

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050916\
 Data File : BE091752.D
 Acq On : 9 May 2016 10:54
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: May 10 00:56:32 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 16:09:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	42042	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	202404	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	122944	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	297419	5.00	ng	0.00
26) Chrysene-d12	21.31	240	332446	5.00	ng	0.00
35) Perylene-d12	23.75	264	319162	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	3495	0.34	ng	0.00
5) Phenol-d6	6.95	99	4751	0.35	ng	0.00
8) Nitrobenzene-d5	8.95	82	3296	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	791	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	13037	0.37	ng	0.00
29) Terphenyl-d14	19.76	244	20509	0.40	ng	0.00

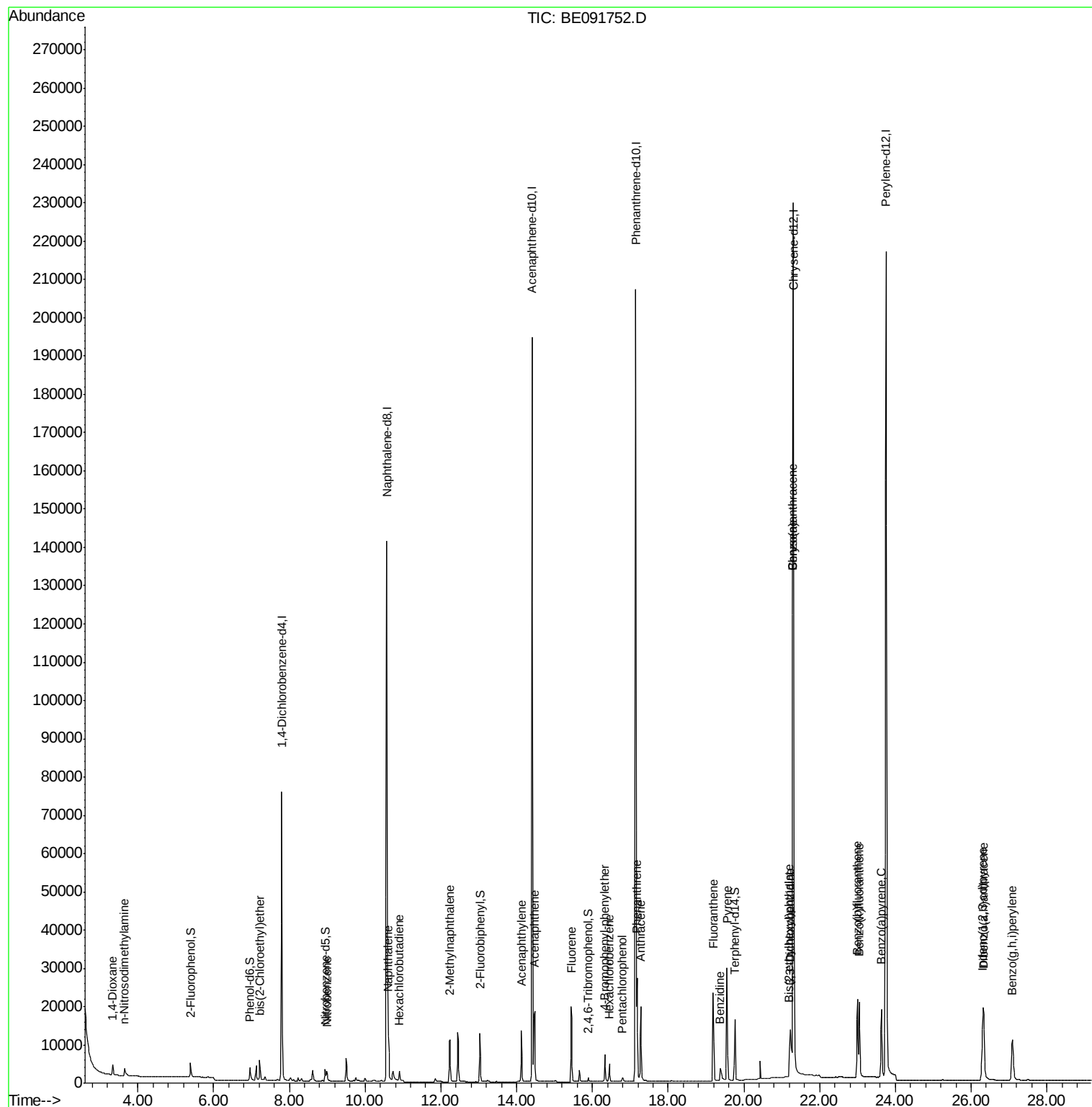
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	2044	0.32	ng	95
3) n-Nitrosodimethylamine	3.65	42	2241	0.29	ng	95
6) bis(2-Chloroethyl)ether	7.21	93	4442	0.37	ng	# 78
9) Nitrobenzene	8.99	77	3358	0.25	ng	# 96
10) Naphthalene	10.61	128	15919	0.39	ng	97
11) Hexachlorobutadiene	10.90	225	3095	0.51	ng	91
12) 2-Methylnaphthalene	12.24	142	10137	0.39	ng	# 90
16) Acenaphthylene	14.12	152	18433	0.39	ng	# 81
17) Acenaphthene	14.47	154	11306	0.37	ng	88
18) Fluorene	15.46	166	14162	0.37	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	4103	0.38	ng	94
21) Hexachlorobenzene	16.45	284	4245	0.40	ng	99
22) Pentachlorophenol	16.79	266	856	0.24	ng	91
23) Phenanthrene	17.18	178	26103	0.39	ng	99
24) Anthracene	17.28	178	23296	0.38	ng	99
25) Fluoranthene	19.19	202	27617	0.39	ng	# 97
27) Benzidine	19.38	184	8193	0.46	ng	# 80
28) Pyrene	19.55	202	30252	0.40	ng	99
30) Benzo(a)anthracene	21.29	228	31012	0.38	ng	94
31) 3,3'-Dichlorobenzidine	21.22	252	17428	0.42	ng	# 86
32) Chrysene	21.29	228	30980	0.37	ng	# 90
33) Bis(2-ethylhexyl)phthalate	21.20	149	10391	0.42	ng	# 88
34) Indeno(1,2,3-cd)pyrene	26.31	276	30788	0.41	ng	96
36) Benzo(b)fluoranthene	23.00	252	29702	0.40	ng	96
37) Benzo(k)fluoranthene	23.04	252	28015	0.37	ng	97
38) Benzo(a)pyrene	23.63	252	27316	0.39	ng	98
39) Dibenzo(a,h)anthracene	26.33	278	25510	0.38	ng	97
40) Benzo(g,h,i)perylene	27.09	276	26711	0.39	ng	95

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

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091752.D

Acq: 9 May 2016 10:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

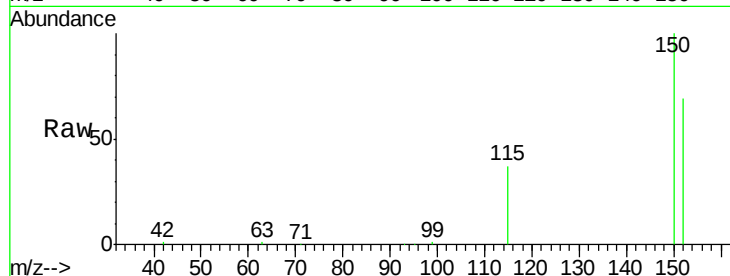
Tgt Ion:152 Resp: 42042

Ion Ratio Lower Upper

152 100

150 144.6 122.6 183.8

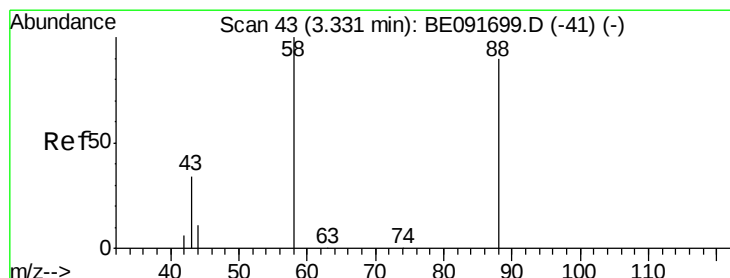
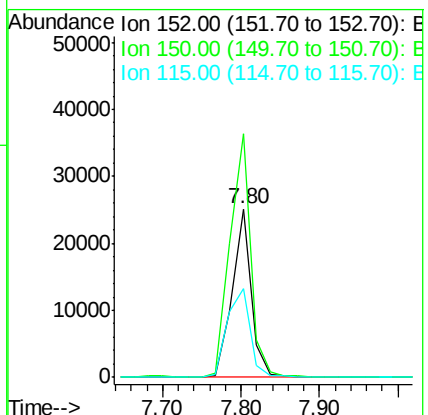
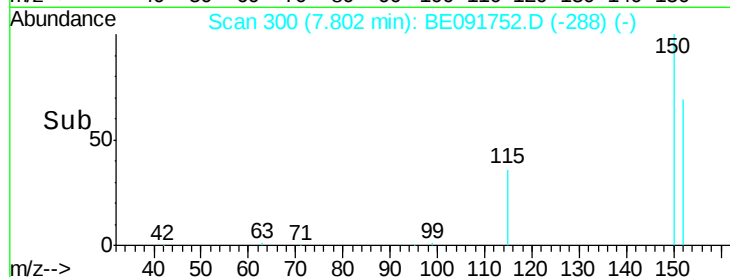
115 52.9 52.8 79.2



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: 0.32 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091752.D

Acq: 9 May 2016 10:54

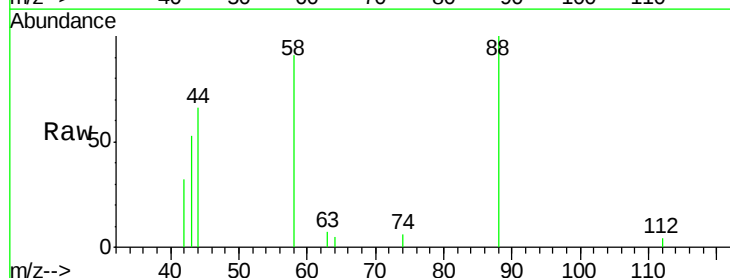
Tgt Ion: 88 Resp: 2044

Ion Ratio Lower Upper

88 100

58 78.5 65.8 98.6

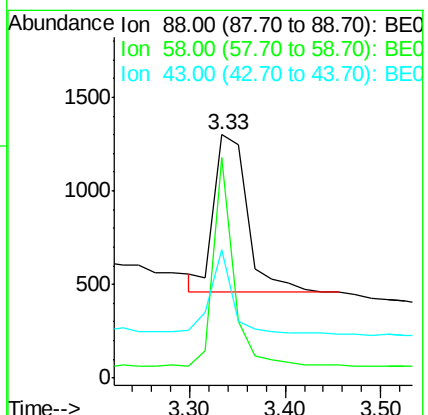
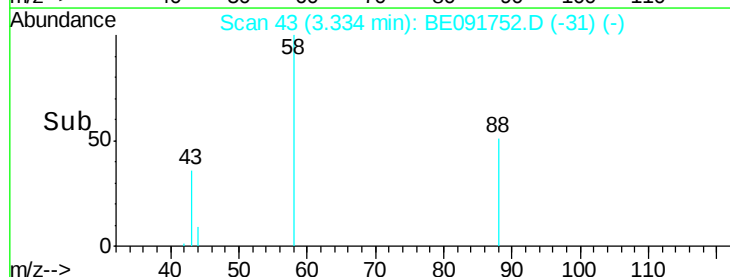
43 35.0 25.3 37.9

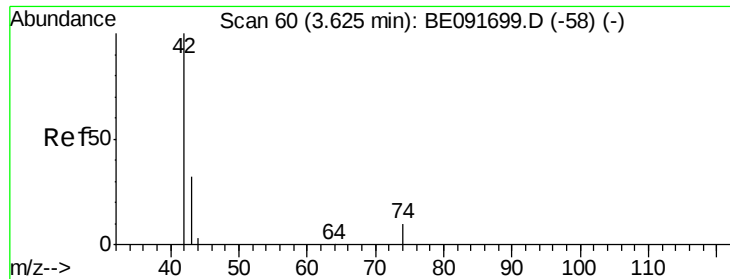


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.29 ng

RT: 3.65 min Scan# 61

Delta R.T. 0.02 min

Lab File: BE091752.D

Acq: 9 May 2016 10:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

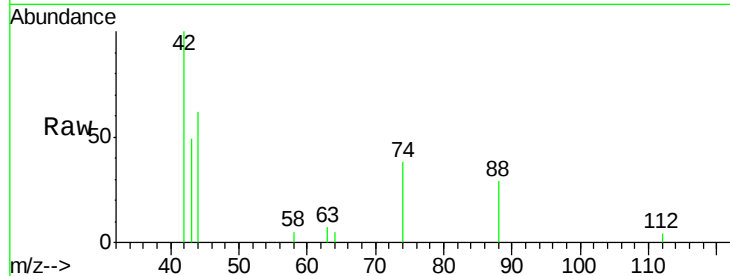
Tgt Ion: 42 Resp: 2241

Ion Ratio Lower Upper

42 100

74 103.9 87.9 131.9

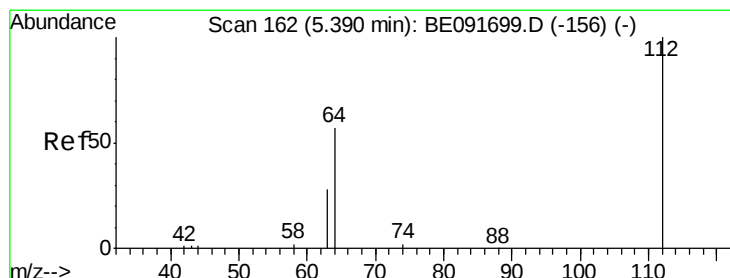
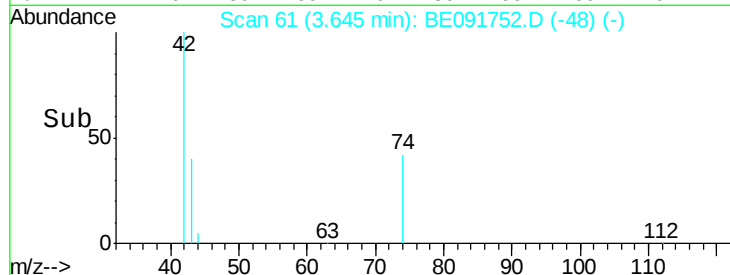
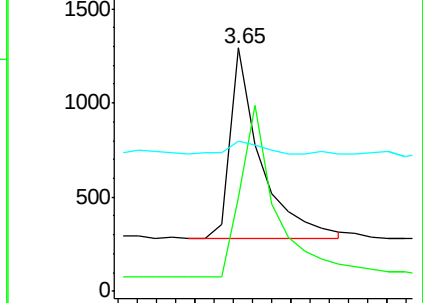
44 8.0 6.6 9.8



