

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040816\
 Data File : BE091613.D
 Acq On : 8 Apr 2016 15:49
 Operator : UM/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Apr 08 16:23:38 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:46:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	36174	5.00	ng	0.00
7) Naphthalene-d8	10.59	136	171924	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	102024	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	260867	5.00	ng	0.00
26) Chrysene-d12	21.31	240	326405	5.00	ng	0.00
35) Perylene-d12	23.76	264	277592	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	866	0.11	ng	0.00
5) Phenol-d6	6.97	99	1081	0.12	ng	0.00
8) Nitrobenzene-d5	8.97	82	833	0.09	ng	0.01
14) 2,4,6-Tribromophenol	15.91	330	648	0.20	ng	0.00
15) 2-Fluorobiphenyl	13.06	172	2980	0.11	ng	0.01
29) Terphenyl-d14	19.78	244	3931	0.10	ng	0.02

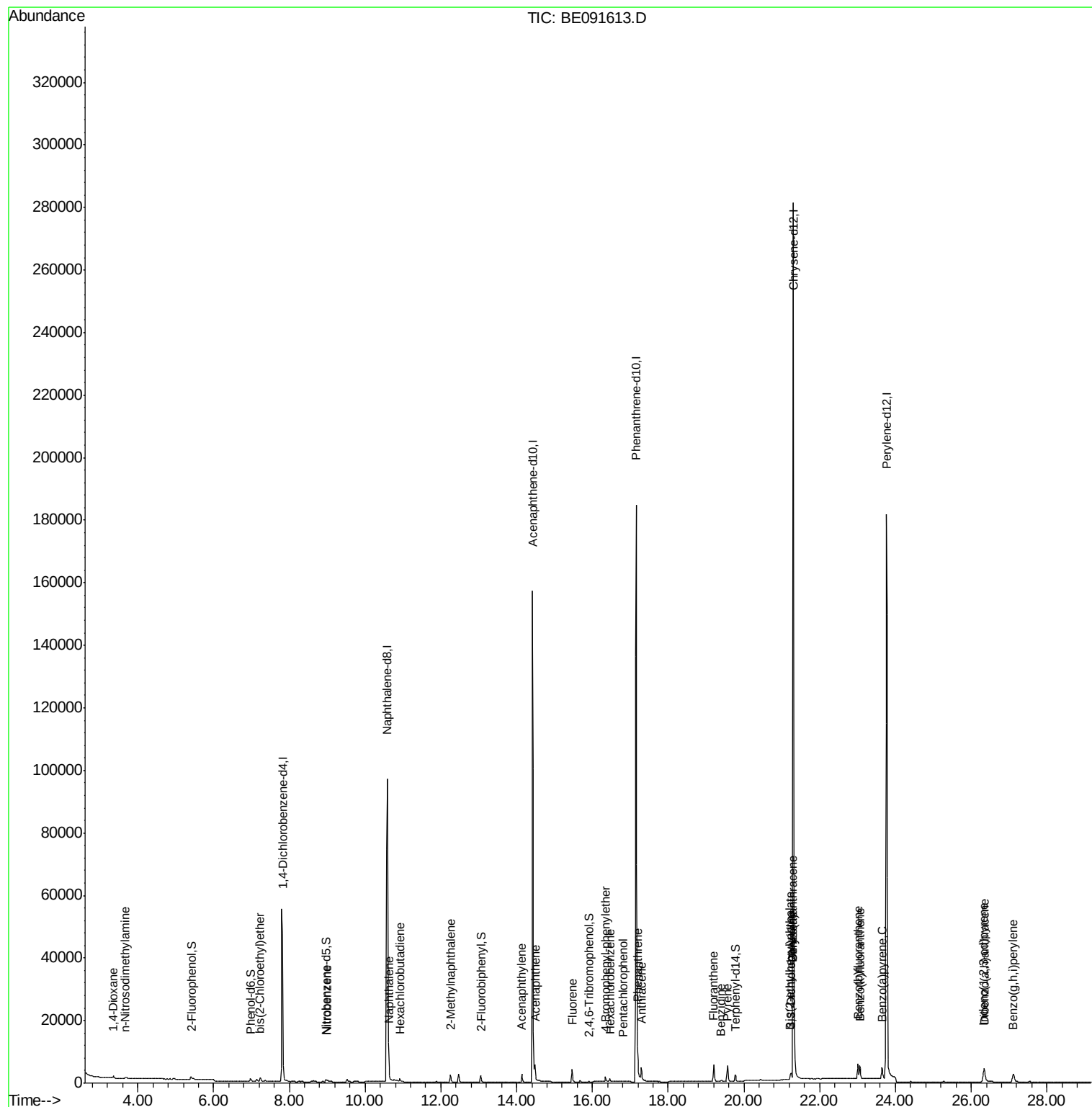
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	637	0.10	ng	# 81
3) n-Nitrosodimethylamine	3.66	42	463	0.07	ng	100
6) bis(2-Chloroethyl)ether	7.23	93	977	0.09	ng	# 82
9) Nitrobenzene	9.00	77	870	0.09	ng	96
10) Naphthalene	10.63	128	3790	0.10	ng	95
11) Hexachlorobutadiene	10.92	225	953	0.15	ng	# 79
12) 2-Methylnaphthalene	12.25	142	2286	0.10	ng	98
16) Acenaphthylene	14.14	152	3519	0.02	ng	# 57
17) Acenaphthene	14.49	154	2582	0.09	ng	83
18) Fluorene	15.47	166	3132	0.09	ng	99
20) 4-Bromophenyl-phenylether	16.34	248	897	0.09	ng	94
21) Hexachlorobenzene	16.46	284	1030	0.02	ng	97
22) Pentachlorophenol	16.81	266	207	0.06	ng	95
23) Phenanthrene	17.19	178	6390	0.10	ng	97
24) Anthracene	17.29	178	5008	0.08	ng	99
25) Fluoranthene	19.21	202	5979	0.08	ng	# 96
27) Benzidine	19.40	184	1243	0.21	ng	# 94
28) Pyrene	19.57	202	6152	0.07	ng	99
30) Benzo(a)anthracene	21.29	228	14197	0.18	ng	94
31) 3,3'-Dichlorobenzidine	21.24	252	3064	0.23	ng	# 96
32) Chrysene	21.29	228	14352	0.15	ng	98
33) Bis(2-ethylhexyl)phthalate	21.22	149	1876	0.06	ng	# 79
34) Indeno(1,2,3-cd)pyrene	26.33	276	7310	0.09	ng	97
36) Benzo(b)fluoranthene	23.01	252	6712	0.11	ng	# 89
37) Benzo(k)fluoranthene	23.06	252	6297	0.07	ng	# 92
38) Benzo(a)pyrene	23.65	252	5950	0.10	ng	# 85
39) Dibenzo(a,h)anthracene	26.35	278	5928	0.11	ng	94
40) Benzo(g,h,i)perylene	27.12	276	6166	0.10	ng	97

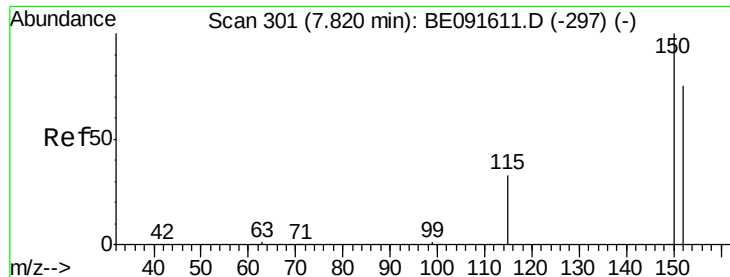
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040816\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.82 min Scan# 301

Delta R.T. -0.00 min

Lab File: BE091613.D

Acq: 8 Apr 2016 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

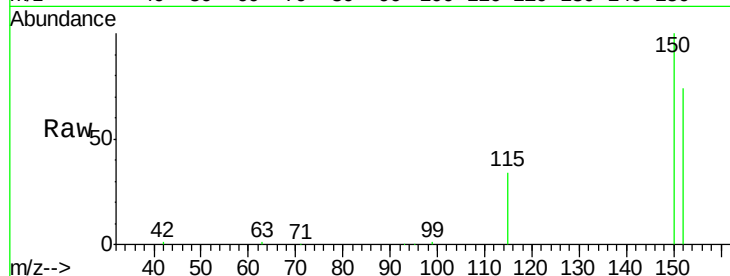
Tot Ion:152 Resp: 36174

Ion Ratio Lower Upper

152 100

150 134.2 122.6 183.8

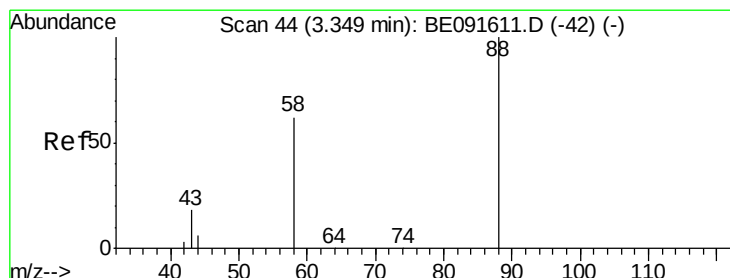
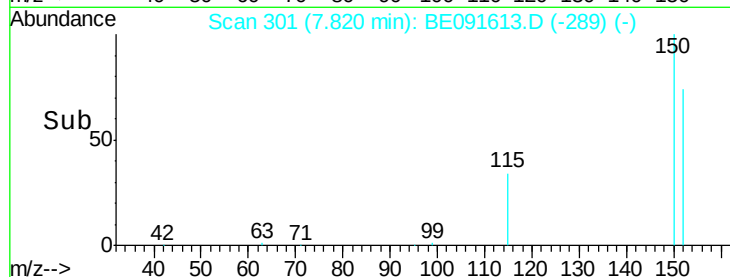
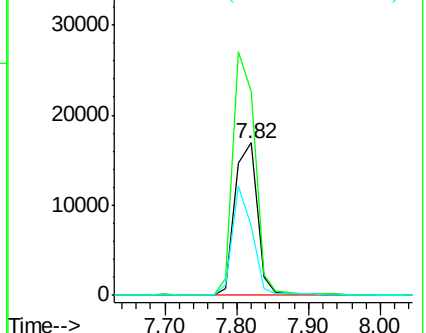
115 45.5 52.8 79.2#



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: 0.10 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE091613.D

Acq: 8 Apr 2016 15:49

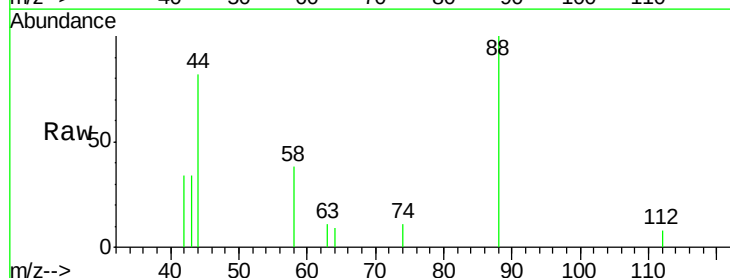
Tgt Ion: 88 Resp: 637

Ion Ratio Lower Upper

88 100

58 59.5 65.8 98.6#

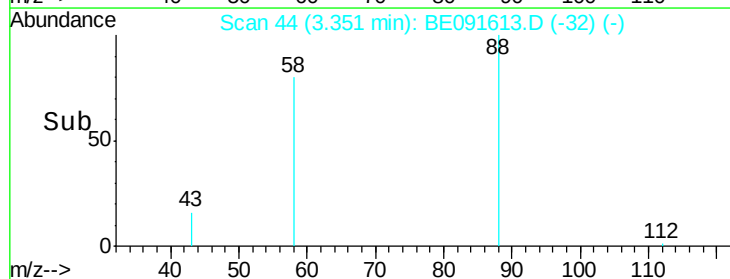
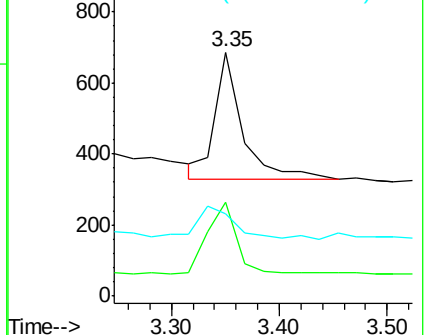
43 32.0 25.3 37.9

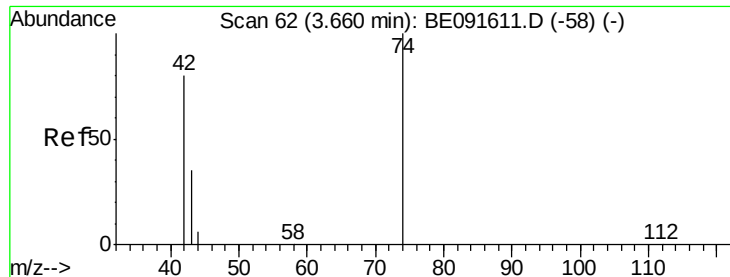


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



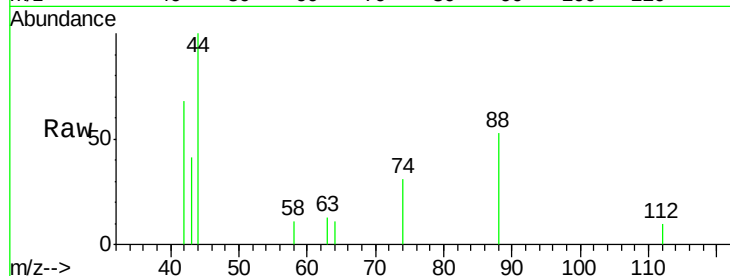


#3

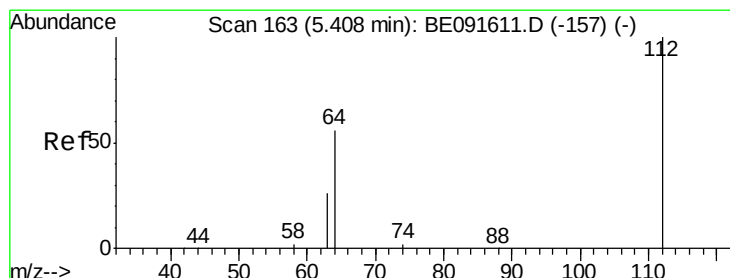
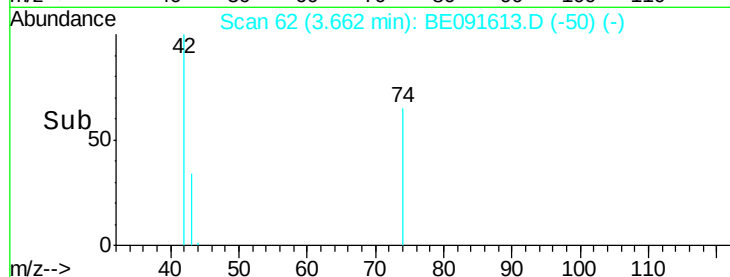
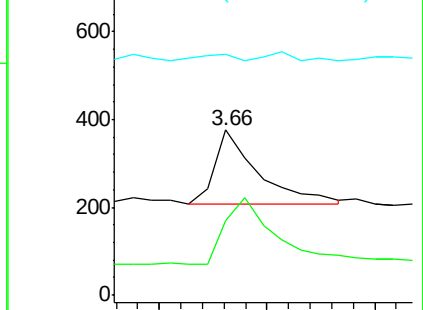
n-Nitrosodimethylamine
 Concen: 0.07 ng
 RT: 3.66 min Scan# 62
 Delta R.T. 0.00 min
 Lab File: BE091613.D
 Acq: 8 Apr 2016 15:49

