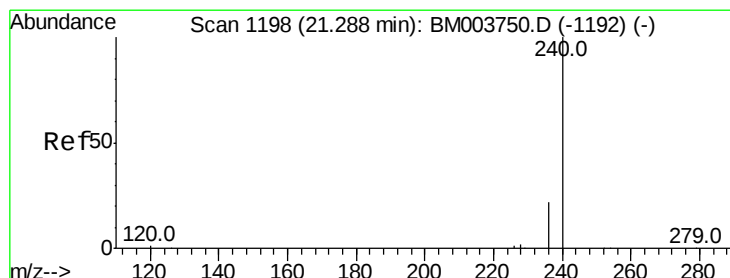
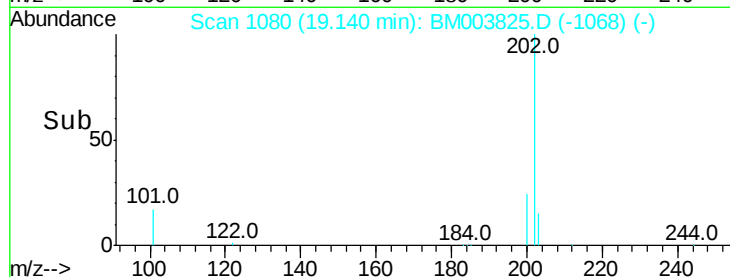
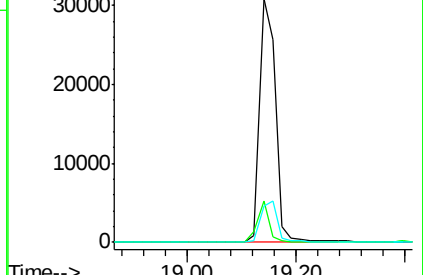
203 17.3 13.8 20.8



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.29 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

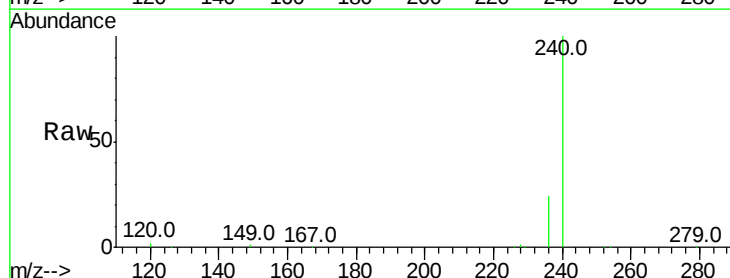
Tgt Ion:240 Resp: 176856

Ion Ratio Lower Upper

240 100

120 2.1 0.9 1.3#

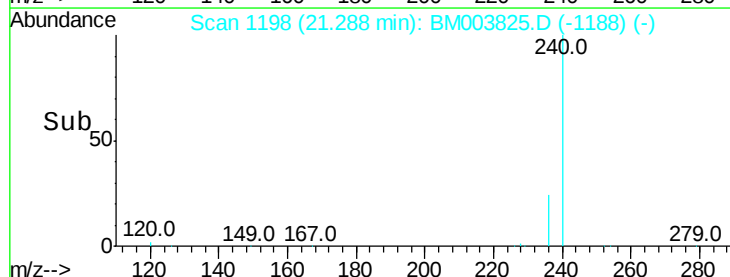
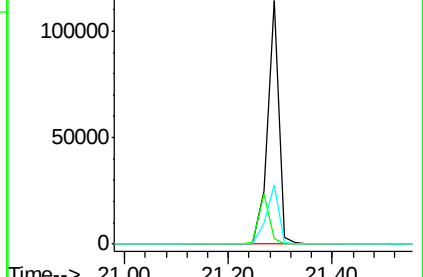
236 24.4 17.3 25.9