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: 0.34 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091752.D

Acq: 9 May 2016 10:54

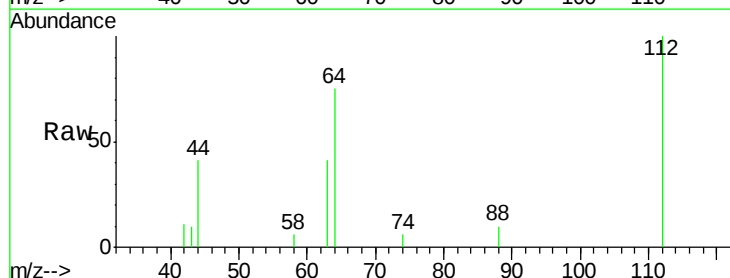
Tgt Ion: 112 Resp: 3495

Ion Ratio Lower Upper

112 100

64 69.3 30.9 46.3#

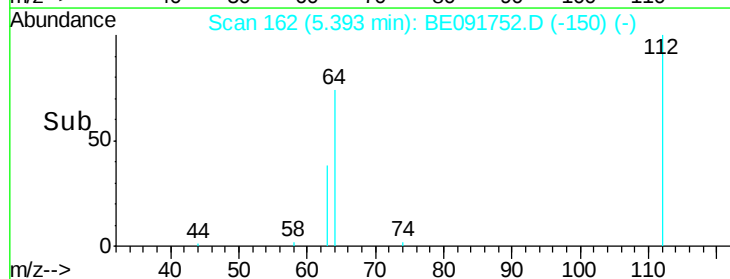
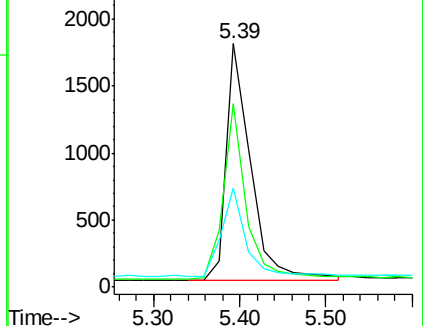
63 37.1 16.7 25.1#

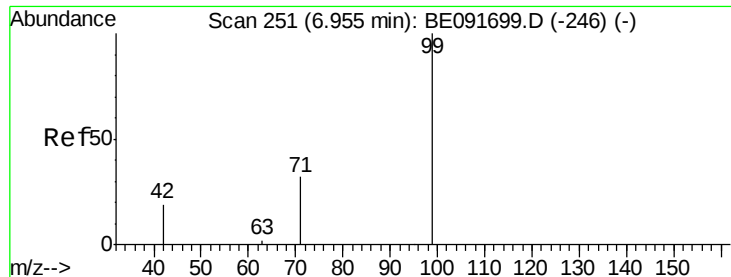


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.35 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091752.D

Acq: 9 May 2016 10:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

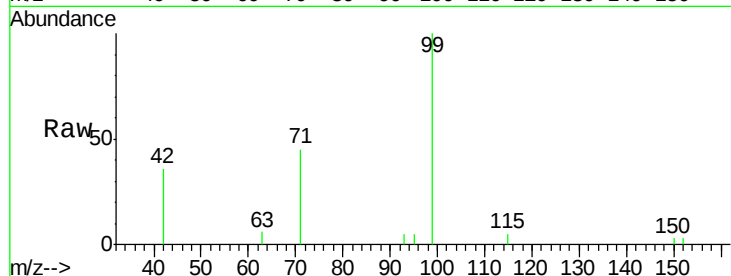
Tgt Ion: 99 Resp: 4751

Ion Ratio Lower Upper

99 100

42 26.1 16.2 24.2#

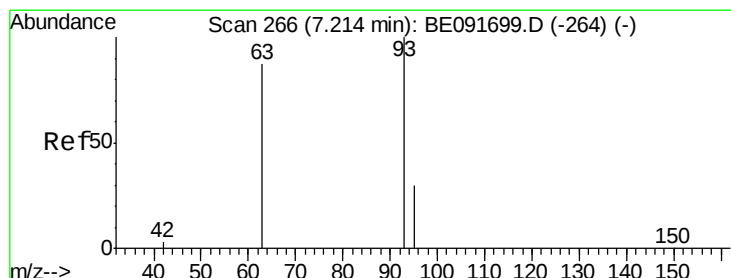
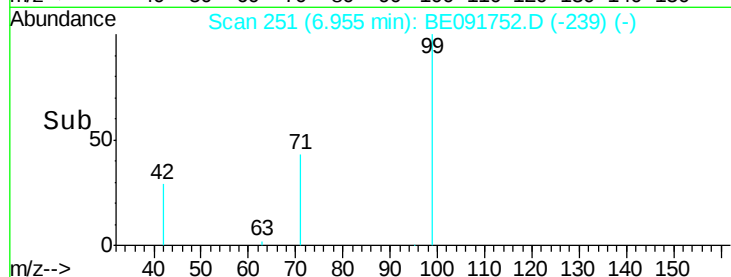
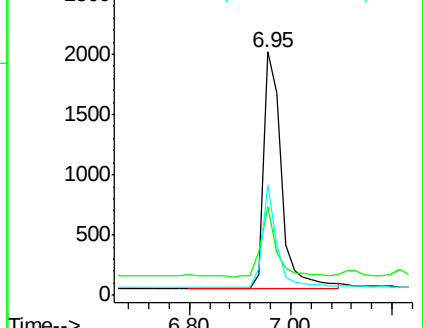
71 34.8 29.0 43.4



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



#6

bis(2-Chloroethyl)ether

Concen: 0.37 ng

RT: 7.21 min Scan# 266

Delta R.T. 0.00 min

Lab File: BE091752.D

Acq: 9 May 2016 10:54

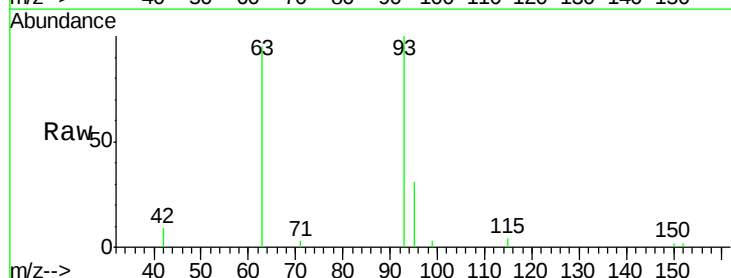
Tgt Ion: 93 Resp: 4442

Ion Ratio Lower Upper

93 100

63 84.2 49.5 74.3#

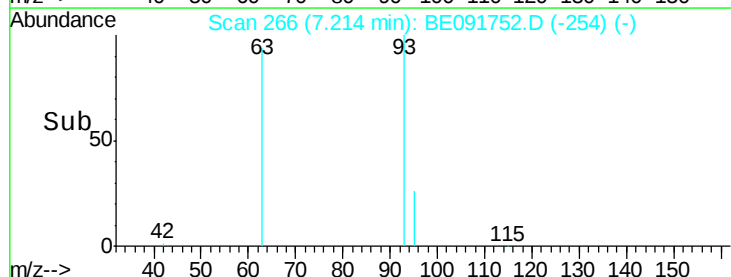
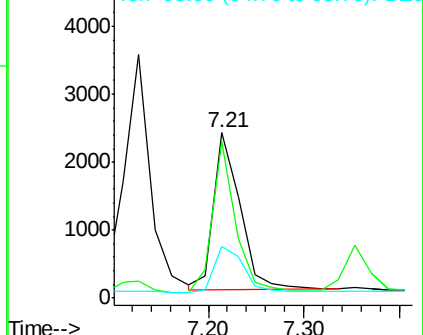
95 31.9 22.2 33.4

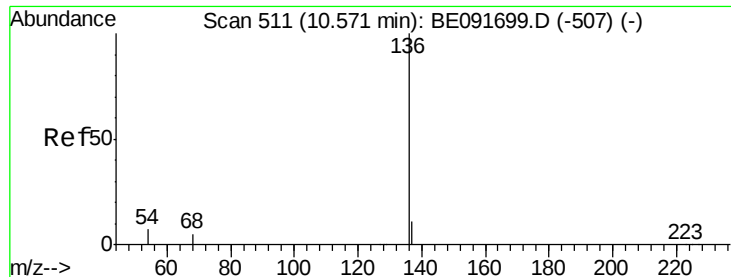


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE091752.D

Acq: 9 May 2016 10:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 202404

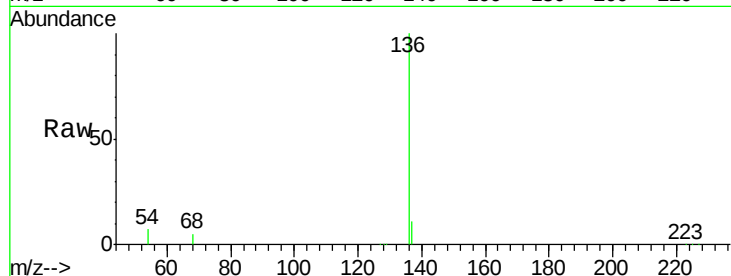
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.9 8.2 12.4#

68 5.2 6.2 9.4#

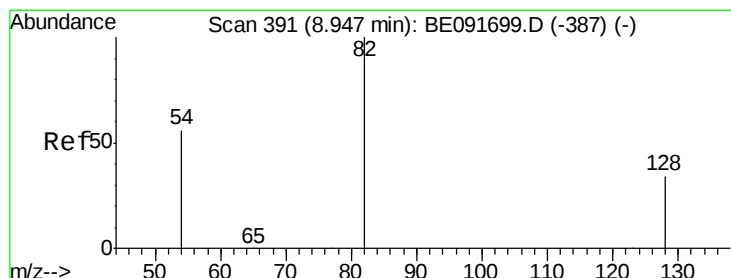
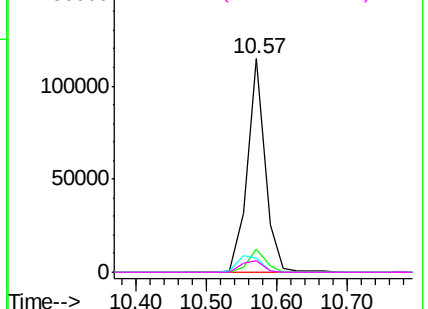
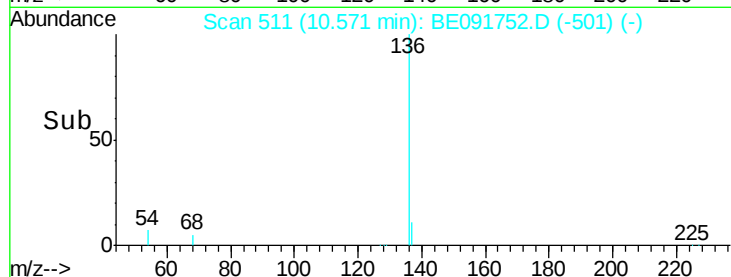


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.25 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091752.D

Acq: 9 May 2016 10:54

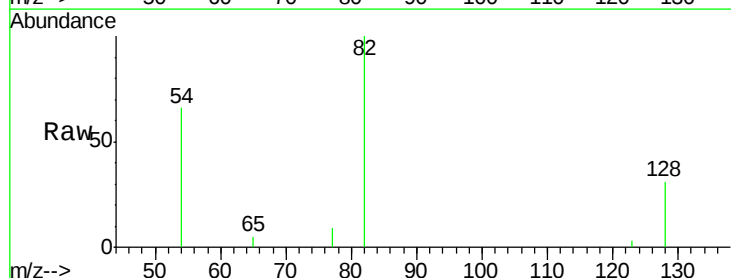
Tgt Ion: 82 Resp: 3296

Ion Ratio Lower Upper

82 100

128 30.9 25.4 38.0

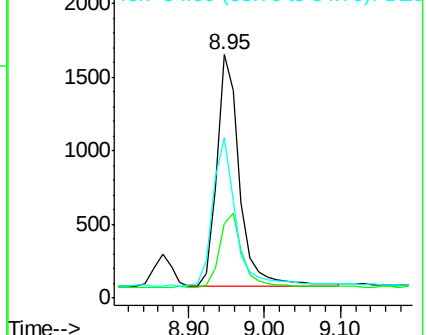
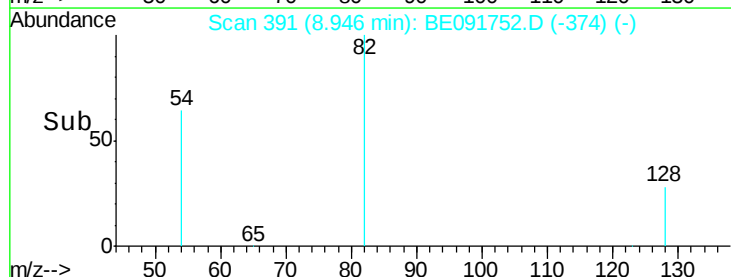
54 65.9 48.4 72.6

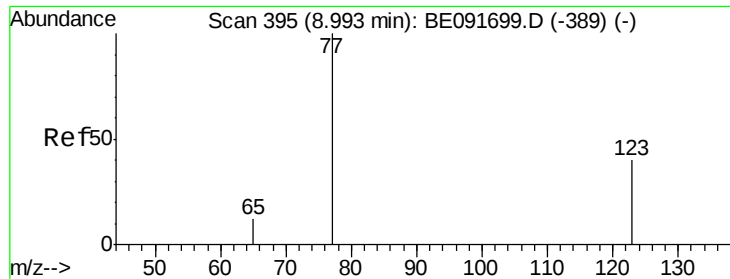


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.25 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE091752.D