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tot Ion: 42 Resp: 463
 Ion Ratio Lower Upper
 42 100
 74 109.9 87.9 131.9
 44 8.2 6.6 9.8



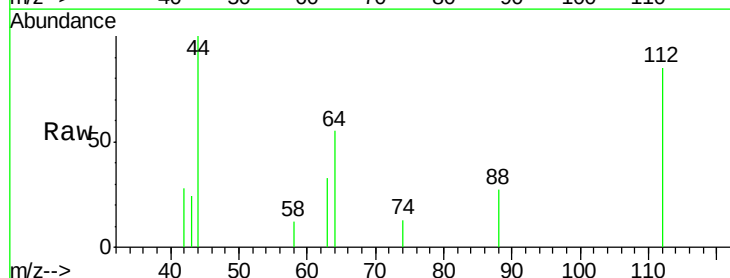
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



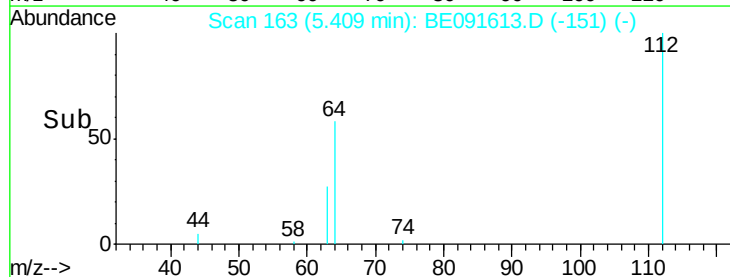
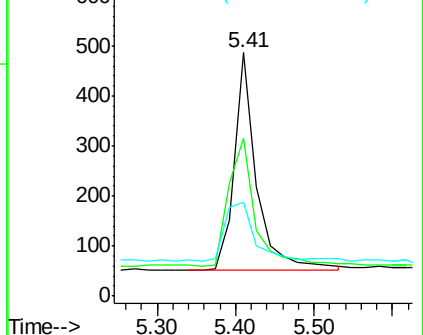
#4

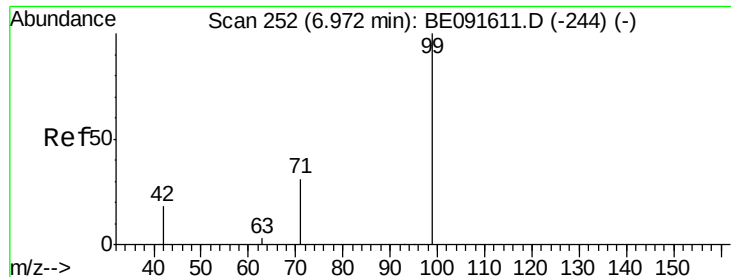
2-Fluorophenol
 Concen: 0.11 ng
 RT: 5.41 min Scan# 163
 Delta R.T. 0.00 min
 Lab File: BE091613.D
 Acq: 8 Apr 2016 15:49

Tgt Ion: 112 Resp: 866
 Ion Ratio Lower Upper
 112 100
 64 69.1 30.9 46.3#
 63 36.8 16.7 25.1#



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





#5

Phenol-d6

Concen: 0.12 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091613.D

Acq: 8 Apr 2016 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

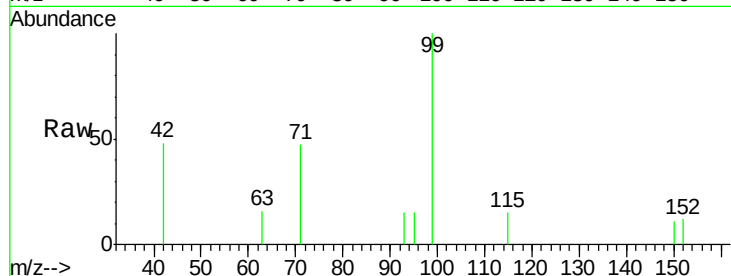
Tot Ion: 99 Resp: 1081

Ion Ratio Lower Upper

99 100

42 28.1 16.2 24.2#

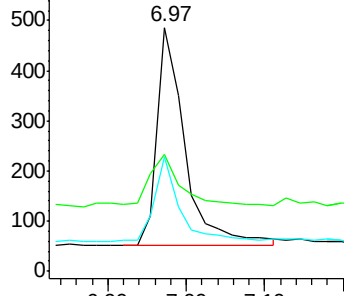
71 34.9 29.0 43.4



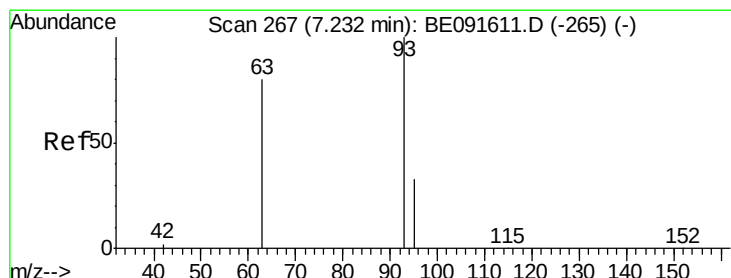
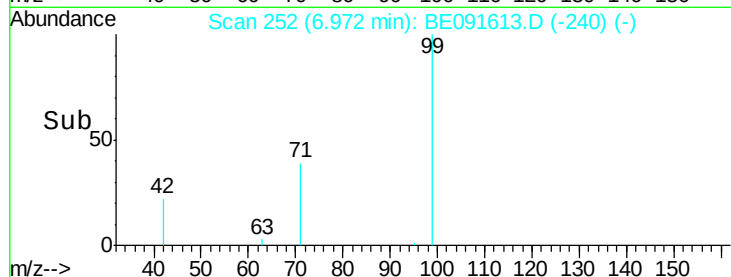
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.09 ng

RT: 7.23 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE091613.D

Acq: 8 Apr 2016 15:49

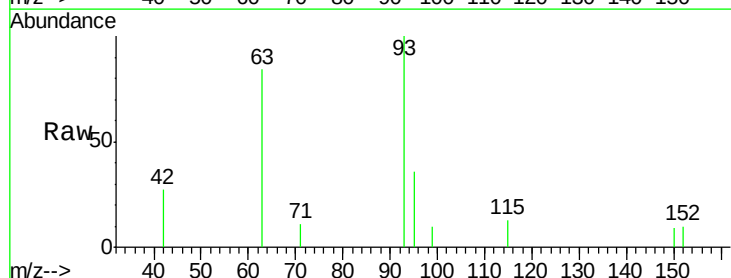
Tgt Ion: 93 Resp: 977

Ion Ratio Lower Upper

93 100

63 79.7 49.5 74.3#

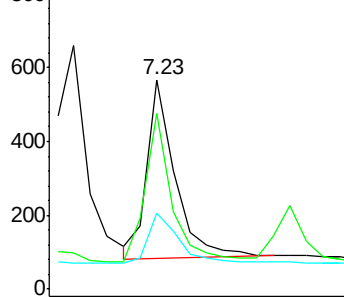
95 31.0 22.2 33.4



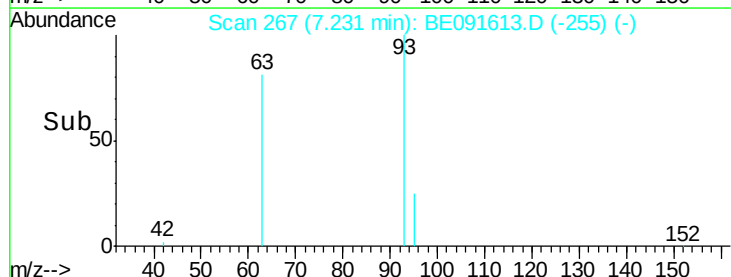
Abundance Ion 93.00 (92.70 to 93.70): BE0

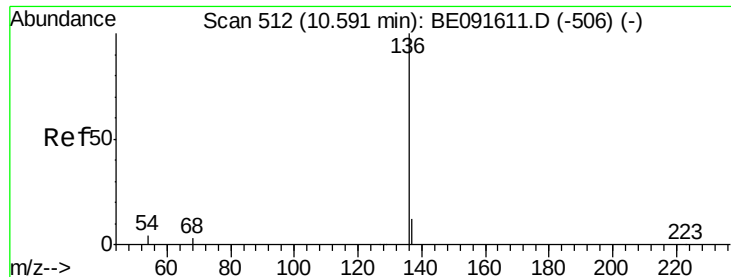
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091613.D

Acq: 8 Apr 2016 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion:136 Resp: 171924

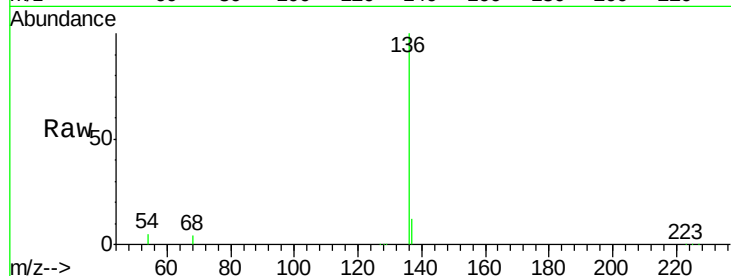
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 4.8 8.2 12.4#

68 3.9 6.2 9.4#

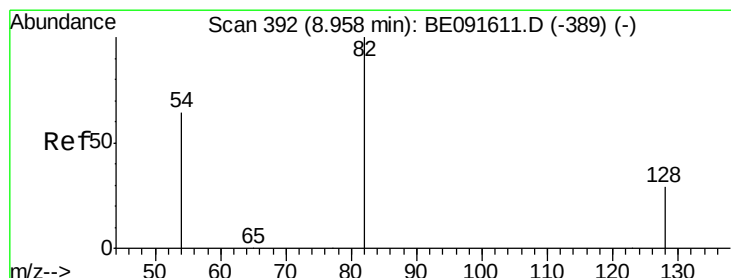
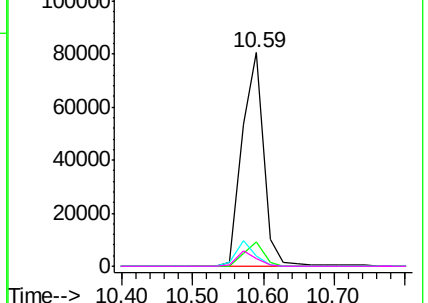
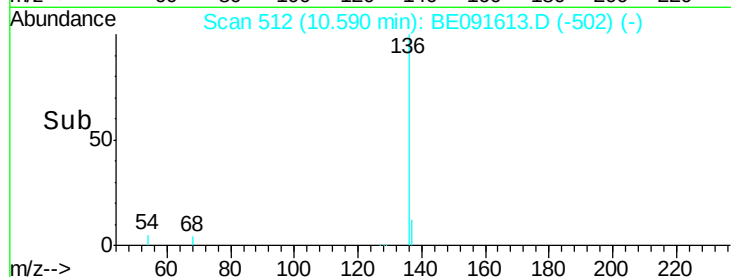


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.09 ng

RT: 8.97 min Scan# 393

Delta R.T. 0.01 min

Lab File: BE091613.D

Acq: 8 Apr 2016 15:49

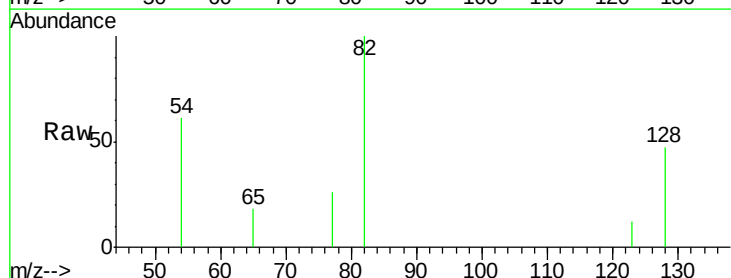
Tgt Ion: 82 Resp: 833

Ion Ratio Lower Upper

82 100

128 47.3 25.4 38.0#

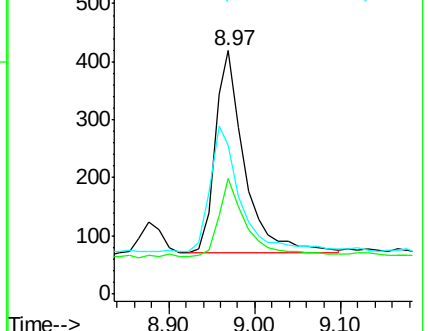
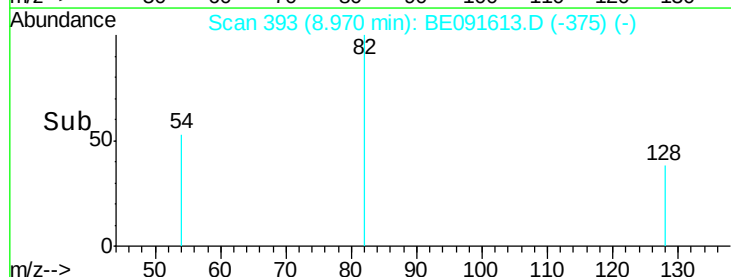
54 61.1 48.4 72.6

