

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121916\
 Data File : BE092600.D
 Acq On : 19 Dec 2016 9:58
 Operator : UM/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

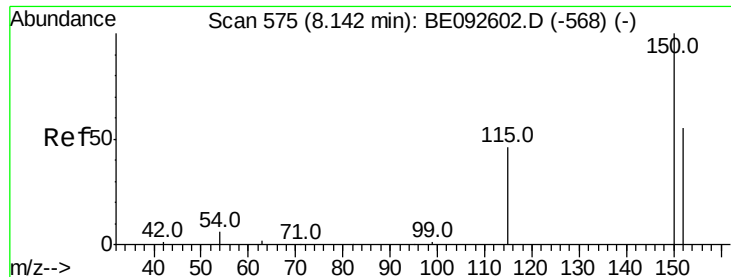
Quant Time: Dec 19 15:00:27 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 19 14:52:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	7329	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	36494	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	26851	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	58242	5.00	ng	0.00
24) Chrysene-d12	21.72	240	79816	5.00	ng	0.00
31) Perylene-d12	24.08	264	68989	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	46	0.04	ng	0.03
5) Phenol-d6	7.45	99	133	0.08	ng	0.07
8) Nitrobenzene-d5	0.00	82	0	0.00	ng	
13) 2,4,6-Tribromophenol	16.32	330	65	0.11	ng	0.01
14) 2-Fluorobiphenyl	13.46	172	754	0.12	ng	0.02
26) Terphenyl-d14	20.17	244	1109	0.12	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	193	0.19	ng	# 81
3) n-Nitrosodimethylamine	3.84	42	33	0.03	ng	# 2
6) bis(2-Chloroethyl)ether	7.54	93	145	0.07	ng	# 15
9) Naphthalene	10.99	128	943	0.13	ng	# 71
10) Hexachlorobutadiene	11.26	225	143	0.12	ng	92
11) 2-Methylnaphthalene	12.87	142	448	0.09	ng	96
15) Acenaphthylene	14.51	152	4348	0.12	ng	100
16) Acenaphthene	14.87	154	805	0.13	ng	93
17) Fluorene	15.87	166	884	0.12	ng	99
19) Hexachlorobenzene	16.86	284	427	0.19	ng	# 74
20) Pentachlorophenol	17.26	266	53	0.12	ng	# 80
21) Phenanthrene	17.58	178	1772	0.14	ng	# 78
22) Anthracene	17.69	178	1447	0.12	ng	97
23) Fluoranthene	19.61	202	7369	0.12	ng	98
25) Pyrene	19.97	202	8203	0.13	ng	99
27) Benzo(a)anthracene	21.70	228	18400	0.25	ng	# 93
28) Chrysene	21.70	228	18488	0.27	ng	# 74
29) Bis(2-ethylhexyl)phthalate	21.61	149	758	0.16	ng	# 78
30) Indeno(1,2,3-cd)pyrene	26.58	276	7890	0.10	ng	98
32) Benzo(b)fluoranthene	23.35	252	1768	0.11	ng	# 88
33) Benzo(k)fluoranthene	23.39	252	2207	0.13	ng	# 88
34) Benzo(a)pyrene	23.96	252	1735	0.11	ng	# 81
35) Dibenzo(a,h)anthracene	26.60	278	1593	0.10	ng	# 76
36) Benzo(g,h,i)perylene	27.33	276	7199	0.11	ng	# 85

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. 0.00 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

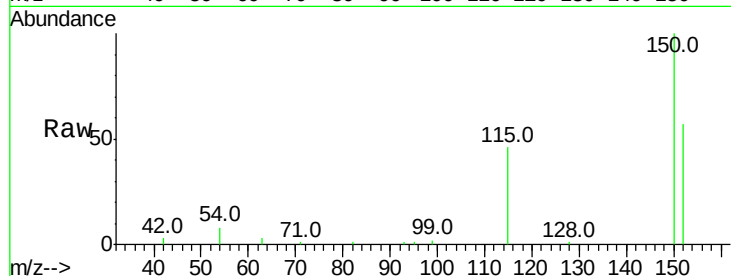
Tot Ion:152 Resp: 7329

Ion Ratio Lower Upper

152 100

150 174.7 106.0 159.0#

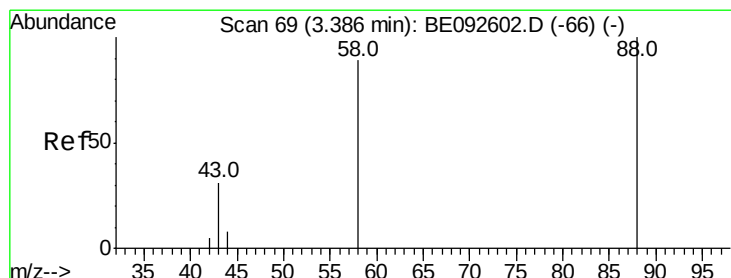
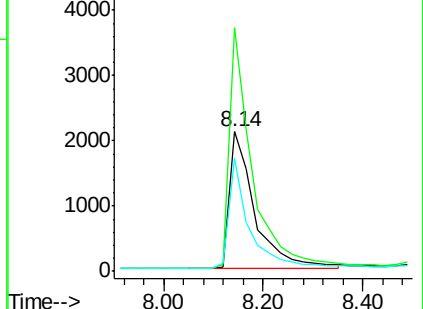
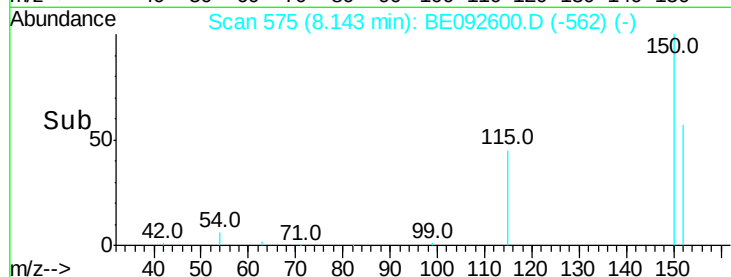
115 80.9 31.2 46.8#



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: 0.19 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

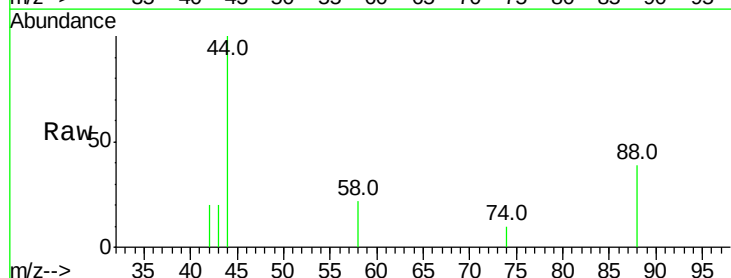
Tgt Ion: 88 Resp: 193

Ion Ratio Lower Upper

88 100

58 56.0 63.6 95.4#

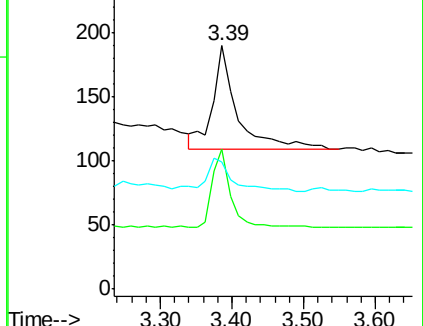
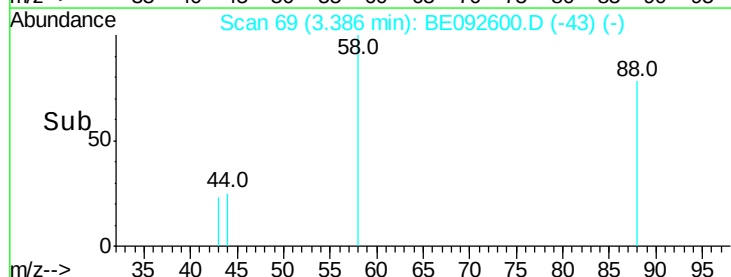
43 35.8 28.0 42.0

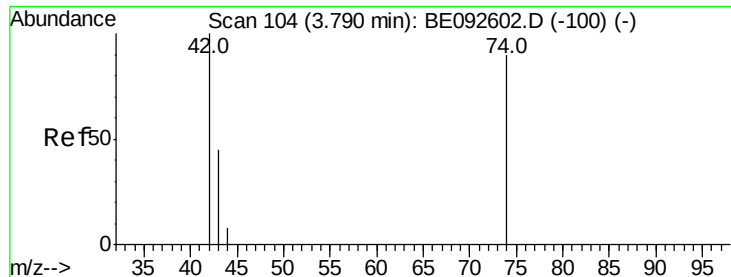


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.84 min Scan# 108

Delta R.T. 0.05 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

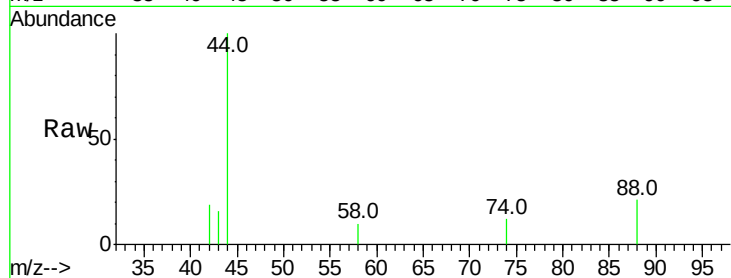
Tot Ion: 42 Resp: 33

Ion Ratio Lower Upper

42 100

74 0.0 86.0 129.0#

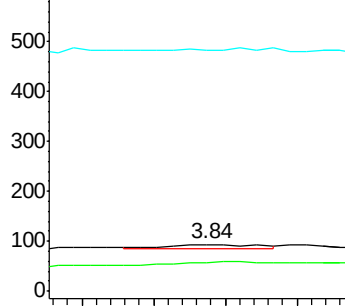
44 0.0 5.1 7.7#



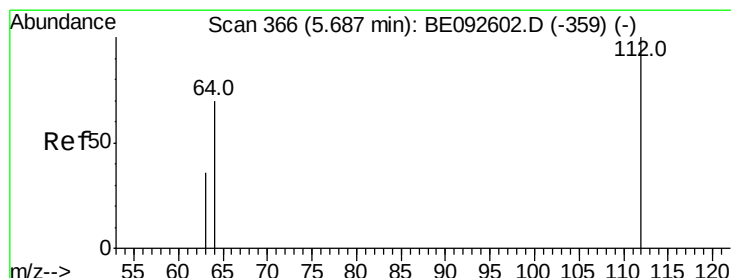
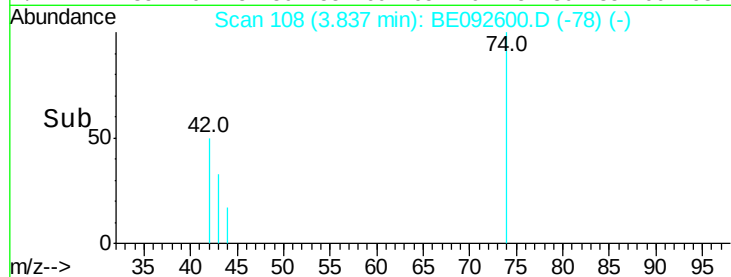
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.04 ng

RT: 5.72 min Scan# 371

Delta R.T. 0.03 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

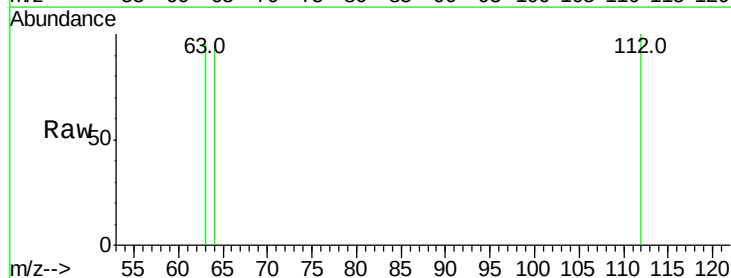
Tgt Ion: 112 Resp: 46

Ion Ratio Lower Upper

112 100

64 78.3 53.5 80.3

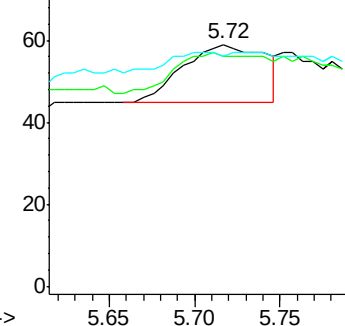
63 26.1 27.9 41.9#



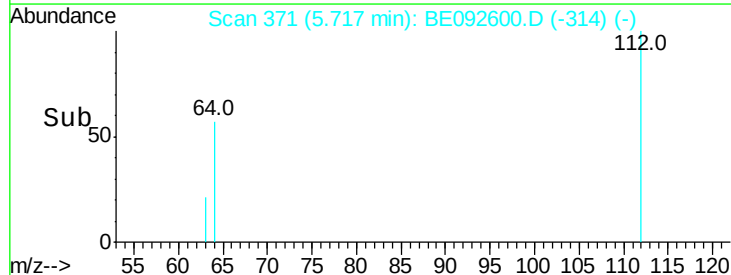
Abundance Ion 112.00 (111.70 to 112.70): E

