

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041216\
 Data File : BE091645.D
 Acq On : 12 Apr 2016 10:29
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Apr 13 00:58:57 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 16:48:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	46213	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	224039	5.00	ng	-0.02
13) Acenaphthene-d10	14.42	164	134907	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	353907	5.00	ng	0.00
26) Chrysene-d12	21.31	240	443943	5.00	ng	0.00
35) Perylene-d12	23.76	264	387325	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	4097	0.37	ng	0.00
5) Phenol-d6	6.97	99	5498	0.37	ng	0.00
8) Nitrobenzene-d5	8.96	82	4706	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.91	330	1899	0.62	ng	0.00
15) 2-Fluorobiphenyl	13.05	172	14719	0.39	ng	0.00
29) Terphenyl-d14	19.76	244	22195	0.40	ng	0.00

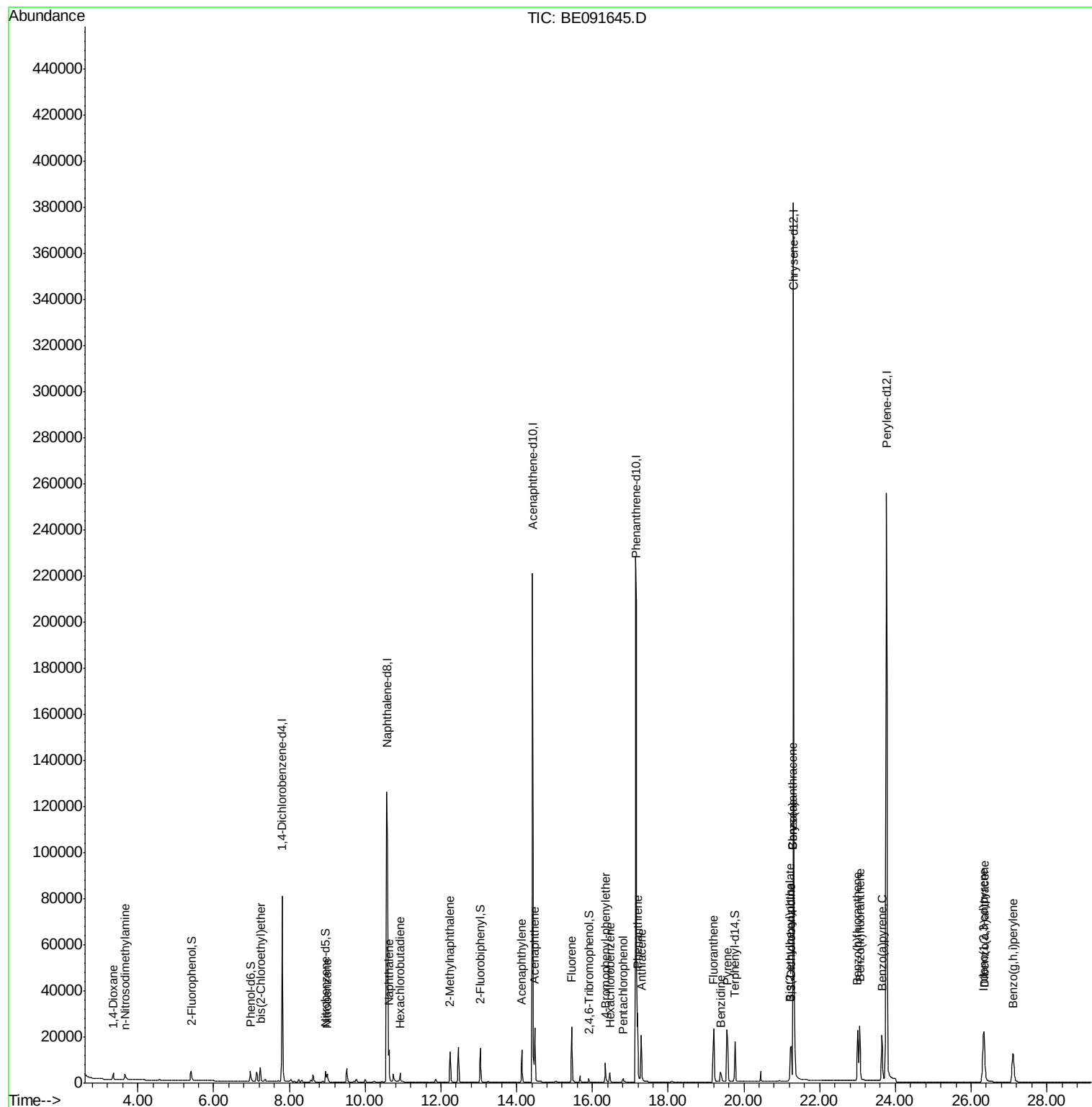
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	2239	0.36	ng	# 93
3) n-Nitrosodimethylamine	3.66	42	2639	0.37	ng	# 95
6) bis(2-Chloroethyl)ether	7.23	93	4929	0.39	ng	# 77
9) Nitrobenzene	9.00	77	4828	0.46	ng	96
10) Naphthalene	10.63	128	18245	0.39	ng	99
11) Hexachlorobutadiene	10.92	225	3184	0.47	ng	90
12) 2-Methylnaphthalene	12.24	142	11392	0.39	ng	94
16) Acenaphthylene	14.14	152	19535	0.37	ng	# 77
17) Acenaphthene	14.47	154	13442	0.41	ng	91
18) Fluorene	15.46	166	15876	0.38	ng	98
20) 4-Bromophenyl-phenylether	16.34	248	4376	0.35	ng	97
21) Hexachlorobenzene	16.46	284	4805	0.37	ng	99
22) Pentachlorophenol	16.81	266	1612	0.46	ng	91
23) Phenanthrene	17.19	178	30206	0.37	ng	99
24) Anthracene	17.29	178	25621	0.36	ng	99
25) Fluoranthene	19.21	202	29956	0.35	ng	97
27) Benzidine	19.38	184	9921	0.54	ng	# 78
28) Pyrene	19.55	202	31777	0.36	ng	99
30) Benzo(a)anthracene	21.29	228	77004	0.78	ng	98
31) 3,3'-Dichlorobenzidine	21.24	252	18575	0.41	ng	# 82
32) Chrysene	21.29	228	77488	0.86	ng	96
33) Bis(2-ethylhexyl)phthalate	21.22	149	11173	0.41	ng	# 80
34) Indeno(1,2,3-cd)pyrene	26.32	276	37645	0.37	ng	96
36) Benzo(b)fluoranthene	23.00	252	36975	0.41	ng	99
37) Benzo(k)fluoranthene	23.06	252	32112	0.36	ng	97
38) Benzo(a)pyrene	23.64	252	31670	0.38	ng	98
39) Dibenzo(a,h)anthracene	26.34	278	30898	0.38	ng	97
40) Benzo(g,h,i)perylene	27.10	276	31793	0.38	ng	97

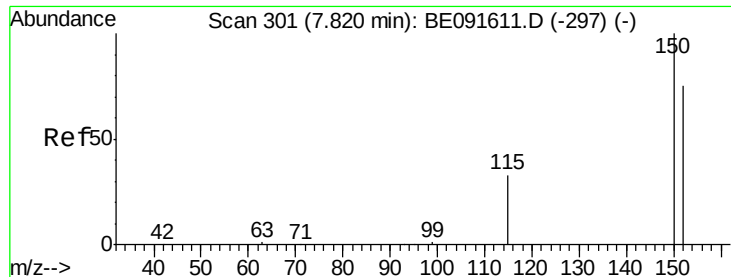
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.02 min

Lab File: BE091645.D

Acq: 12 Apr 2016 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

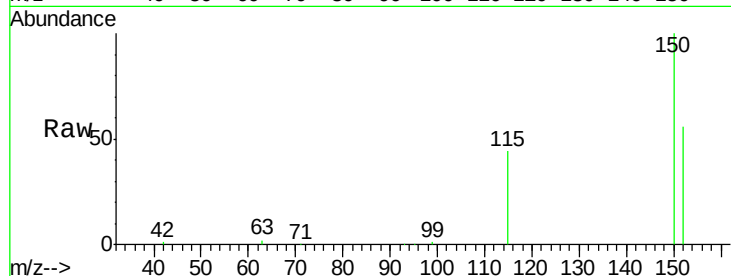
Tgt Ion:152 Resp: 46213

Ion Ratio Lower Upper

152 100

150 178.7 122.6 183.8

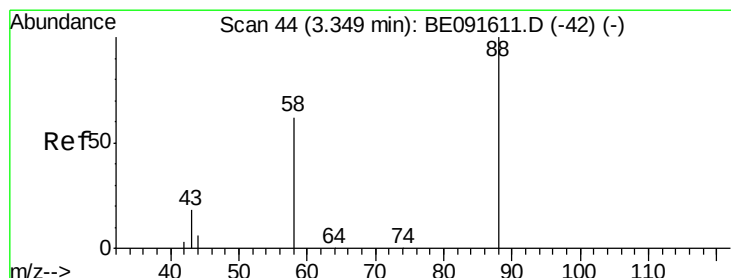
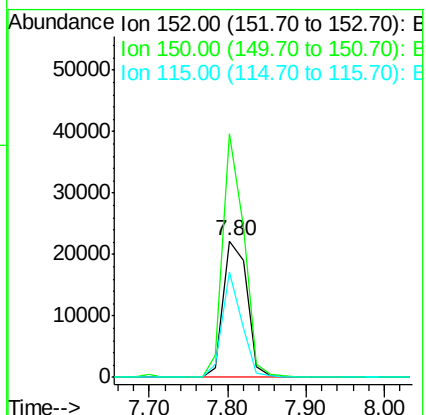
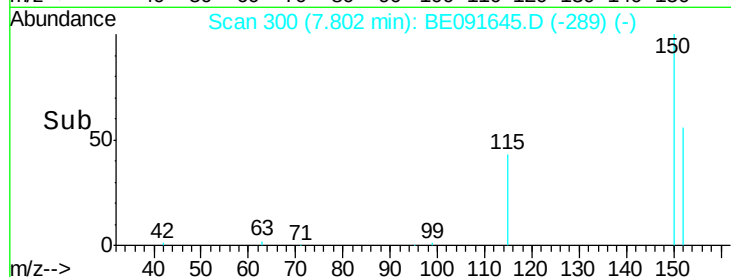
115 77.7 52.8 79.2