Acq: 9 May 2016 10:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

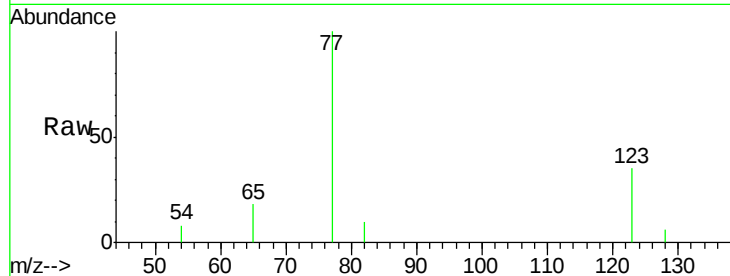
Tgt Ion: 77 Resp: 3358

Ion Ratio Lower Upper

77 100

123 34.0 26.9 40.3

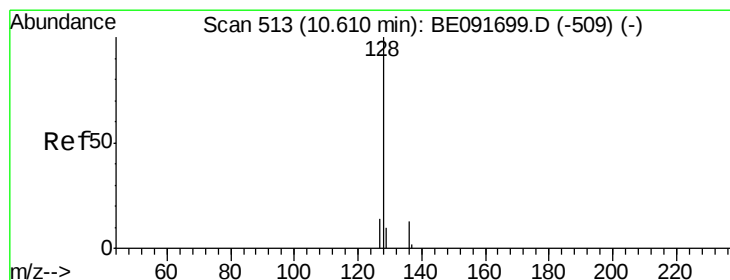
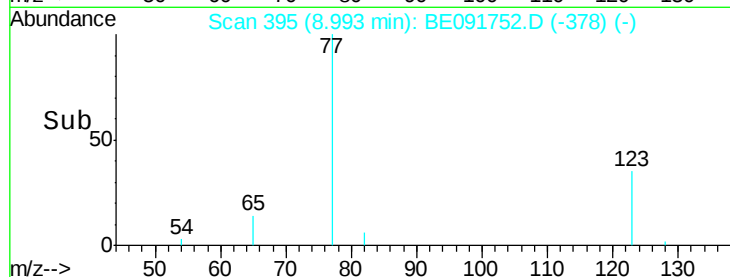
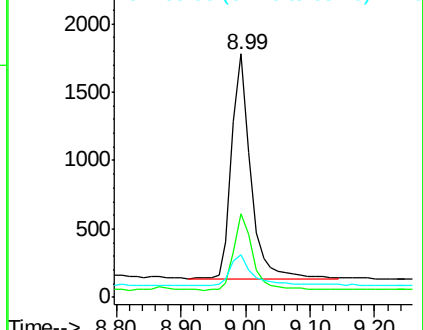
65 17.0 9.4 14.2#



Abundance Ion 77.00 (76.70 to 77.70): BE091699.D (-389) (-)

Ion 123.00 (122.70 to 123.70): BE091699.D (-389) (-)

Ion 65.00 (64.70 to 65.70): BE091699.D (-389) (-)



#10

Naphthalene

Concen: 0.39 ng

RT: 10.61 min Scan# 513

Delta R.T. -0.00 min

Lab File: BE091752.D

Acq: 9 May 2016 10:54

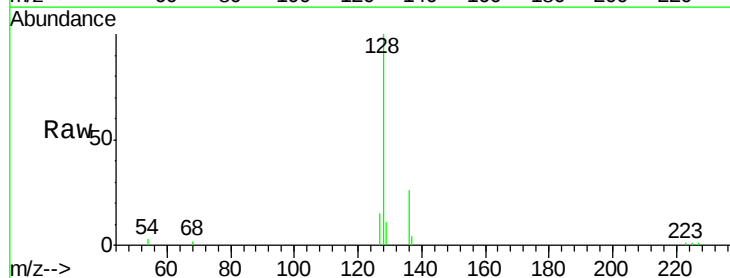
Tgt Ion: 128 Resp: 15919

Ion Ratio Lower Upper

128 100

129 10.8 9.3 13.9

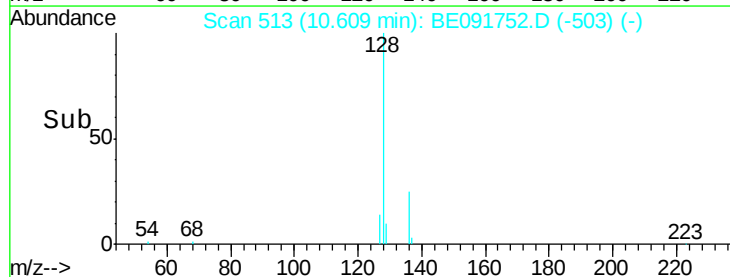
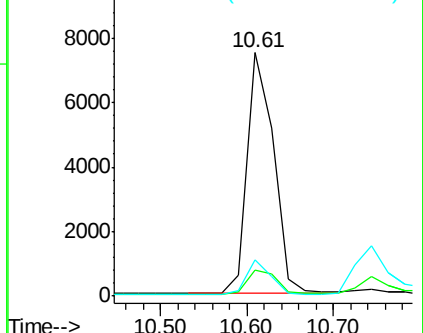
127 14.7 10.7 16.1

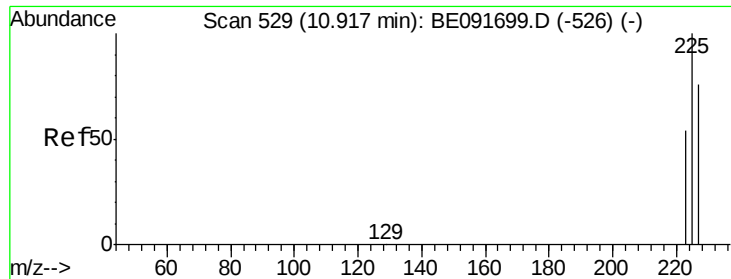


Abundance Ion 128.00 (127.70 to 128.70): BE091699.D (-509) (-)

Ion 129.00 (128.70 to 129.70): BE091699.D (-509) (-)

Ion 127.00 (126.70 to 127.70): BE091699.D (-509) (-)

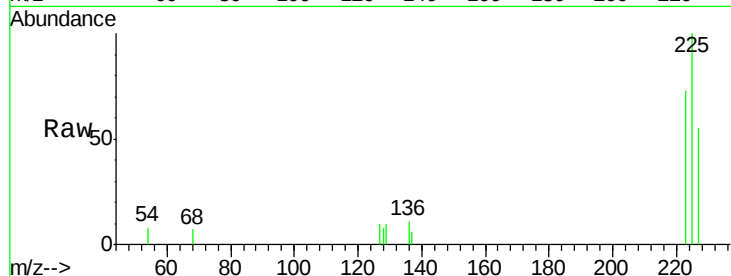




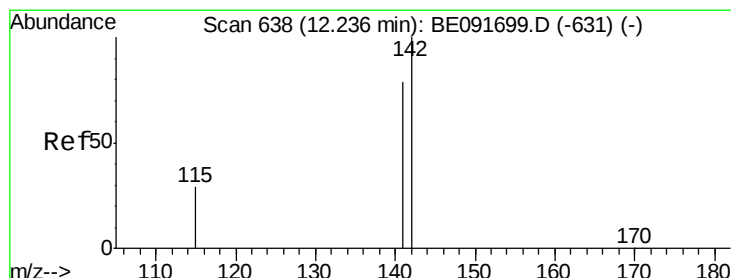
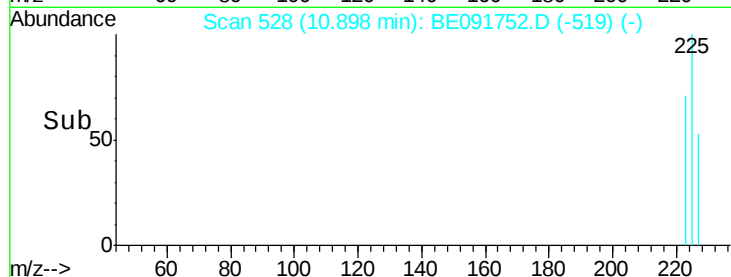
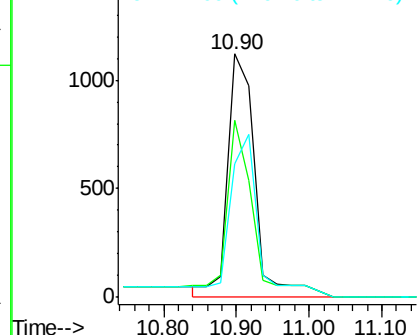
#11
Hexachlorobutadiene
Concen: 0.51 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091752.D
Acq: 9 May 2016 10:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 225 Resp: 3095
Ion Ratio Lower Upper
225 100
223 71.1 49.0 73.6
227 67.8 50.3 75.5

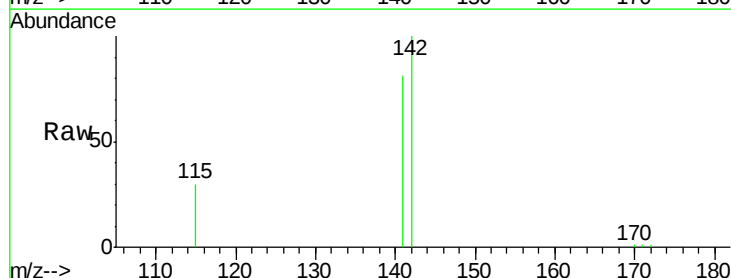


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

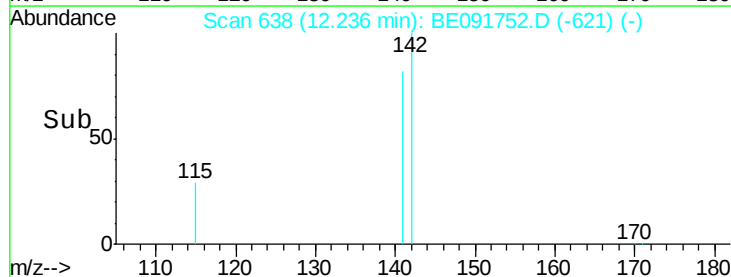
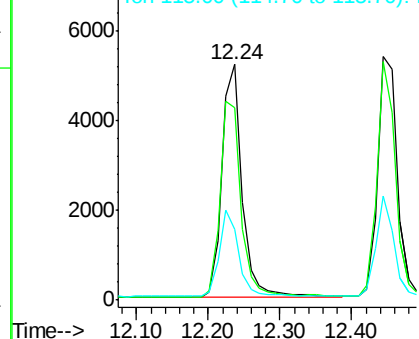


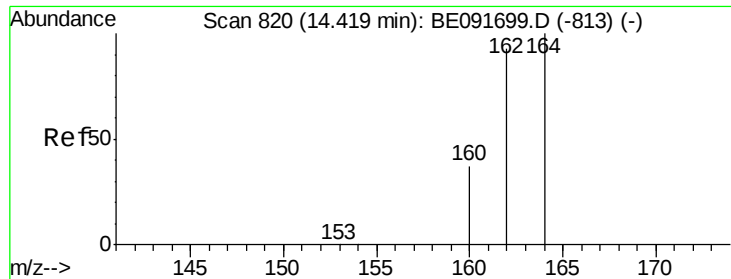
#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.24 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE091752.D
Acq: 9 May 2016 10:54

Tgt Ion: 142 Resp: 10137
Ion Ratio Lower Upper
142 100
141 81.4 71.4 107.0
115 30.2 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





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091752.D

Acq: 9 May 2016 10:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

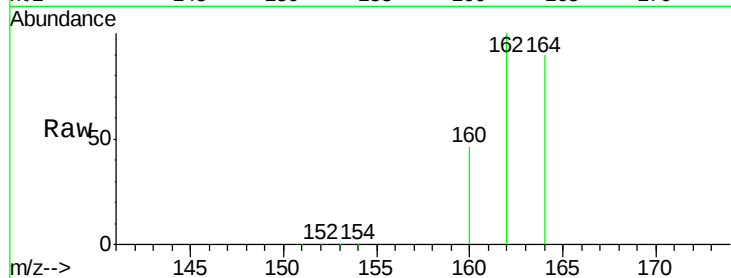
Tgt Ion:164 Resp: 122944

Ion Ratio Lower Upper

164 100

162 111.3 85.3 127.9

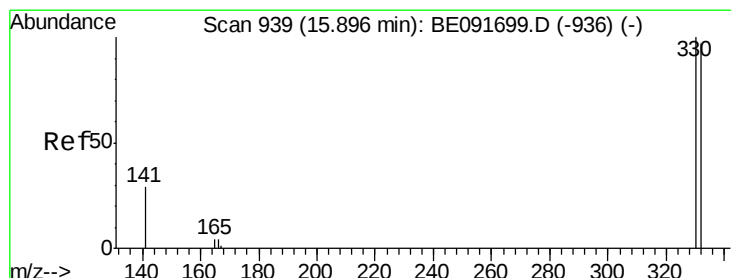
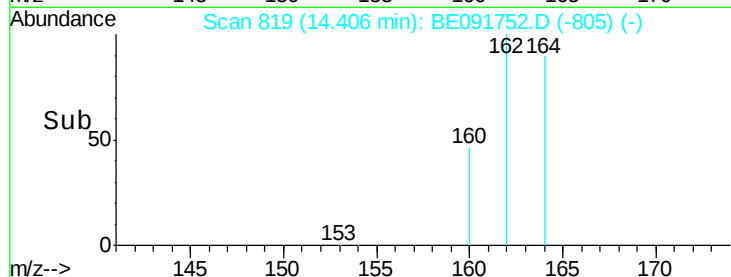
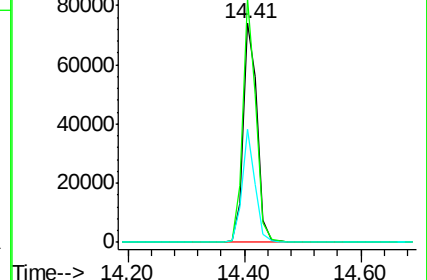
160 51.7 46.2 69.2