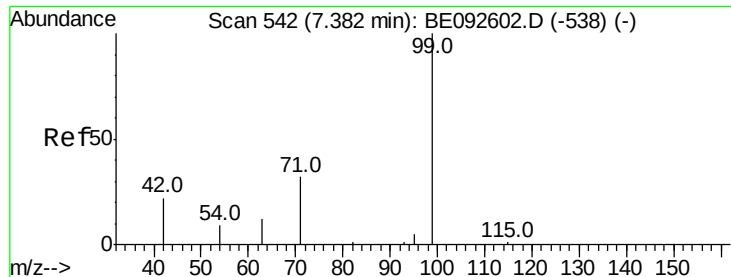
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.08 ng

RT: 7.45 min Scan# 545

Delta R.T. 0.07 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

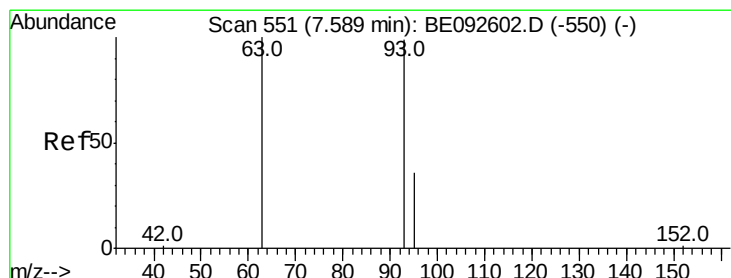
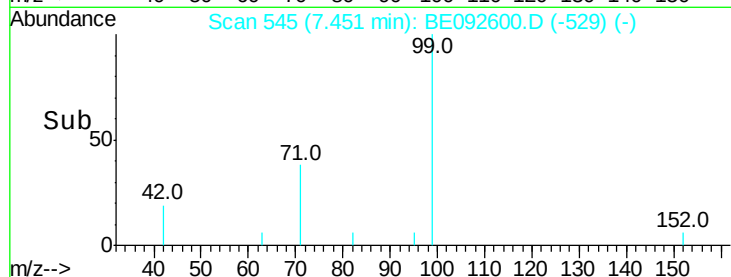
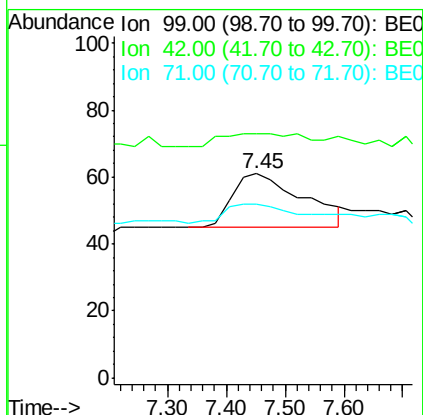
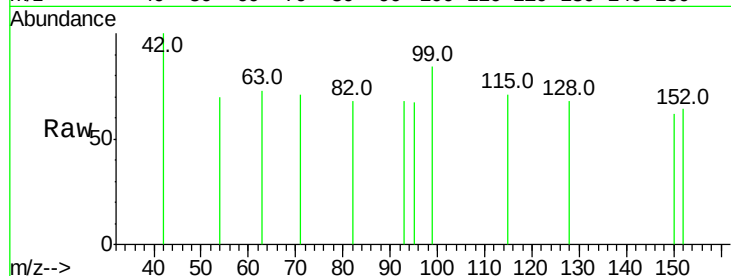
Tot Ion: 99 Resp: 133

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

71 0.0 30.6 45.8#



#6

bis(2-Chloroethyl)ether

Concen: 0.07 ng

RT: 7.54 min Scan# 549

Delta R.T. -0.05 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

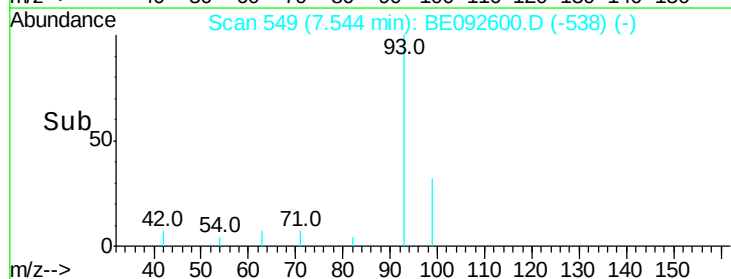
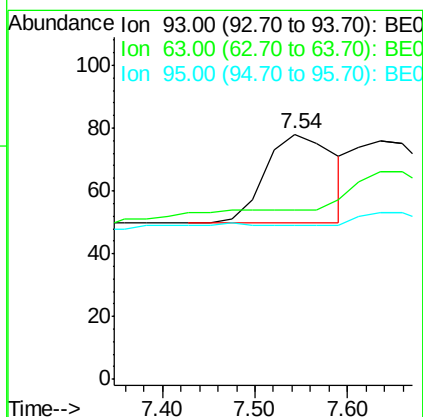
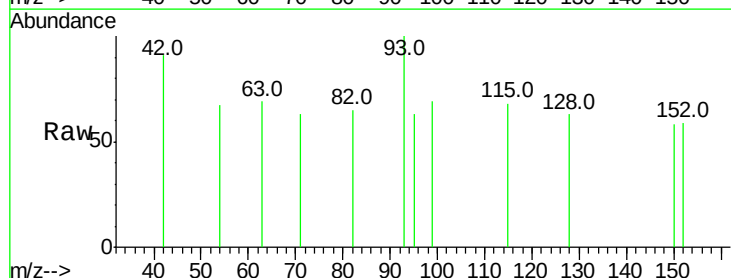
Tgt Ion: 93 Resp: 145

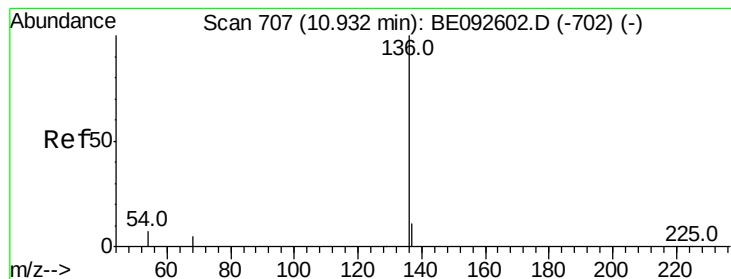
Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

95 0.0 24.0 36.0#





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion:136 Resp: 36494

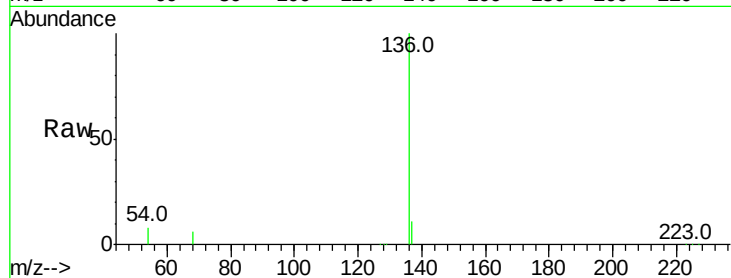
Ion Ratio Lower Upper

136 100

137 11.4 8.2 12.4

54 8.2 9.6 14.4#

68 5.8 6.7 10.1#



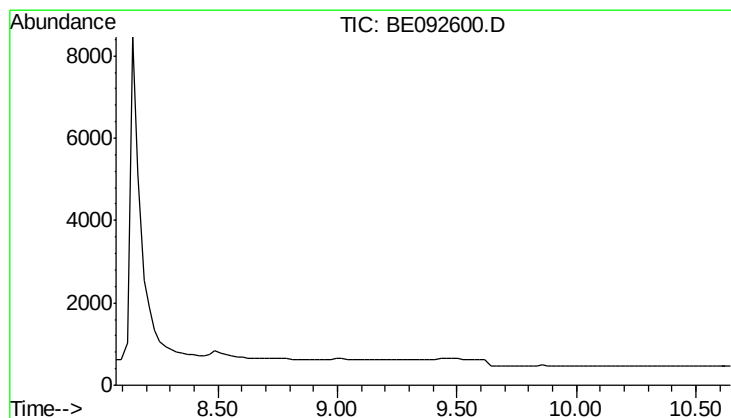
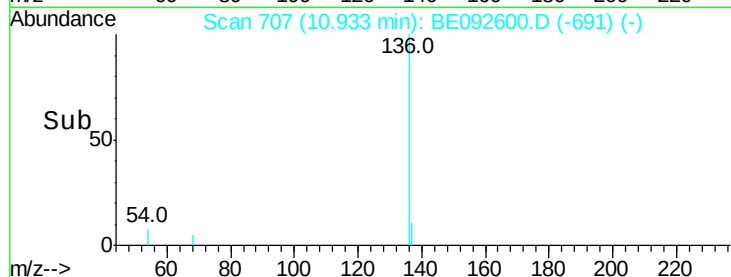
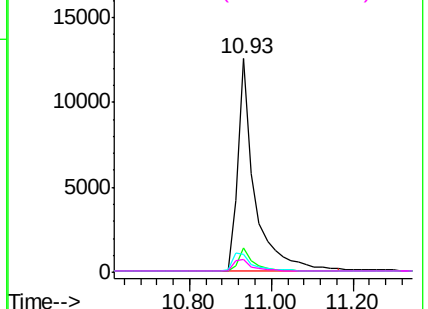
Abundance

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): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.00 ng