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: 0.36 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE091645.D

Acq: 12 Apr 2016 10:29

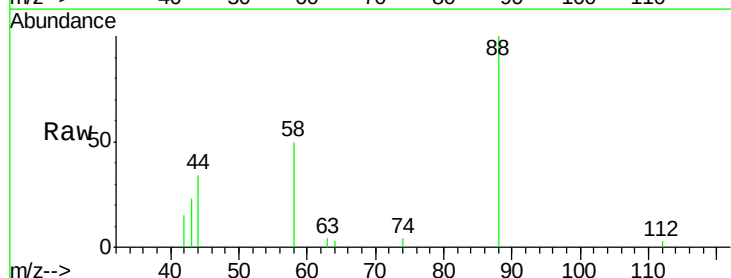
Tgt Ion: 88 Resp: 2239

Ion Ratio Lower Upper

88 100

58 77.9 65.8 98.6

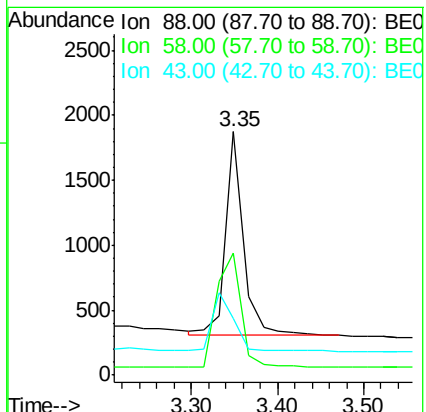
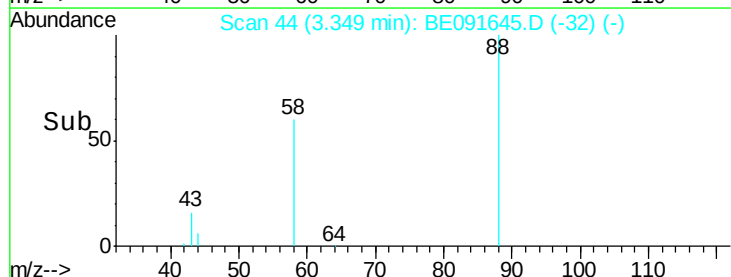
43 38.2 25.3 37.9#

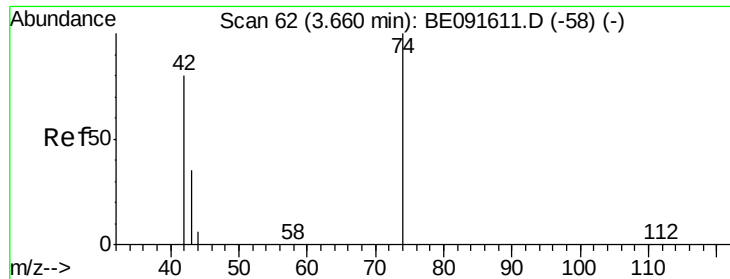


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.37 ng

RT: 3.66 min Scan# 62

Delta R.T. 0.00 min

Lab File: BE091645.D

Acq: 12 Apr 2016 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

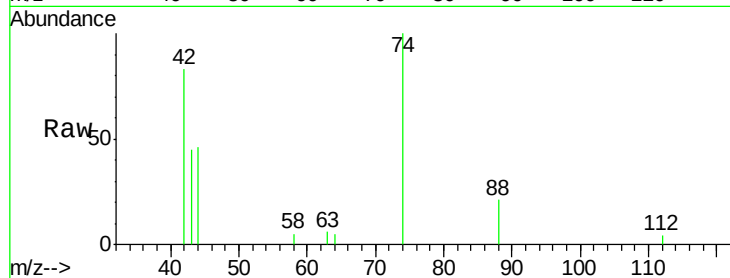
Tgt Ion: 42 Resp: 2639

Ion Ratio Lower Upper

42 100

74 104.9 87.9 131.9

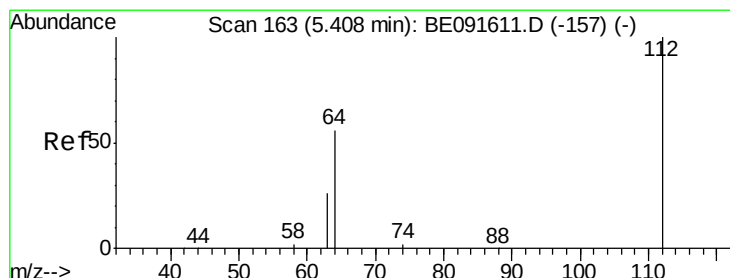
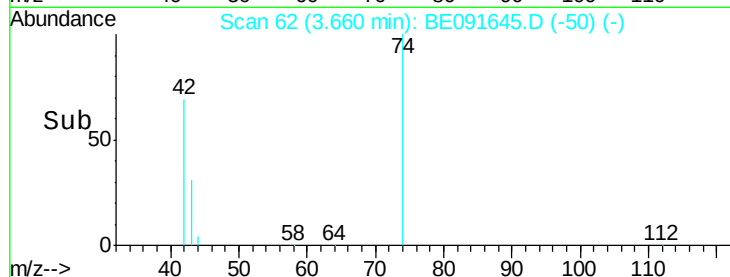
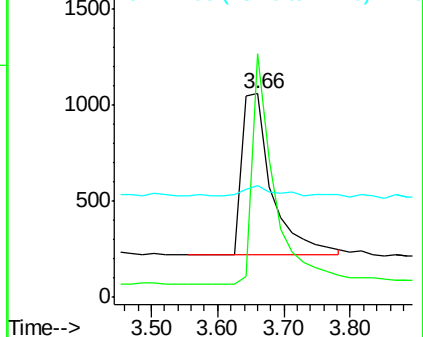
44 6.1 6.6 9.8#



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: 0.37 ng

RT: 5.41 min Scan# 163

Delta R.T. 0.00 min

Lab File: BE091645.D

Acq: 12 Apr 2016 10:29

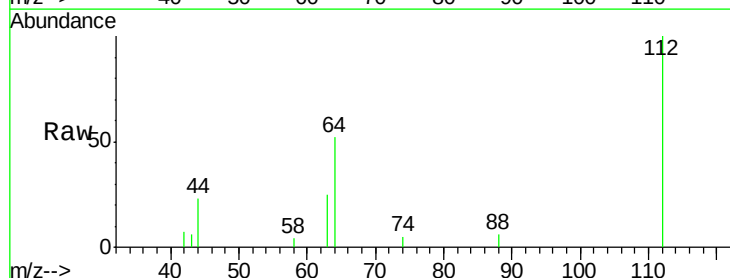
Tgt Ion: 112 Resp: 4097

Ion Ratio Lower Upper

112 100

64 68.2 30.9 46.3#

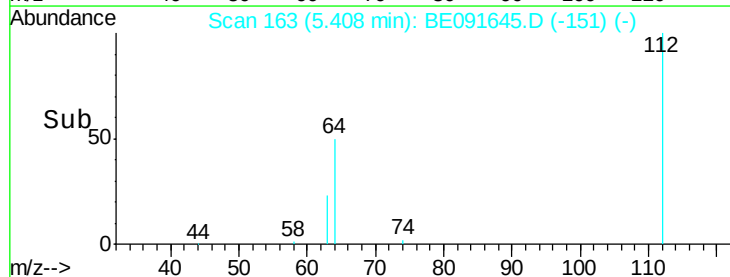
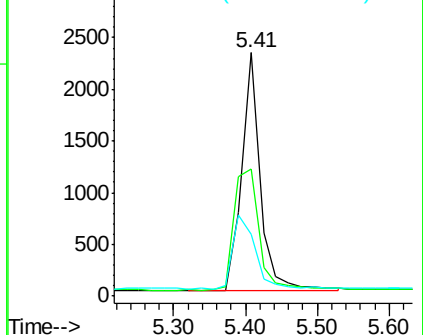
63 36.9 16.7 25.1#