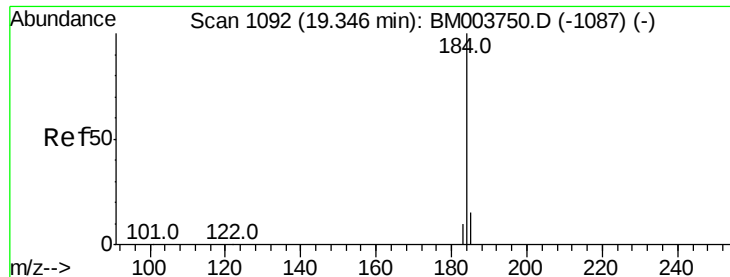


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 1.37 ng

RT: 19.35 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

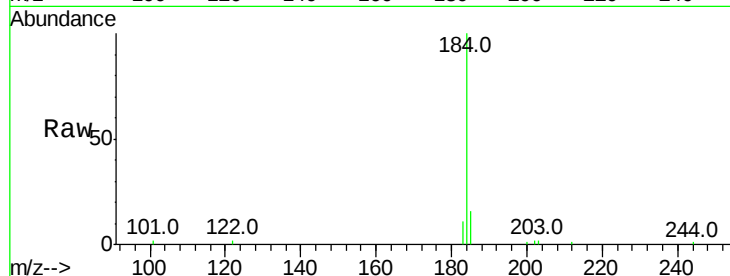
Tot Ion:184 Resp: 16267

Ion Ratio Lower Upper

184 100

185 16.1 13.2 19.8

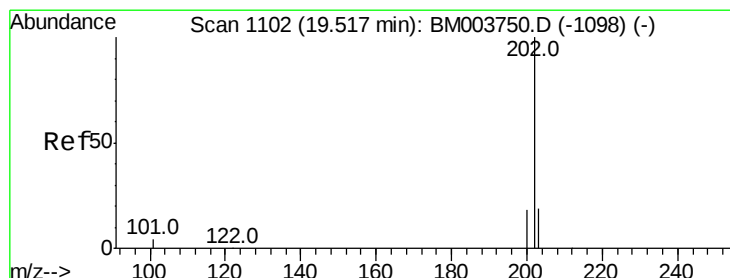
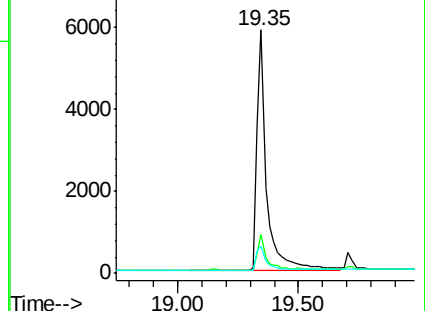
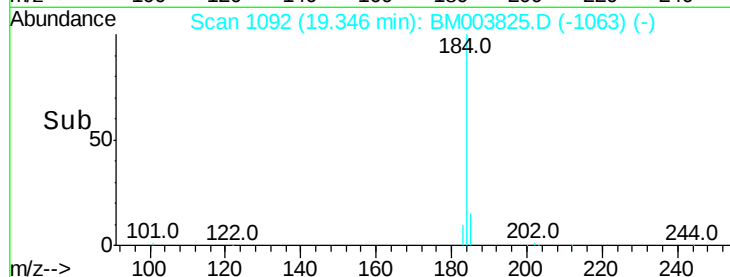
183 11.2 9.0 13.6



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



#28

Pyrene

Concen: 1.06 ng

RT: 19.52 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

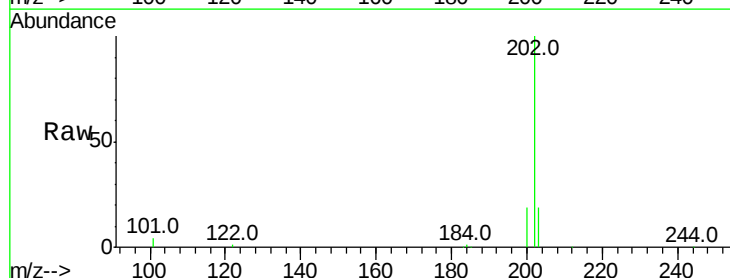
Tgt Ion:202 Resp: 64020

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

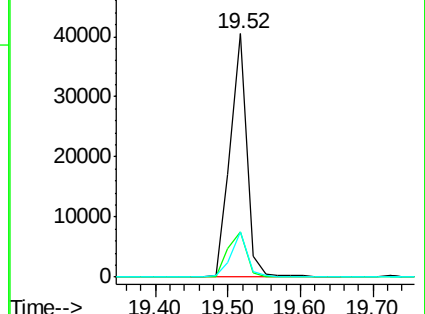
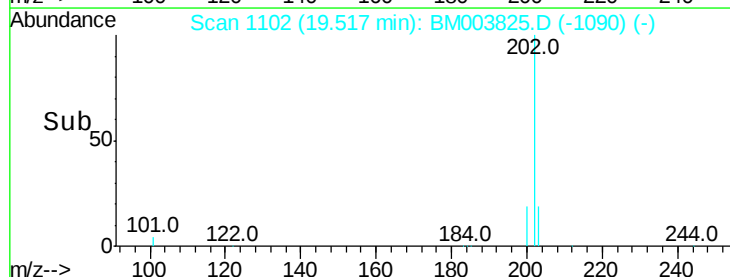
203 17.5 14.0 21.0