Expected RT: 9.36 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

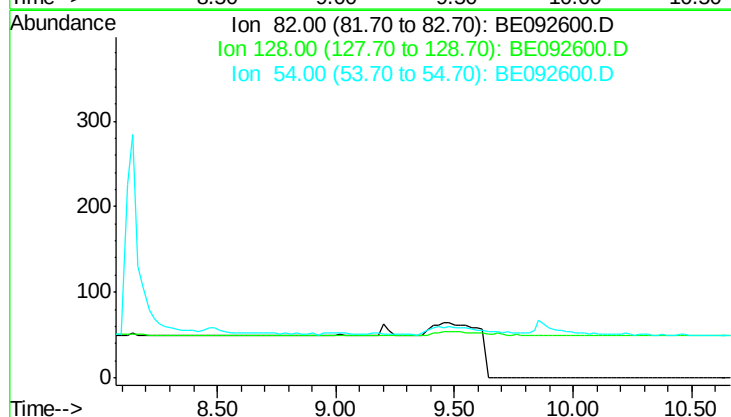
Tgt Ion: 82

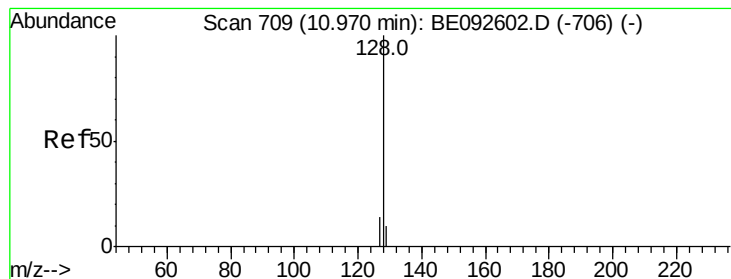
Sig Exp Ratio

82 100

128 48.7

54 56.0





#9

Naphthalene

Concen: 0.13 ng

RT: 10.99 min Scan# 710

Delta R.T. 0.02 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

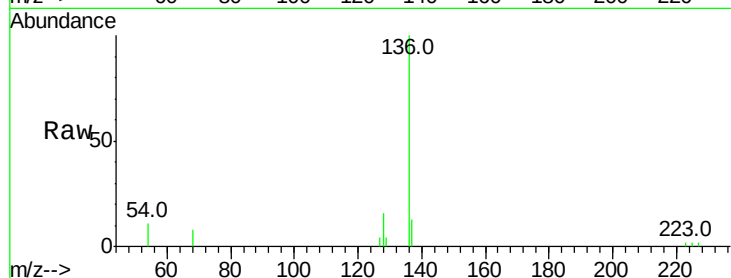
Tot Ion:128 Resp: 943

Ion Ratio Lower Upper

128 100

129 25.8 11.2 16.8#

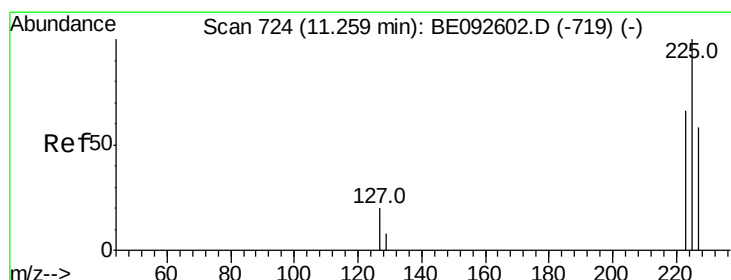
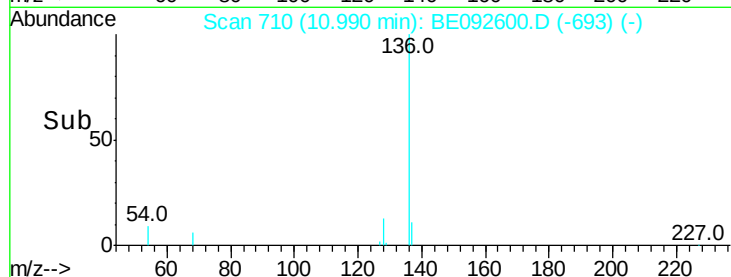
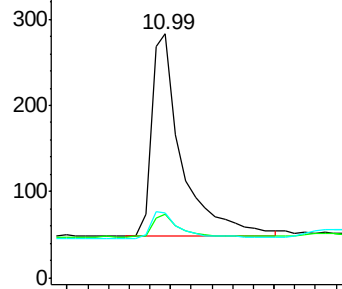
127 26.5 11.6 17.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.12 ng

RT: 11.26 min Scan# 724

Delta R.T. 0.00 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

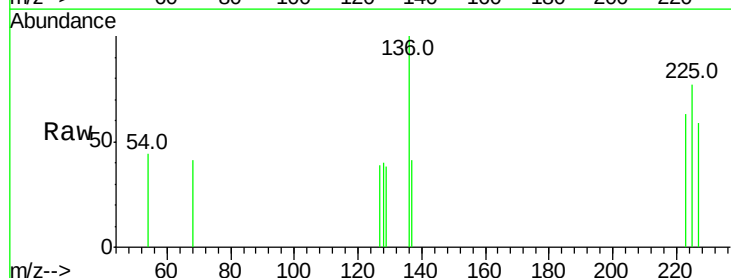
Tgt Ion:225 Resp: 143

Ion Ratio Lower Upper

225 100

223 73.4 50.6 76.0

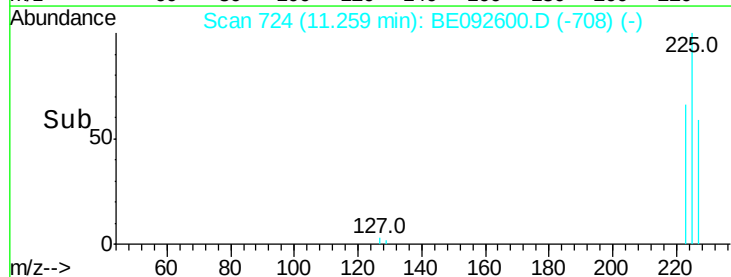
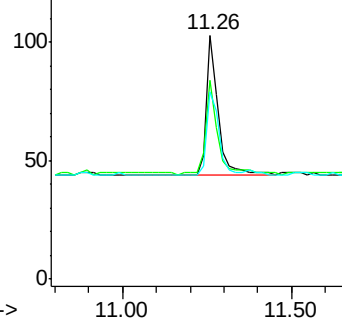
227 62.2 51.4 77.0

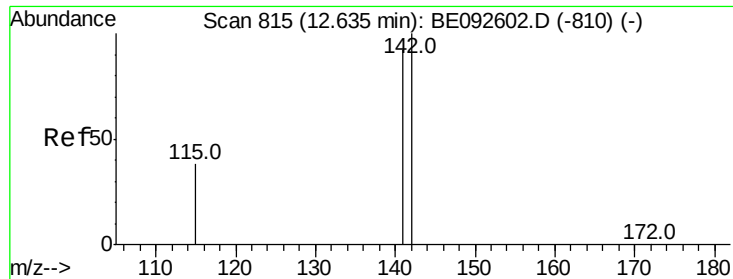


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

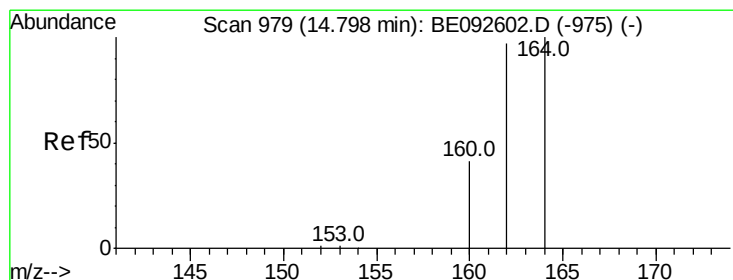
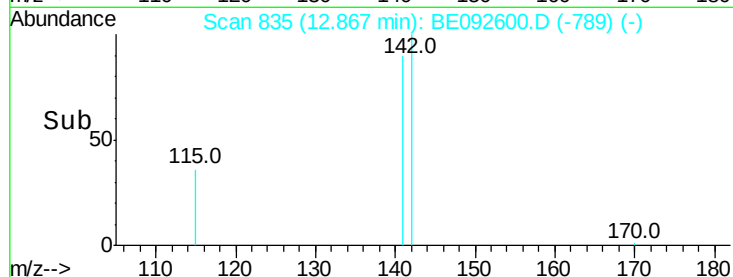
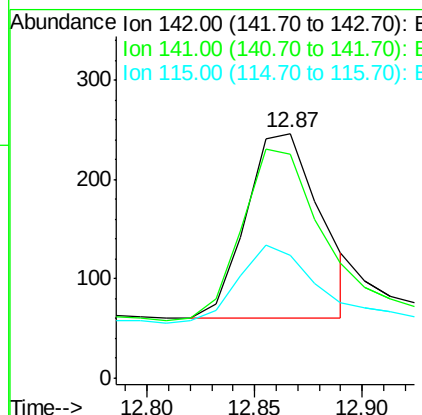
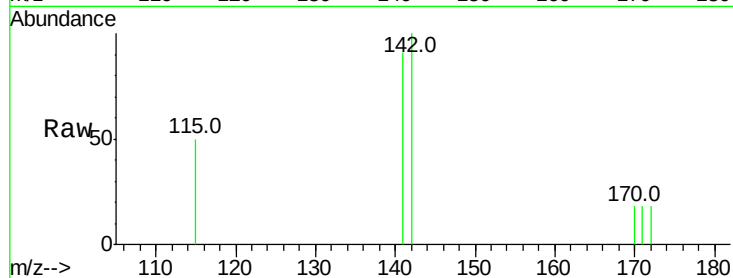




#11
2-Methylnaphthalene
Concen: 0.09 ng
RT: 12.87 min Scan# 835
Delta R.T. 0.23 min
Lab File: BE092600.D
Acq: 19 Dec 2016 9:58

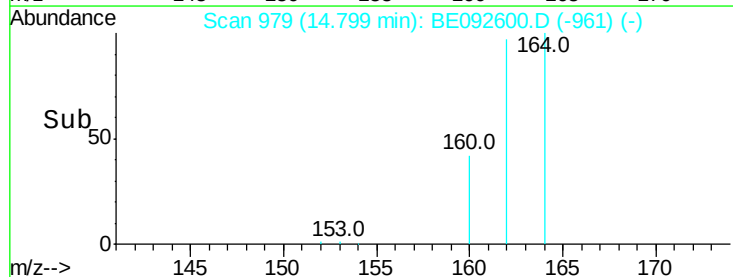
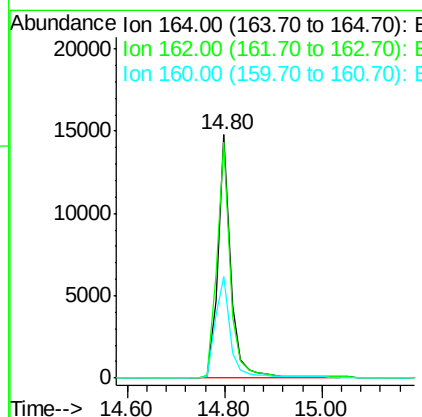
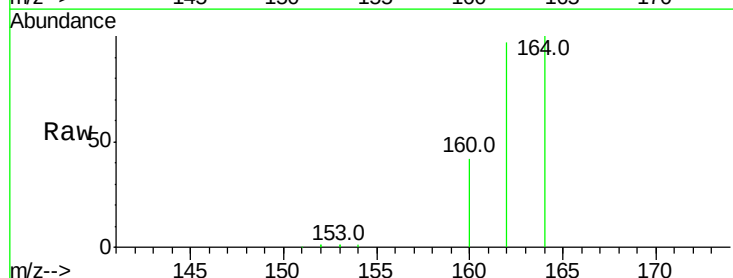
Instrument :
BNA_E
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SSTDIC0.1

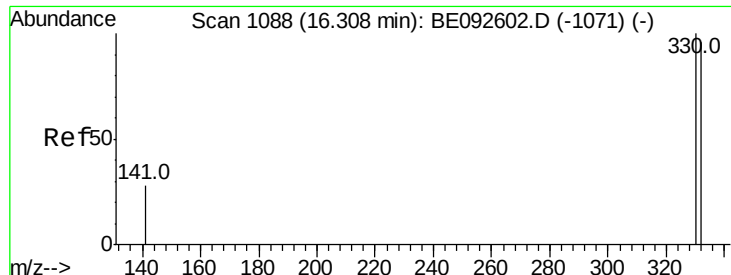
Tot Ion:142 Resp: 448
Ion Ratio Lower Upper
142 100
141 91.5 73.7 110.5
115 50.0 34.0 51.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 979
Delta R.T. 0.00 min
Lab File: BE092600.D
Acq: 19 Dec 2016 9:58

Tgt Ion:164 Resp: 26851
Ion Ratio Lower Upper
164 100
162 96.9 71.4 107.0
160 41.7 27.4 41.2#

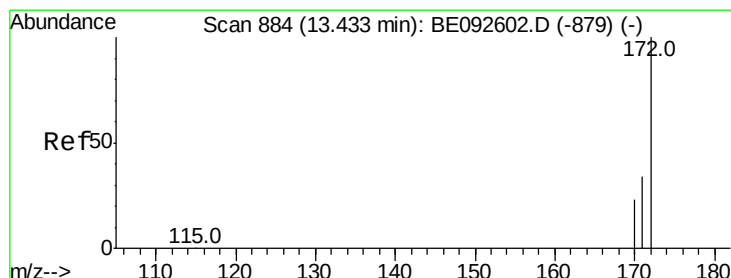
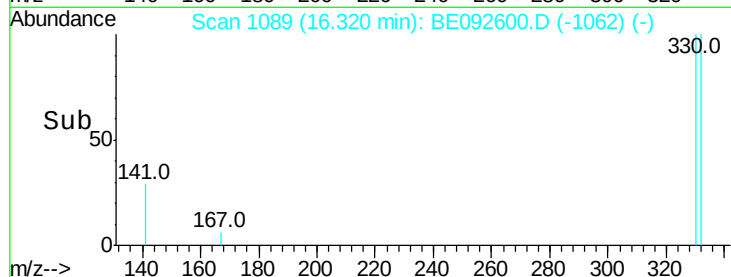
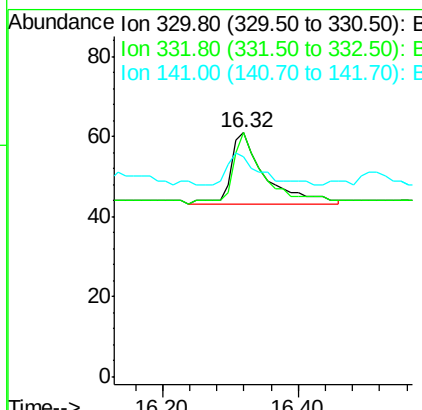
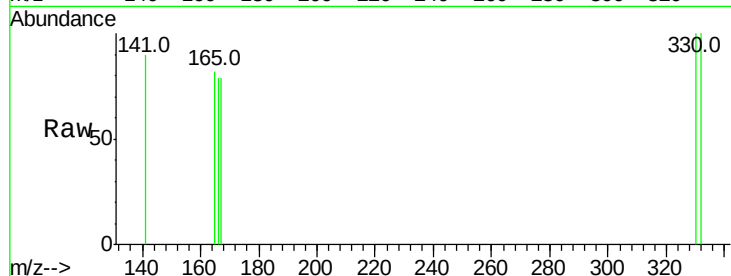