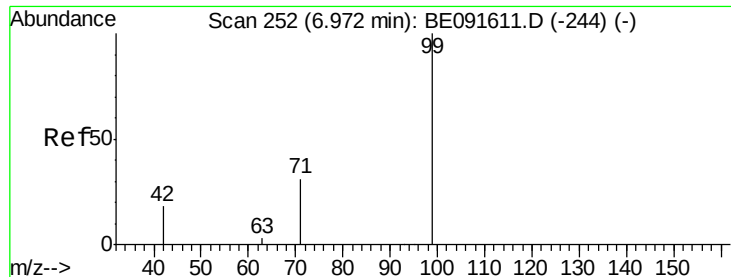


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.37 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091645.D

Acq: 12 Apr 2016 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

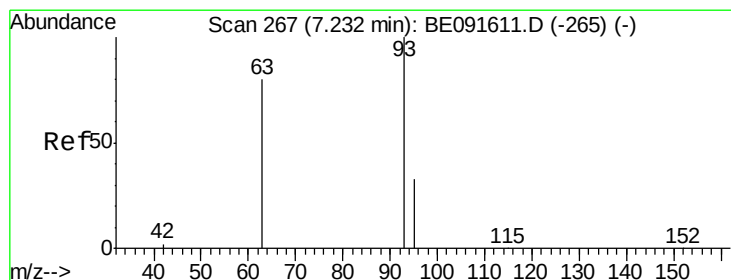
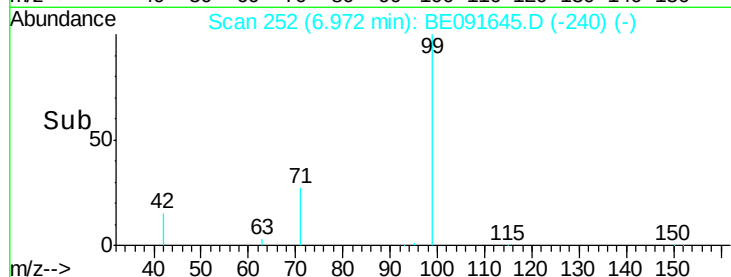
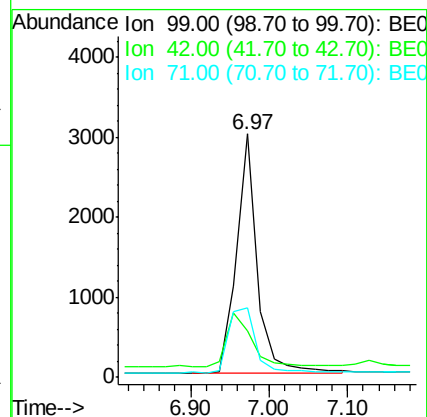
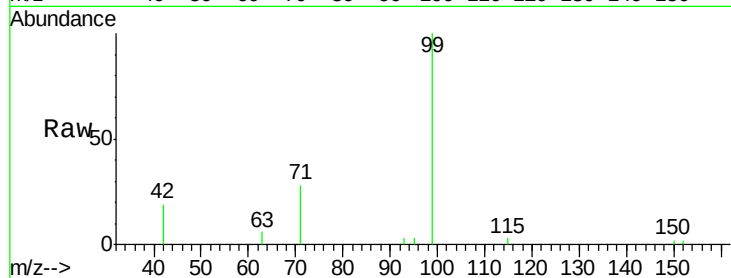
Tgt Ion: 99 Resp: 5498

Ion Ratio Lower Upper

99 100

42 27.3 16.2 24.2#

71 35.4 29.0 43.4



#6

bis(2-Chloroethyl)ether

Concen: 0.39 ng

RT: 7.23 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE091645.D

Acq: 12 Apr 2016 10:29

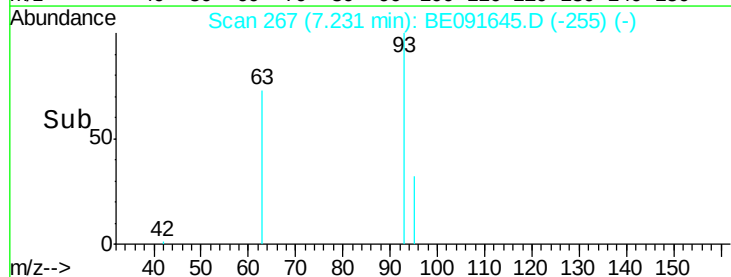
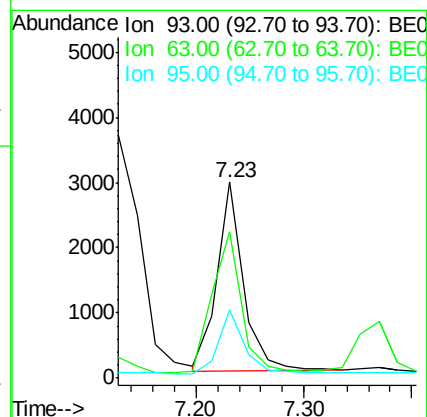
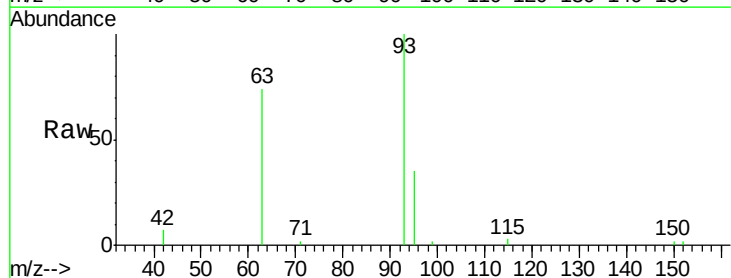
Tgt Ion: 93 Resp: 4929

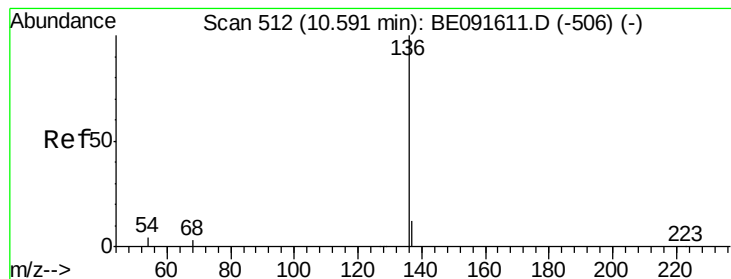
Ion Ratio Lower Upper

93 100

63 84.2 49.5 74.3#

95 32.2 22.2 33.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. -0.02 min

Lab File: BE091645.D

Acq: 12 Apr 2016 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 224039

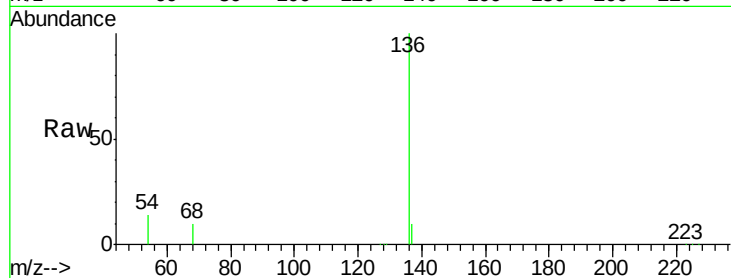
Ion Ratio Lower Upper

136 100

137 9.6 8.9 13.3

54 14.5 8.2 12.4#

68 9.5 6.2 9.4#

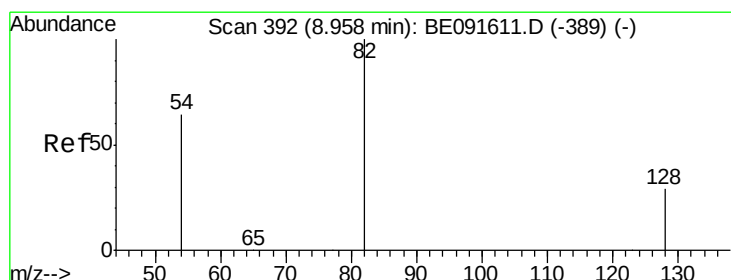
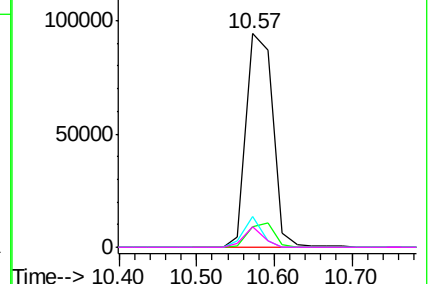
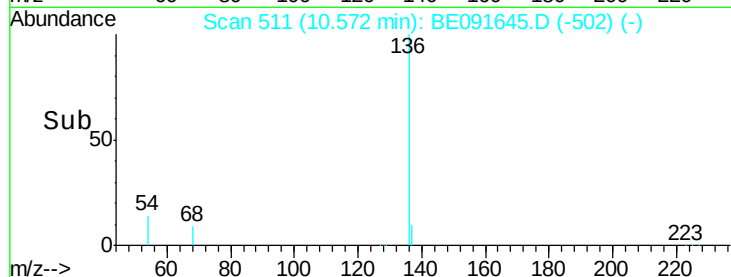