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: 0.33 ng

RT: 15.90 min Scan# 939

Delta R.T. 0.00 min

Lab File: BE091752.D

Acq: 9 May 2016 10:54

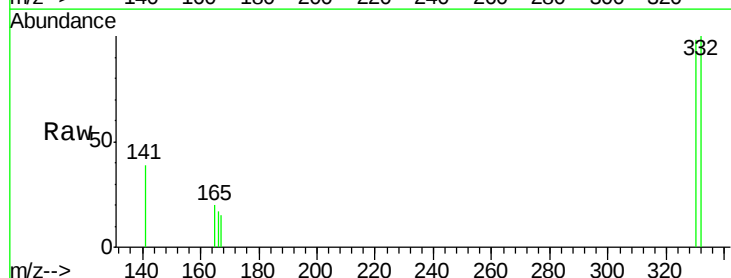
Tgt Ion:330 Resp: 791

Ion Ratio Lower Upper

330 100

332 97.1 79.1 118.7

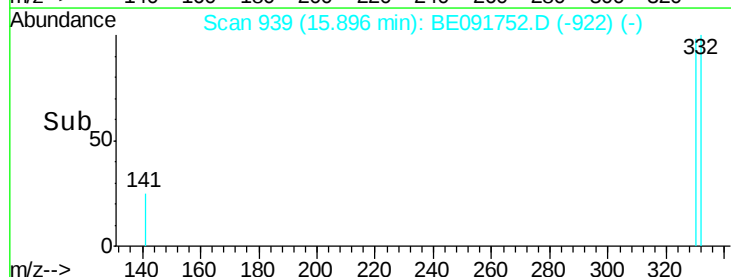
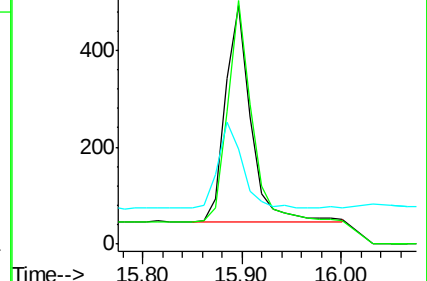
141 38.8 125.4 188.0#

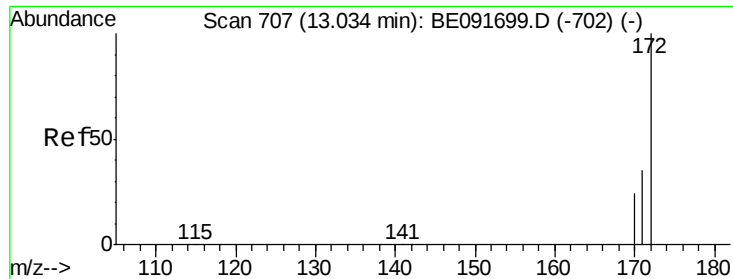


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

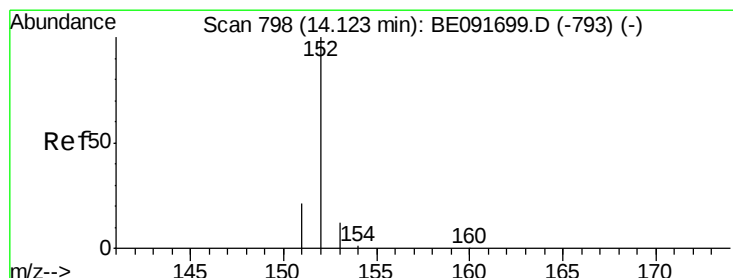
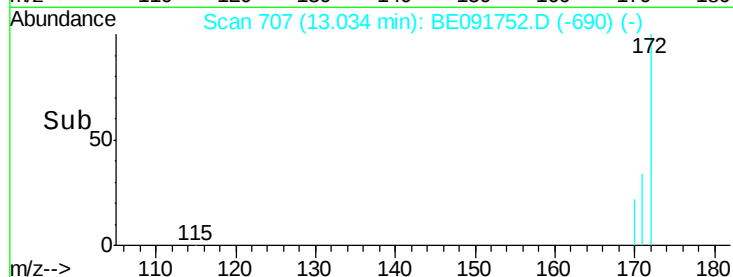
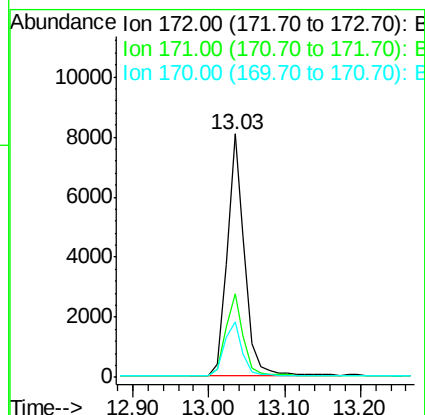
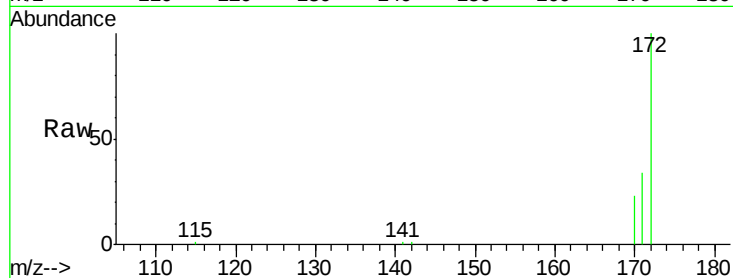




#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091752.D
Acq: 9 May 2016 10:54

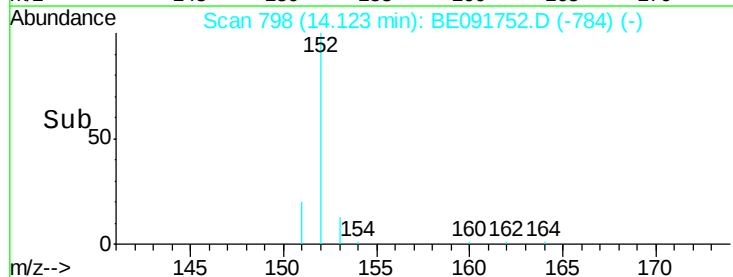
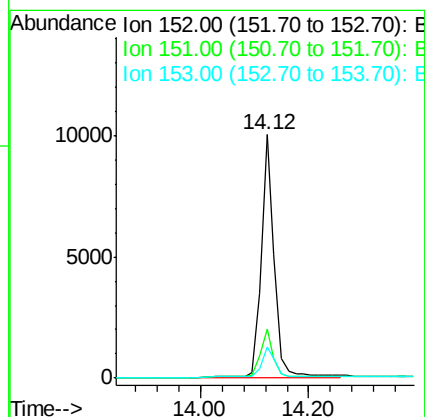
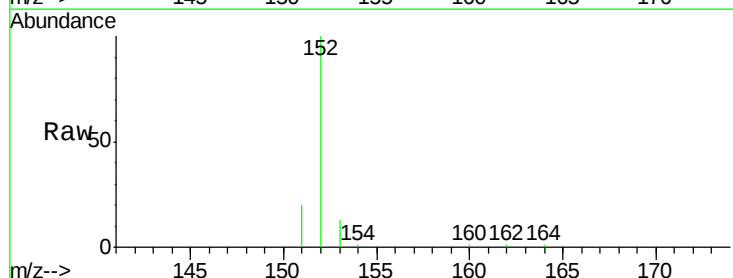
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

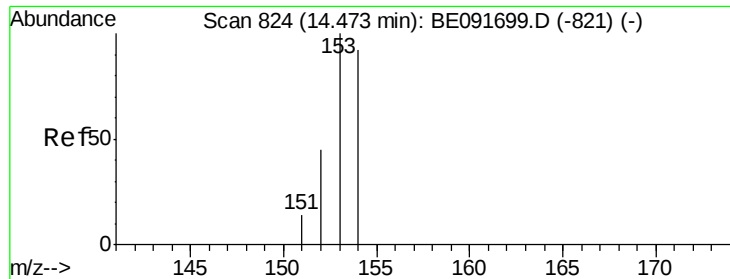
Tgt Ion:172 Resp: 13037
Ion Ratio Lower Upper
172 100
171 34.2 28.8 43.2
170 22.7 19.3 28.9



#16
Acenaphthylene
Concen: 0.39 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091752.D
Acq: 9 May 2016 10:54

Tgt Ion:152 Resp: 18433
Ion Ratio Lower Upper
152 100
151 18.5 3.9 5.9#
153 16.9 10.3 15.5#

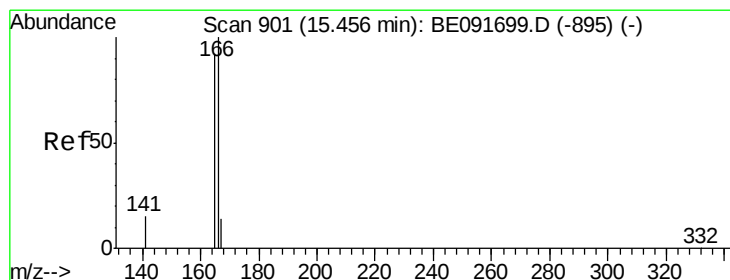
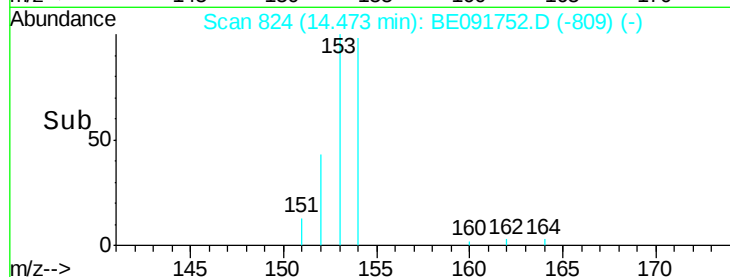
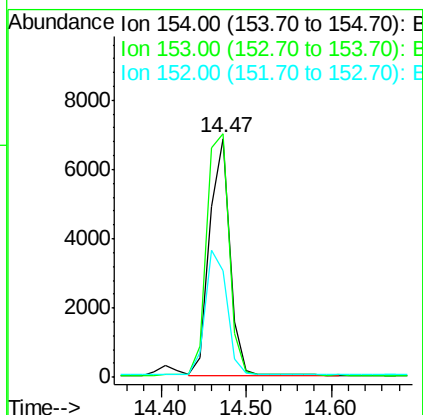
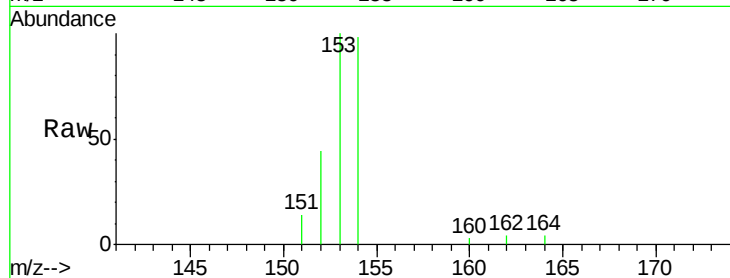




#17
Acenaphthene
Concen: 0.37 ng
RT: 14.47 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE091752.D
Acq: 9 May 2016 10:54

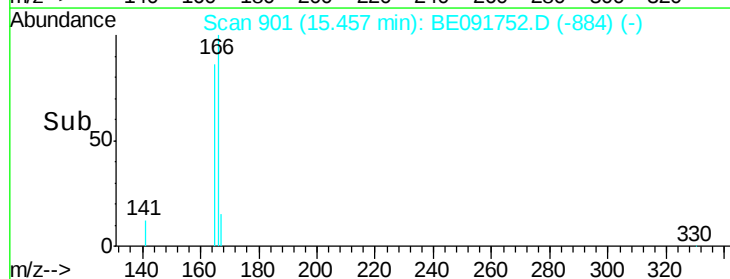
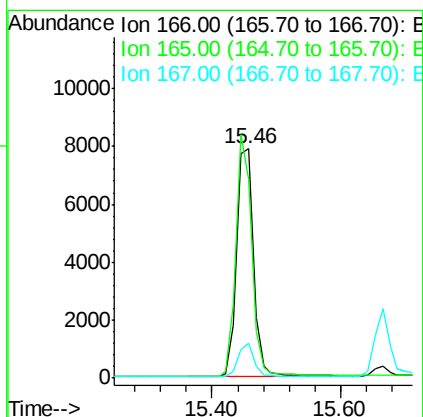
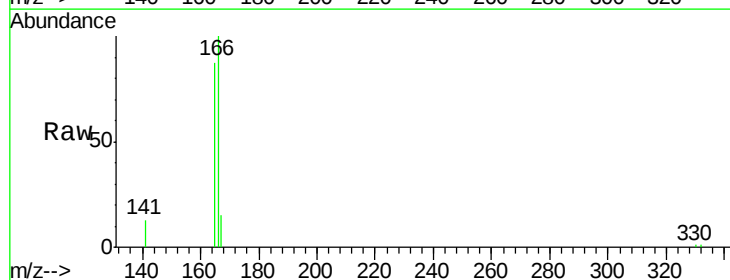
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

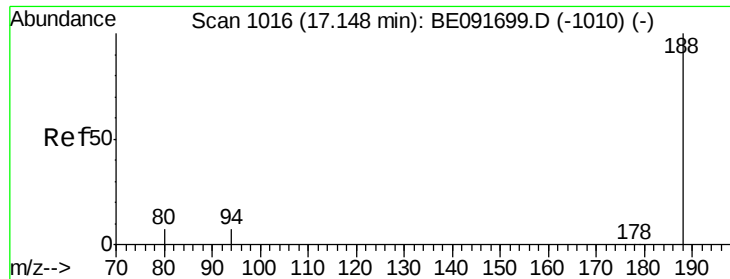
Tgt Ion:154 Resp: 11306
Ion Ratio Lower Upper
154 100
153 113.8 80.0 120.0
152 56.1 40.0 60.0



#18
Fluorene
Concen: 0.37 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091752.D
Acq: 9 May 2016 10:54

Tgt Ion:166 Resp: 14162
Ion Ratio Lower Upper
166 100
165 98.6 80.8 121.2
167 13.5 10.9 16.3