#13
 2,4,6-Tribromophenol
 Concen: 0.11 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: BE092600.D
 Acq: 19 Dec 2016 9:58

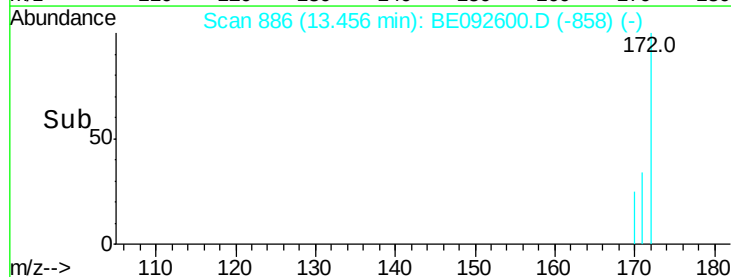
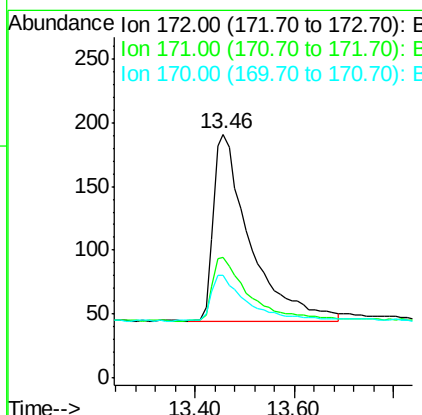
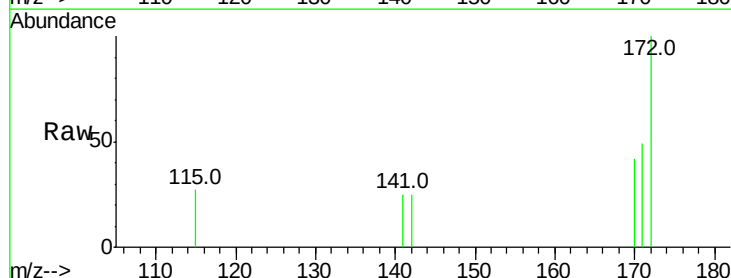
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

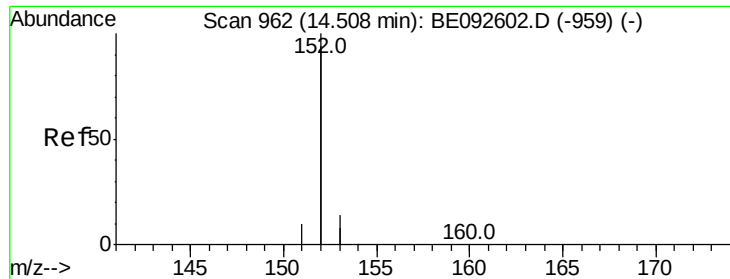
Tot Ion:330 Resp: 65
 Ion Ratio Lower Upper
 330 100
 332 83.1 75.4 113.0
 141 38.5 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.12 ng
 RT: 13.46 min Scan# 886
 Delta R.T. 0.02 min
 Lab File: BE092600.D
 Acq: 19 Dec 2016 9:58

Tgt Ion:172 Resp: 754
 Ion Ratio Lower Upper
 172 100
 171 49.2 30.1 45.1#
 170 41.9 21.8 32.6#





#15

Acenaphthylene

Concen: 0.12 ng

RT: 14.51 min Scan# 962

Delta R.T. 0.00 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

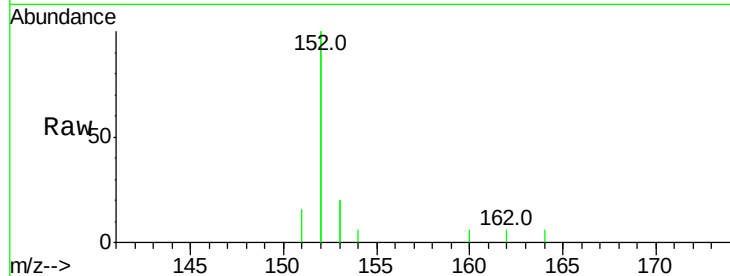
Tot Ion:152 Resp: 4348

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

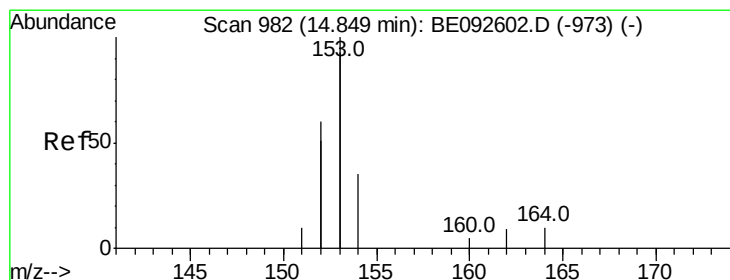
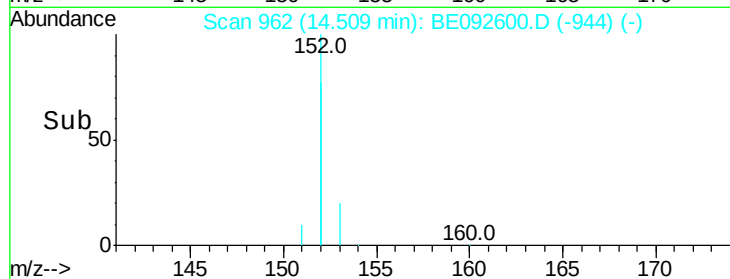
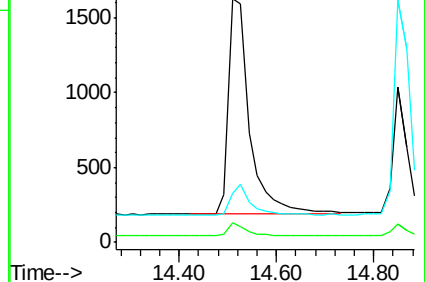
153 13.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.13 ng

RT: 14.87 min Scan# 983

Delta R.T. 0.02 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

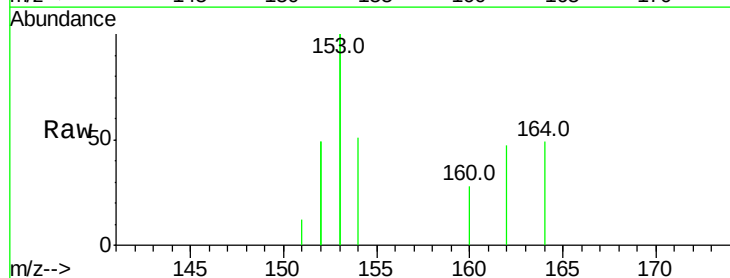
Tgt Ion:154 Resp: 805

Ion Ratio Lower Upper

154 100

153 416.6 350.8 526.2

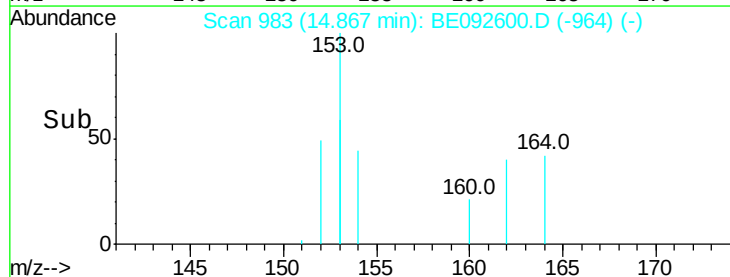
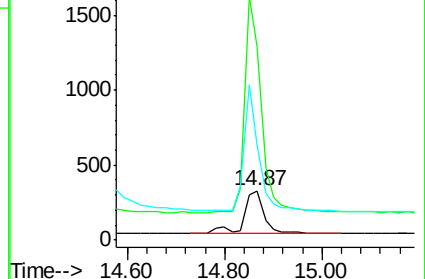
152 217.6 171.1 256.7

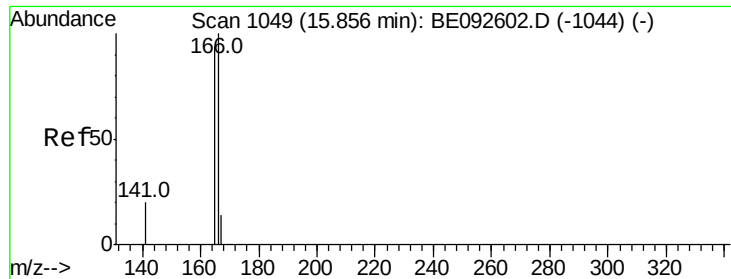


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

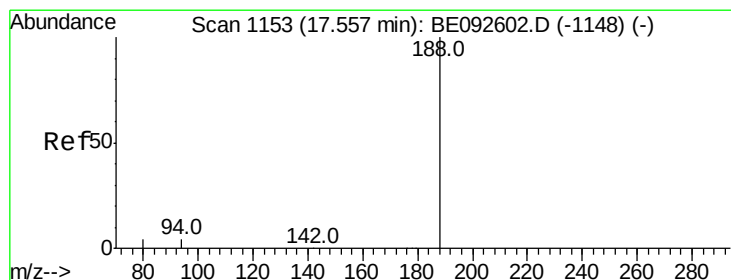
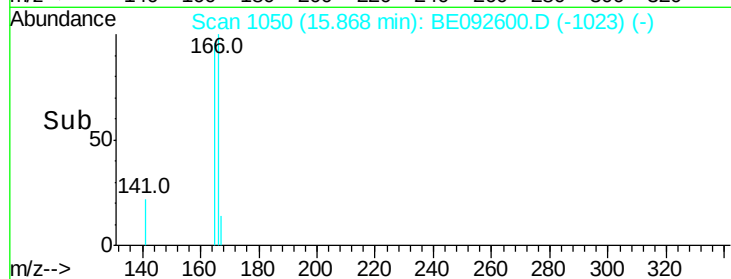
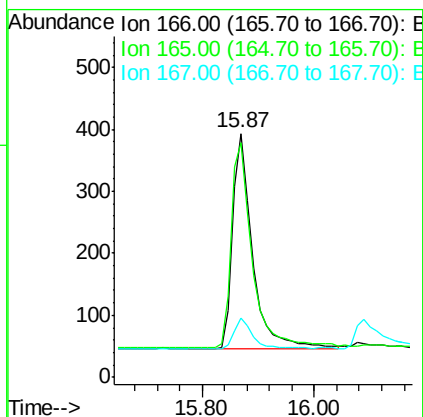
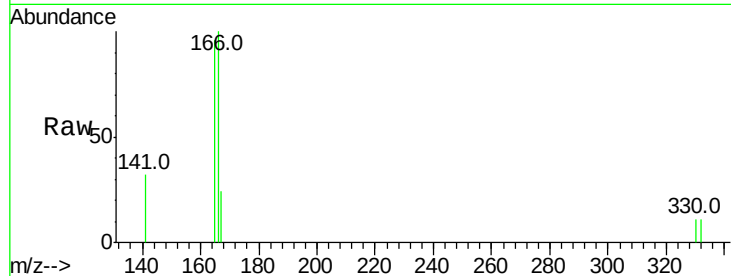




#17
Fluorene
 Concen: 0.12 ng
 RT: 15.87 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: BE092600.D
 Acq: 19 Dec 2016 9:58