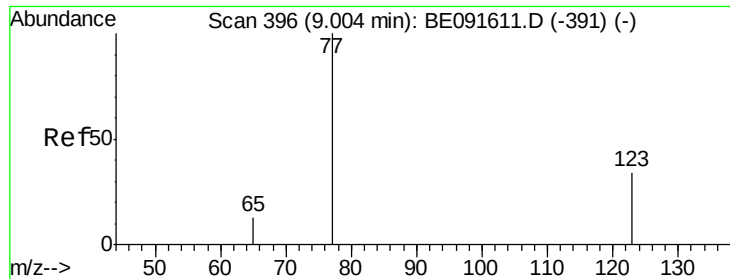


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.09 ng

RT: 9.00 min Scan# 396

Delta R.T. 0.00 min

Lab File: BE091613.D

Acq: 8 Apr 2016 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

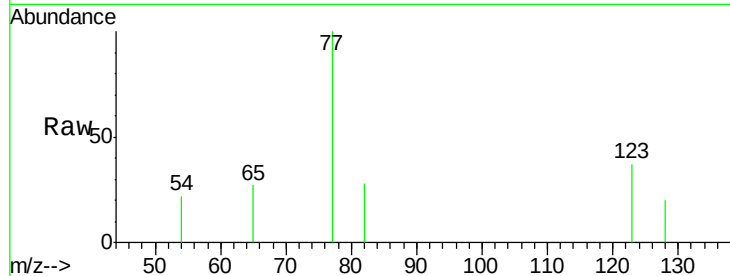
Tot Ion: 77 Resp: 870

Ion Ratio Lower Upper

77 100

123 36.4 26.9 40.3

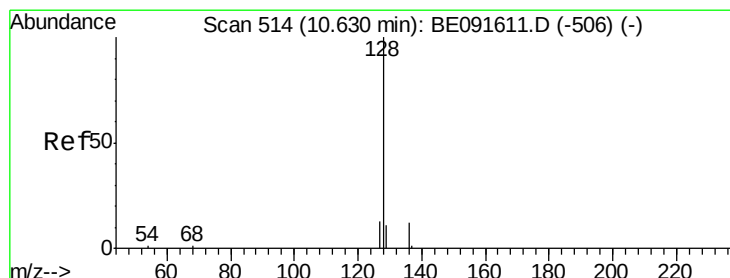
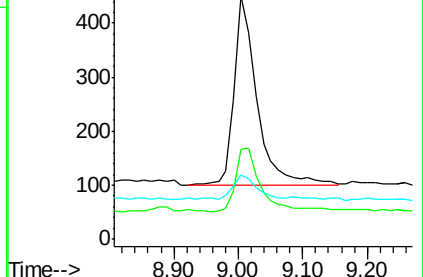
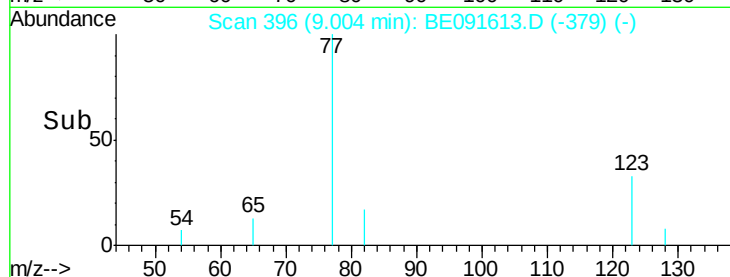
65 12.6 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE091613.D (-379) (-)

Ion 123.00 (122.70 to 123.70): BE091613.D (-379) (-)

Ion 65.00 (64.70 to 65.70): BE091613.D (-379) (-)



#10

Naphthalene

Concen: 0.10 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE091613.D

Acq: 8 Apr 2016 15:49

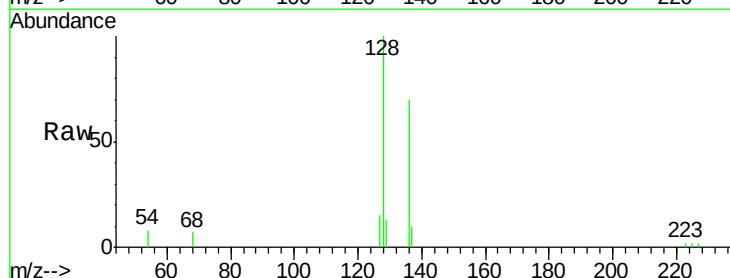
Tgt Ion: 128 Resp: 3790

Ion Ratio Lower Upper

128 100

129 13.4 9.3 13.9

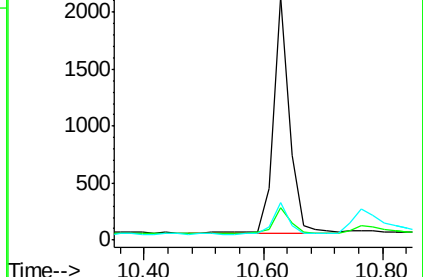
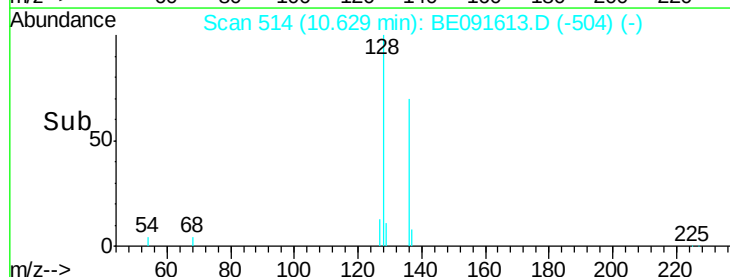
127 15.2 10.7 16.1

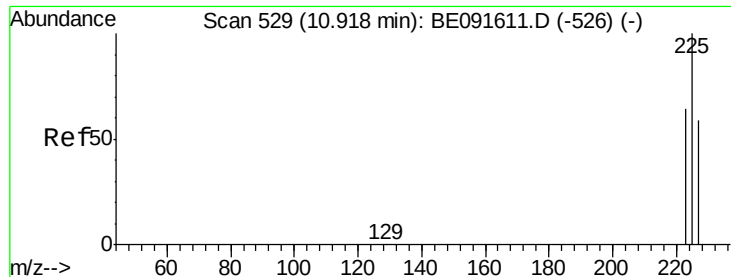


Abundance Ion 128.00 (127.70 to 128.70): BE091613.D (-504) (-)

Ion 129.00 (128.70 to 129.70): BE091613.D (-504) (-)

Ion 127.00 (126.70 to 127.70): BE091613.D (-504) (-)

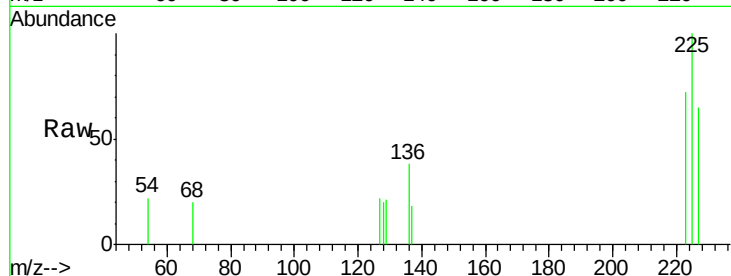




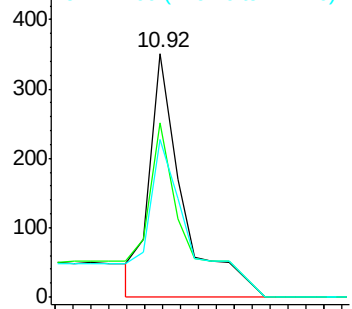
#11
Hexachlorobutadiene
Concen: 0.15 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091613.D
Acq: 8 Apr 2016 15:49

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

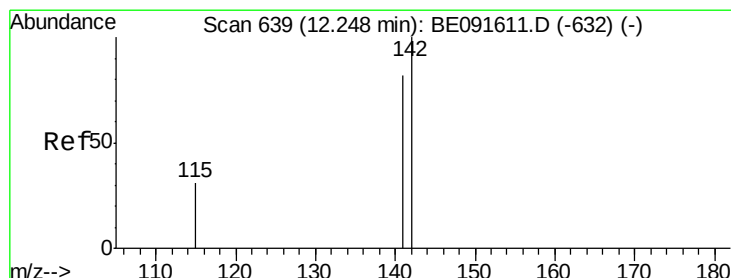
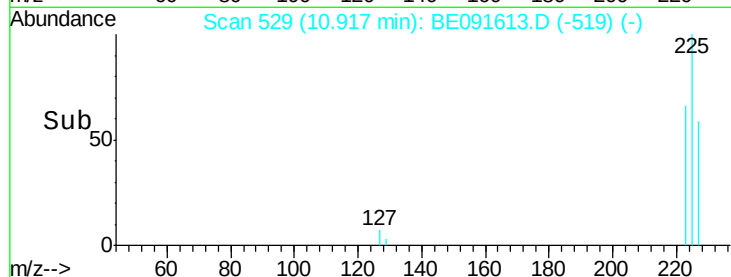
Tot Ion:225 Resp: 953
Ion Ratio Lower Upper
225 100
223 79.5 49.0 73.6#
227 77.6 50.3 75.5#



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

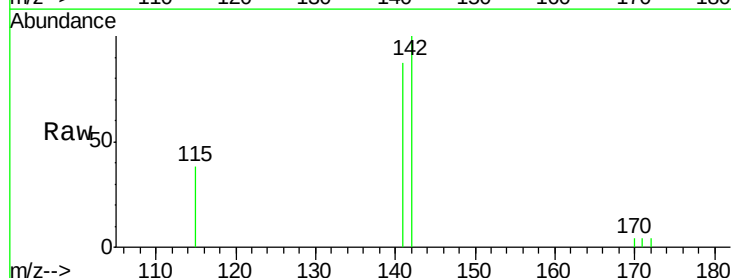


Time--> 10.80 10.90 11.00 11.10

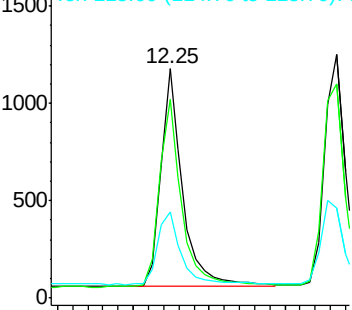


#12
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.25 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE091613.D
Acq: 8 Apr 2016 15:49

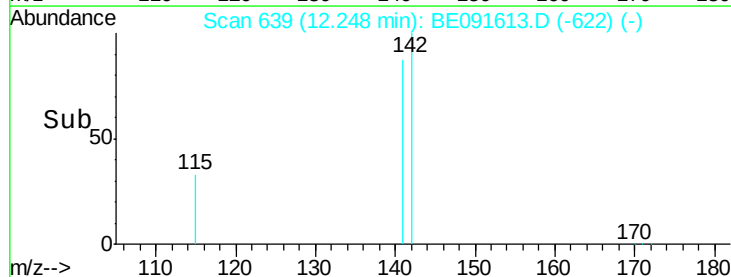
Tgt Ion:142 Resp: 2286
Ion Ratio Lower Upper
142 100
141 86.8 71.4 107.0
115 37.7 30.3 45.5

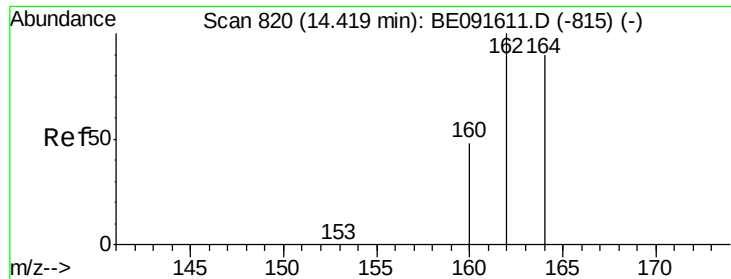


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



Time--> 12.10 12.20 12.30 12.40





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. 0.00 min

Lab File: BE091613.D

Acq: 8 Apr 2016 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

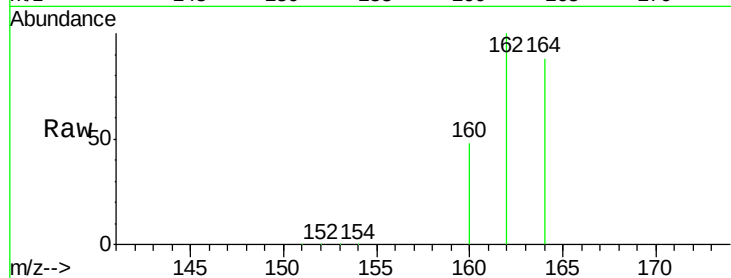
Tot Ion:164 Resp: 102024

Ion Ratio Lower Upper

164 100

162 113.1 85.3 127.9

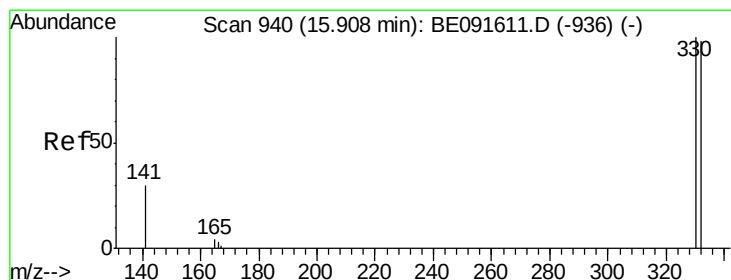
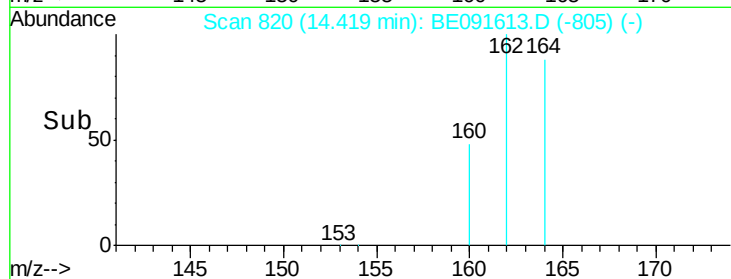
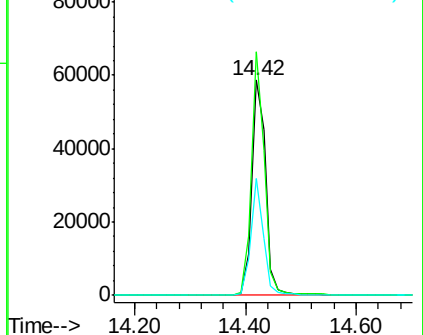
160 54.3 46.2 69.2