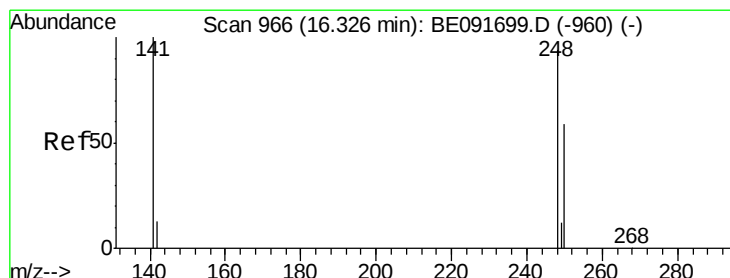
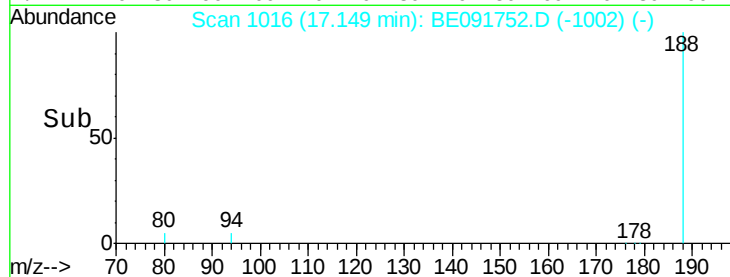
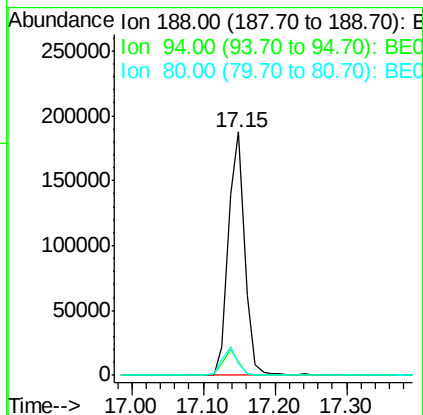
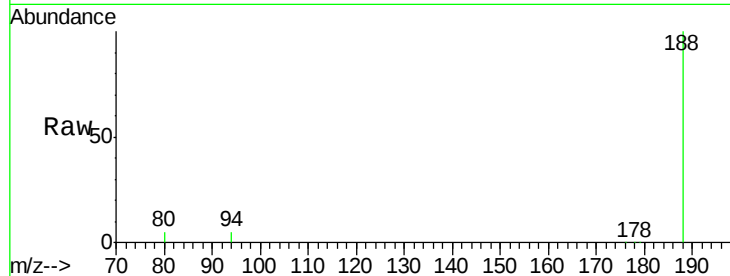




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091752.D
Acq: 9 May 2016 10:54

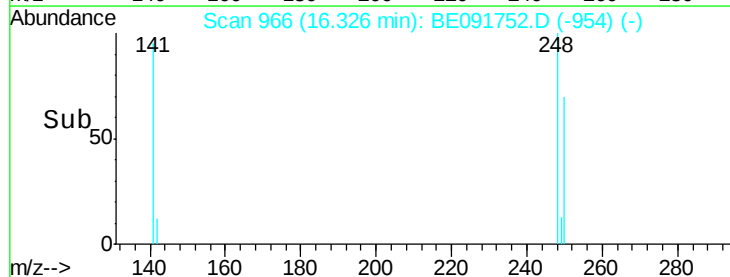
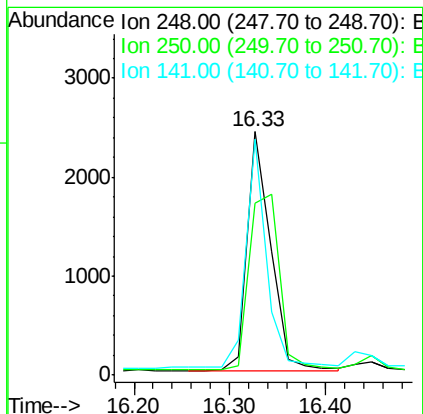
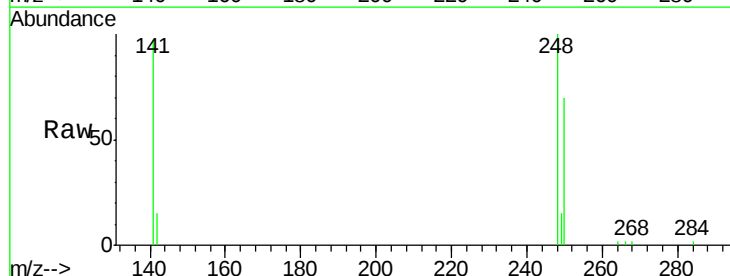
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

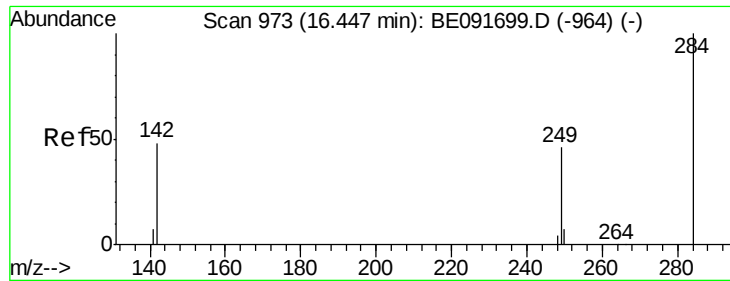
Tgt Ion:188 Resp: 297419
Ion Ratio Lower Upper
188 100
94 5.5 8.7 13.1#
80 4.8 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.33 min Scan# 966
Delta R.T. 0.00 min
Lab File: BE091752.D
Acq: 9 May 2016 10:54

Tgt Ion:248 Resp: 4103
Ion Ratio Lower Upper
248 100
250 95.1 80.5 120.7
141 83.7 72.0 108.0

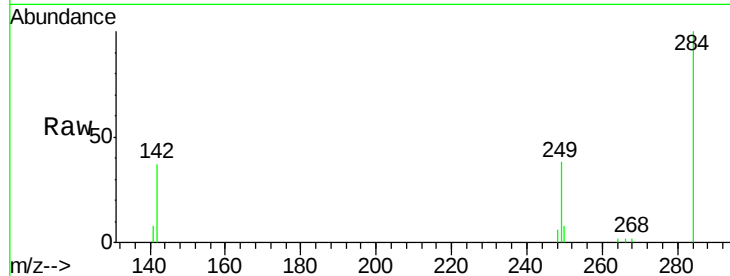




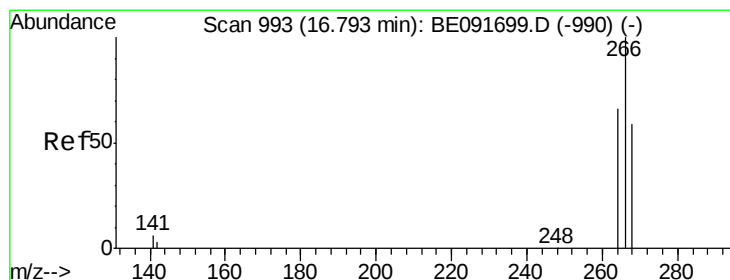
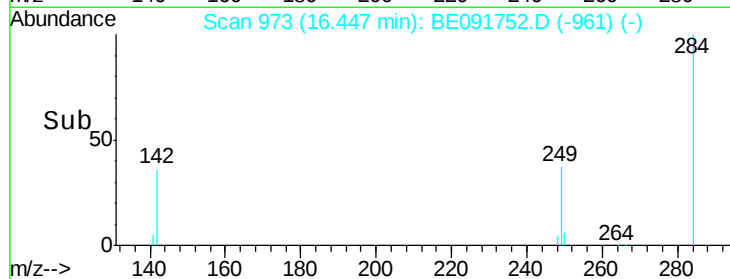
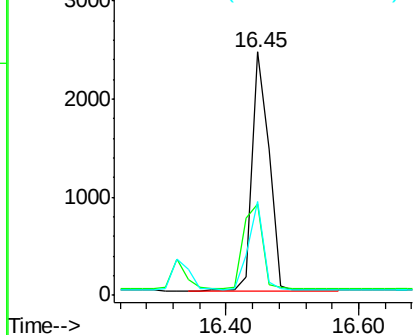
#21
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.45 min Scan# 973
Delta R.T. 0.00 min
Lab File: BE091752.D
Acq: 9 May 2016 10:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 284 Resp: 4245
Ion Ratio Lower Upper
284 100
142 40.2 32.2 48.2
249 33.4 25.4 38.2

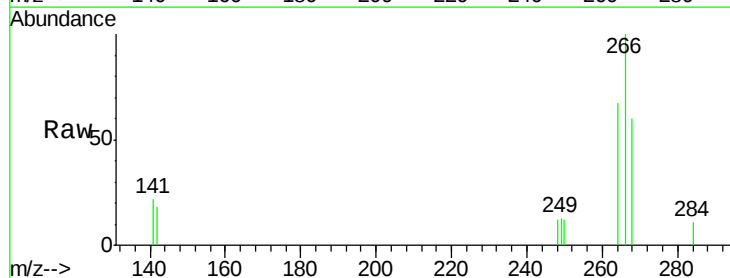


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

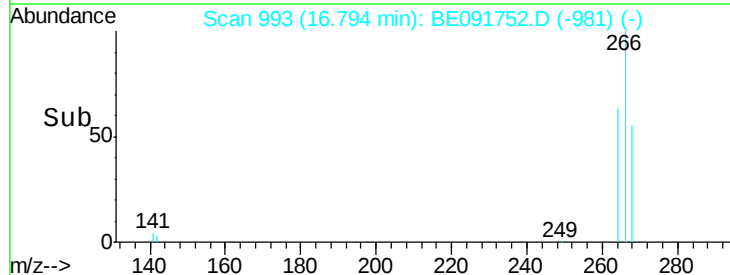
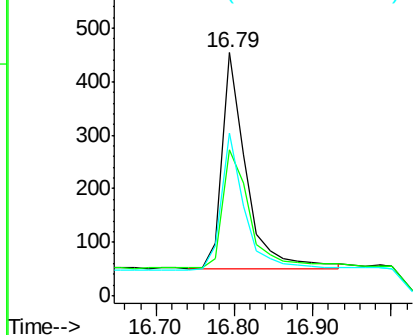


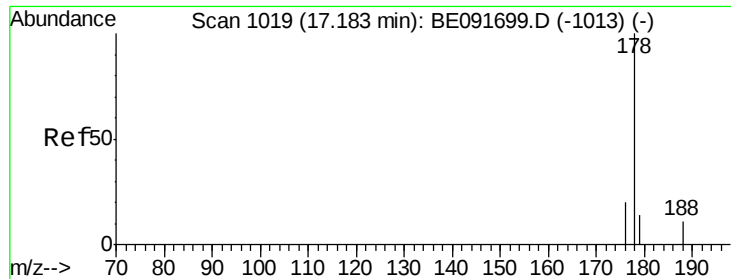
#22
Pentachlorophenol
Concen: 0.24 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091752.D
Acq: 9 May 2016 10:54

Tgt Ion: 266 Resp: 856
Ion Ratio Lower Upper
266 100
268 60.4 58.2 87.2
264 67.2 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: 0.39 ng

RT: 17.18 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE091752.D

Acq: 9 May 2016 10:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

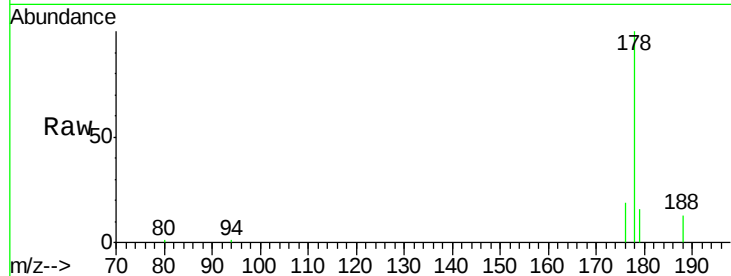
Tgt Ion:178 Resp: 26103

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

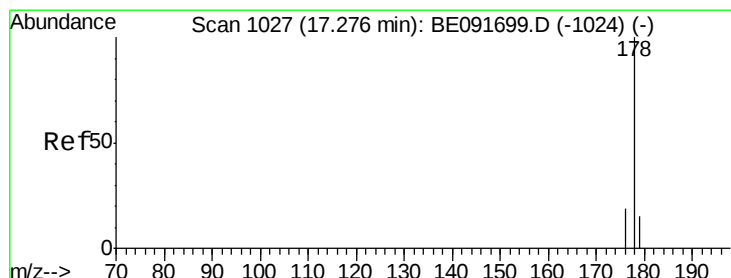
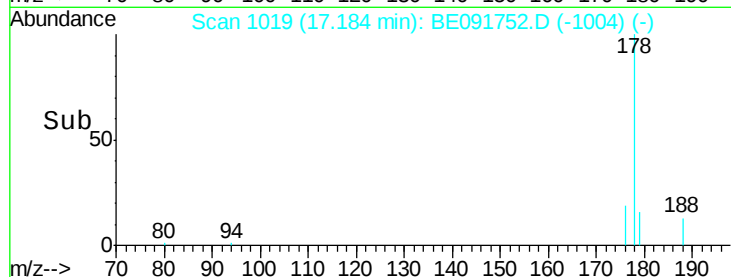
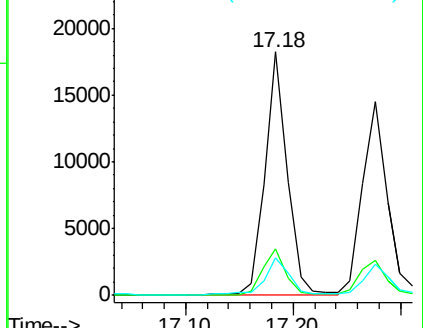
179 16.1 12.6 18.8



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: 0.38 ng

RT: 17.28 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE091752.D

Acq: 9 May 2016 10:54

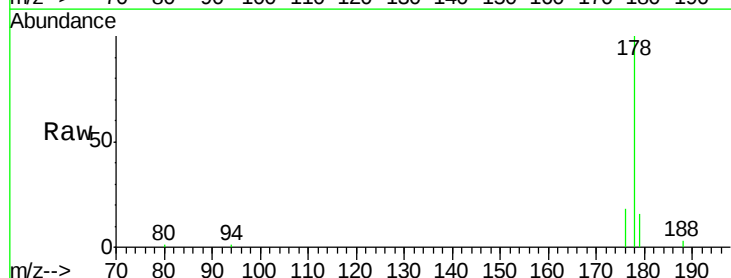
Tgt Ion:178 Resp: 23296

Ion Ratio Lower Upper

178 100

176 18.9 14.6 21.8

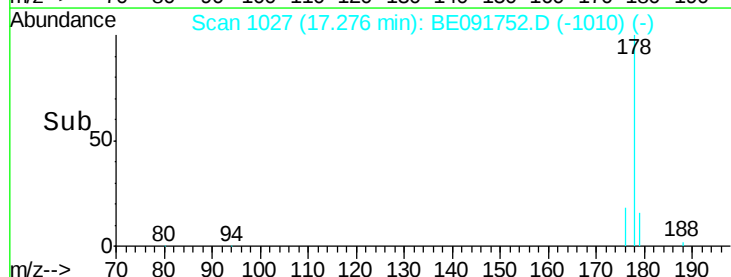
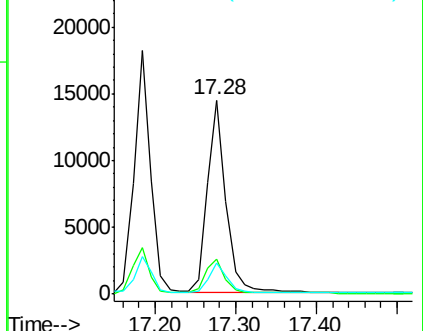
179 15.3 11.8 17.6