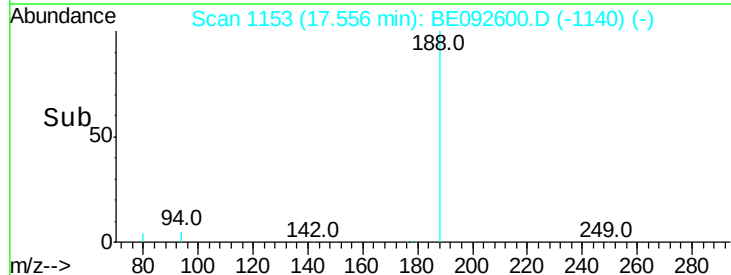
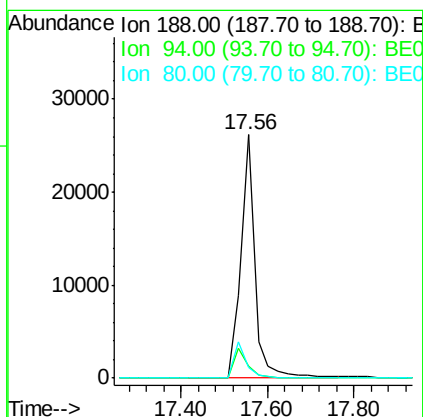
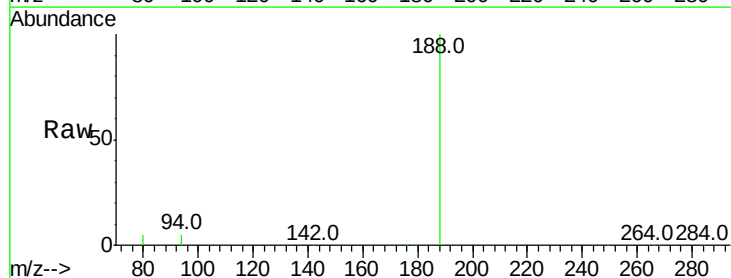
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

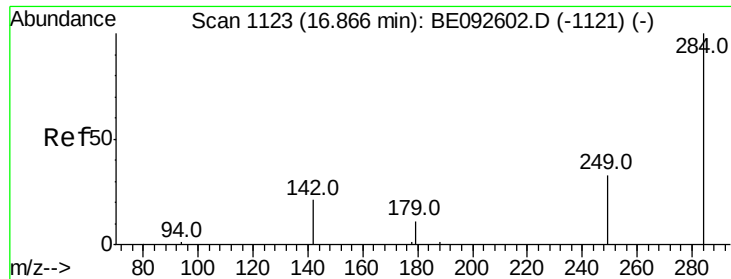
Tot Ion:166 Resp: 884
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.2 117.4
 167 13.0 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE092600.D
 Acq: 19 Dec 2016 9:58

Tgt Ion:188 Resp: 58242
 Ion Ratio Lower Upper
 188 100
 94 5.0 3.2 4.8#
 80 4.6 2.6 3.8#





#19

Hexachlorobenzene

Concen: 0.19 ng

RT: 16.86 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

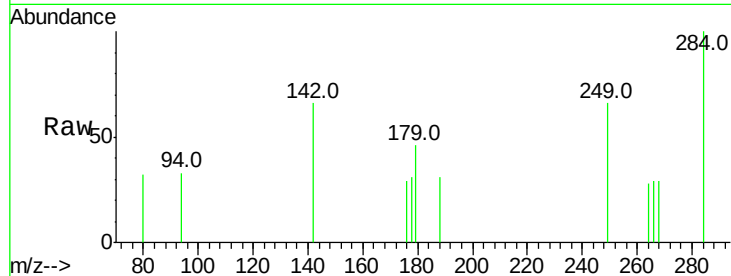
Tot Ion:284 Resp: 427

Ion Ratio Lower Upper

284 100

142 59.0 29.1 43.7#

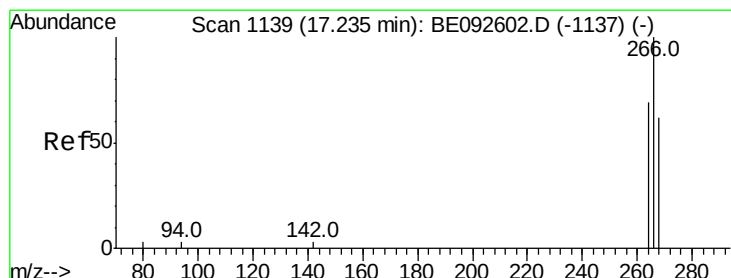
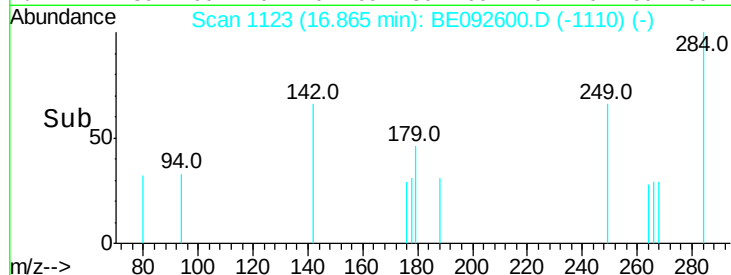
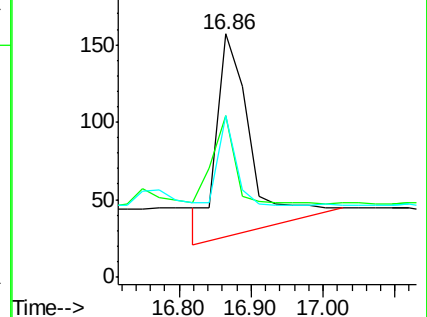
249 42.4 27.9 41.9#



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



#20

Pentachlorophenol

Concen: 0.12 ng

RT: 17.26 min Scan# 1140

Delta R.T. 0.02 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

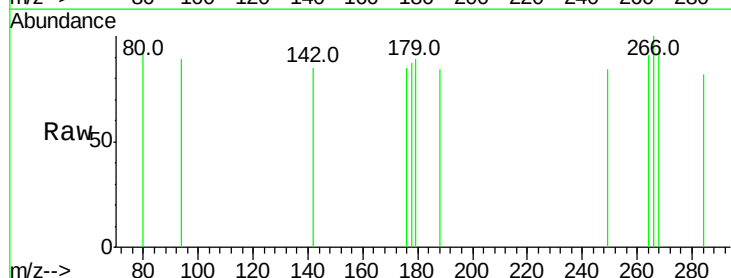
Tgt Ion:266 Resp: 53

Ion Ratio Lower Upper

266 100

268 92.7 62.5 93.7

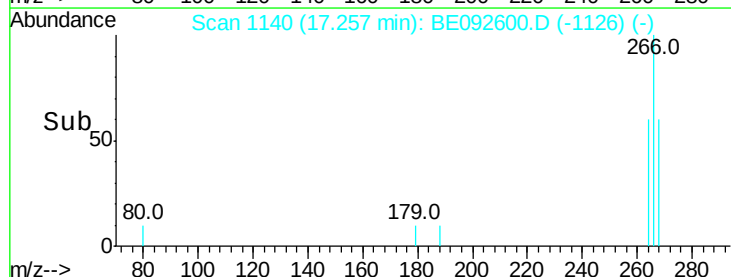
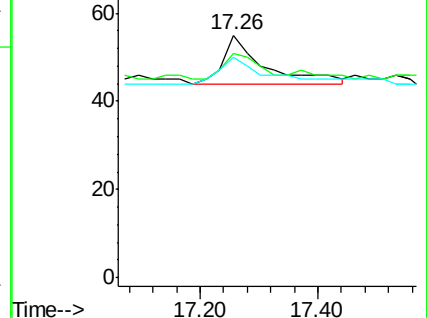
264 90.9 57.2 85.8#

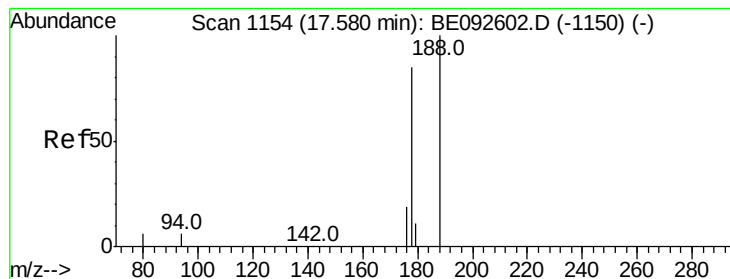


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 0.14 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

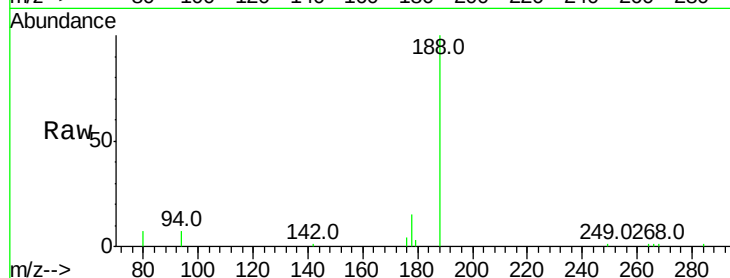
Tot Ion:178 Resp: 1772

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

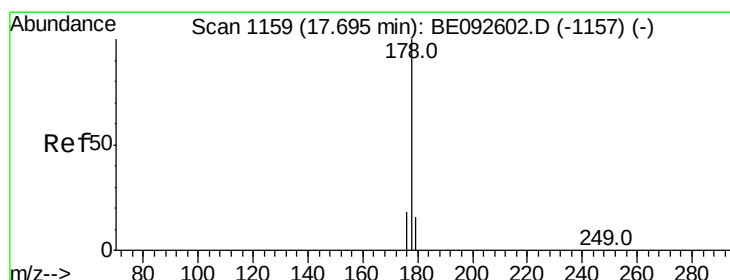
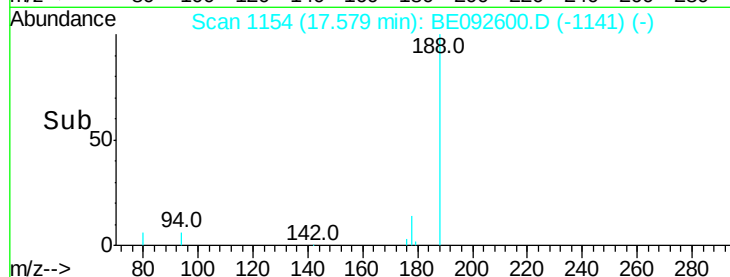
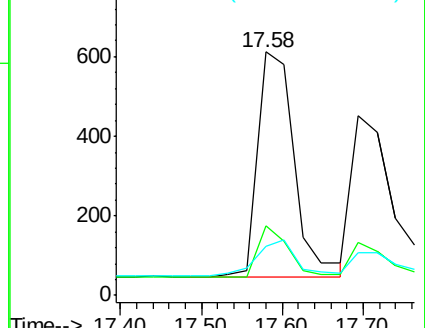
179 0.0 16.0 24.0#



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



#22

Anthracene

Concen: 0.12 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

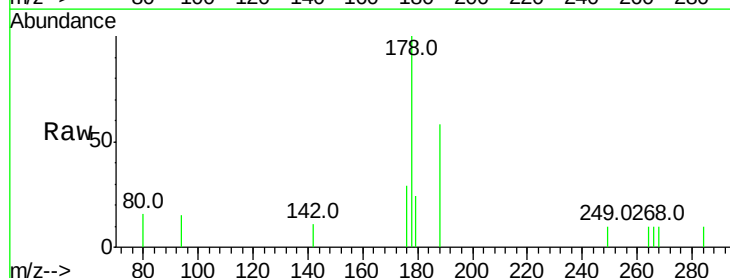
Tgt Ion:178 Resp: 1447

Ion Ratio Lower Upper

178 100

176 19.7 15.0 22.4

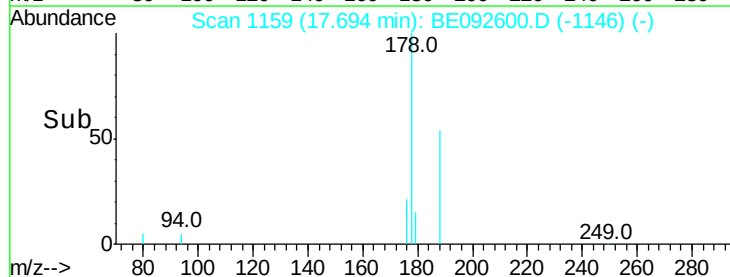
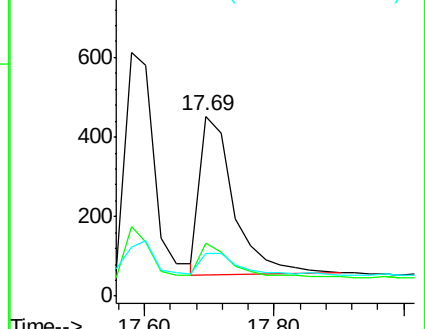
179 16.4 12.2 18.2