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: 0.20 ng

RT: 15.91 min Scan# 940

Delta R.T. -0.00 min

Lab File: BE091613.D

Acq: 8 Apr 2016 15:49

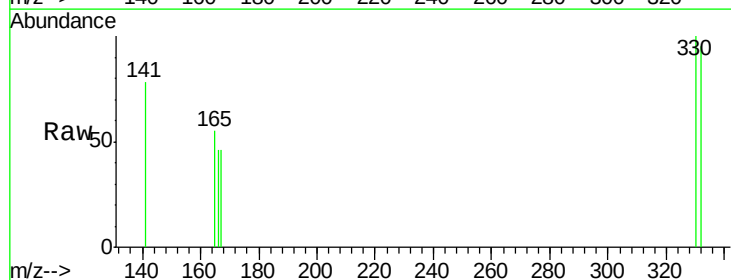
Tgt Ion:330 Resp: 648

Ion Ratio Lower Upper

330 100

332 99.7 79.1 118.7

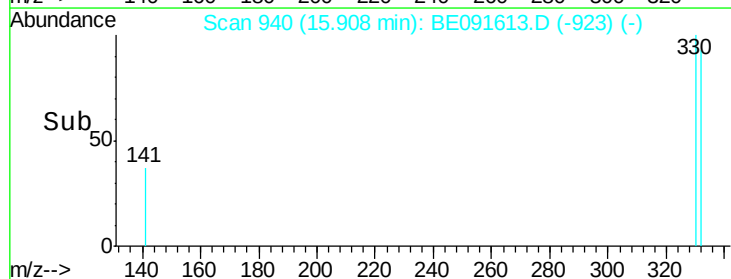
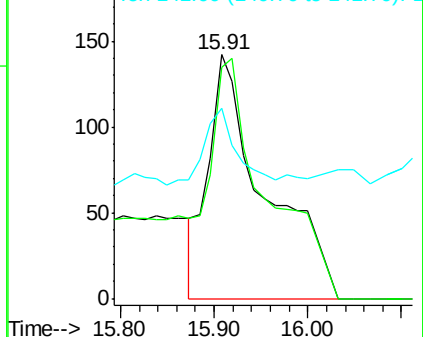
141 16.7 125.4 188.0#

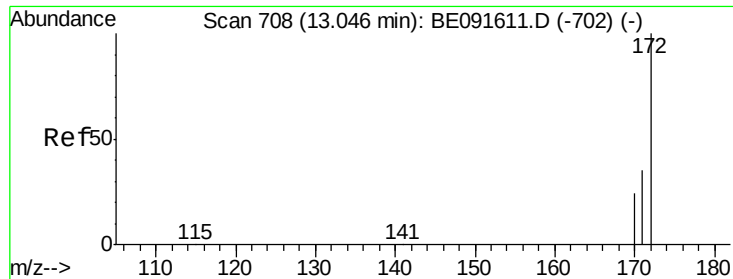


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

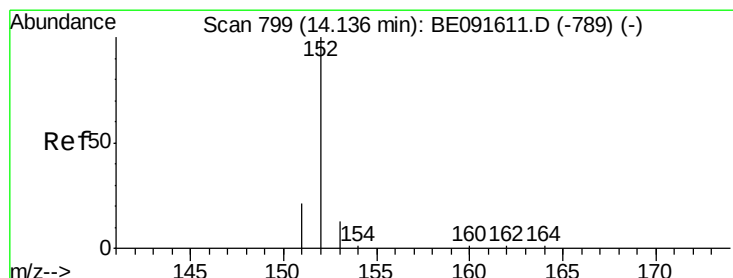
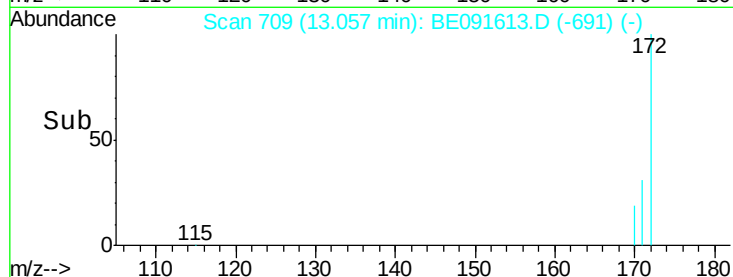
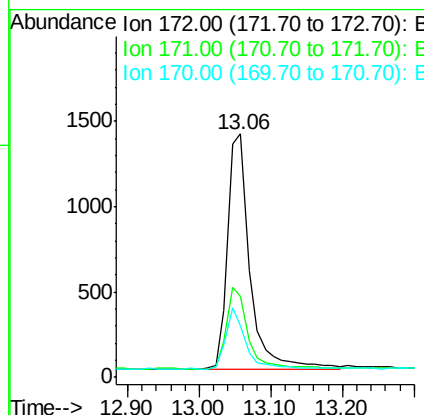
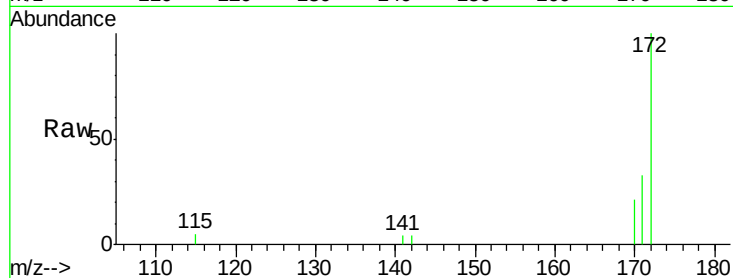




#15
2-Fluorobiphenyl
Concen: 0.11 ng
RT: 13.06 min Scan# 709
Delta R.T. 0.01 min
Lab File: BE091613.D
Acq: 8 Apr 2016 15:49

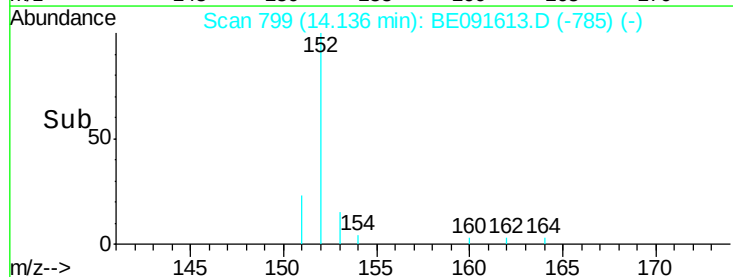
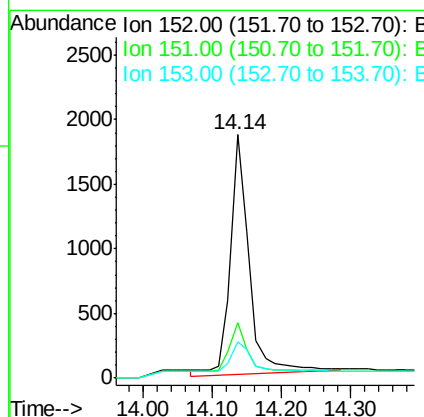
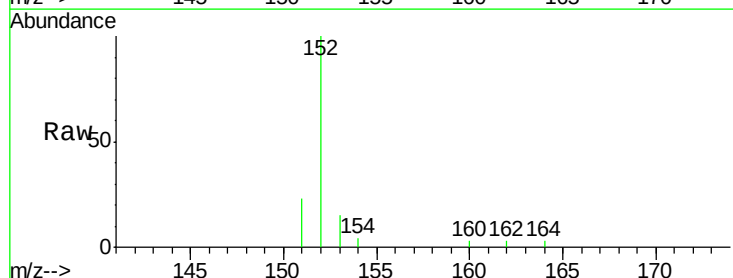
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

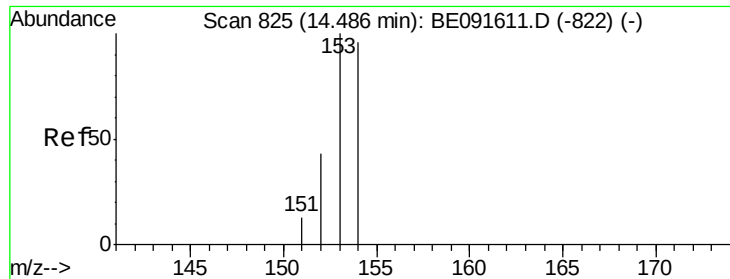
Tot Ion:172 Resp: 2980
Ion Ratio Lower Upper
172 100
171 33.1 28.8 43.2
170 21.4 19.3 28.9



#16
Acenaphthylene
Concen: 0.02 ng
RT: 14.14 min Scan# 799
Delta R.T. 0.00 min
Lab File: BE091613.D
Acq: 8 Apr 2016 15:49

Tgt Ion:152 Resp: 3519
Ion Ratio Lower Upper
152 100
151 44.2 3.9 5.9#
153 18.7 10.3 15.5#

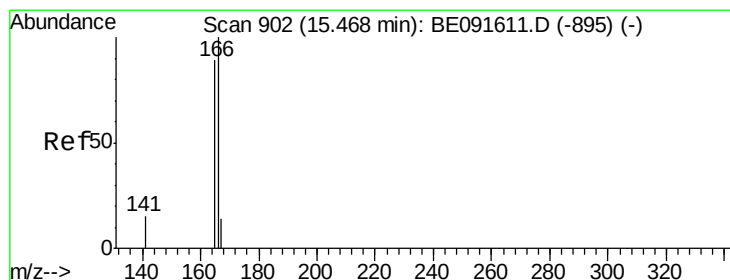
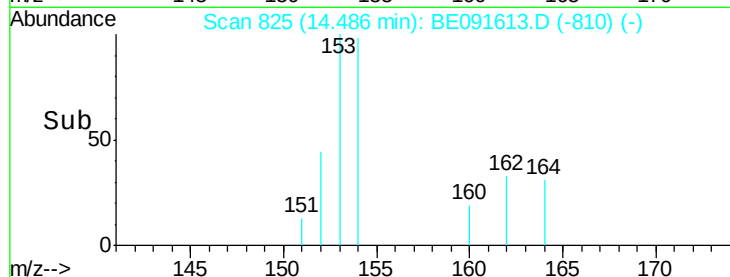
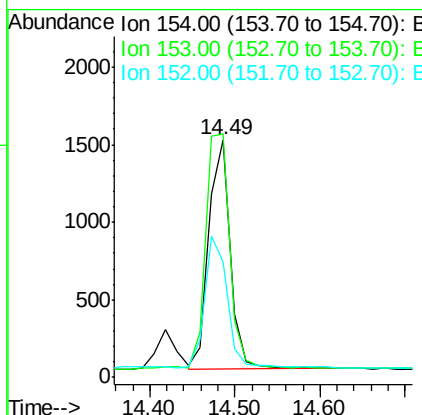
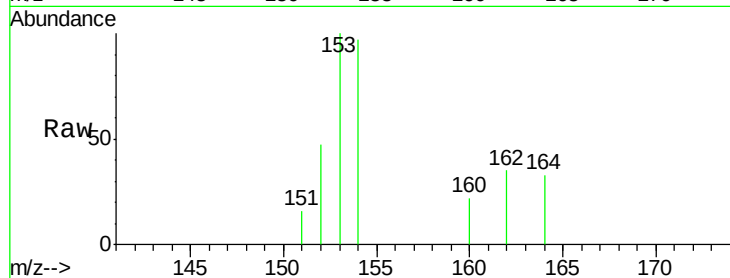




#17
Acenaphthene
Concen: 0.09 ng
RT: 14.49 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE091613.D
Acq: 8 Apr 2016 15:49

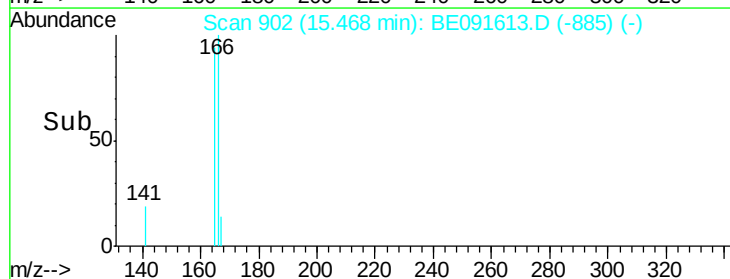
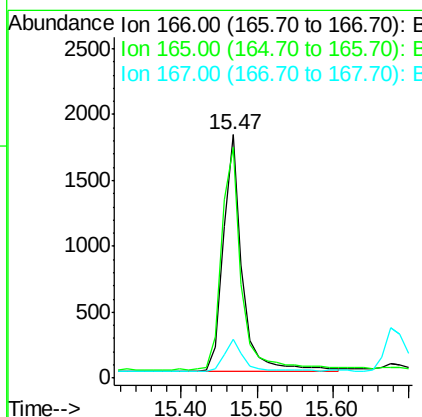
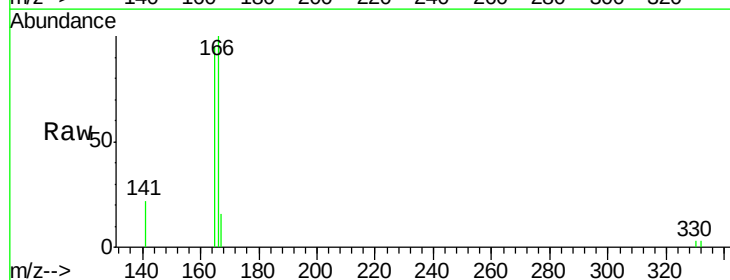
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

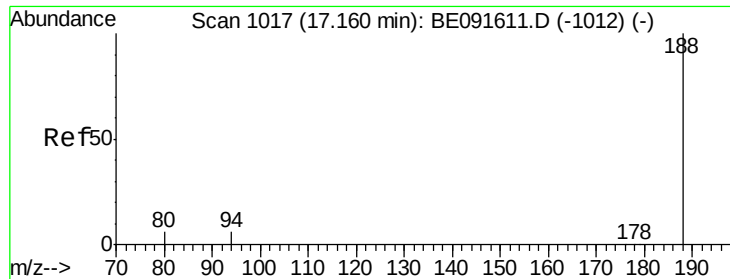
Tot Ion:154 Resp: 2582
Ion Ratio Lower Upper
154 100
153 118.4 80.0 120.0
152 59.0 40.0 60.0



#18
Fluorene
Concen: 0.09 ng
RT: 15.47 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE091613.D
Acq: 8 Apr 2016 15:49

Tgt Ion:166 Resp: 3132
Ion Ratio Lower Upper
166 100
165 99.7 80.8 121.2
167 13.4 10.9 16.3