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.36 ng

RT: 8.96 min Scan# 392

Delta R.T. 0.00 min

Lab File: BE091645.D

Acq: 12 Apr 2016 10:29

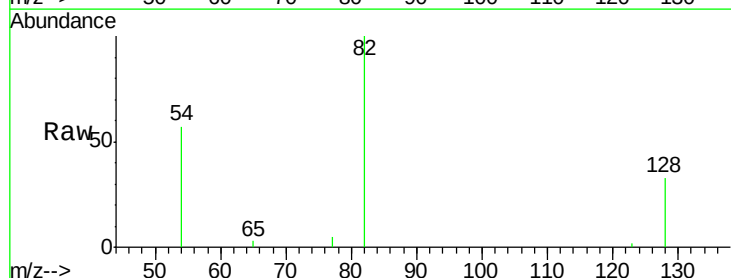
Tgt Ion: 82 Resp: 4706

Ion Ratio Lower Upper

82 100

128 32.8 25.4 38.0

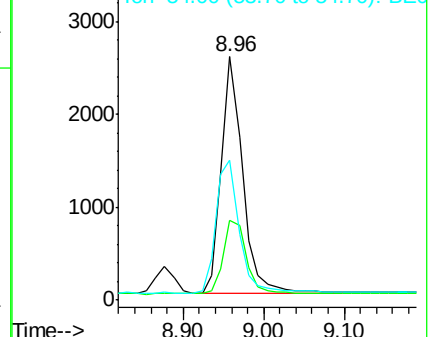
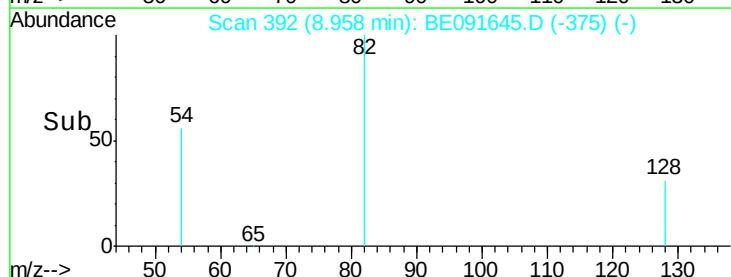
54 57.2 48.4 72.6

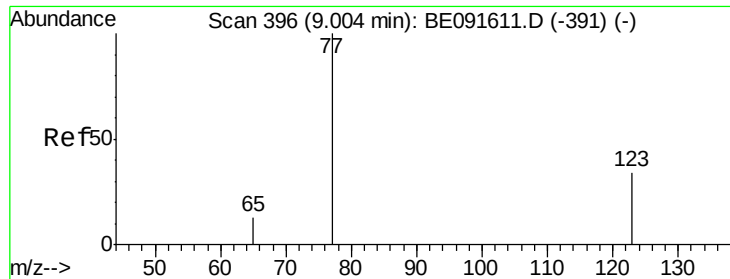


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.46 ng

RT: 9.00 min Scan# 396

Delta R.T. 0.00 min

Lab File: BE091645.D

Acq: 12 Apr 2016 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

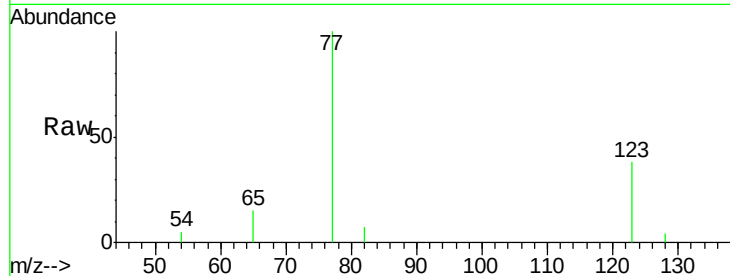
Tgt Ion: 77 Resp: 4828

Ion Ratio Lower Upper

77 100

123 35.4 26.9 40.3

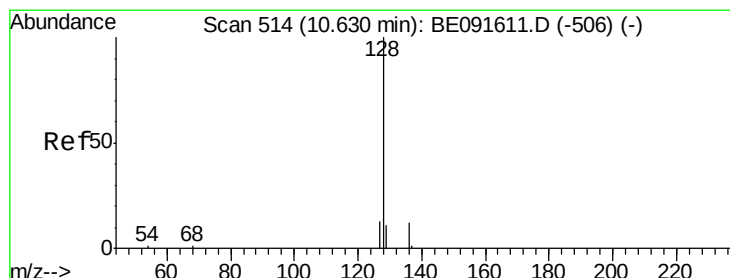
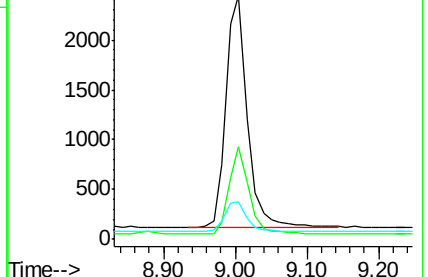
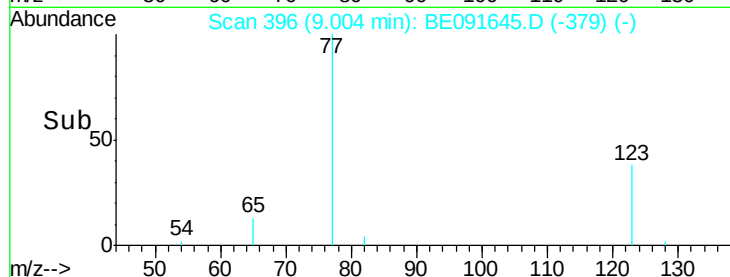
65 14.1 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE091611.D (-391) (-)

Ion 123.00 (122.70 to 123.70): BE091611.D (-391) (-)

Ion 65.00 (64.70 to 65.70): BE091611.D (-391) (-)



#10

Naphthalene

Concen: 0.39 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE091645.D

Acq: 12 Apr 2016 10:29

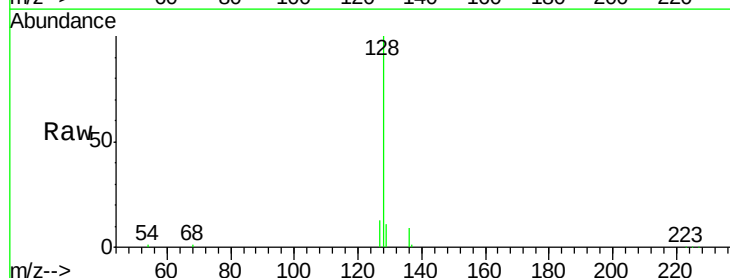
Tgt Ion: 128 Resp: 18245

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

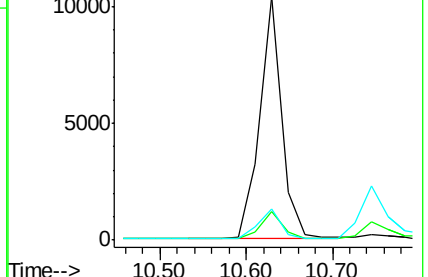
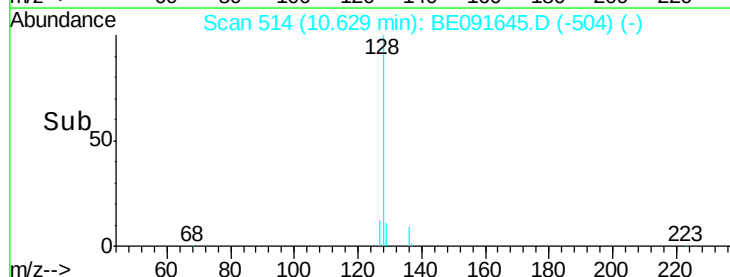
127 12.7 10.7 16.1

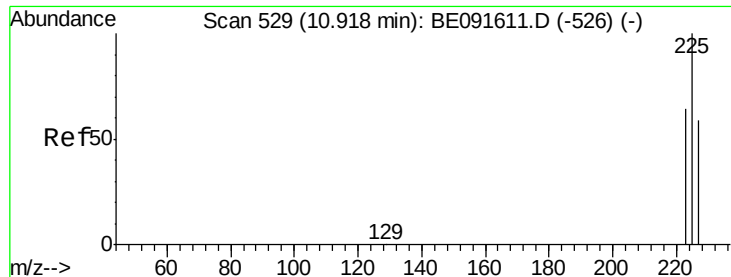


Abundance Ion 128.00 (127.70 to 128.70): BE091611.D (-506) (-)

Ion 129.00 (128.70 to 129.70): BE091611.D (-506) (-)

Ion 127.00 (126.70 to 127.70): BE091611.D (-506) (-)