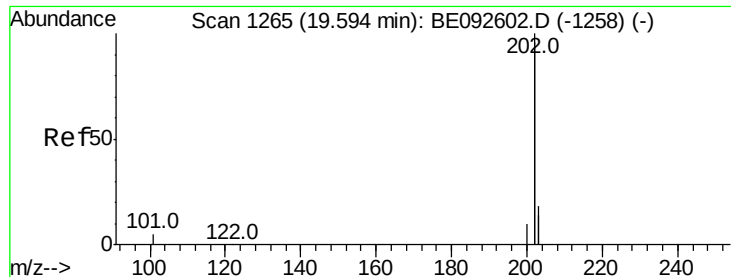


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.12 ng

RT: 19.61 min Scan# 1266

Delta R.T. 0.02 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

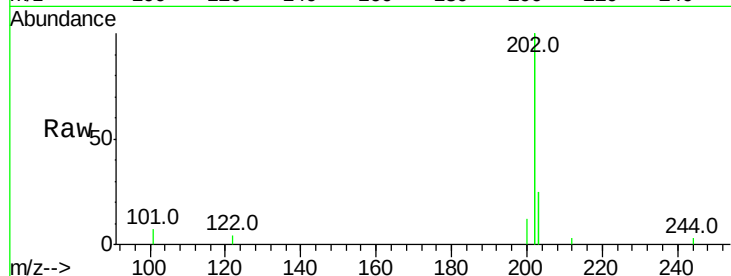
Tot Ion:202 Resp: 7369

Ion Ratio Lower Upper

202 100

101 2.7 2.2 3.4

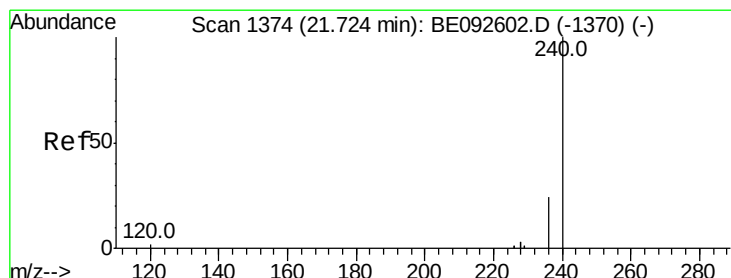
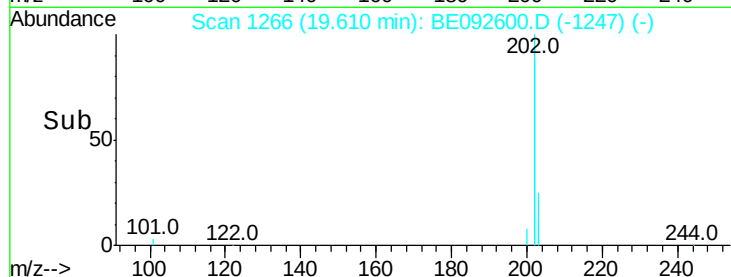
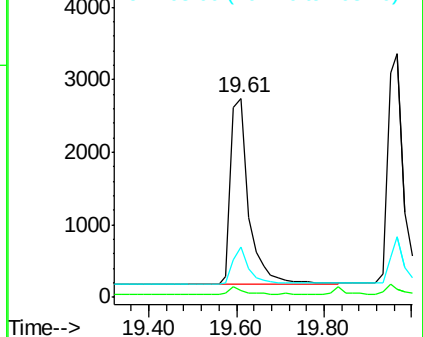
203 18.0 13.7 20.5



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

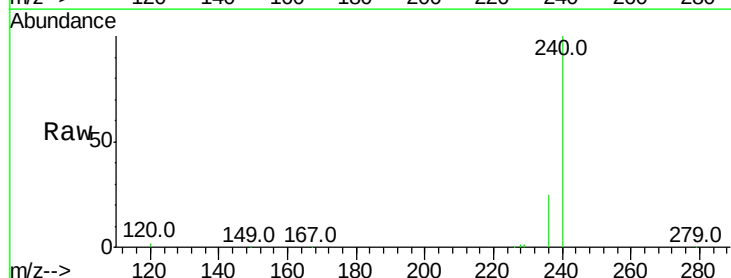
Tgt Ion:240 Resp: 79816

Ion Ratio Lower Upper

240 100

120 2.2 2.6 4.0#

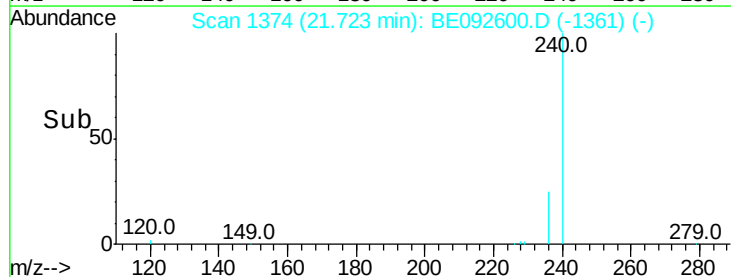
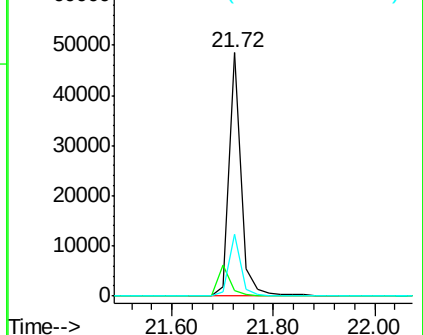
236 25.2 24.6 37.0

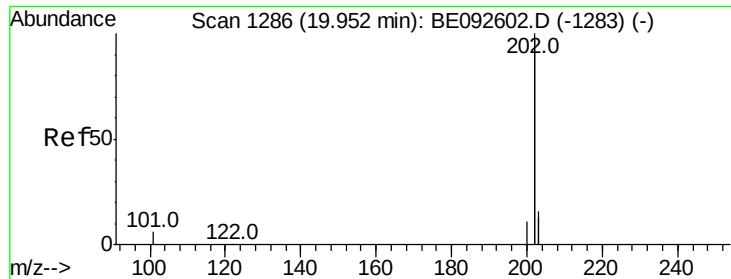


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 0.13 ng

RT: 19.97 min Scan# 1287

Delta R.T. 0.02 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

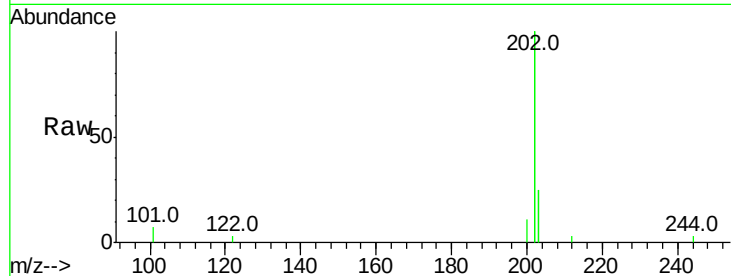
Tot Ion:202 Resp: 8203

Ion Ratio Lower Upper

202 100

200 5.2 4.2 6.4

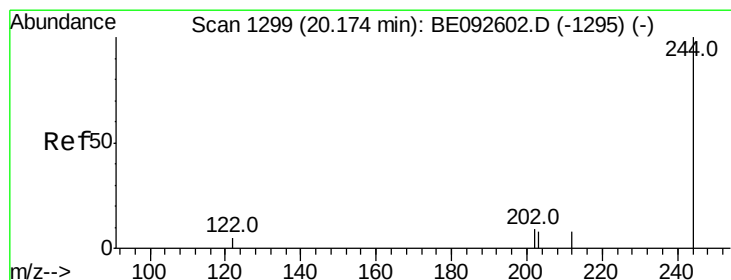
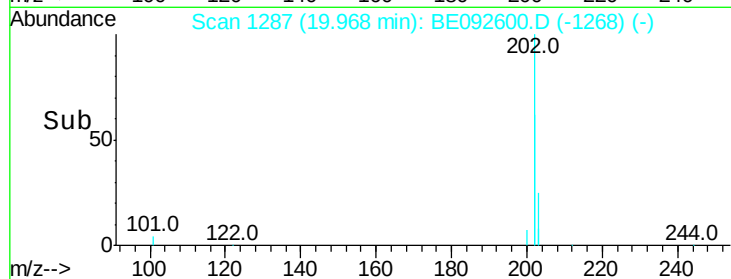
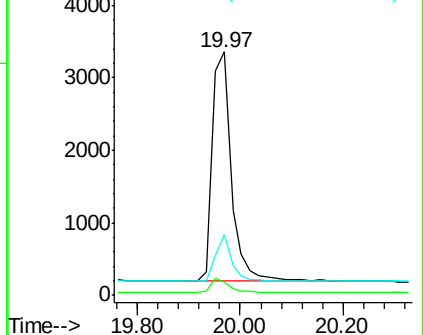
203 17.1 13.9 20.9



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



#26

Terphenyl-d14

Concen: 0.12 ng

RT: 20.17 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

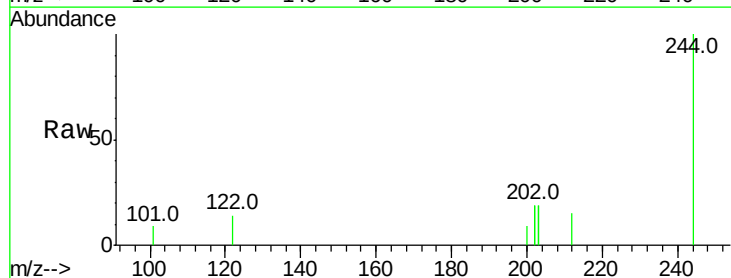
Tgt Ion:244 Resp: 1109

Ion Ratio Lower Upper

244 100

212 15.2 6.7 10.1#

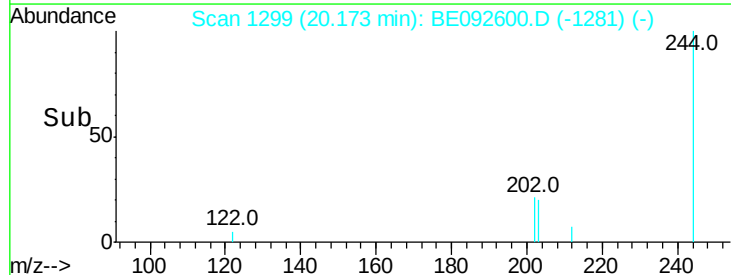
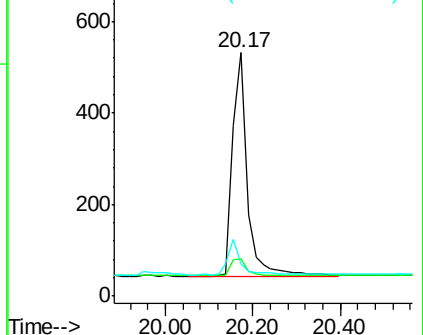
122 13.5 3.6 5.4#