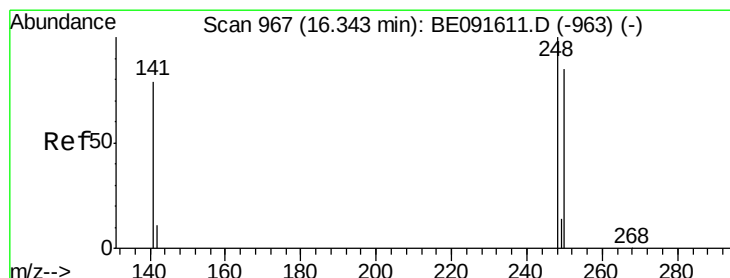
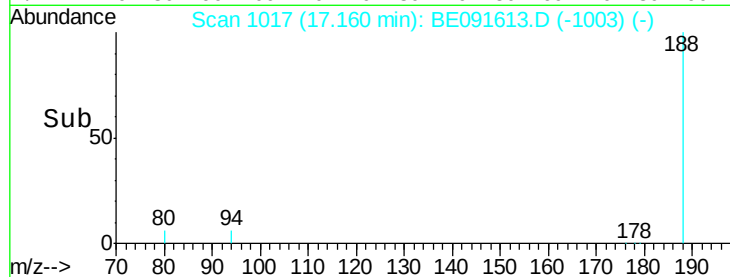
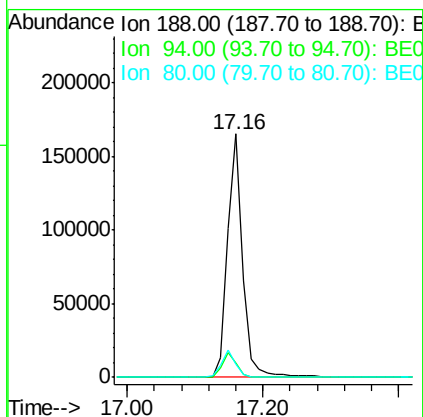
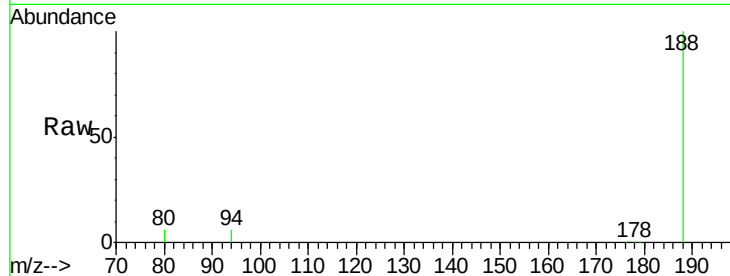




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE091613.D
Acq: 8 Apr 2016 15:49

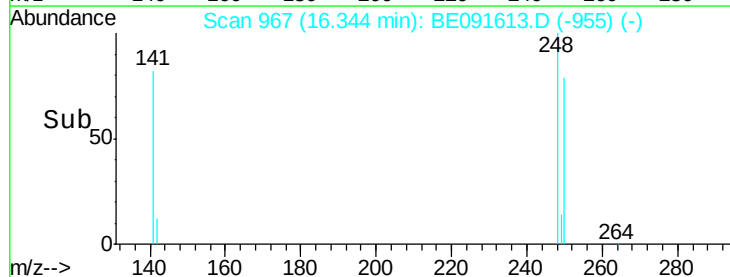
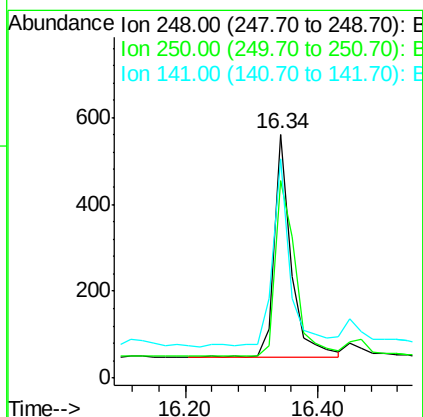
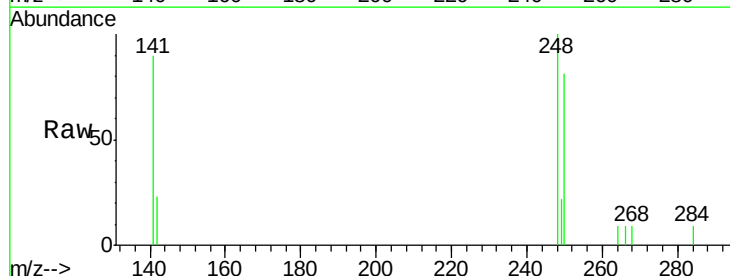
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

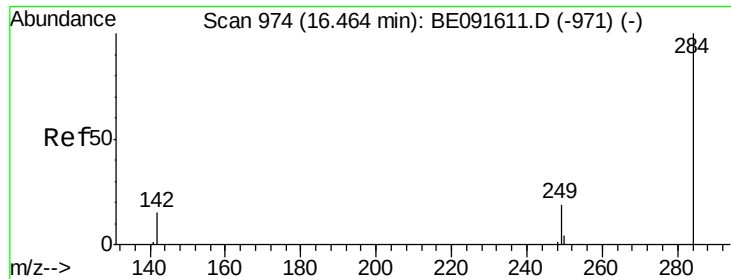
Tot Ion:188 Resp: 260867
Ion Ratio Lower Upper
188 100
94 6.0 8.7 13.1#
80 5.5 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 0.09 ng
RT: 16.34 min Scan# 967
Delta R.T. 0.00 min
Lab File: BE091613.D
Acq: 8 Apr 2016 15:49

Tgt Ion:248 Resp: 897
Ion Ratio Lower Upper
248 100
250 94.2 80.5 120.7
141 84.6 72.0 108.0

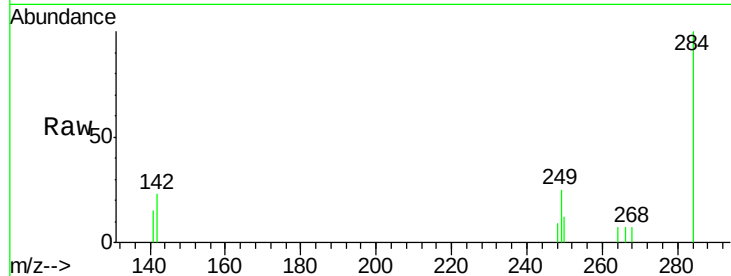




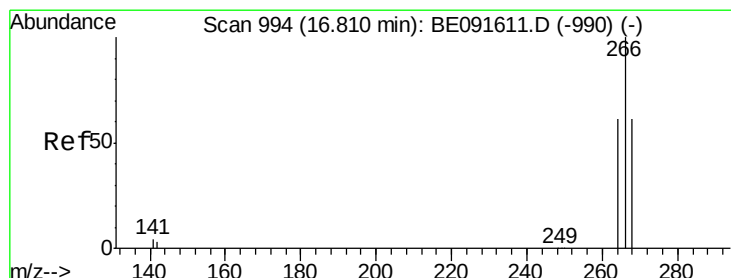
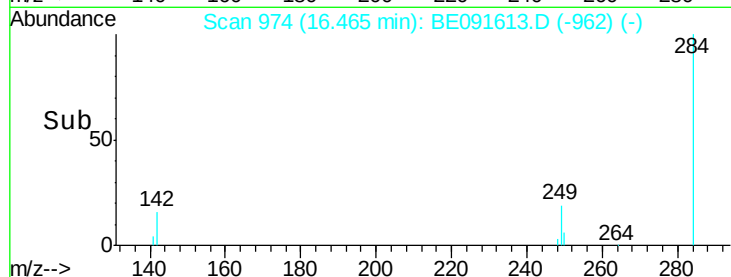
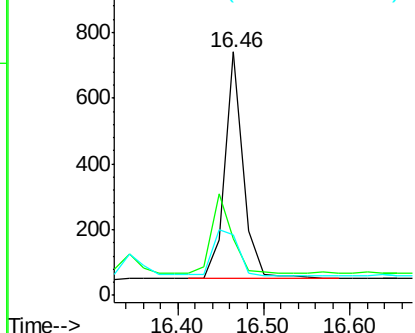
#21
Hexachlorobenzene
Concen: 0.02 ng
RT: 16.46 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091613.D
Acq: 8 Apr 2016 15:49

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:284 Resp: 1030
Ion Ratio Lower Upper
284 100
142 39.2 32.2 48.2
249 29.5 25.4 38.2

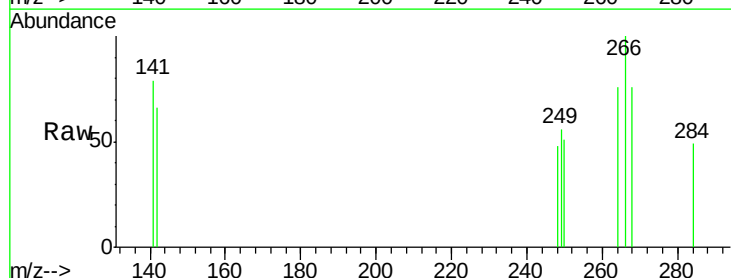


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

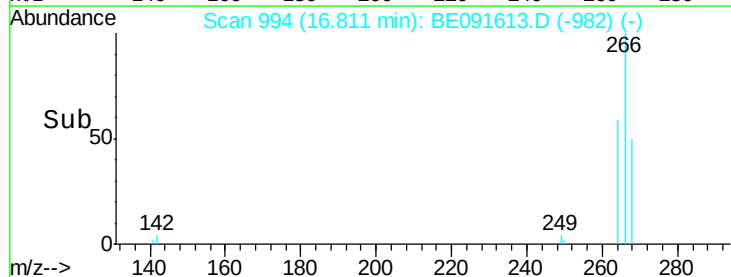
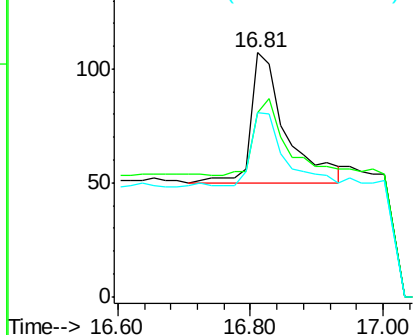


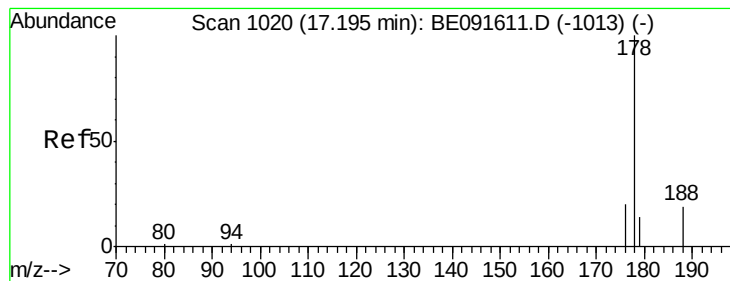
#22
Pentachlorophenol
Concen: 0.06 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE091613.D
Acq: 8 Apr 2016 15:49

Tgt Ion:266 Resp: 207
Ion Ratio Lower Upper
266 100
268 75.7 58.2 87.2
264 75.7 56.2 84.4



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: 0.10 ng

RT: 17.19 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BE091613.D

Acq: 8 Apr 2016 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

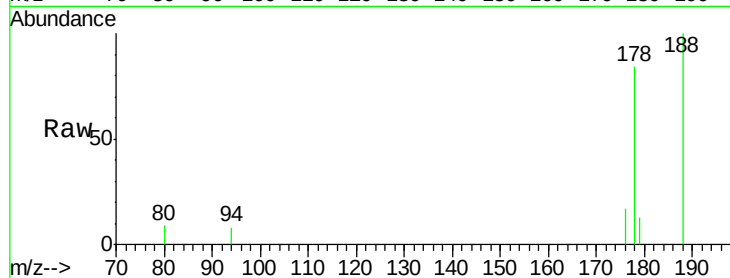
Tot Ion:178 Resp: 6390

Ion Ratio Lower Upper

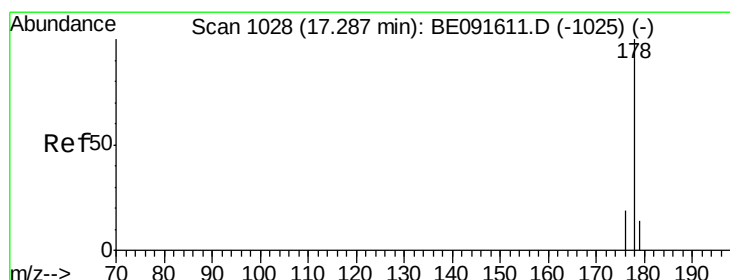
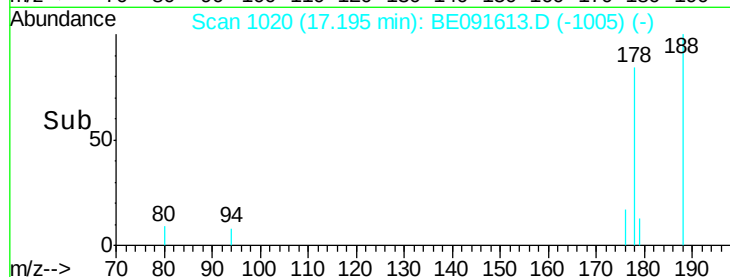
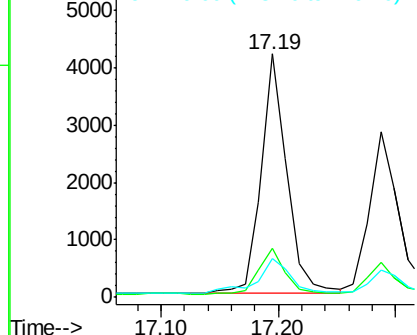
178 100

176 19.2 15.3 22.9

179 18.1 12.6 18.8



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: 0.08 ng

RT: 17.29 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE091613.D

Acq: 8 Apr 2016 15:49

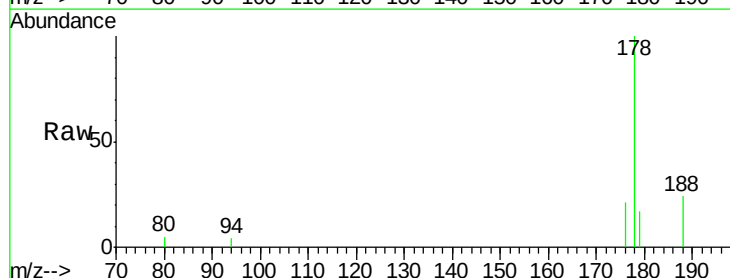
Tgt Ion:178 Resp: 5008

Ion Ratio Lower Upper

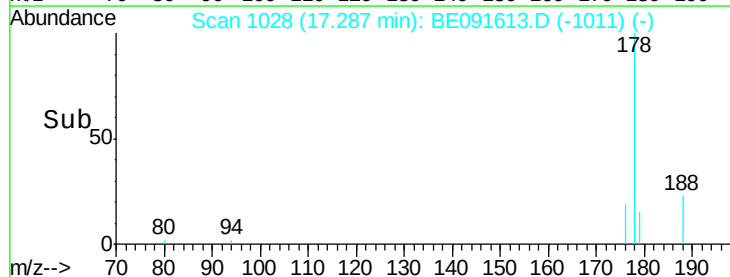
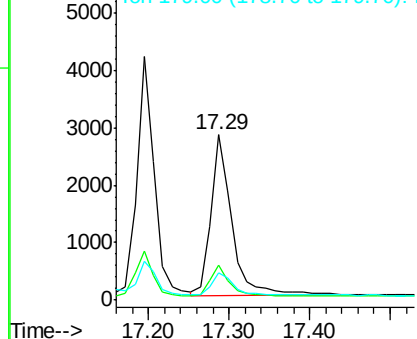
178 100