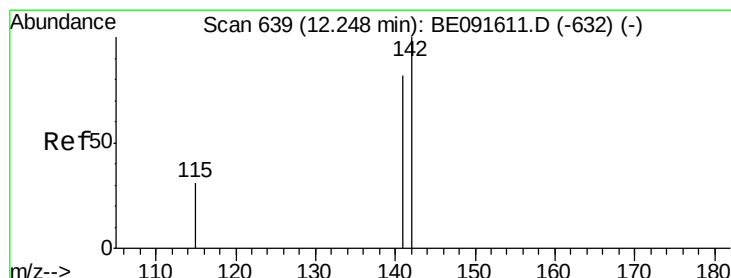
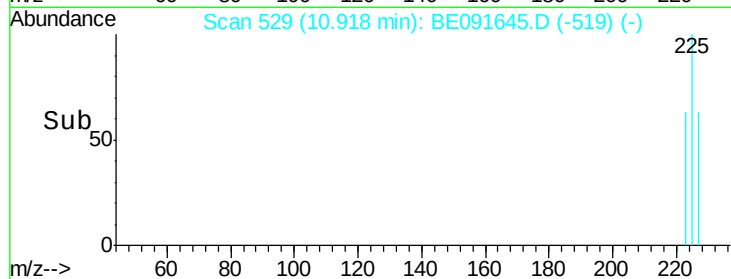
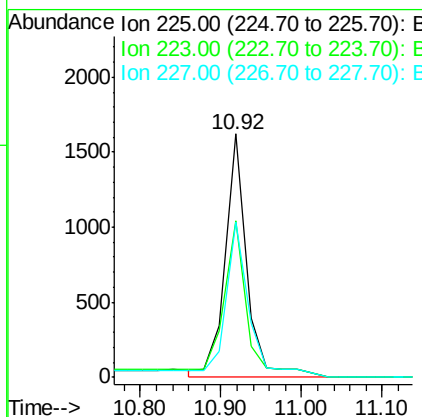
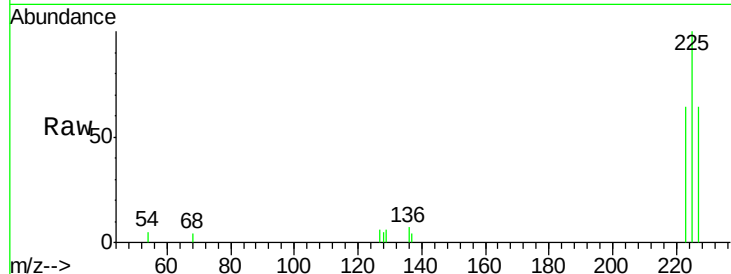




#11
Hexachlorobutadiene
Concen: 0.47 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091645.D
Acq: 12 Apr 2016 10:29

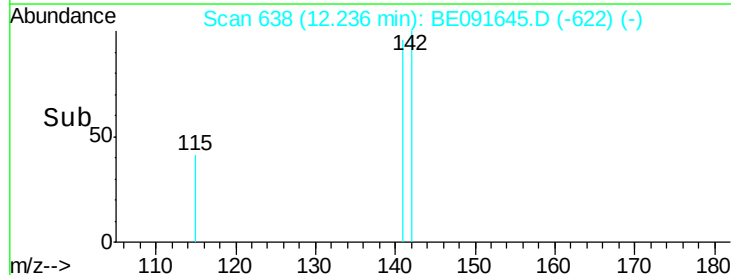
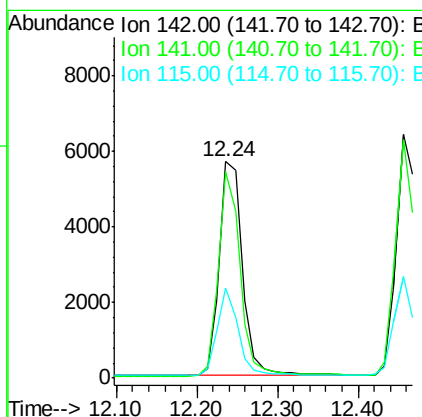
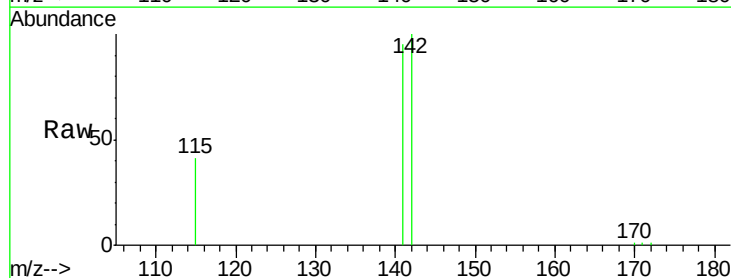
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

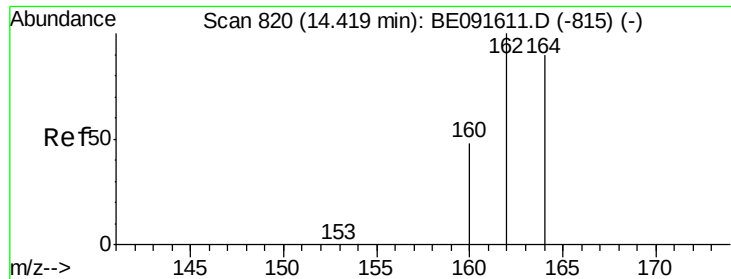
Tgt Ion: 225 Resp: 3184
Ion Ratio Lower Upper
225 100
223 68.8 49.0 73.6
227 70.1 50.3 75.5



#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.24 min Scan# 638
Delta R.T. -0.01 min
Lab File: BE091645.D
Acq: 12 Apr 2016 10:29

Tgt Ion: 142 Resp: 11392
Ion Ratio Lower Upper
142 100
141 95.4 71.4 107.0
115 41.4 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. 0.00 min

Lab File: BE091645.D

Acq: 12 Apr 2016 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

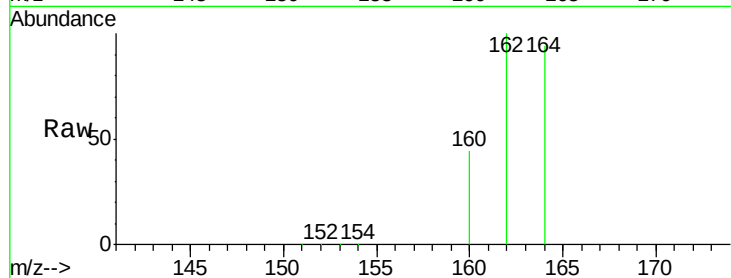
Tgt Ion:164 Resp: 134907

Ion Ratio Lower Upper

164 100

162 106.2 85.3 127.9

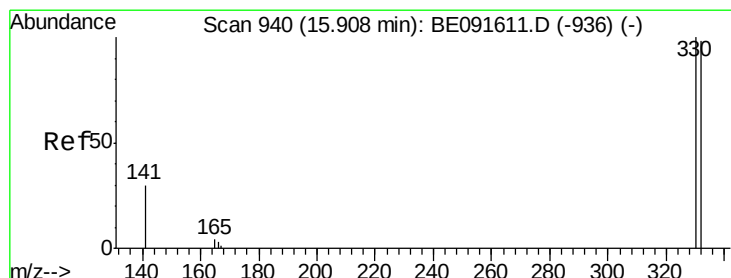
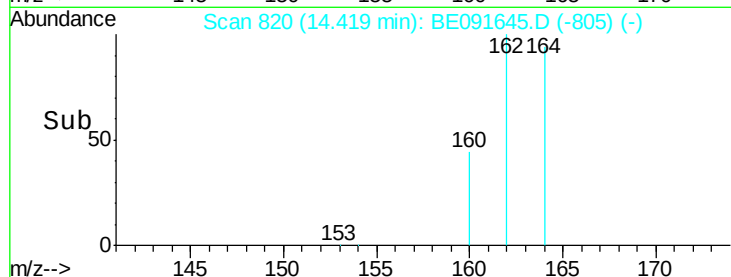
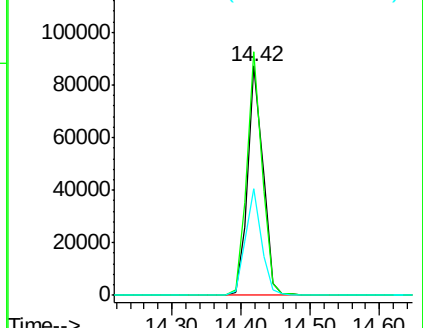
160 46.8 46.2 69.2



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: 0.62 ng

RT: 15.91 min Scan# 940

Delta R.T. 0.00 min

Lab File: BE091645.D

Acq: 12 Apr 2016 10:29

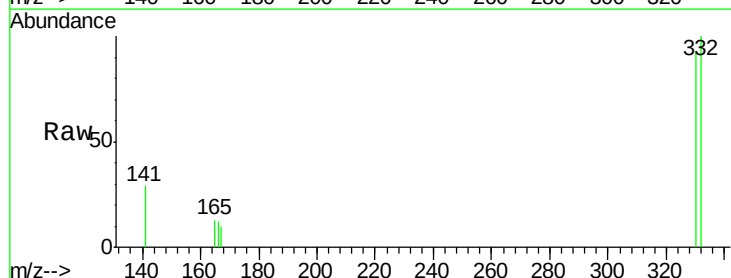
Tgt Ion:330 Resp: 1899

Ion Ratio Lower Upper

330 100

332 99.2 79.1 118.7

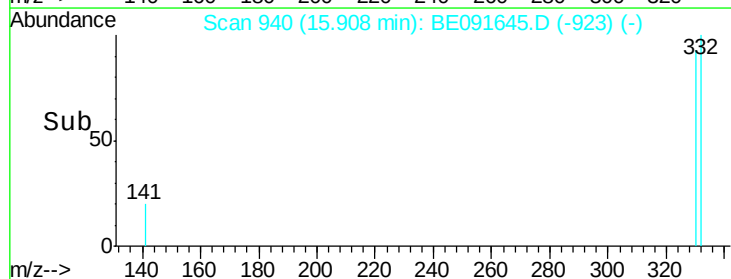
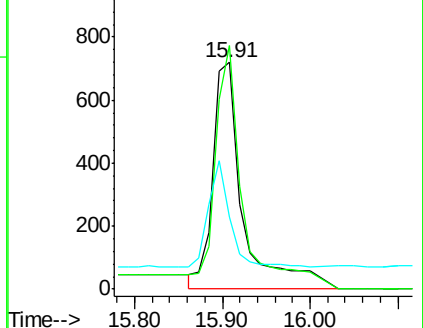
141 29.8 125.4 188.0#