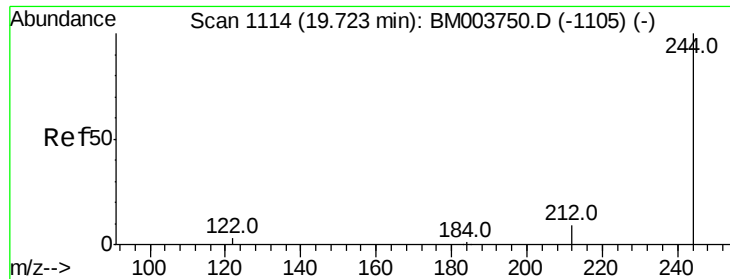


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.02 ng

RT: 19.72 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

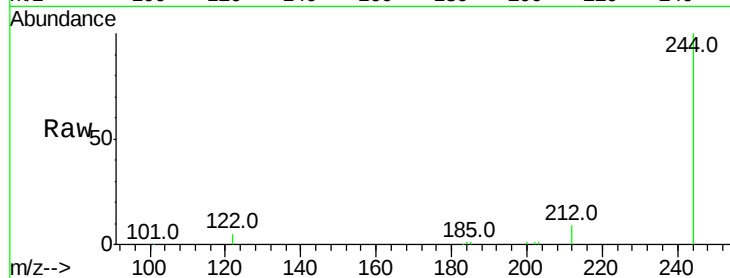
Tot Ion:244 Resp: 29909

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

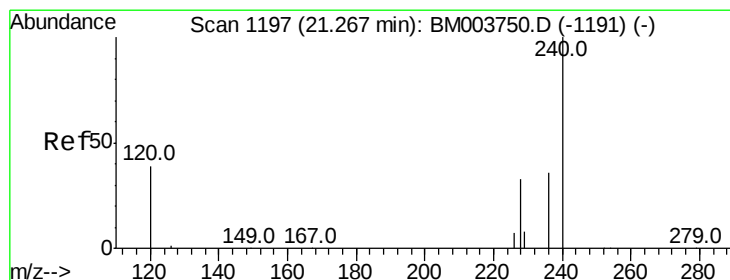
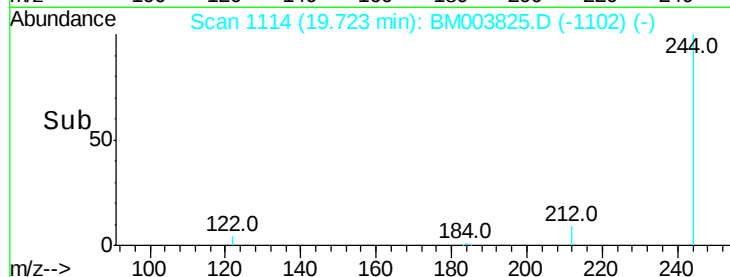
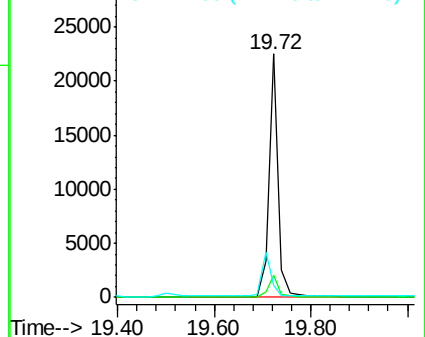
122 4.7 3.0 4.6#



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



#30

Benzo(a)anthracene

Concen: 0.91 ng m

RT: 21.27 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

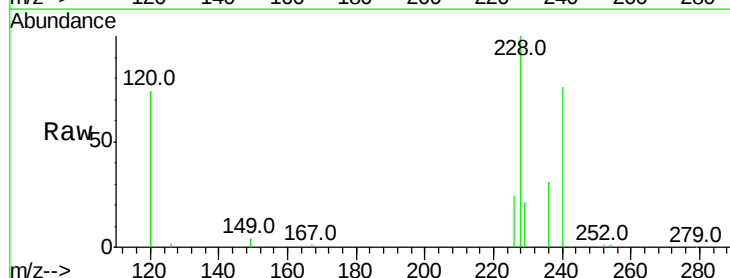
Tgt Ion:228 Resp: 48691

Ion Ratio Lower Upper

228 100

226 23.7 17.2 25.8

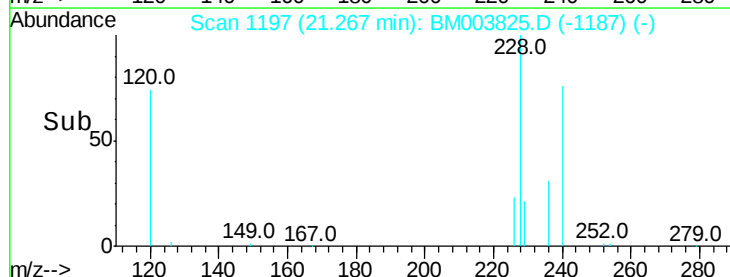
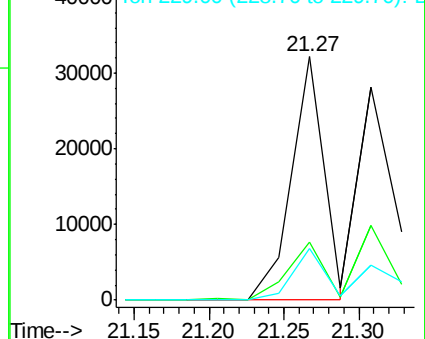
229 21.5 18.7 28.1