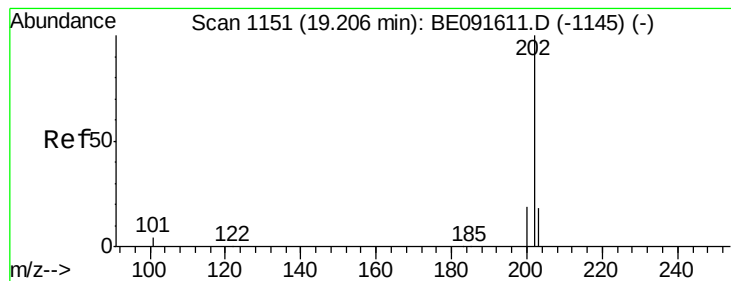
176 18.6 14.6 21.8

179 14.6 11.8 17.6



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: 0.08 ng

RT: 19.21 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BE091613.D

Acq: 8 Apr 2016 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

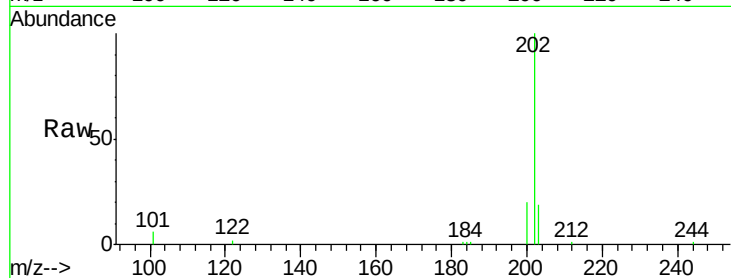
Tot Ion:202 Resp: 5979

Ion Ratio Lower Upper

202 100

101 11.0 11.0 16.6#

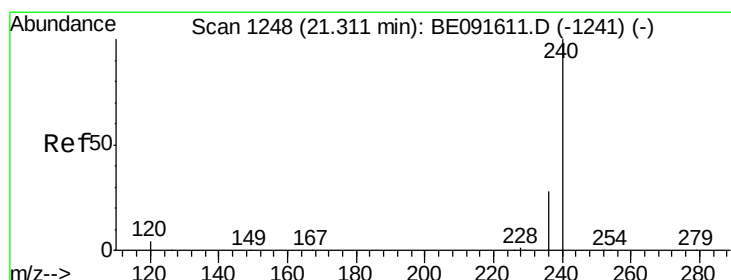
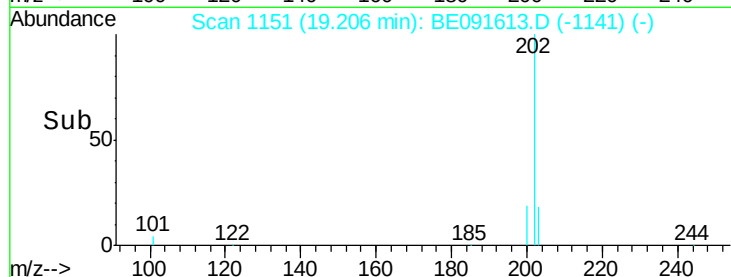
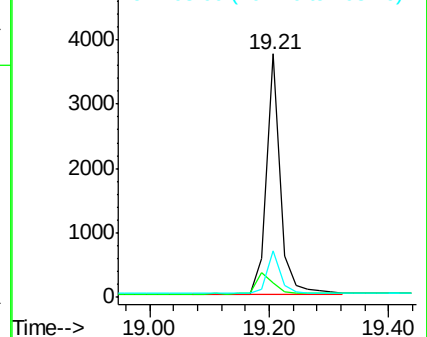
203 17.8 13.9 20.9



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091613.D

Acq: 8 Apr 2016 15:49

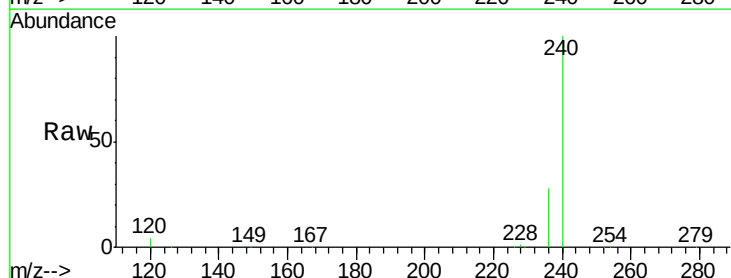
Tgt Ion:240 Resp: 326405

Ion Ratio Lower Upper

240 100

120 3.6 11.0 16.4#

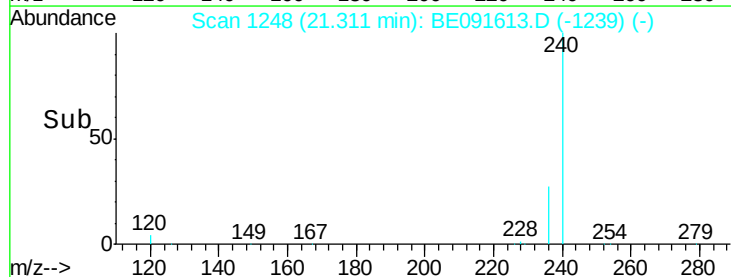
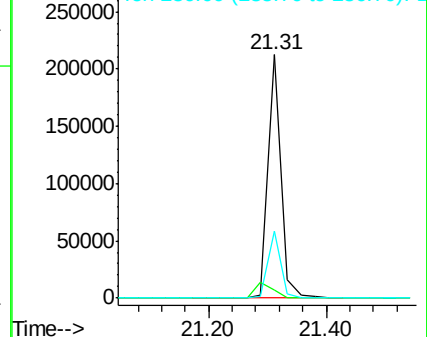
236 27.5 21.7 32.5

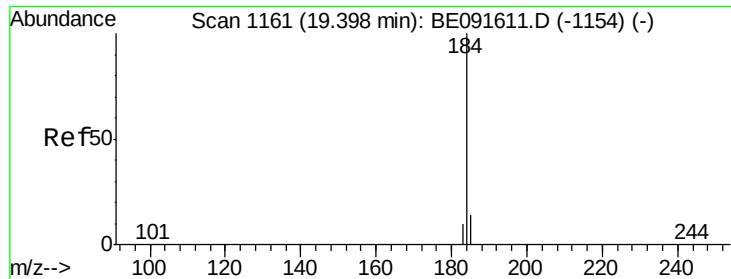


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.21 ng

RT: 19.40 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BE091613.D

Acq: 8 Apr 2016 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

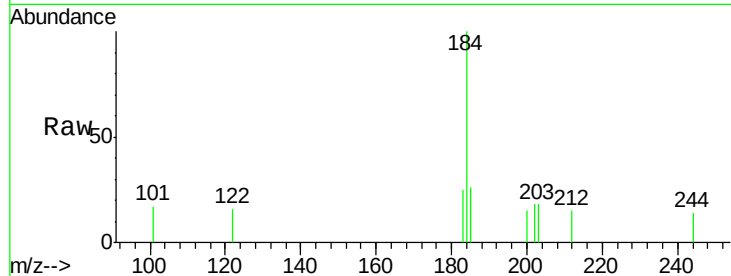
Tot Ion:184 Resp: 1243

Ion Ratio Lower Upper

184 100

185 26.3 22.3 33.5

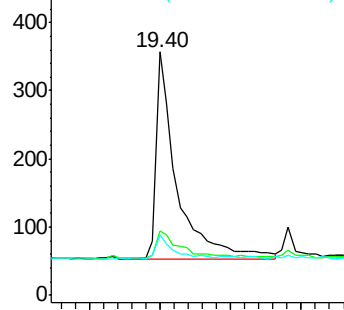
183 24.9 16.4 24.6#



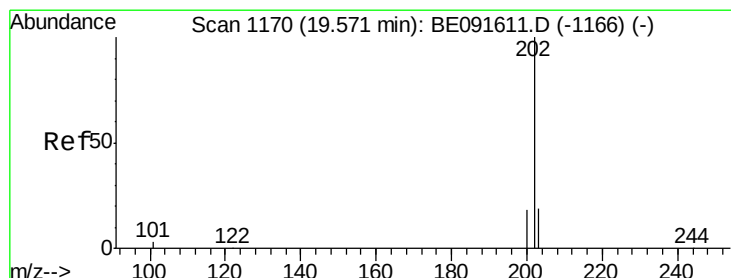
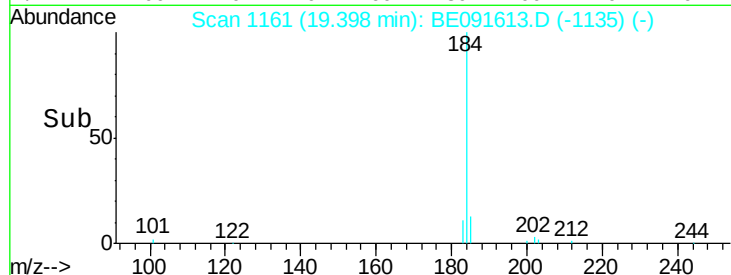
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#28

Pyrene

Concen: 0.07 ng

RT: 19.57 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BE091613.D

Acq: 8 Apr 2016 15:49

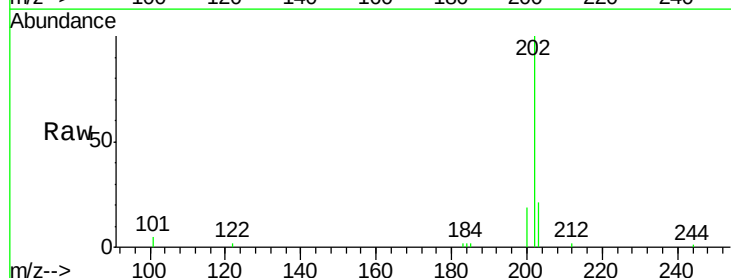
Tgt Ion:202 Resp: 6152

Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

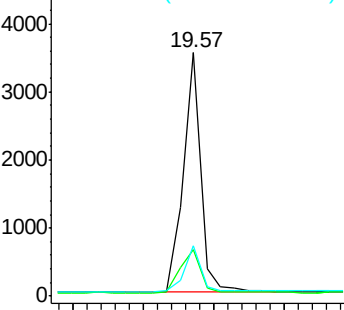
203 18.2 14.0 21.0



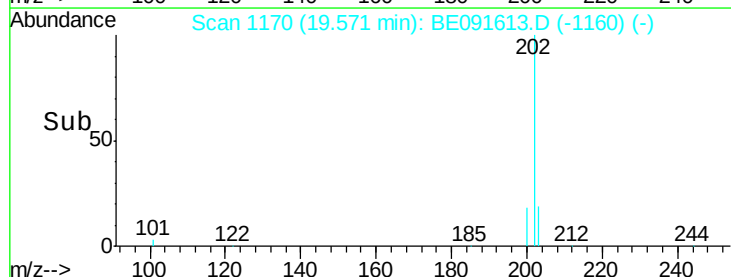
Abundance Ion 202.00 (201.70 to 202.70): E

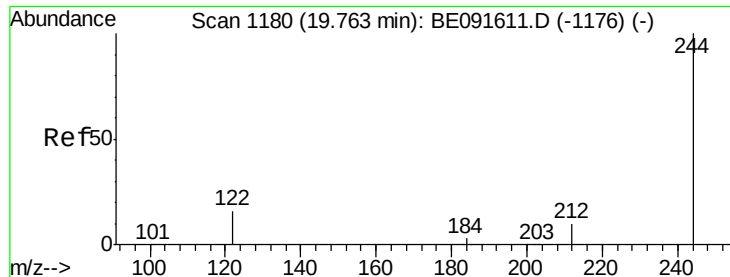
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#29

Terphenyl-d14

Concen: 0.10 ng

RT: 19.78 min Scan# 1181

Delta R.T. 0.02 min

Lab File: BE091613.D

Acq: 8 Apr 2016 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

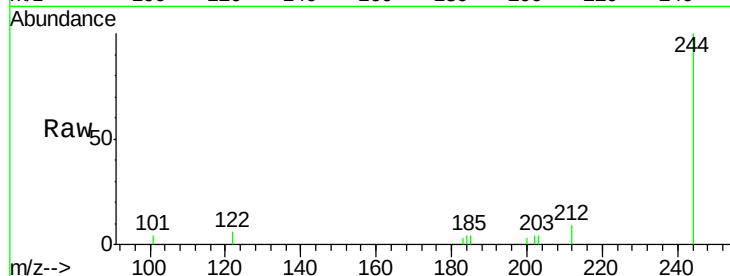
Tot Ion:244 Resp: 3931

Ion Ratio Lower Upper

244 100

212 9.3 6.9 10.3

122 5.8 11.0 16.4#



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

19.78

1500

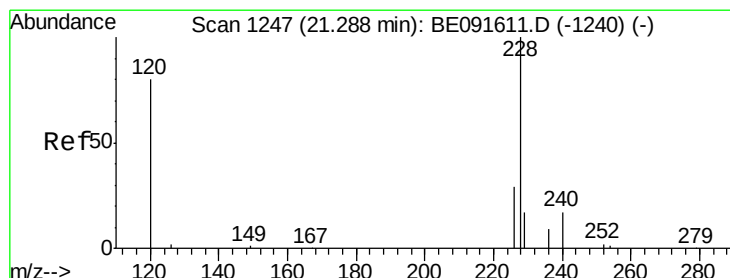
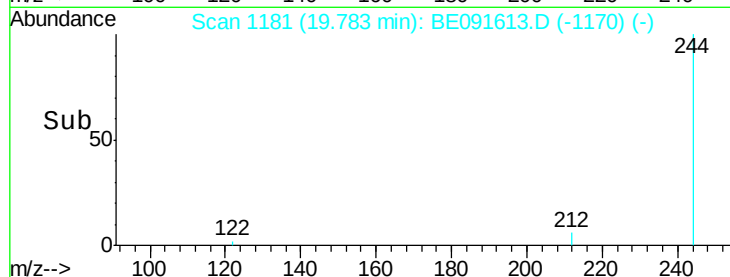
1000