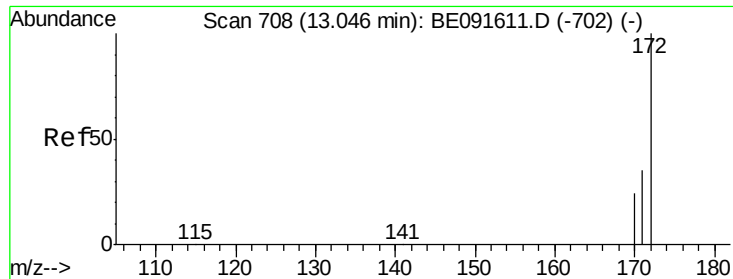


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

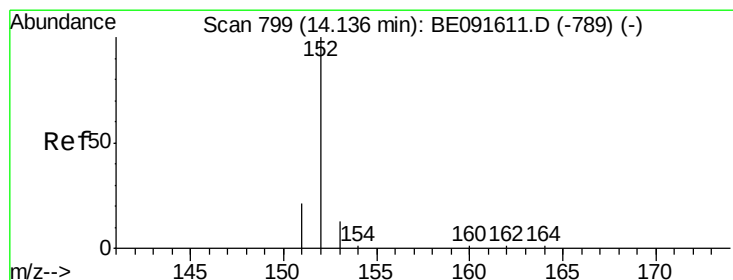
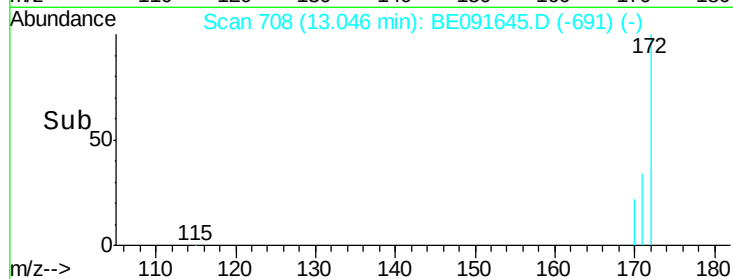
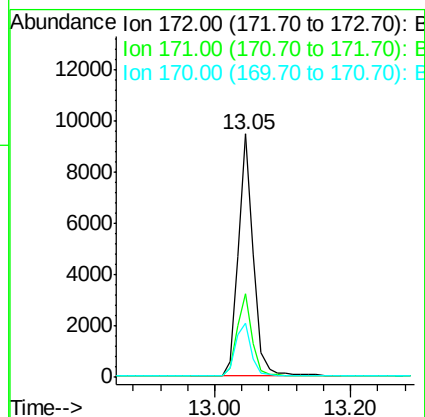
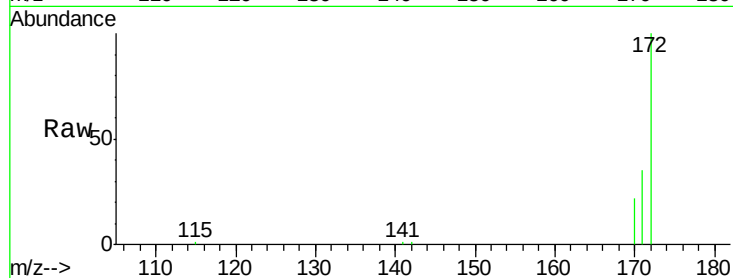




#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091645.D
Acq: 12 Apr 2016 10:29

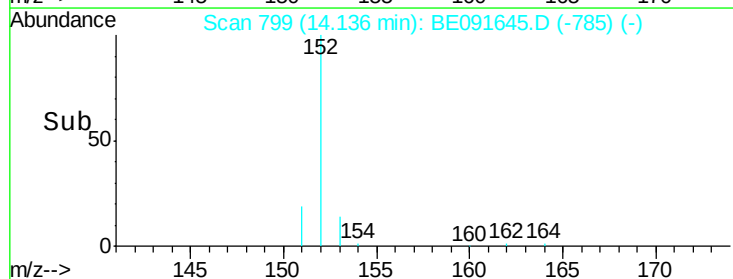
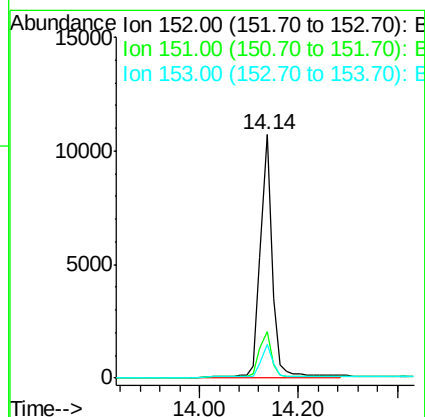
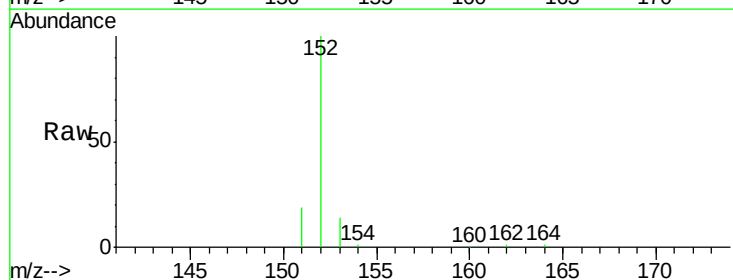
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

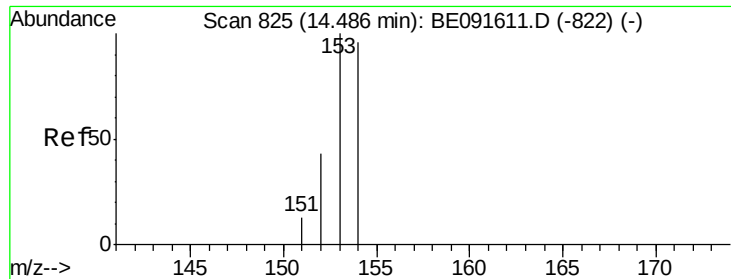
Tgt Ion:172 Resp: 14719
Ion Ratio Lower Upper
172 100
171 34.5 28.8 43.2
170 22.3 19.3 28.9



#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.14 min Scan# 799
Delta R.T. 0.00 min
Lab File: BE091645.D
Acq: 12 Apr 2016 10:29

Tgt Ion:152 Resp: 19535
Ion Ratio Lower Upper
152 100
151 23.0 3.9 5.9#
153 17.2 10.3 15.5#

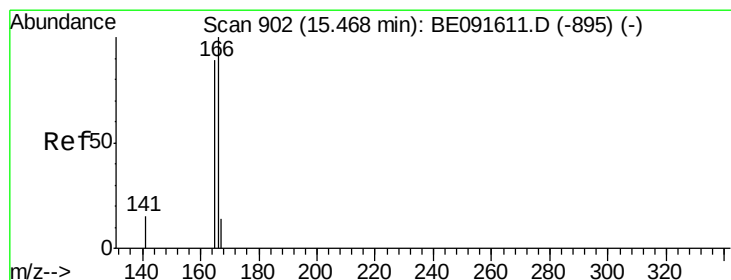
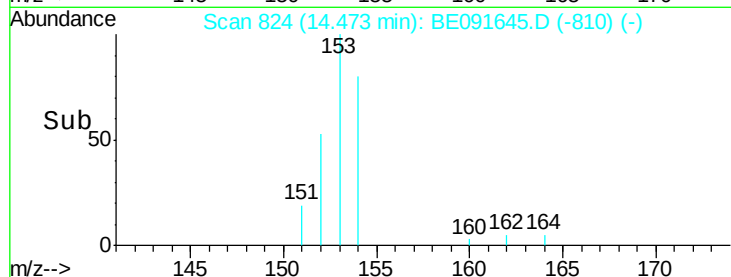
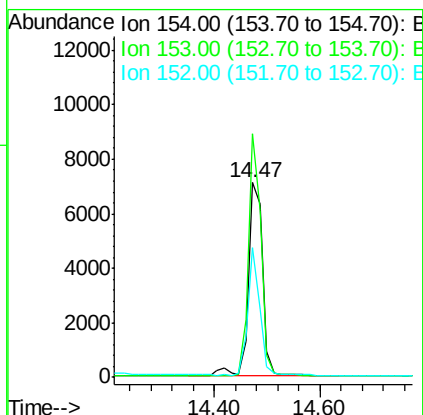
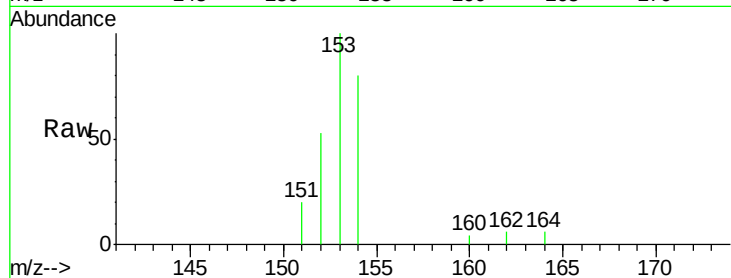