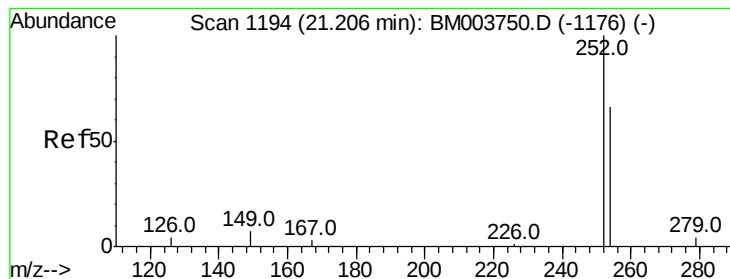


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

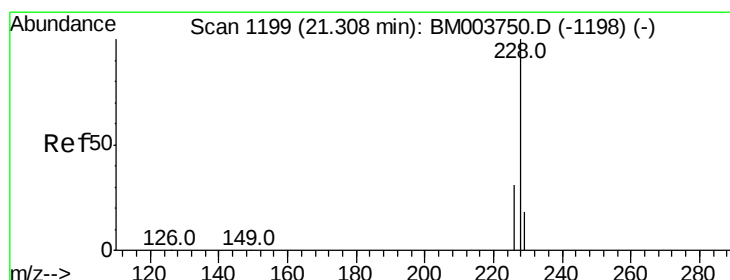
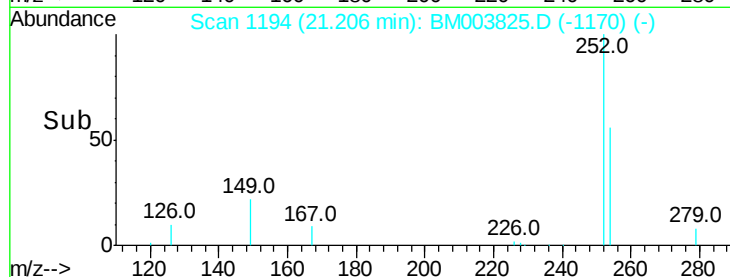
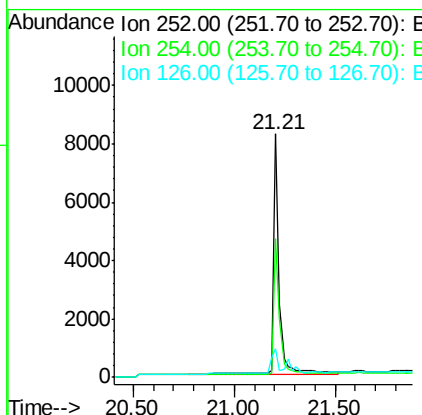
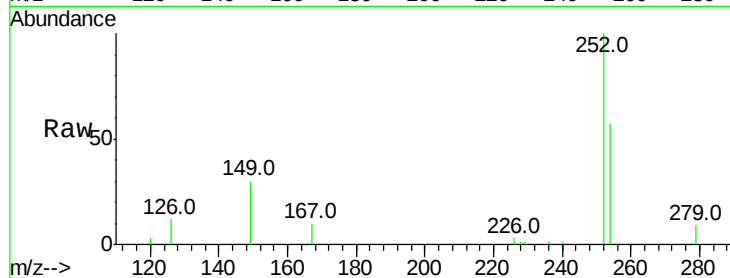




#31
 3,3'-Dichlorobenzidine
 Concen: 1.09 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM003825.D
 Acq: 28 Dec 2015 13:04

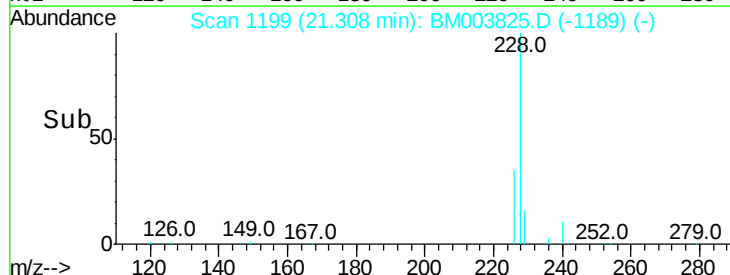
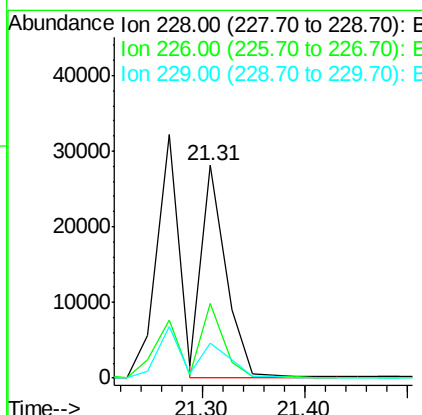
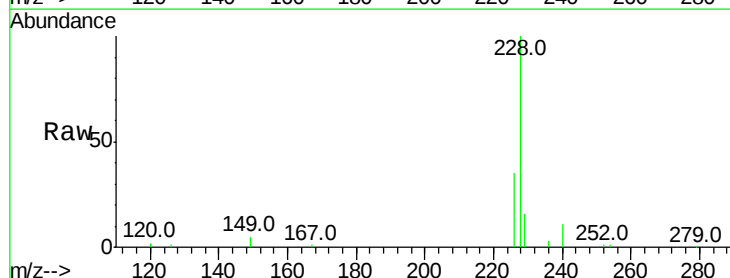
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

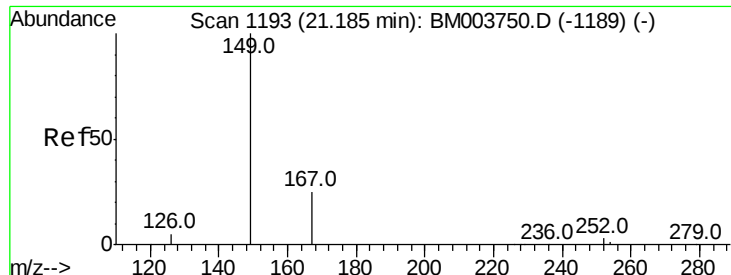
Tot Ion:252 Resp: 16075
 Ion Ratio Lower Upper
 252 100
 254 56.7 52.6 79.0
 126 11.7 3.7 5.5#



#32
 Chrysene
 Concen: 0.87 ng m
 RT: 21.31 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BM003825.D
 Acq: 28 Dec 2015 13:04