500

0

19.70 19.80 19.90

Time-->



#30

Benzo(a)anthracene

Concen: 0.18 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091613.D

Acq: 8 Apr 2016 15:49

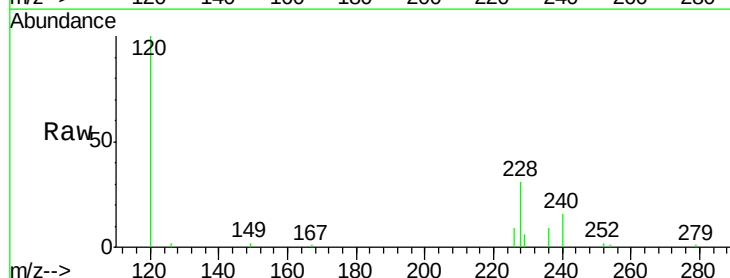
Tgt Ion:228 Resp: 14197

Ion Ratio Lower Upper

228 100

226 30.2 21.0 31.4

229 18.1 15.7 23.5



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

21.29

5000

4000

3000

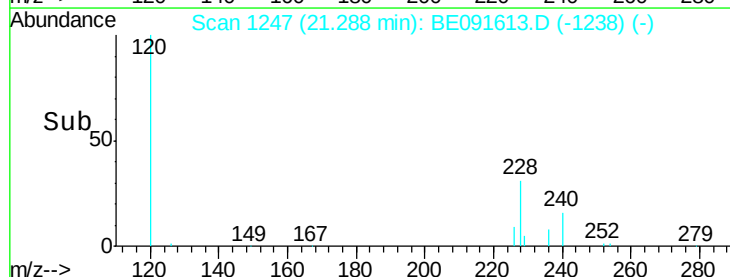
2000

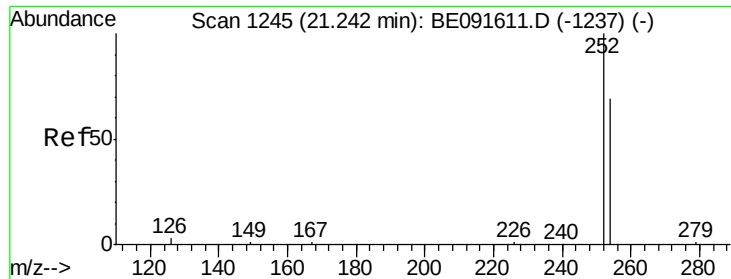
1000

0

21.20 21.40

Time-->

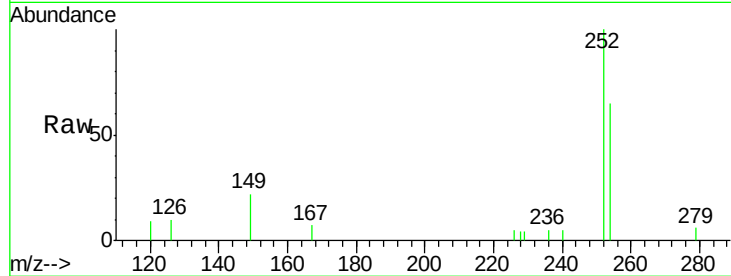




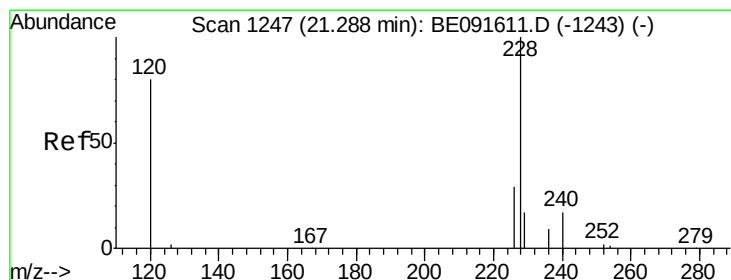
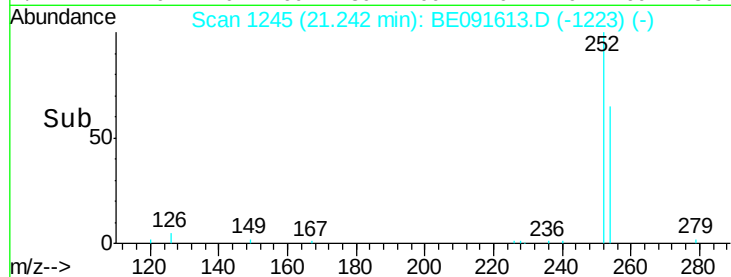
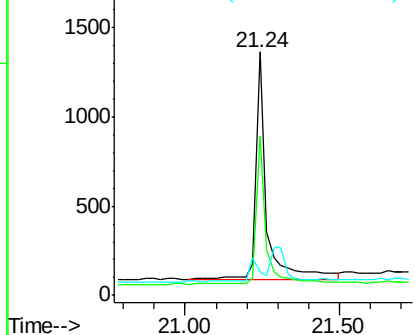
#31
 3,3'-Dichlorobenzidine
 Concen: 0.23 ng
 RT: 21.24 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BE091613.D
 Acq: 8 Apr 2016 15:49

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tot Ion:252 Resp: 3064
 Ion Ratio Lower Upper
 252 100
 254 65.2 51.1 76.7
 126 9.8 12.6 18.8#

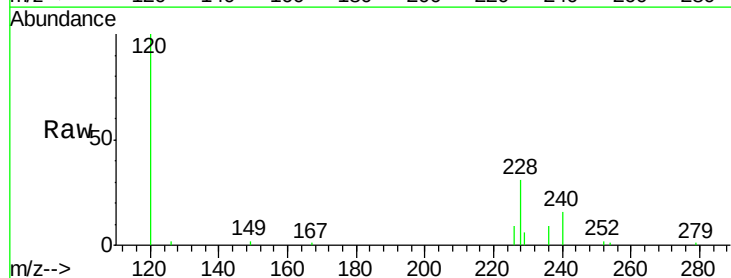


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

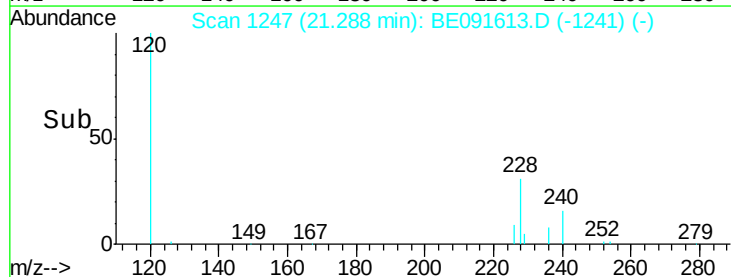
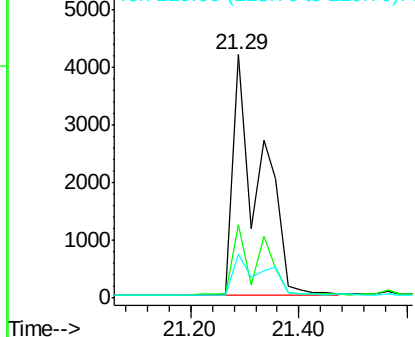


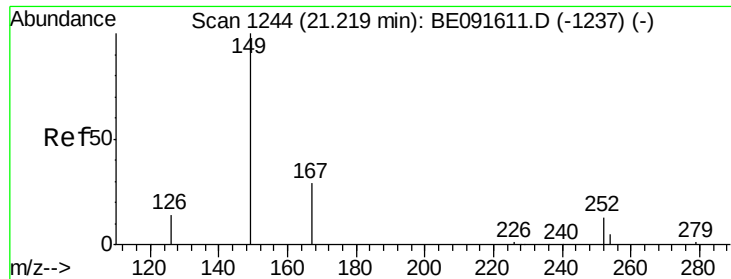
#32
 Chrysene
 Concen: 0.15 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.07 min
 Lab File: BE091613.D
 Acq: 8 Apr 2016 15:49

Tgt Ion:228 Resp: 14352
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.0 36.0
 229 18.1 15.9 23.9



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





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.06 ng

RT: 21.22 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE091613.D

Acq: 8 Apr 2016 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

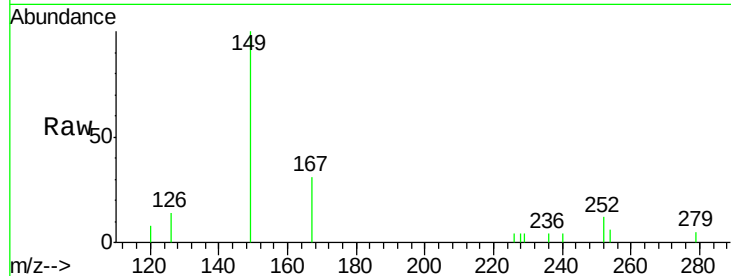
Tot Ion:149 Resp: 1876

Ion Ratio Lower Upper

149 100

167 32.0 19.5 29.3#

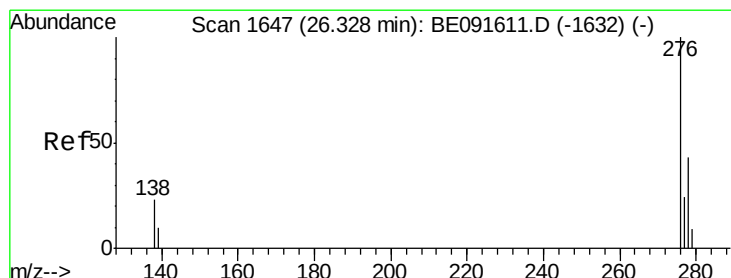
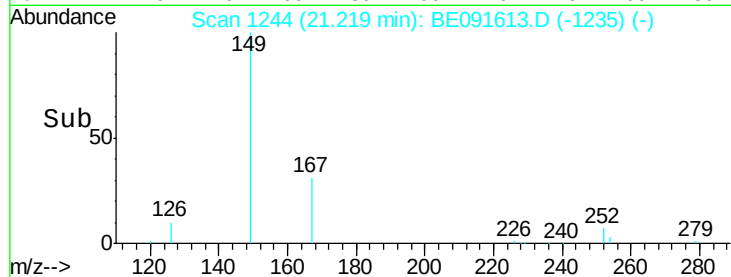
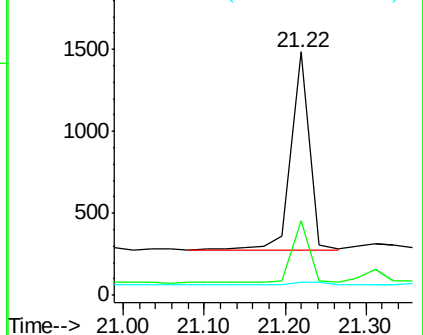
279 0.0 10.0 15.0#



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: 0.09 ng

RT: 26.33 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BE091613.D

Acq: 8 Apr 2016 15:49

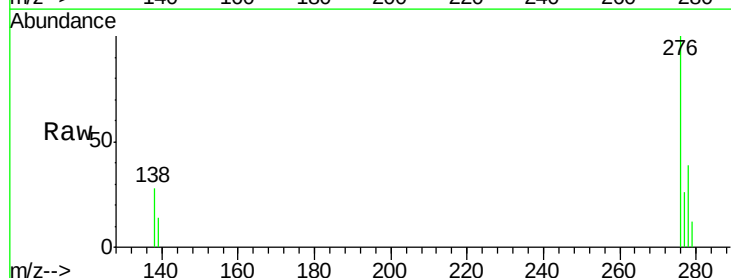
Tgt Ion:276 Resp: 7310

Ion Ratio Lower Upper

276 100

138 27.0 23.4 35.2

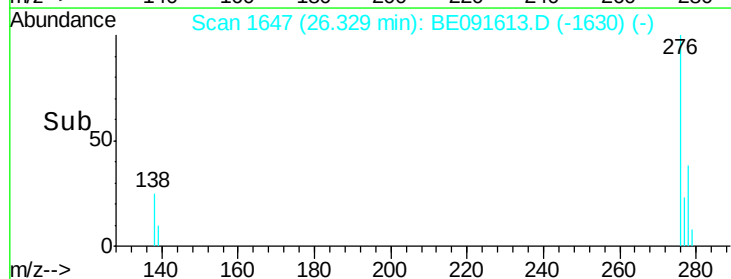
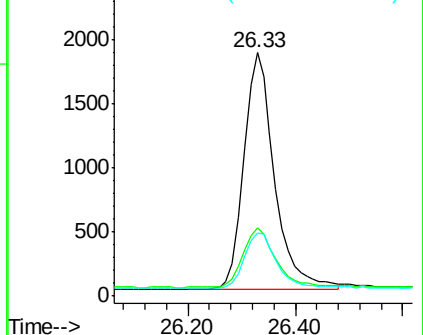
277 24.4 19.8 29.8