#17
Acenaphthene
Concen: 0.41 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE091645.D
Acq: 12 Apr 2016 10:29

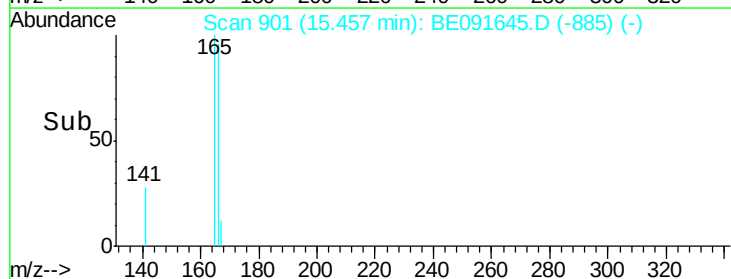
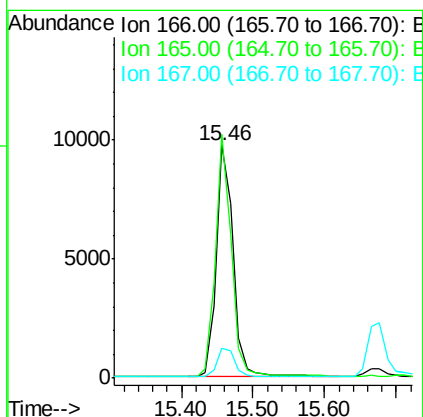
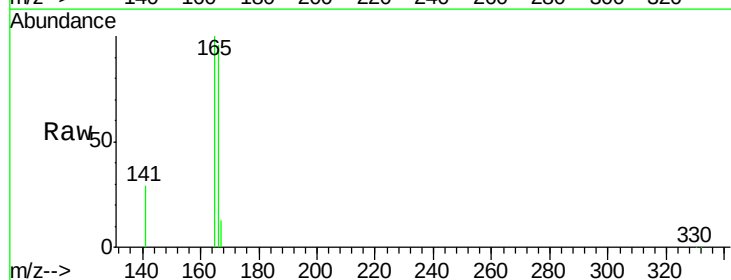
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

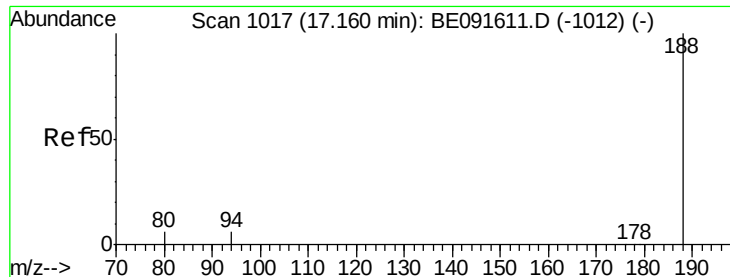
Tgt Ion:154 Resp: 13442
Ion Ratio Lower Upper
154 100
153 109.6 80.0 120.0
152 54.4 40.0 60.0



#18
Fluorene
Concen: 0.38 ng
RT: 15.46 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE091645.D
Acq: 12 Apr 2016 10:29

Tgt Ion:166 Resp: 15876
Ion Ratio Lower Upper
166 100
165 98.7 80.8 121.2
167 13.5 10.9 16.3

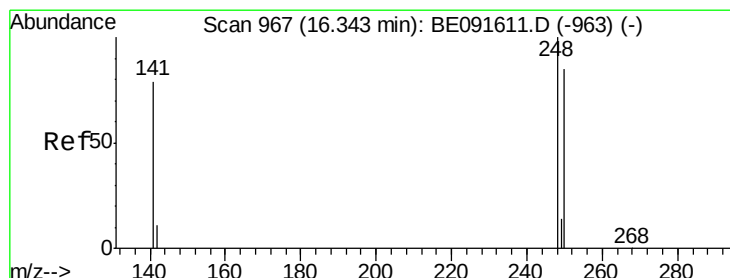
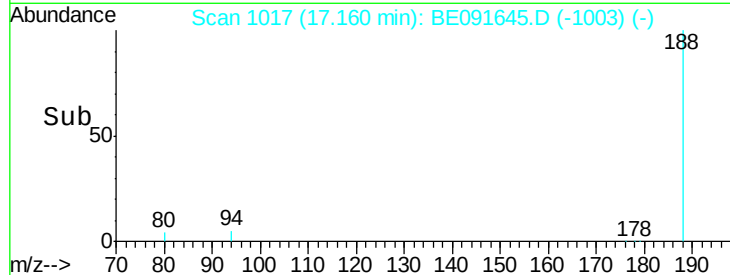
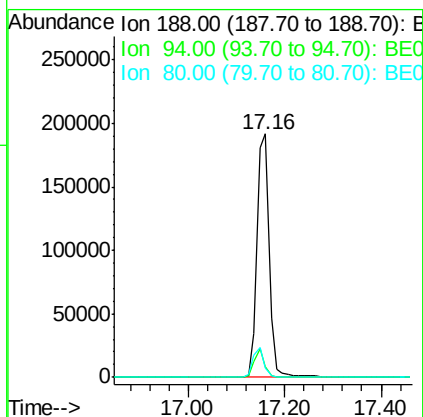
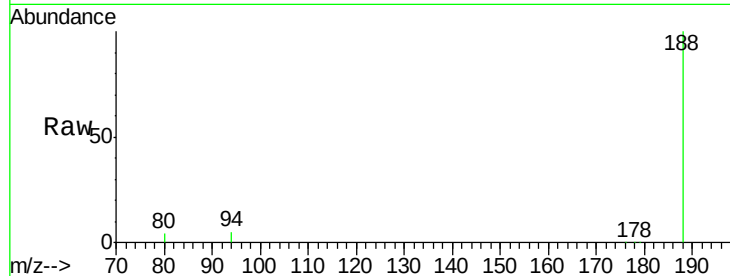




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE091645.D
Acq: 12 Apr 2016 10:29

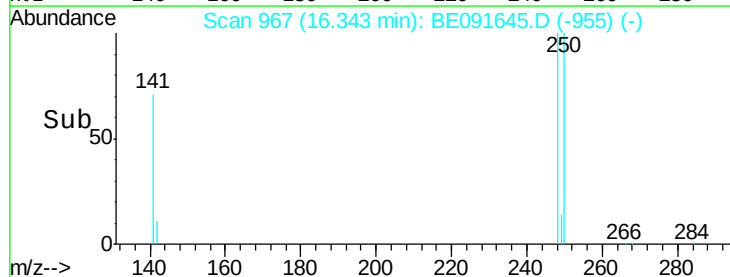
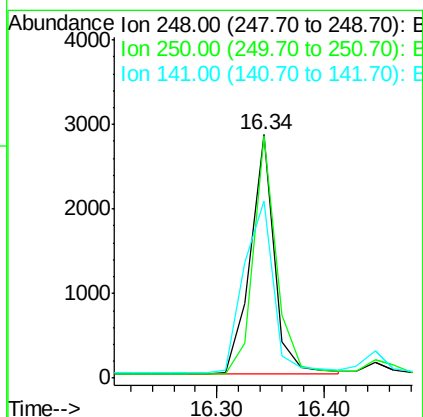
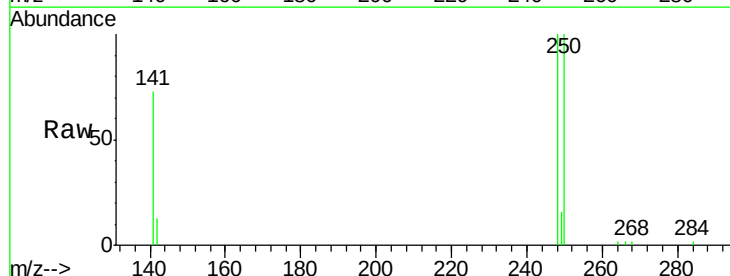
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