Tgt Ion:228 Resp: 47521
 Ion Ratio Lower Upper
 228 100
 226 35.2 25.3 37.9
 229 16.4 14.5 21.7





#33

Bis(2-ethylhexyl)phthalate

Concen: 1.14 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

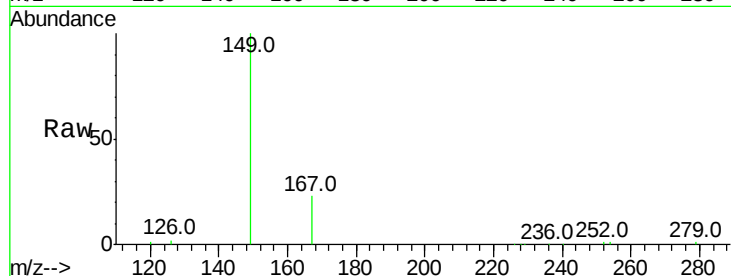
Tot Ion:149 Resp: 38306

Ion Ratio Lower Upper

149 100

167 24.1 20.1 30.1

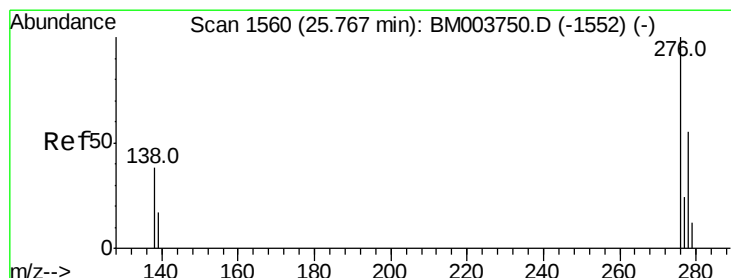
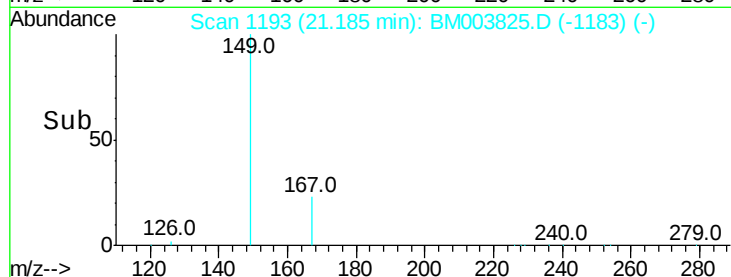
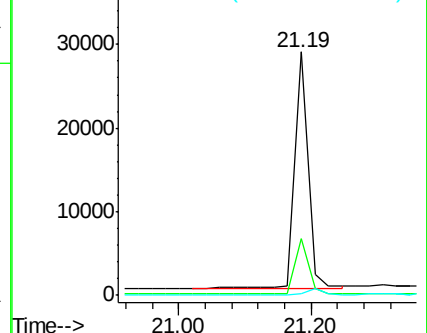
279 0.0 0.0 0.0



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



#34

Indeno(1,2,3-cd)pyrene

Concen: 1.17 ng

RT: 25.78 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

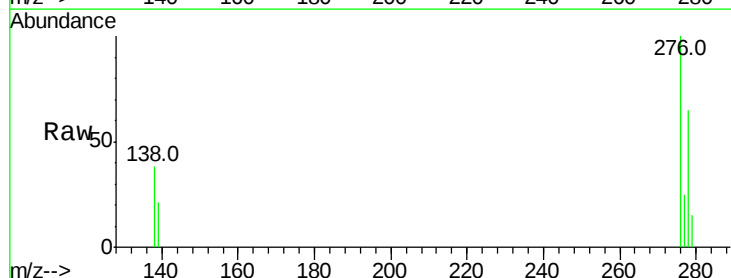
Tgt Ion:276 Resp: 43699

Ion Ratio Lower Upper

276 100

138 38.1 30.2 45.2

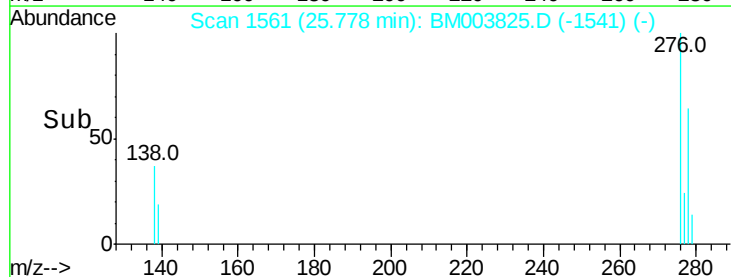
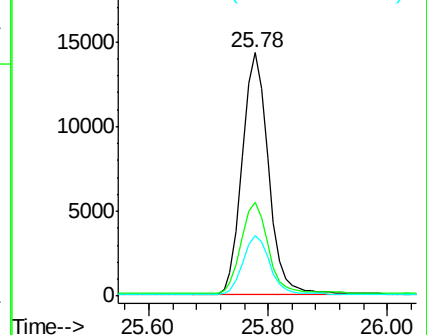
277 24.8 19.8 29.8