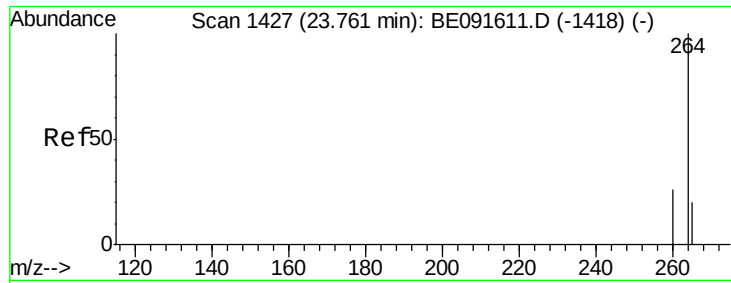


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

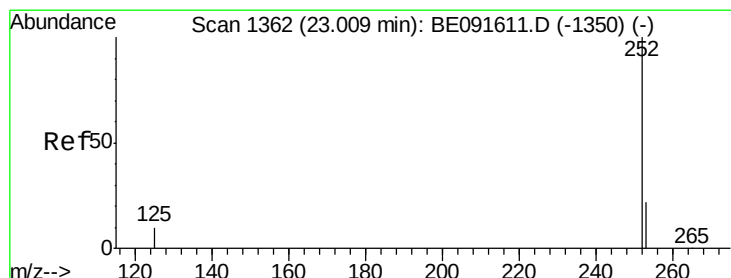
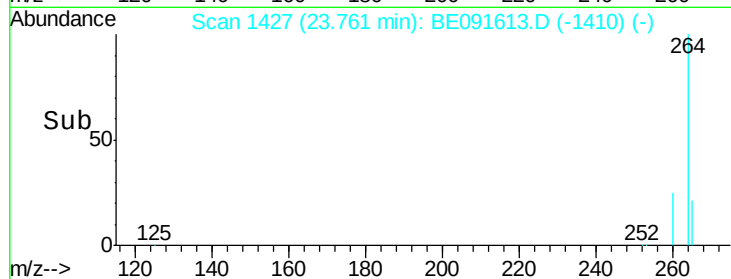
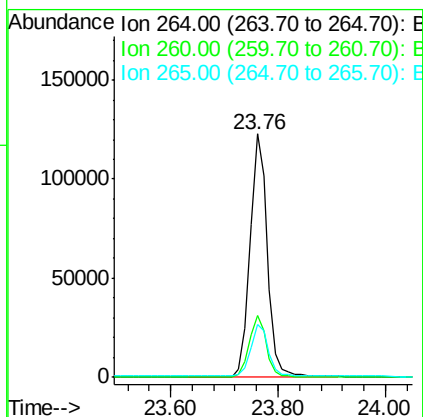
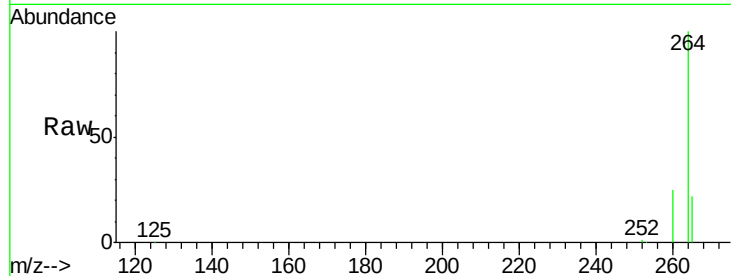




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.76 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BE091613.D
 Acq: 8 Apr 2016 15:49

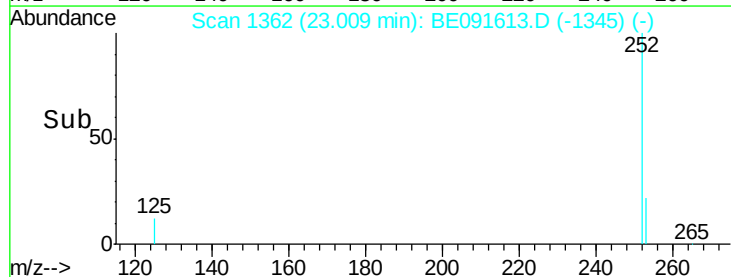
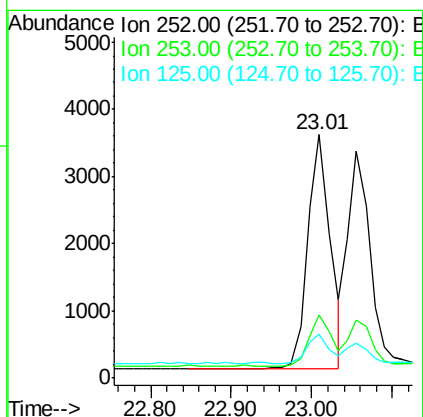
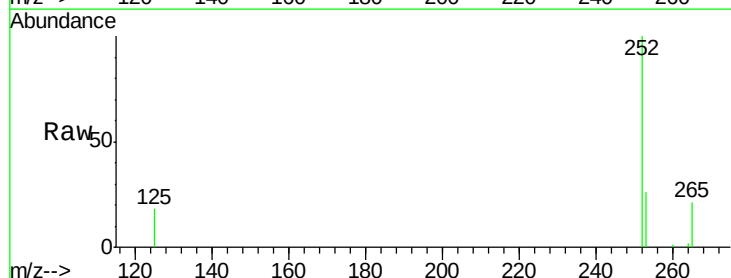
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

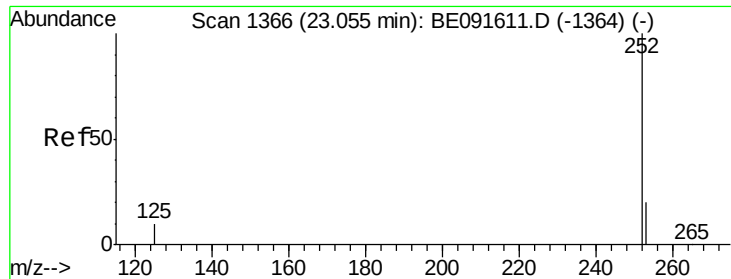
Tot Ion:264 Resp: 277592
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.0 30.0
 265 21.6 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 0.11 ng
 RT: 23.01 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BE091613.D
 Acq: 8 Apr 2016 15:49

Tgt Ion:252 Resp: 6712
 Ion Ratio Lower Upper
 252 100
 253 26.1 17.4 26.0#
 125 17.9 10.2 15.2#

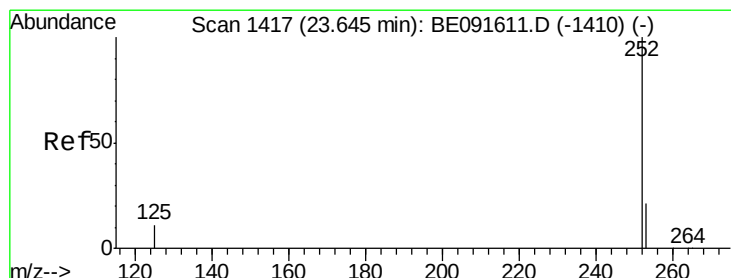
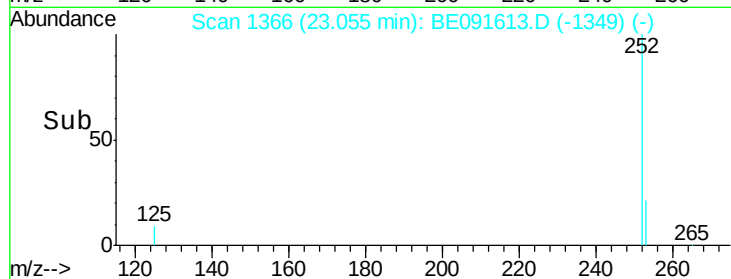
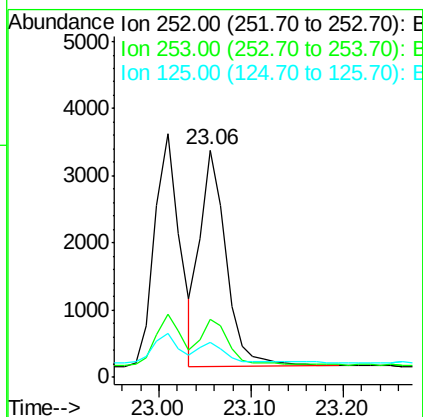
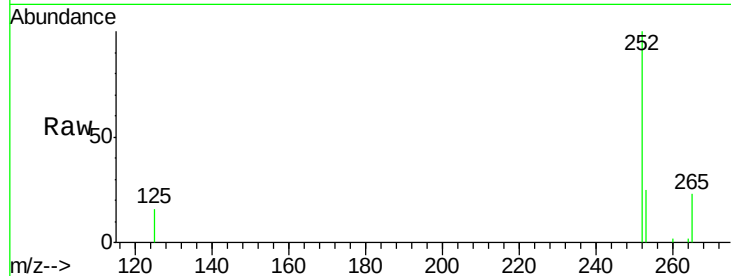




#37
Benzo(k)fluoranthene
Concen: 0.07 ng
RT: 23.06 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BE091613.D
Acq: 8 Apr 2016 15:49

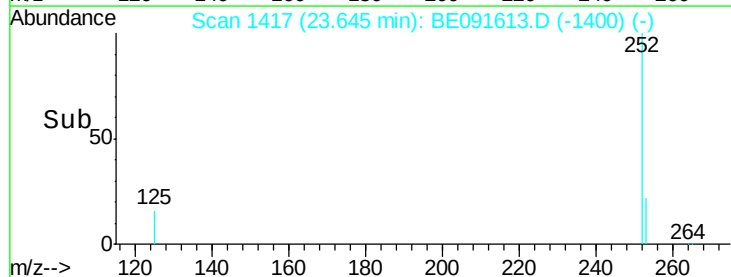
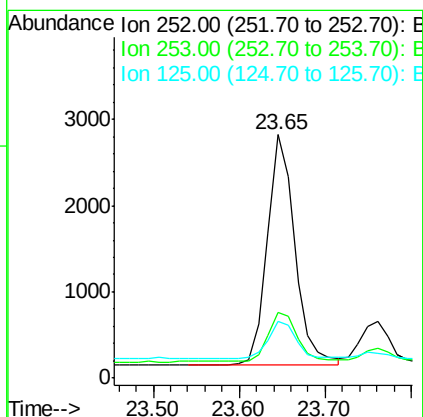
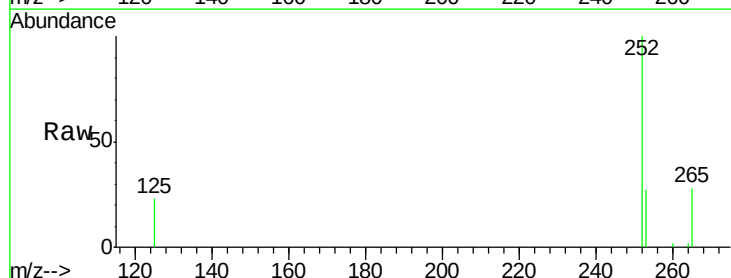
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

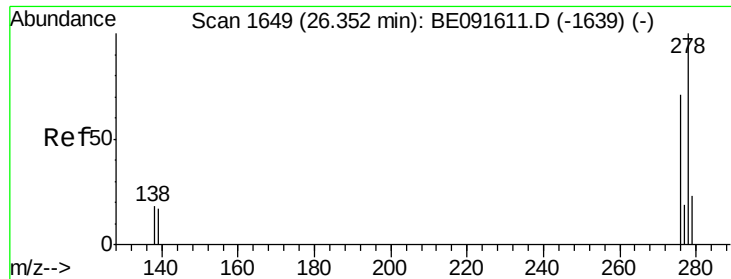
Tot Ion:252 Resp: 6297
Ion Ratio Lower Upper
252 100
253 25.4 17.6 26.4
125 15.5 9.9 14.9#



#38
Benzo(a)pyrene
Concen: 0.10 ng
RT: 23.65 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BE091613.D
Acq: 8 Apr 2016 15:49

Tgt Ion:252 Resp: 5950
Ion Ratio Lower Upper
252 100
253 27.0 18.1 27.1
125 23.2 11.0 16.4#





#39

Dibenzo(a,h)anthracene

Concen: 0.11 ng

RT: 26.35 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BE091613.D

Acq: 8 Apr 2016 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

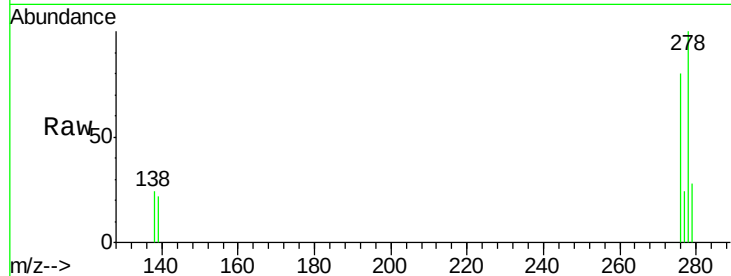
Tot Ion:278 Resp: 5928

Ion Ratio Lower Upper

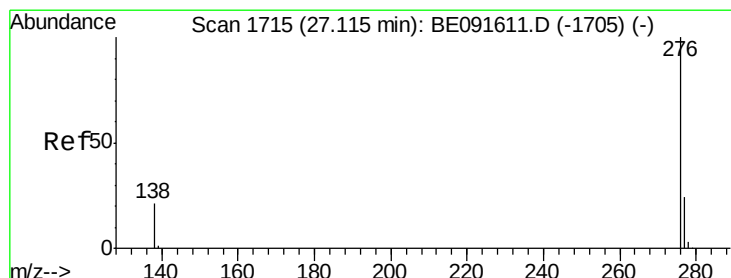
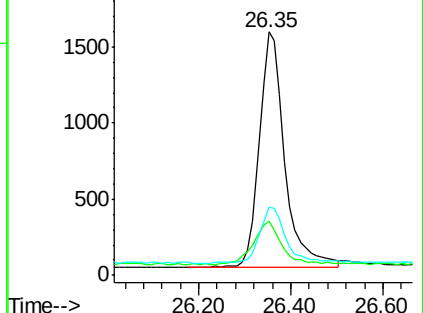
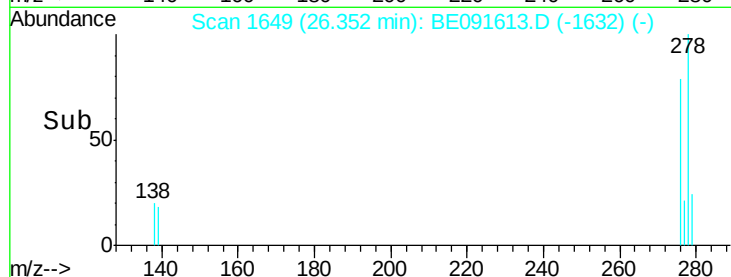
278 100

139 22.1 16.0 24.0

279 28.3 19.4 29.2



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



#40

Benzo(g,h,i)perylene

Concen: 0.10 ng

RT: 27.12 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BE091613.D

Acq: 8 Apr 2016 15:49

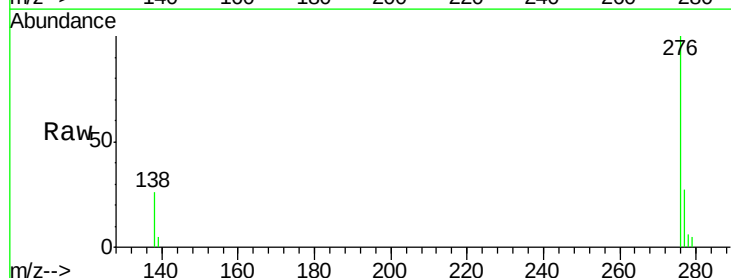
Tgt Ion:276 Resp: 6166

Ion Ratio Lower Upper

276 100

277 26.6 18.6 28.0

138 25.5 20.4 30.6



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