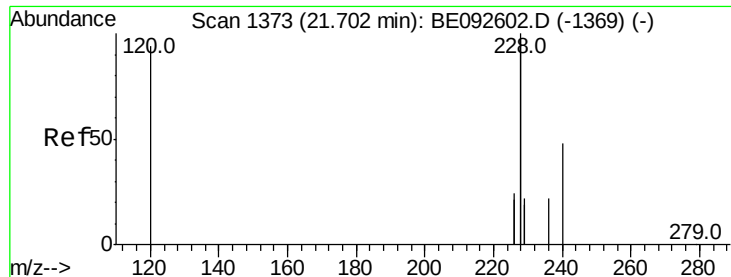


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

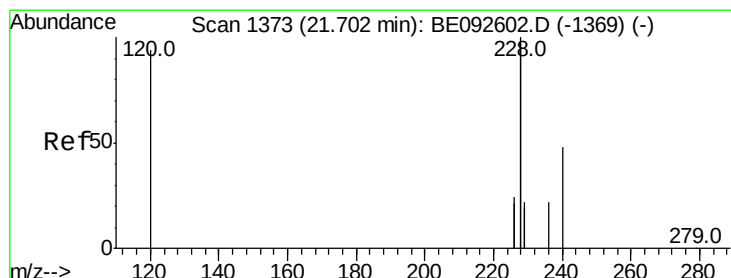
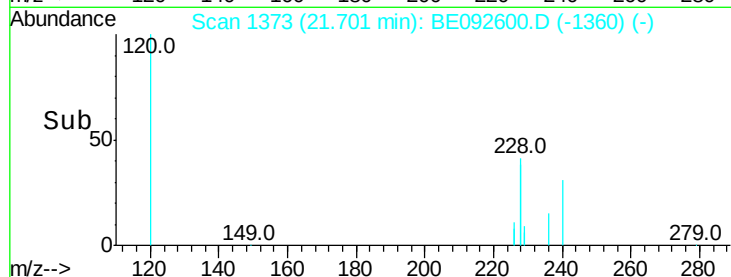
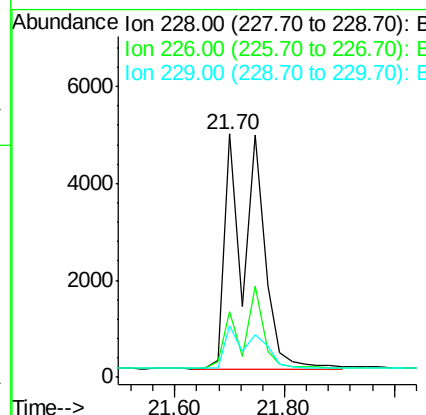
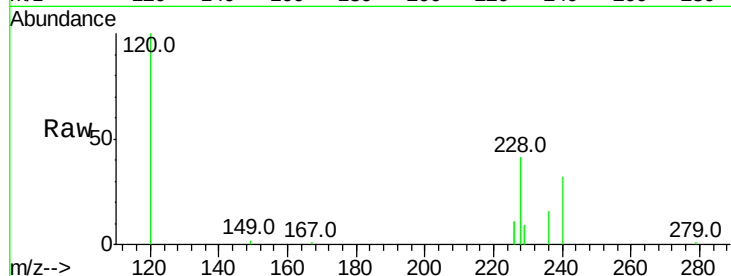




#27
Benzo(a)anthracene
Concen: 0.25 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092600.D
Acq: 19 Dec 2016 9:58

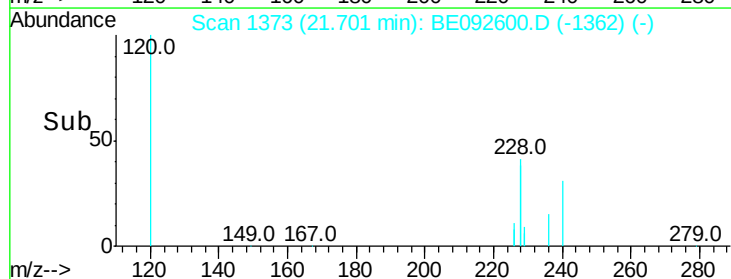
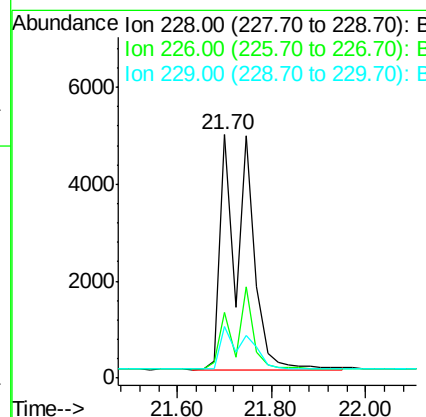
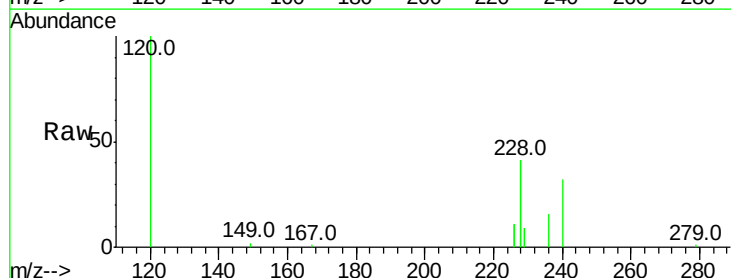
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

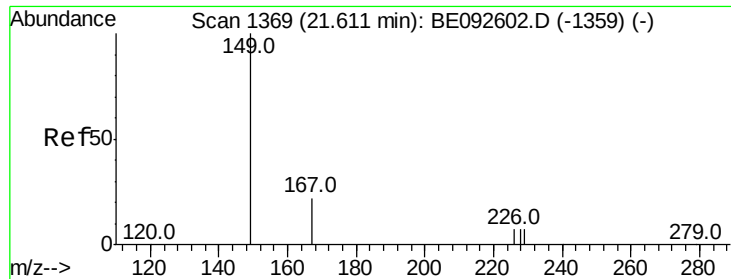
Tot Ion:228 Resp: 18400
Ion Ratio Lower Upper
228 100
226 27.0 23.6 35.4
229 21.1 13.3 19.9#



#28
Chrysene
Concen: 0.27 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BE092600.D
Acq: 19 Dec 2016 9:58

Tgt Ion:228 Resp: 18488
Ion Ratio Lower Upper
228 100
226 27.0 36.3 54.5#
229 21.1 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.16 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

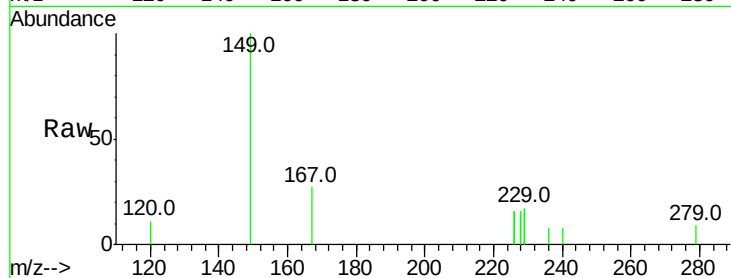
Tot Ion:149 Resp: 758

Ion Ratio Lower Upper

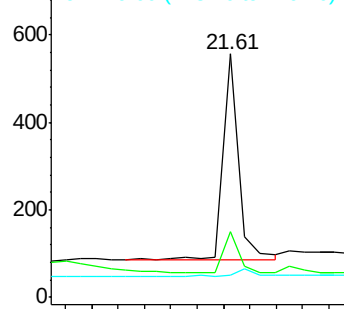
149 100

167 19.4 16.0 24.0

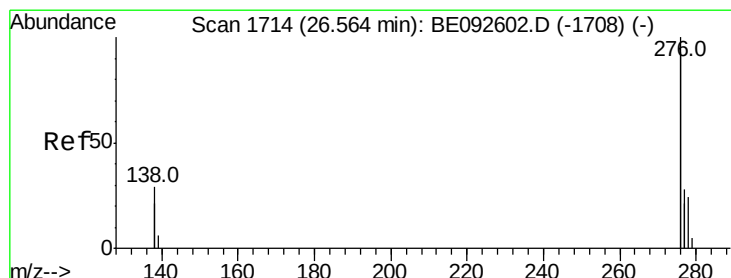
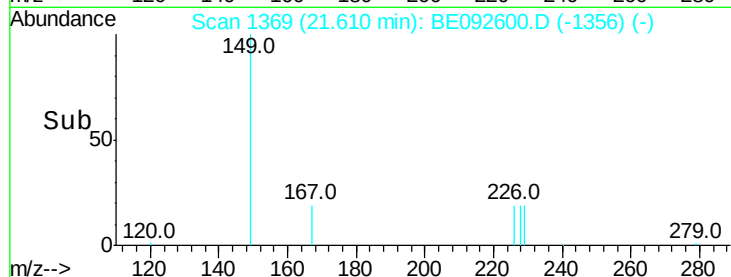
279 0.0 16.0 24.0#



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



Time-->



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.10 ng

RT: 26.58 min Scan# 1715

Delta R.T. 0.02 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

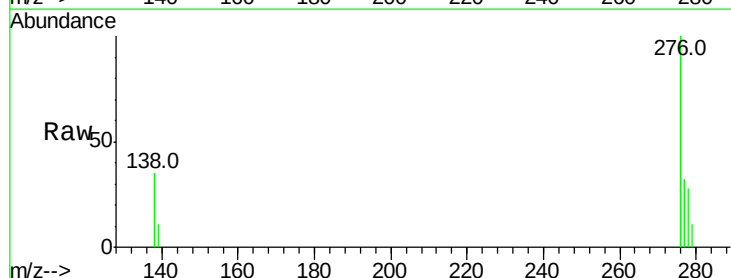
Tgt Ion:276 Resp: 7890

Ion Ratio Lower Upper

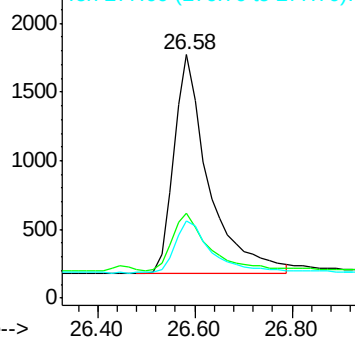
276 100

138 26.8 20.3 30.5

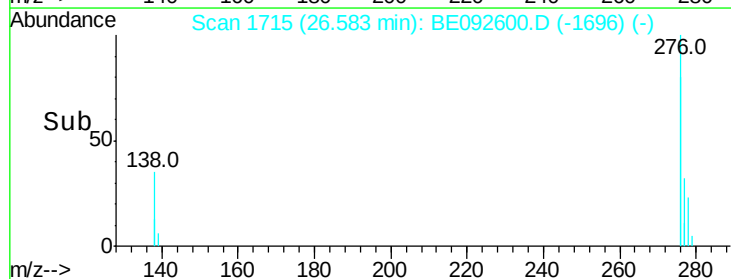
277 25.2 19.7 29.5

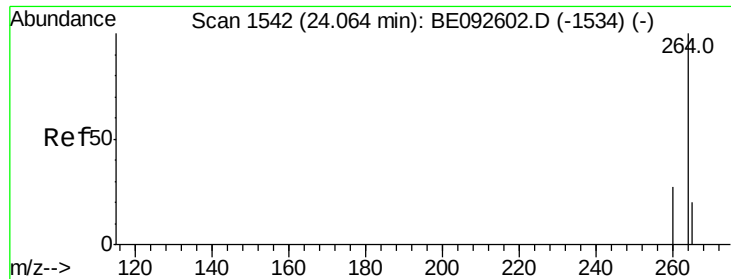


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->

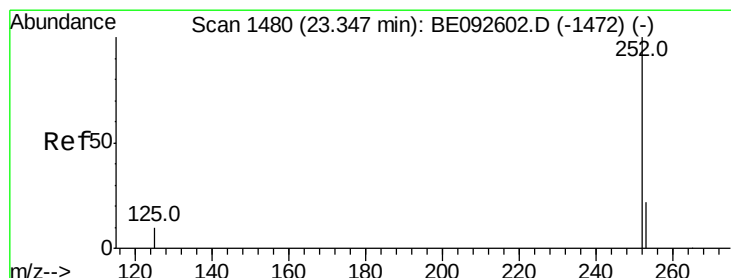
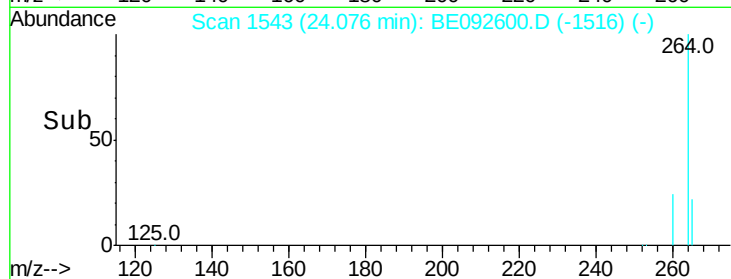
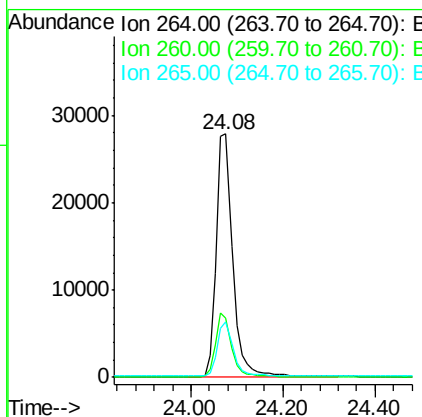
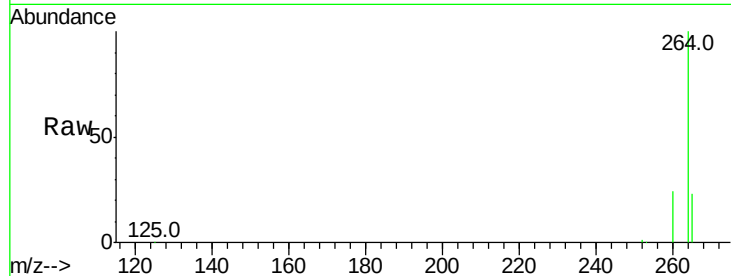