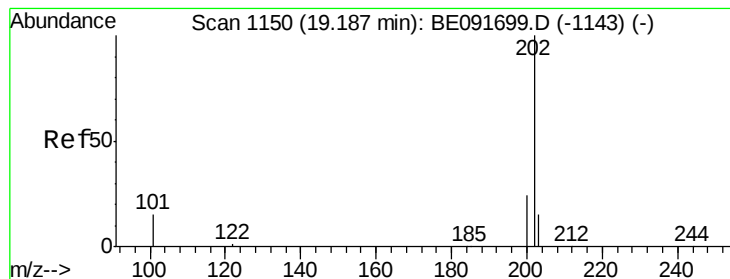


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.39 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091752.D

Acq: 9 May 2016 10:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

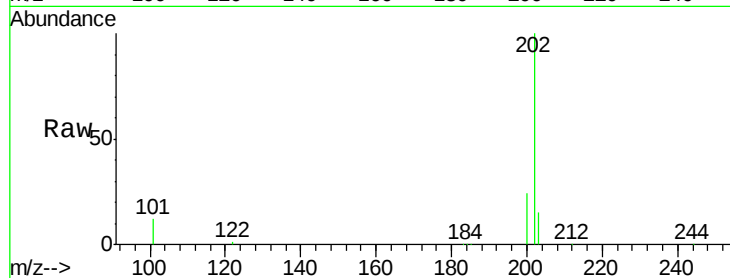
Tgt Ion:202 Resp: 27617

Ion Ratio Lower Upper

202 100

101 10.9 11.0 16.6#

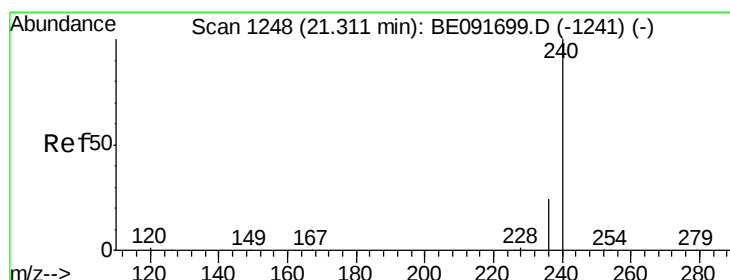
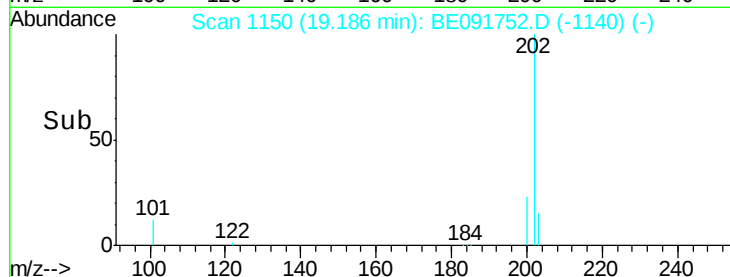
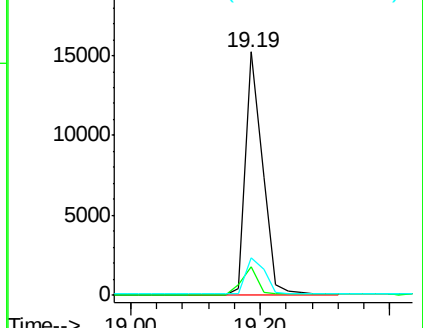
203 17.2 13.9 20.9



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: BE091752.D

Acq: 9 May 2016 10:54

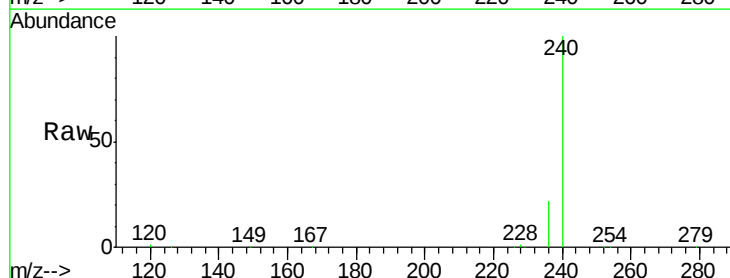
Tgt Ion:240 Resp: 332446

Ion Ratio Lower Upper

240 100

120 1.0 11.0 16.4#

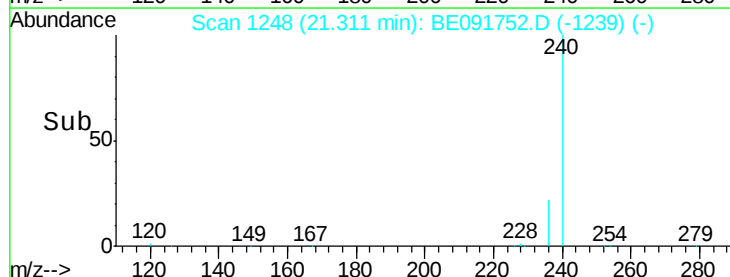
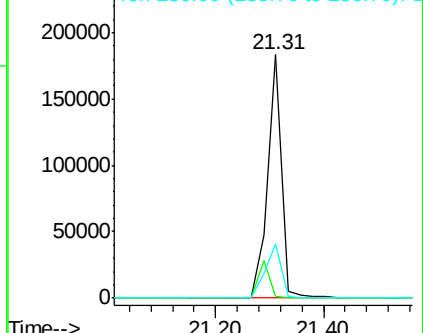
236 22.5 21.7 32.5

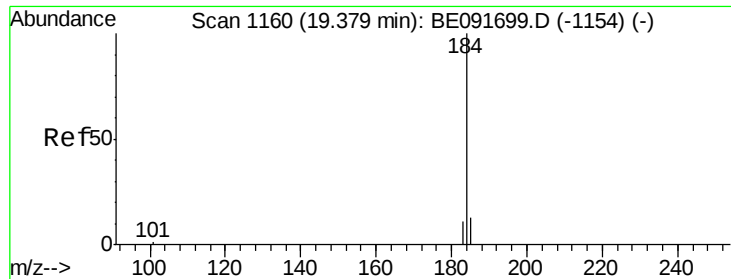


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.46 ng

RT: 19.38 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE091752.D

Acq: 9 May 2016 10:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

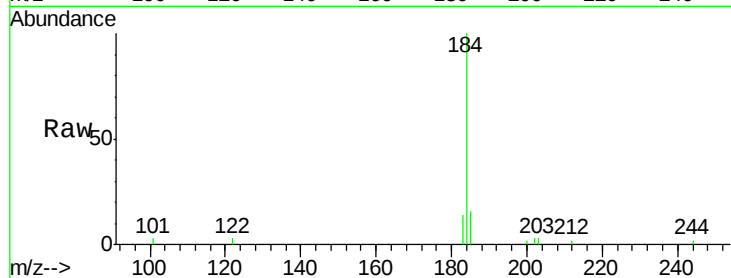
Tgt Ion:184 Resp: 8193

Ion Ratio Lower Upper

184 100

185 15.6 22.3 33.5#

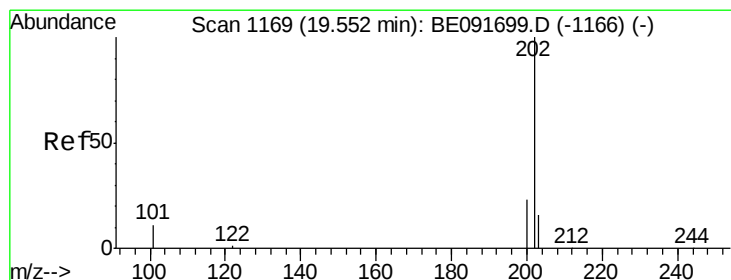
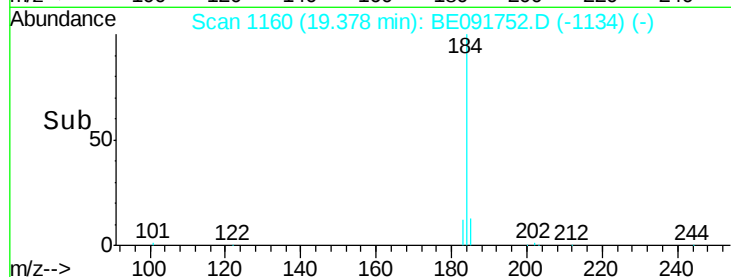
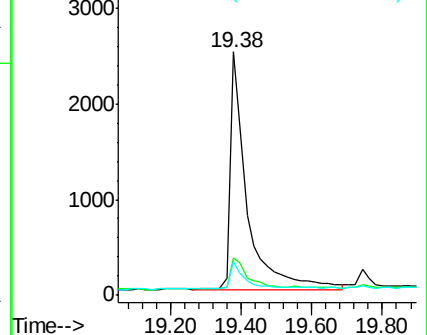
183 13.7 16.4 24.6#



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



#28

Pyrene

Concen: 0.40 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091752.D

Acq: 9 May 2016 10:54

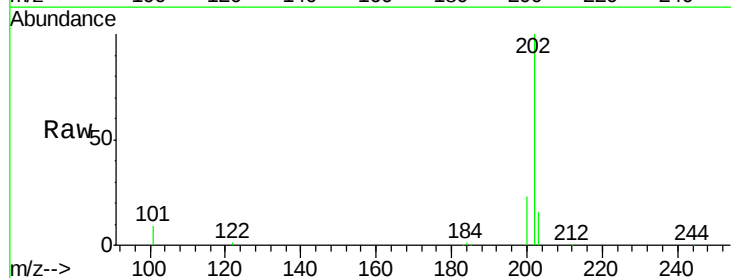
Tgt Ion:202 Resp: 30252

Ion Ratio Lower Upper

202 100

200 21.8 16.8 25.2

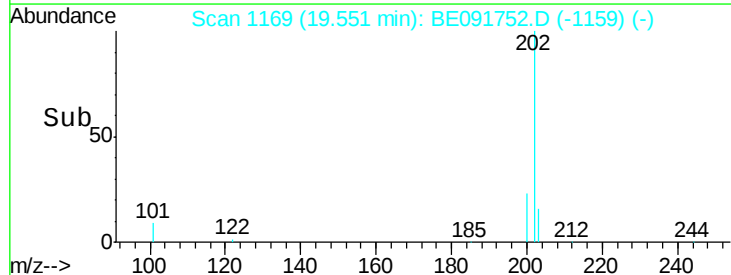
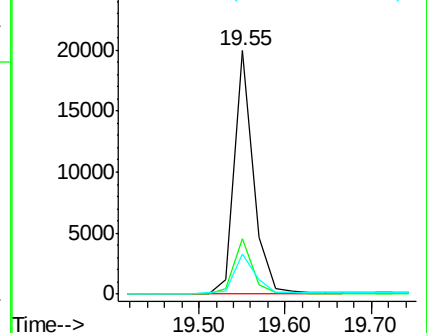
203 17.3 14.0 21.0

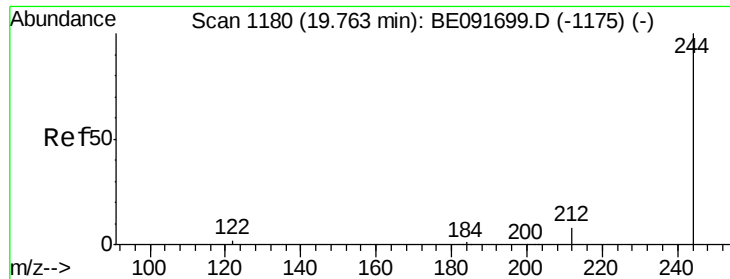


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.40 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091752.D

Acq: 9 May 2016 10:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

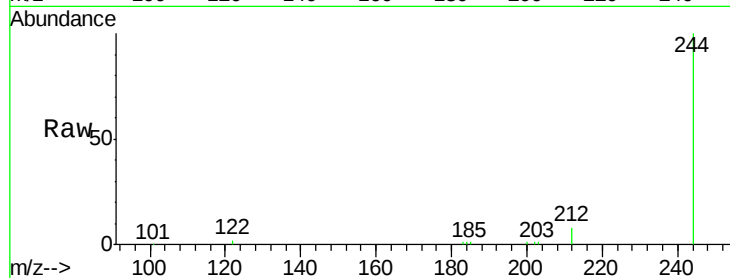
Tgt Ion:244 Resp: 20509

Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

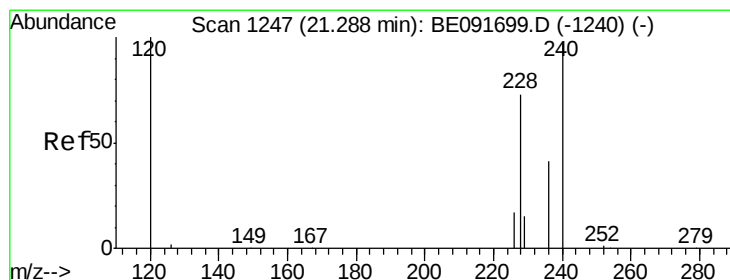
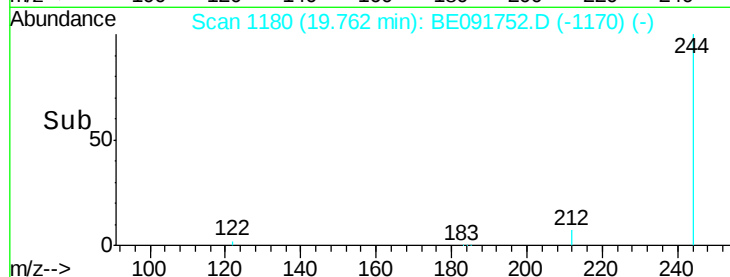
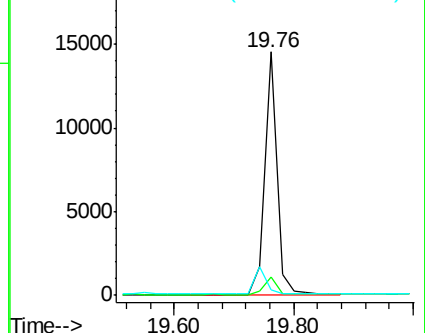
122 2.4 11.0 16.4#