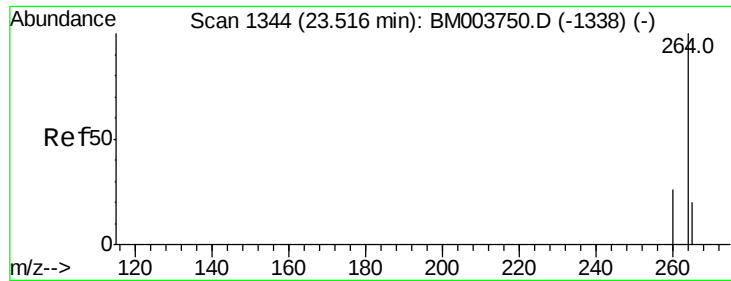


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

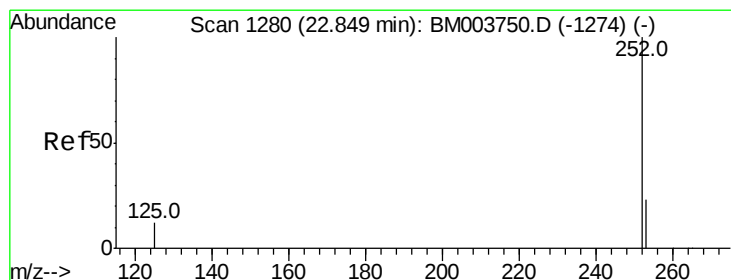
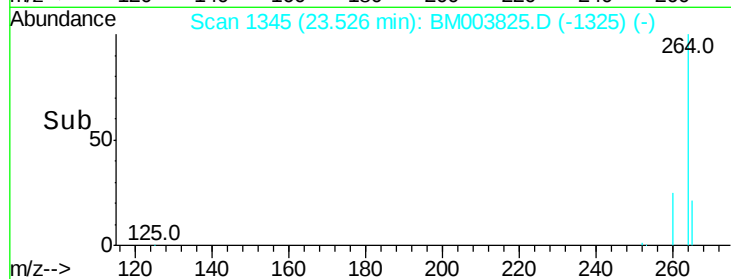
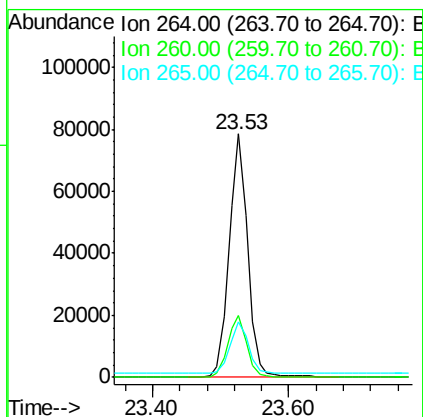
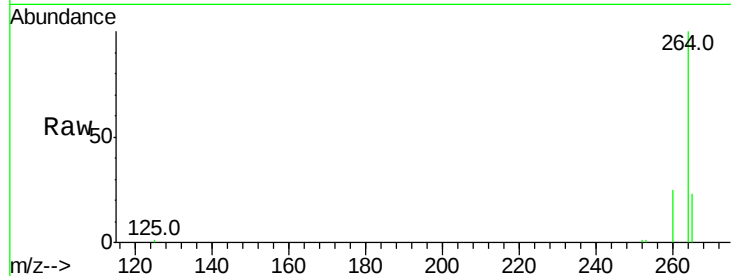




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.53 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: BM003825.D
 Acq: 28 Dec 2015 13:04

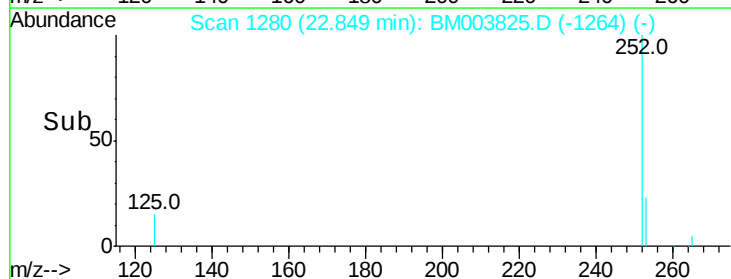
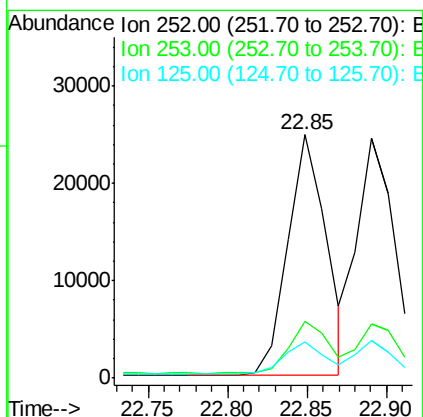
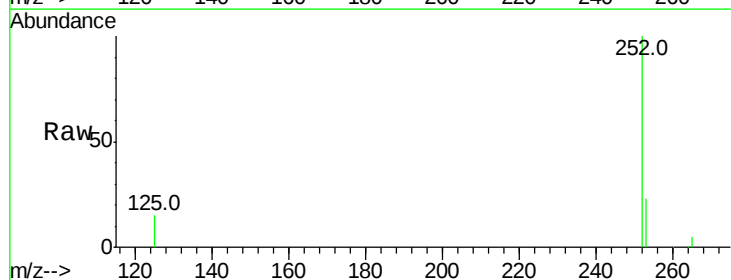
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