#31
 Pervlene-d12
 Concen: 5.00 ng
 RT: 24.08 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BE092600.D
 Acq: 19 Dec 2016 9:58

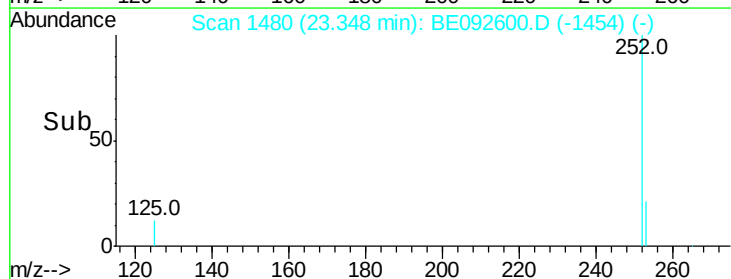
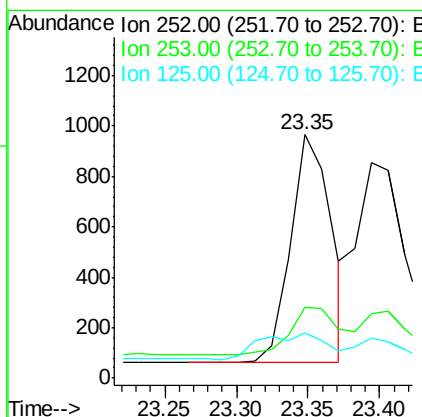
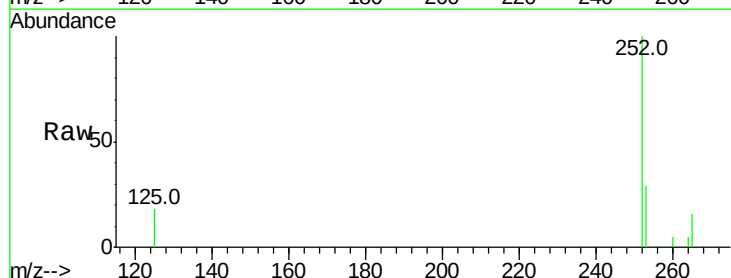
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

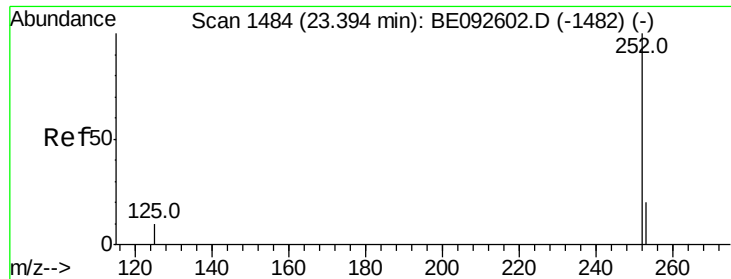
Tot Ion:264 Resp: 68989
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.1 30.1
 265 23.0 17.9 26.9



#32
 Benzo(b)fluoranthene
 Concen: 0.11 ng
 RT: 23.35 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BE092600.D
 Acq: 19 Dec 2016 9:58

Tgt Ion:252 Resp: 1768
 Ion Ratio Lower Upper
 252 100
 253 29.1 18.7 28.1#
 125 18.4 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 0.13 ng

RT: 23.39 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

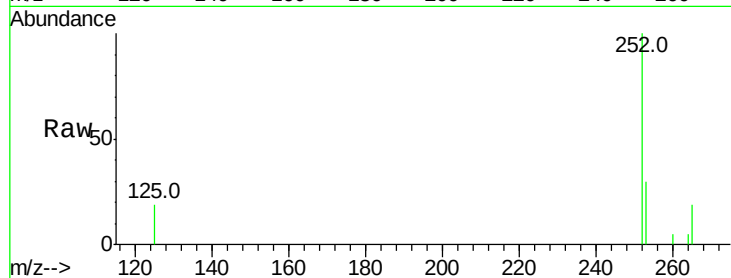
Tot Ion:252 Resp: 2207

Ion Ratio Lower Upper

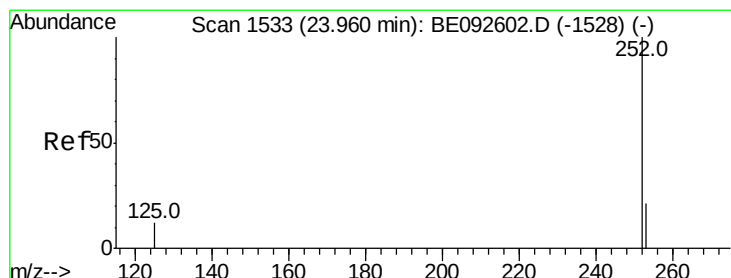
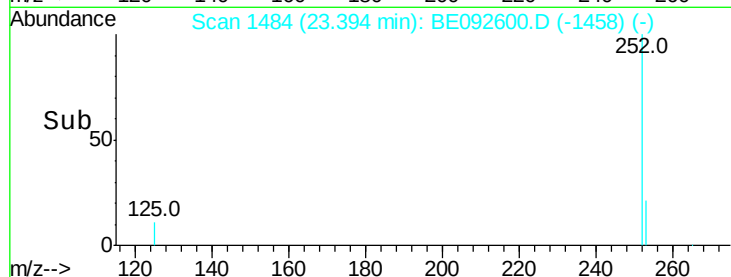
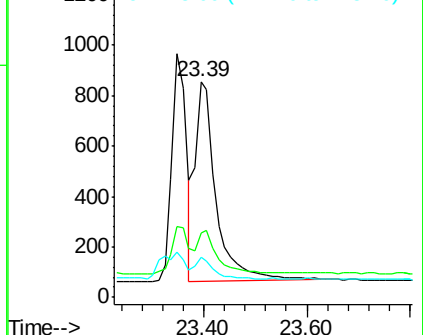
252 100

253 30.0 20.3 30.5

125 18.6 9.6 14.4#



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



#34

Benzo(a)pyrene

Concen: 0.11 ng

RT: 23.96 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

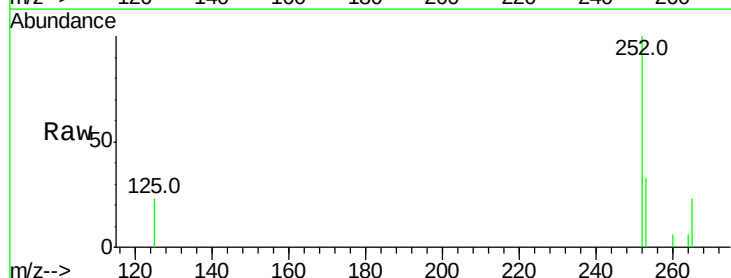
Tgt Ion:252 Resp: 1735

Ion Ratio Lower Upper

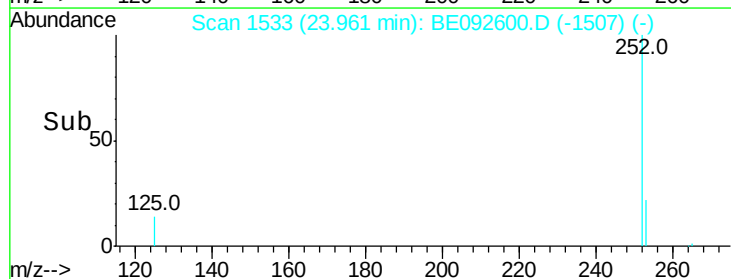
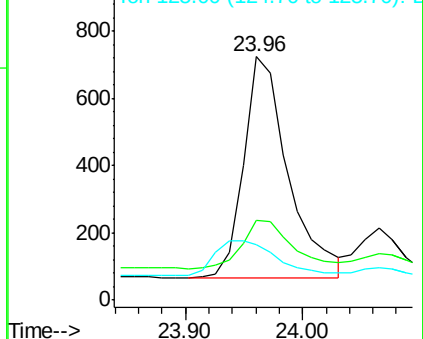
252 100

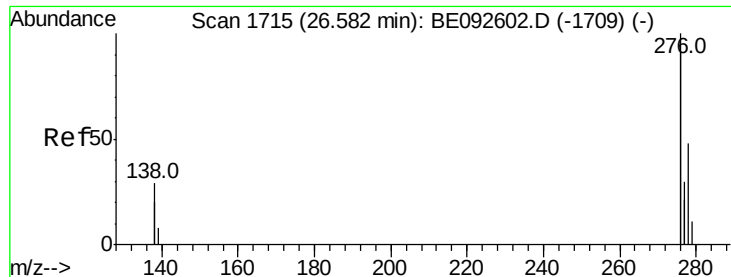
253 32.9 19.0 28.6#

125 22.9 11.8 17.8#



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





#35

Dibenzo(a,h)anthracene

Concen: 0.10 ng

RT: 26.60 min Scan# 1716

Delta R.T. 0.02 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

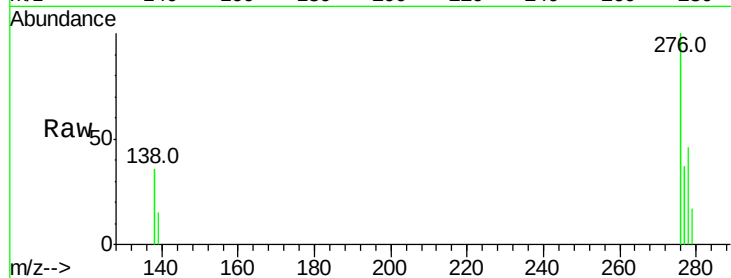
Tot Ion:278 Resp: 1593

Ion Ratio Lower Upper

278 100

139 31.2 13.8 20.8#

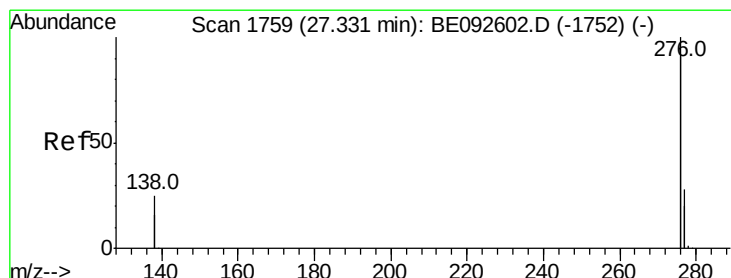
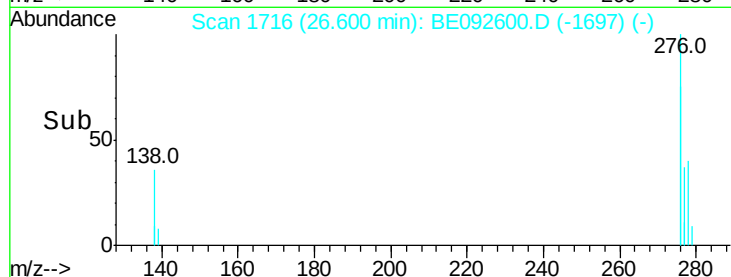
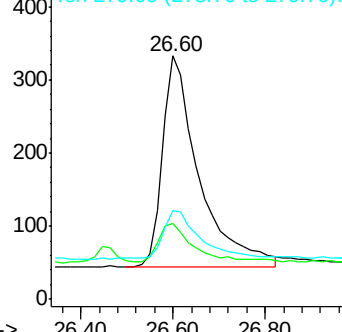
279 36.6 21.4 32.2#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#36

Benzo(g,h,i)perylene

Concen: 0.11 ng

RT: 27.33 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BE092600.D

Acq: 19 Dec 2016 9:58

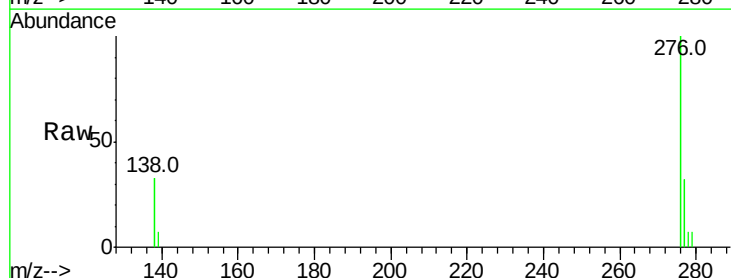
Tgt Ion:276 Resp: 7199

Ion Ratio Lower Upper

276 100

277 31.6 19.8 29.8#

138 32.8 19.8 29.6#



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