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



#30

Benzo(a)anthracene

Concen: 0.38 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091752.D

Acq: 9 May 2016 10:54

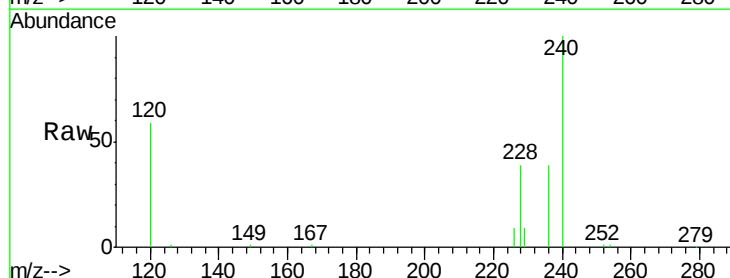
Tgt Ion:228 Resp: 31012

Ion Ratio Lower Upper

228 100

226 23.1 21.0 31.4

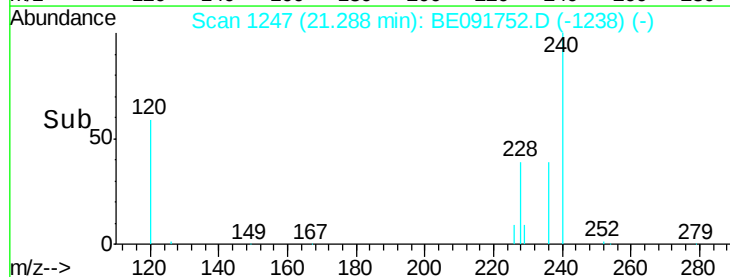
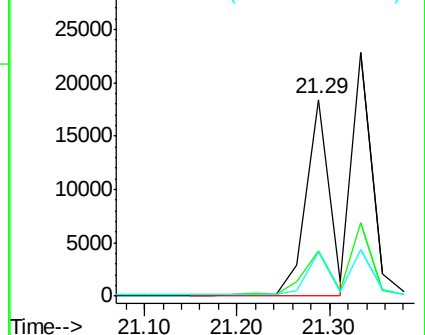
229 22.4 15.7 23.5

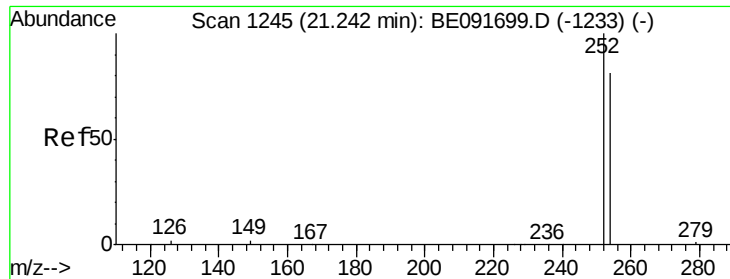


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

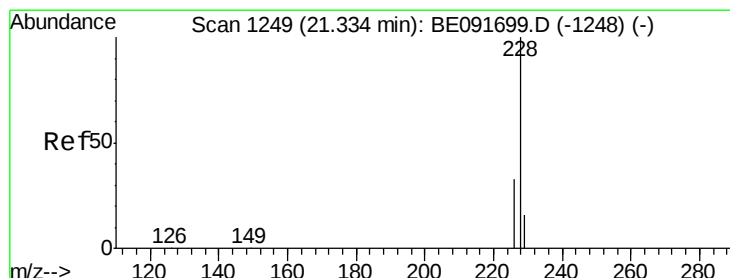
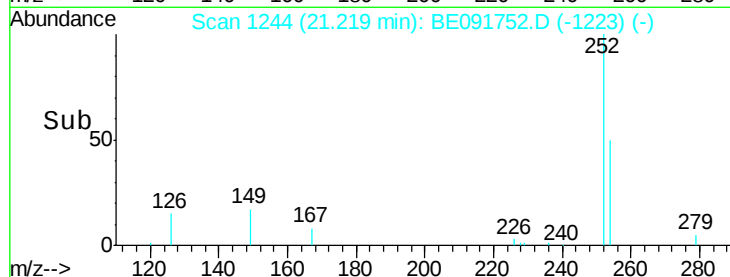
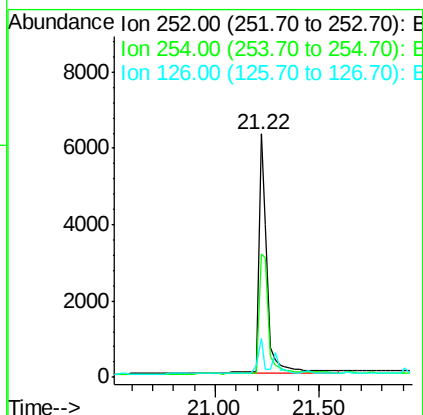
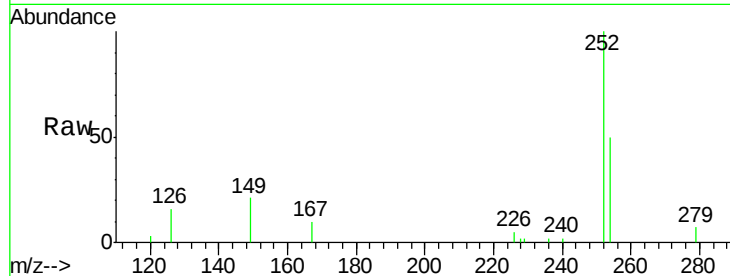




#31
 3,3'-Dichlorobenzidine
 Concen: 0.42 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091752.D
 Acq: 9 May 2016 10:54

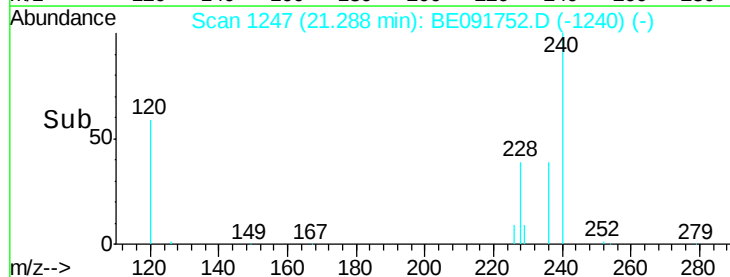
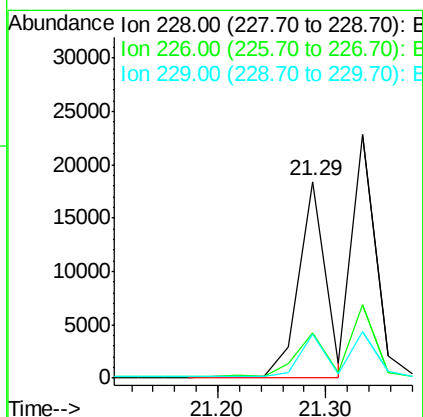
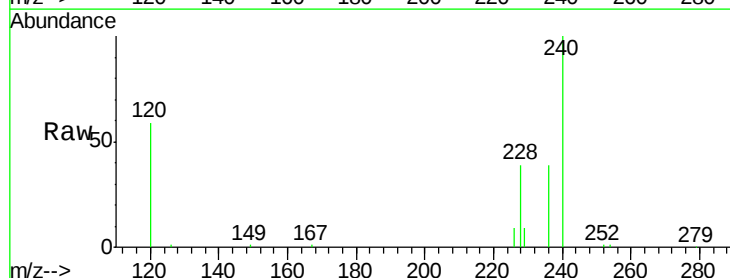
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

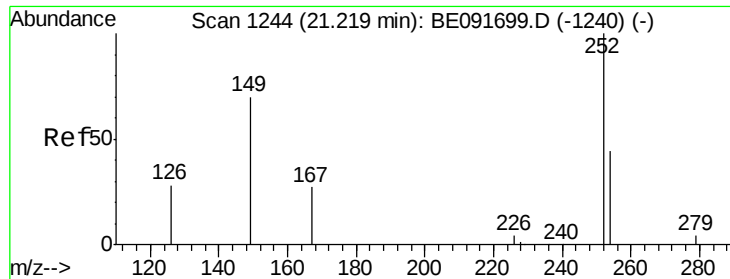
Tgt Ion: 252 Resp: 17428
 Ion Ratio Lower Upper
 252 100
 254 50.5 51.1 76.7#
 126 15.8 12.6 18.8



#32
 Chrysene
 Concen: 0.37 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BE091752.D
 Acq: 9 May 2016 10:54

Tgt Ion: 228 Resp: 30980
 Ion Ratio Lower Upper
 228 100
 226 23.1 24.0 36.0#
 229 22.4 15.9 23.9

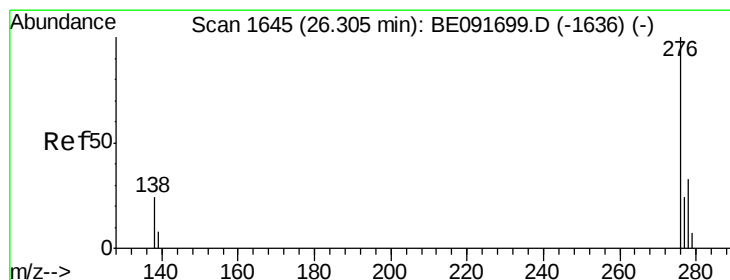
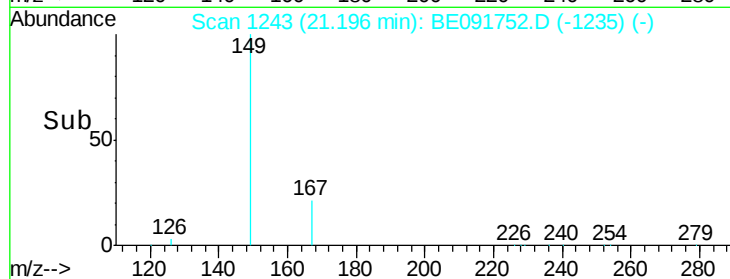
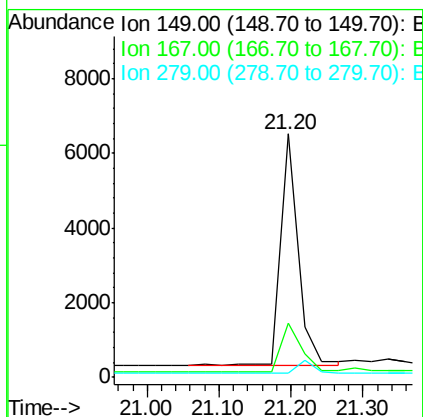
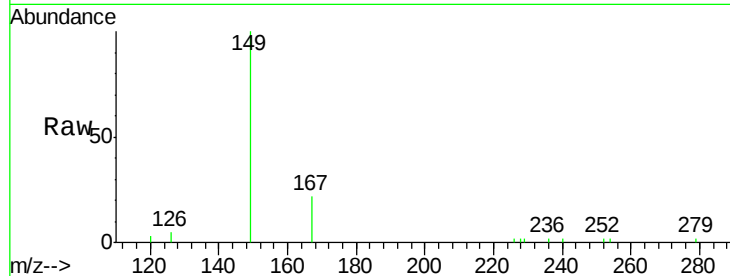




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.42 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091752.D
 Acq: 9 May 2016 10:54

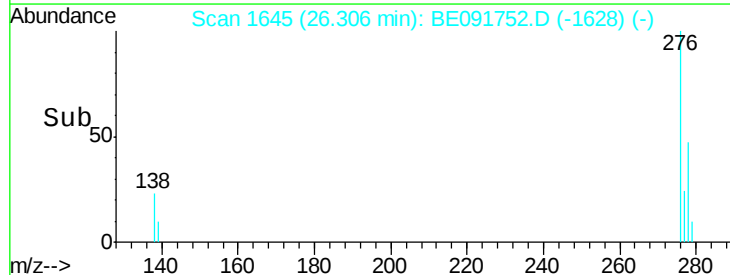
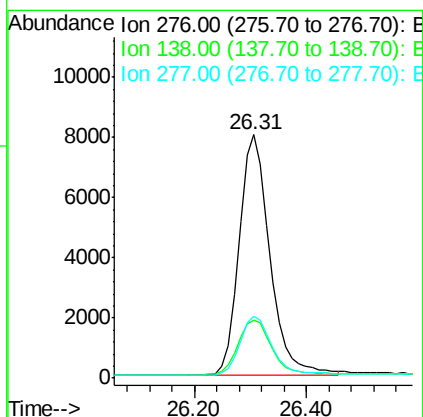
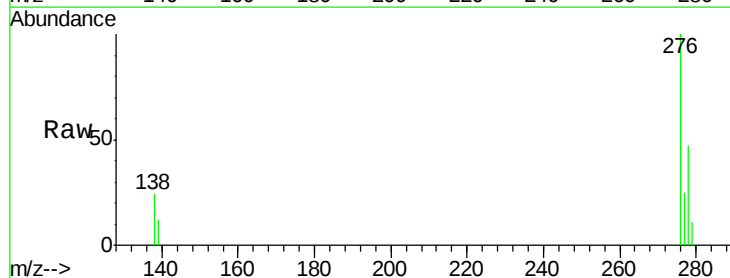
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

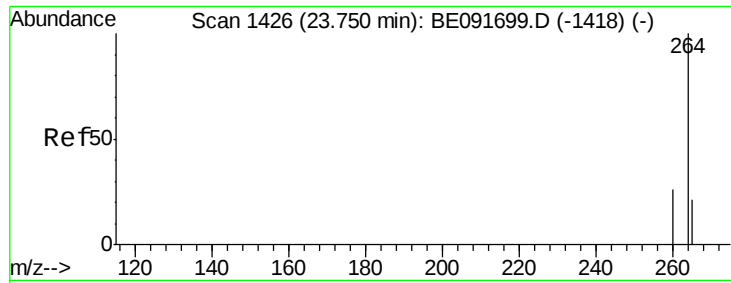
Tgt Ion:149 Resp: 10391
 Ion Ratio Lower Upper
 149 100
 167 25.1 19.5 29.3
 279 0.0 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.41 ng
 RT: 26.31 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BE091752.D
 Acq: 9 May 2016 10:54

Tgt Ion:276 Resp: 30788
 Ion Ratio Lower Upper
 276 100
 138 25.3 23.4 35.2
 277 24.9 19.8 29.8