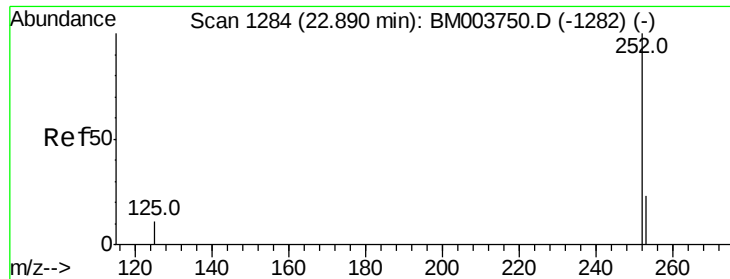
Tot Ion:264 Resp: 147575
 Ion Ratio Lower Upper
 264 100
 260 25.5 21.2 31.8
 265 22.9 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 0.86 ng
 RT: 22.85 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BM003825.D
 Acq: 28 Dec 2015 13:04

Tgt Ion:252 Resp: 41493
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.8 28.2
 125 15.1 10.2 15.4

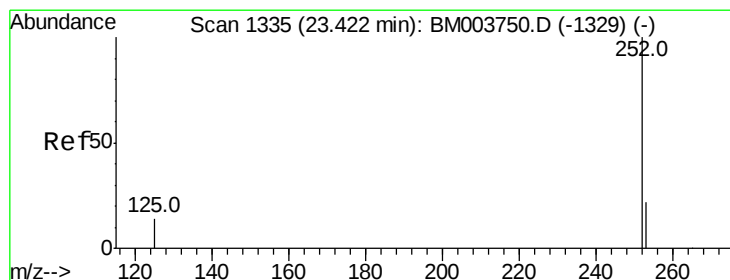
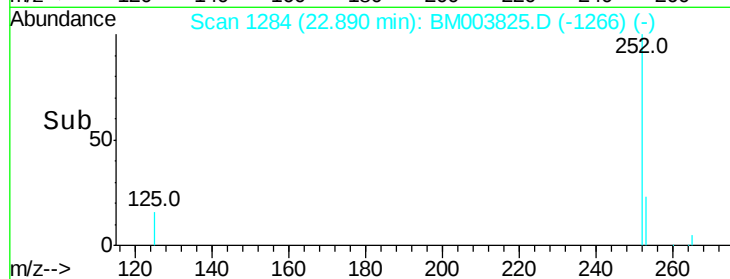
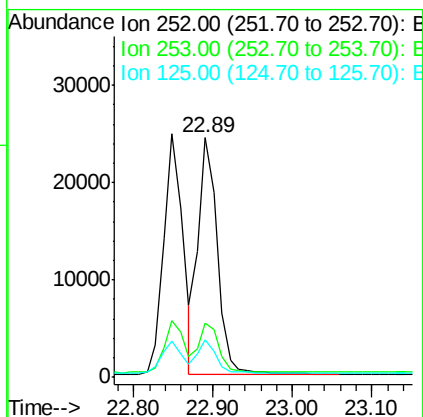
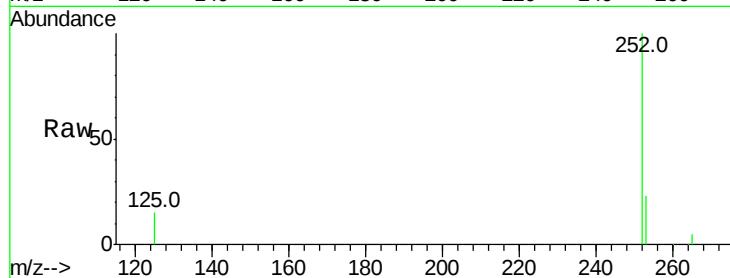




#37
Benzo(k)fluoranthene
Concen: 0.92 ng
RT: 22.89 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BM003825.D
Acq: 28 Dec 2015 13:04

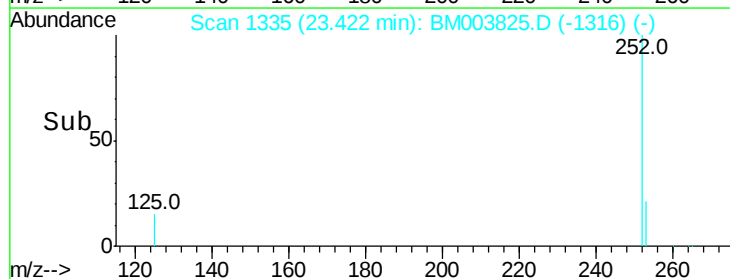
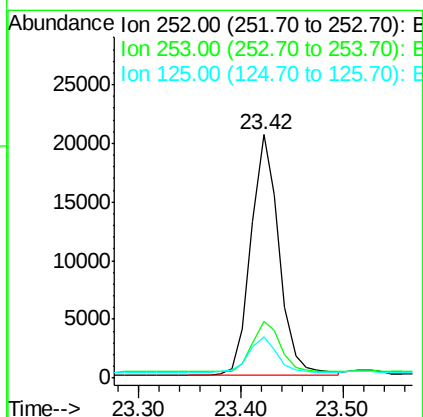
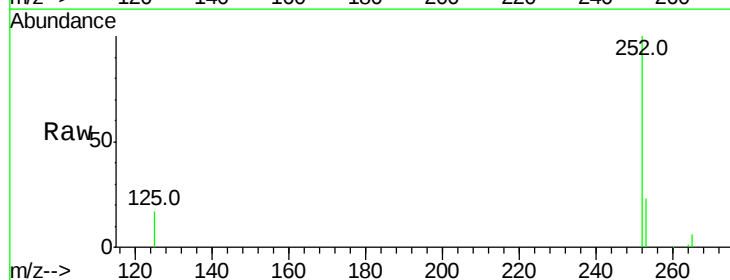
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