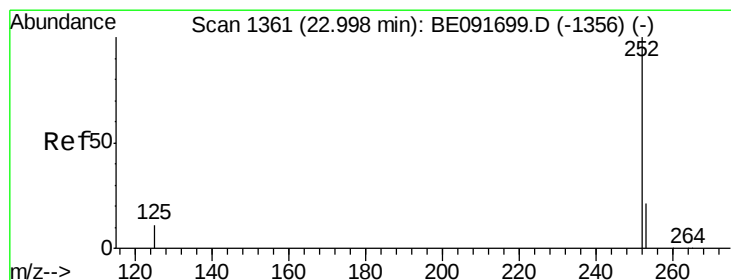
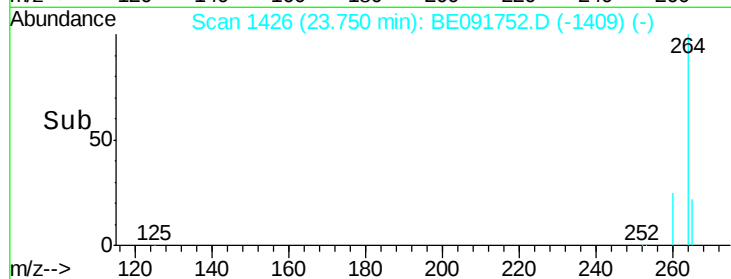
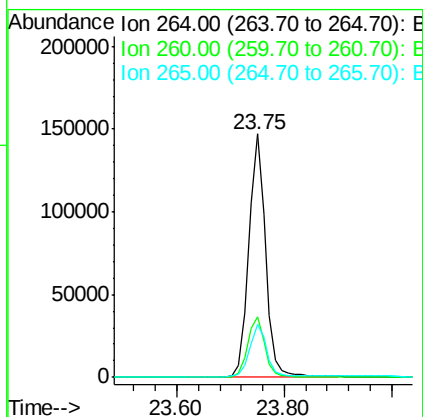
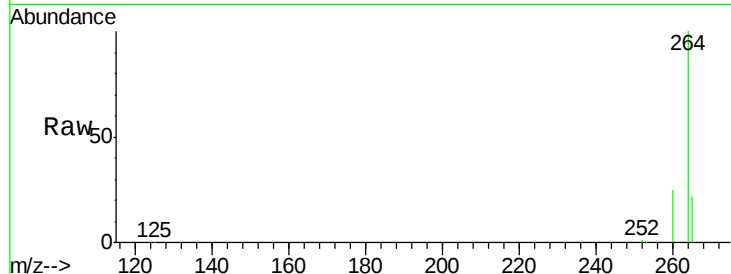




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.75 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BE091752.D
 Acq: 9 May 2016 10:54

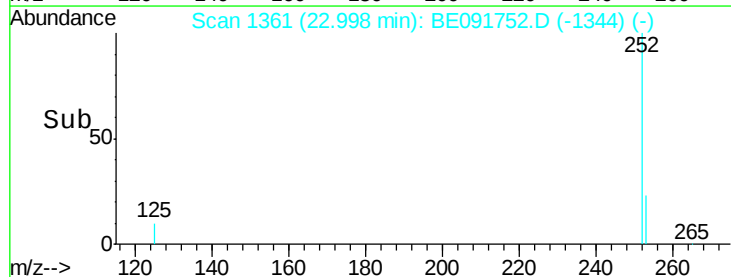
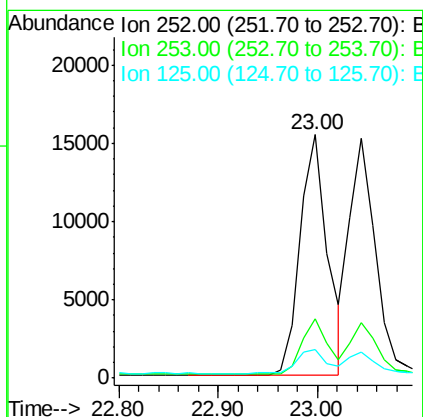
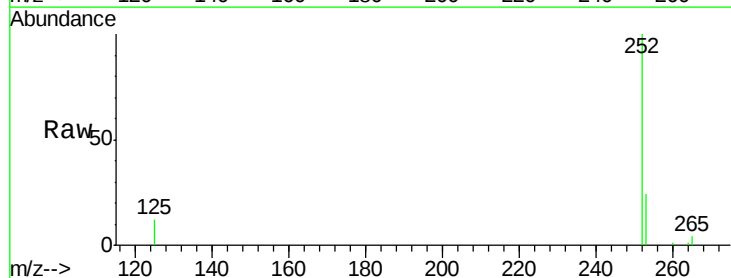
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

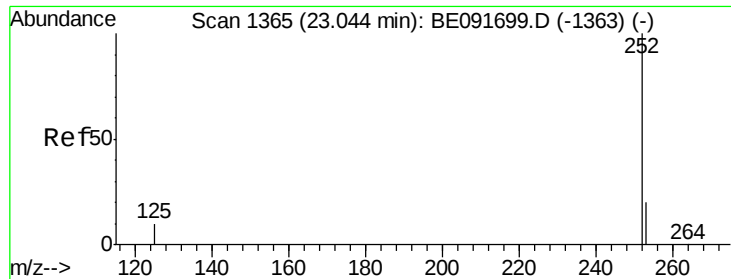
Tgt Ion: 264 Resp: 319162
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.0 30.0
 265 21.9 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 0.40 ng
 RT: 23.00 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BE091752.D
 Acq: 9 May 2016 10:54

Tgt Ion: 252 Resp: 29702
 Ion Ratio Lower Upper
 252 100
 253 24.1 17.4 26.0
 125 11.5 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 0.37 ng

RT: 23.04 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BE091752.D

Acq: 9 May 2016 10:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

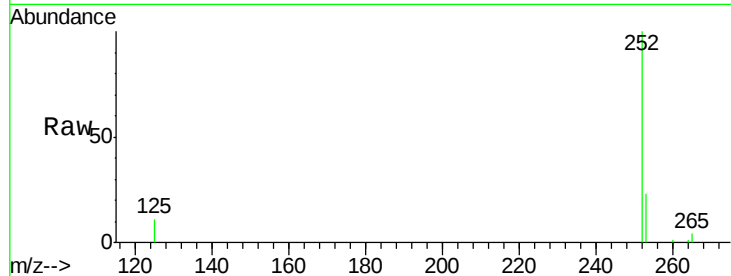
Tgt Ion:252 Resp: 28015

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

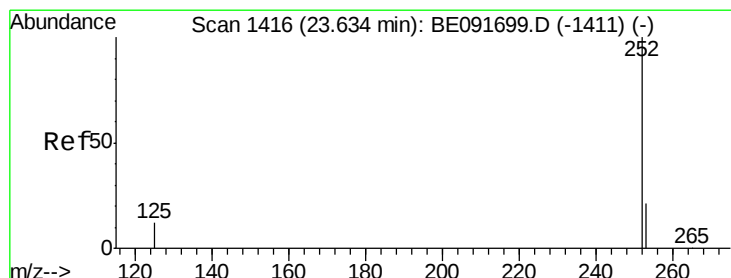
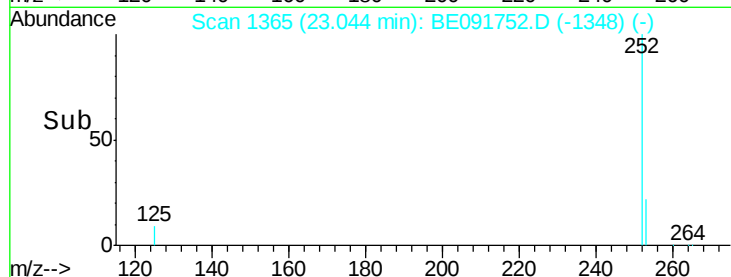
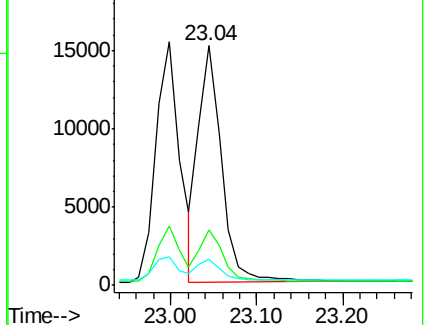
125 11.0 9.9 14.9



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



#38

Benzo(a)pyrene

Concen: 0.39 ng

RT: 23.63 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BE091752.D

Acq: 9 May 2016 10:54

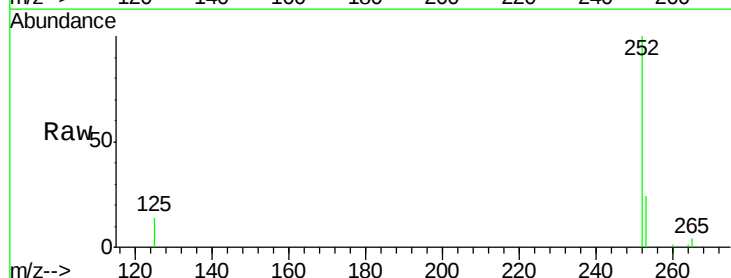
Tgt Ion:252 Resp: 27316

Ion Ratio Lower Upper

252 100

253 23.8 18.1 27.1

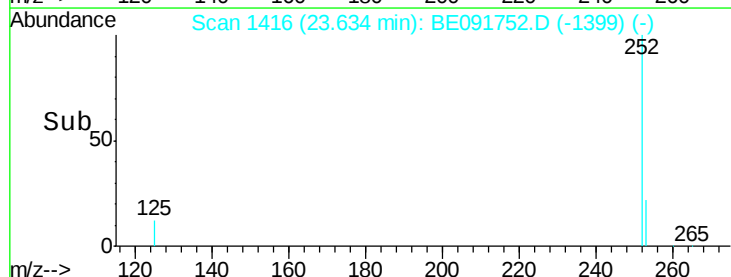
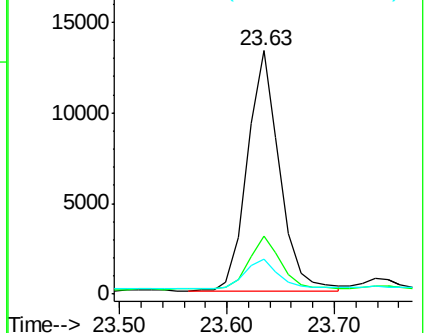
125 14.3 11.0 16.4

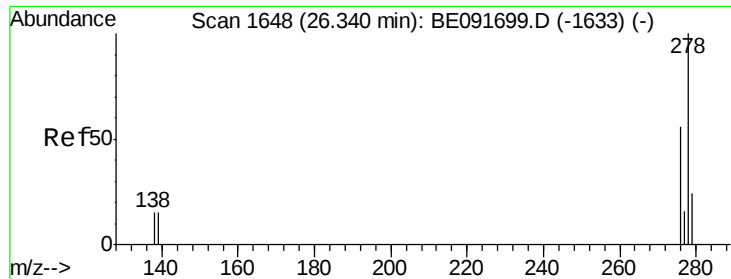


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.38 ng

RT: 26.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE091752.D

Acq: 9 May 2016 10:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

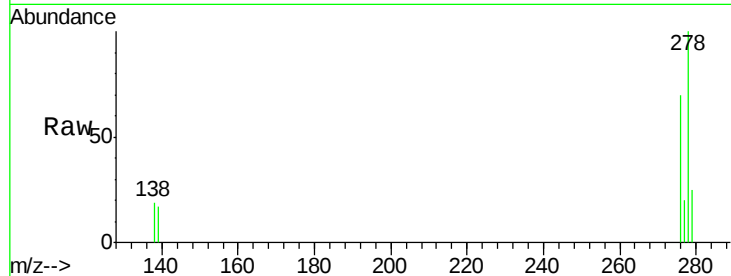
Tgt Ion: 278 Resp: 25510

Ion Ratio Lower Upper

278 100

139 17.1 16.0 24.0

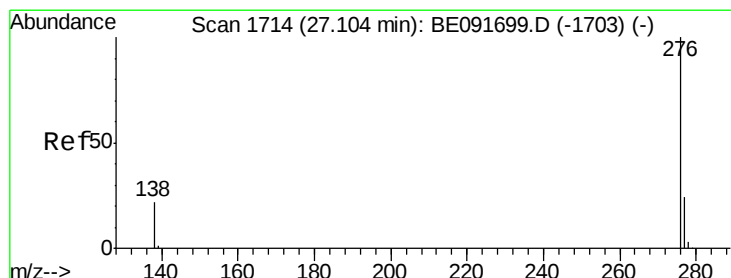
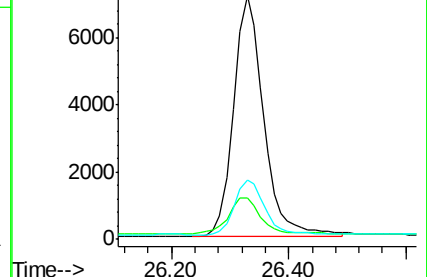
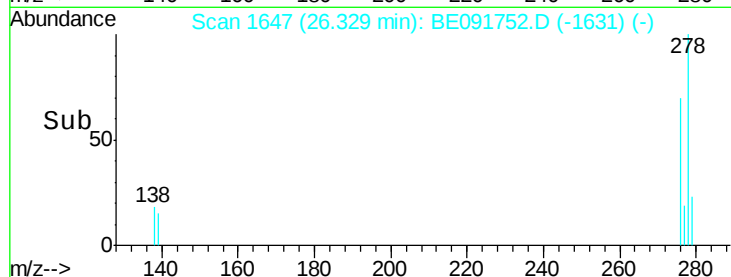
279 24.6 19.4 29.2



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: 0.39 ng

RT: 27.09 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BE091752.D

Acq: 9 May 2016 10:54

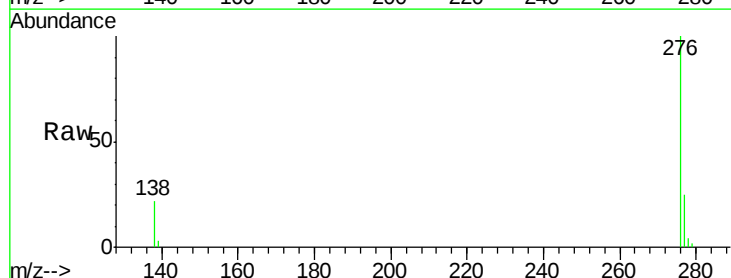
Tgt Ion: 276 Resp: 26711

Ion Ratio Lower Upper

276 100

277 25.0 18.6 28.0

138 22.0 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