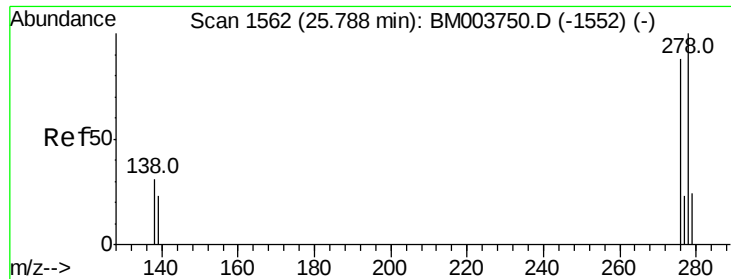
Tot Ion:252 Resp: 40815
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 15.5 10.6 15.8



#38
Benzo(a)pyrene
Concen: 0.94 ng
RT: 23.42 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BM003825.D
Acq: 28 Dec 2015 13:04

Tgt Ion:252 Resp: 38927
Ion Ratio Lower Upper
252 100
253 23.4 18.7 28.1
125 16.8 11.8 17.8





#39

Dibenzo(a,h)anthracene

Concen: 1.09 ng

RT: 25.79 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

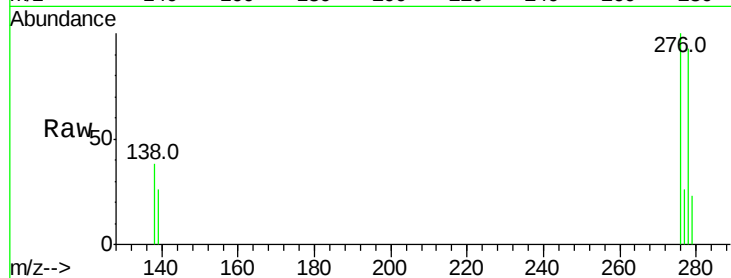
Tot Ion:278 Resp: 35171

Ion Ratio Lower Upper

278 100

139 27.4 19.0 28.6

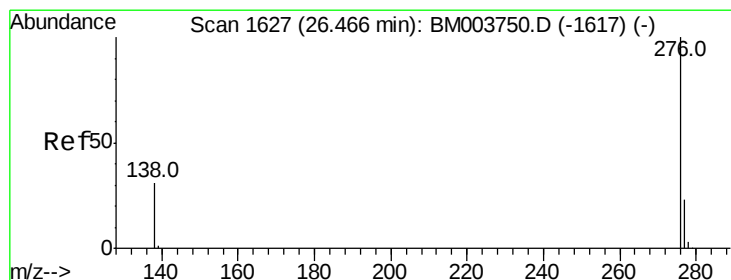
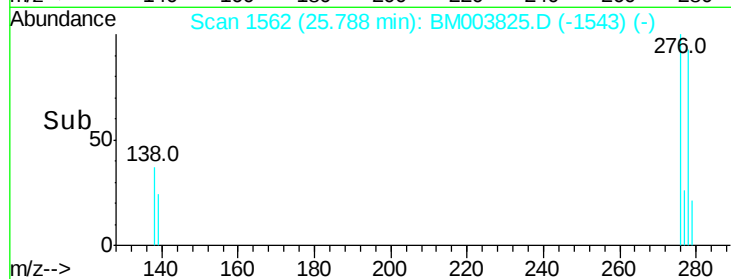
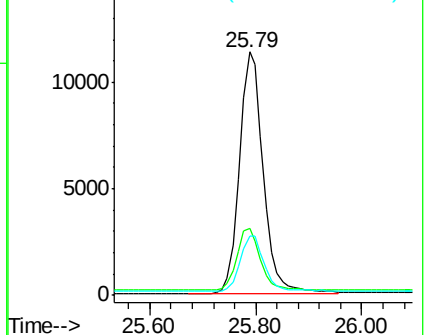
279 24.5 19.6 29.4



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



#40

Benzo(g,h,i)perylene

Concen: 1.11 ng

RT: 26.47 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BM003825.D

Acq: 28 Dec 2015 13:04

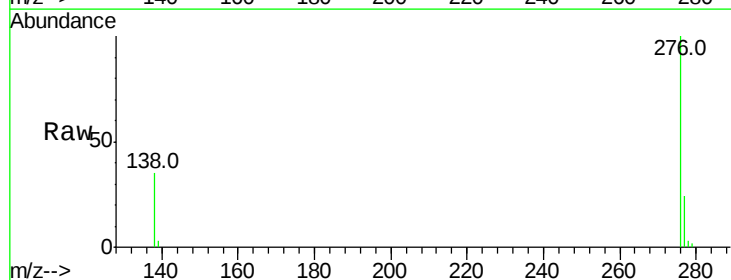
Tgt Ion:276 Resp: 37778

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 34.7 25.0 37.4



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