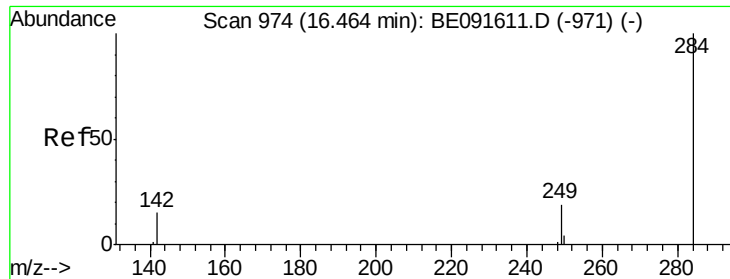
Tgt Ion:188 Resp: 353907
Ion Ratio Lower Upper
188 100
94 4.6 8.7 13.1#
80 3.8 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 0.35 ng
RT: 16.34 min Scan# 967
Delta R.T. 0.00 min
Lab File: BE091645.D
Acq: 12 Apr 2016 10:29

Tgt Ion:248 Resp: 4376
Ion Ratio Lower Upper
248 100
250 97.3 80.5 120.7
141 86.8 72.0 108.0

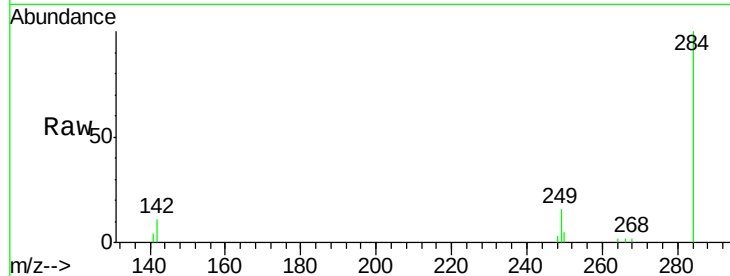




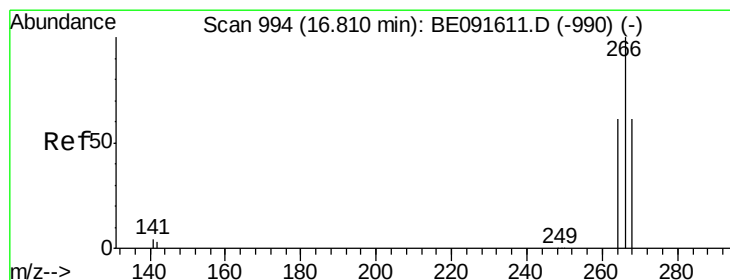
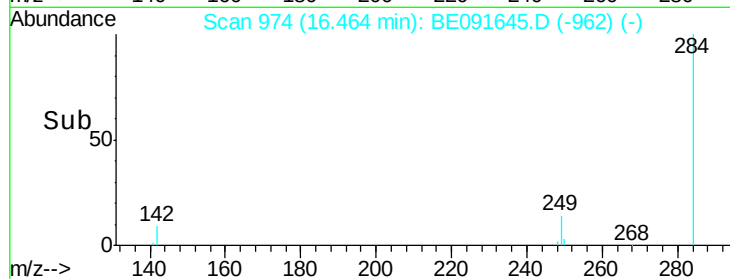
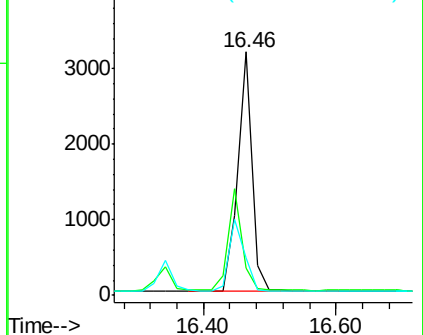
#21
Hexachlorobenzene
Concen: 0.37 ng
RT: 16.46 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091645.D
Acq: 12 Apr 2016 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 284 Resp: 4805
Ion Ratio Lower Upper
284 100
142 40.6 32.2 48.2
249 32.5 25.4 38.2

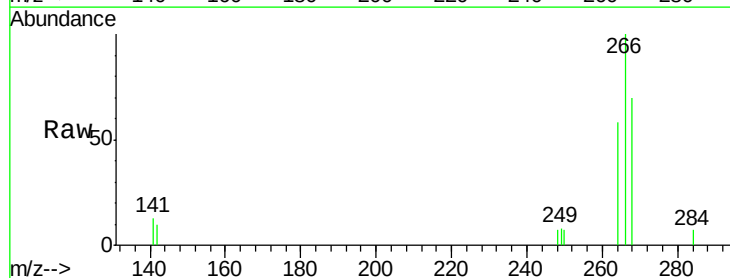


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

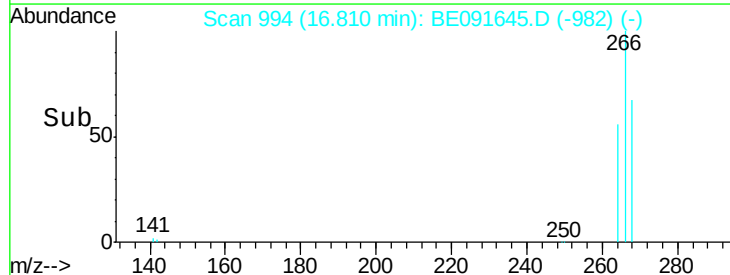
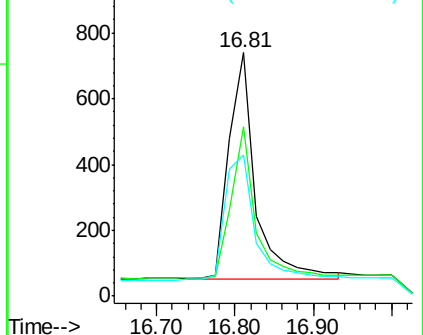


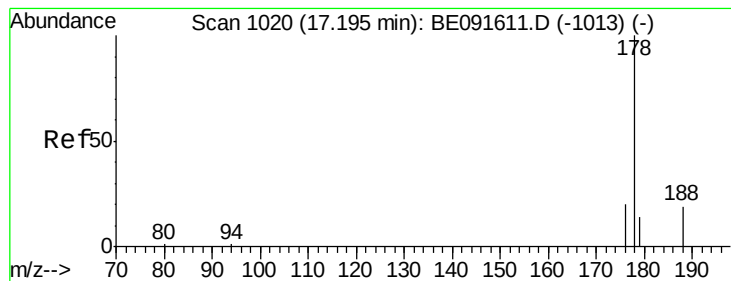
#22
Pentachlorophenol
Concen: 0.46 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE091645.D
Acq: 12 Apr 2016 10:29

Tgt Ion: 266 Resp: 1612
Ion Ratio Lower Upper
266 100
268 69.6 58.2 87.2
264 58.2 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: 0.37 ng

RT: 17.19 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BE091645.D

Acq: 12 Apr 2016 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

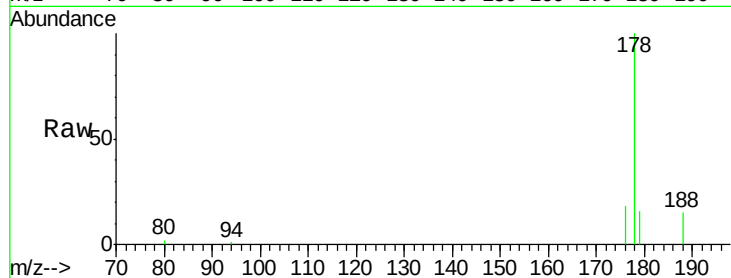
Tgt Ion:178 Resp: 30206

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

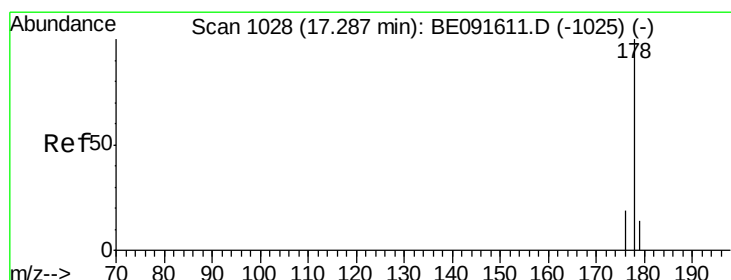
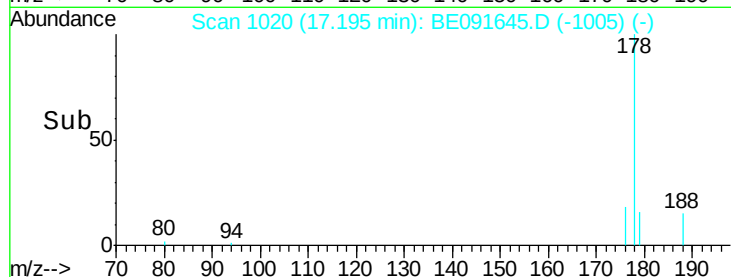
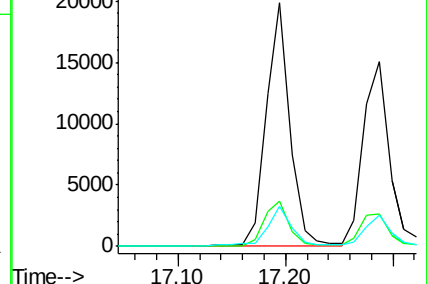
179 16.1 12.6 18.8



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: 0.36 ng

RT: 17.29 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE091645.D

Acq: 12 Apr 2016 10:29

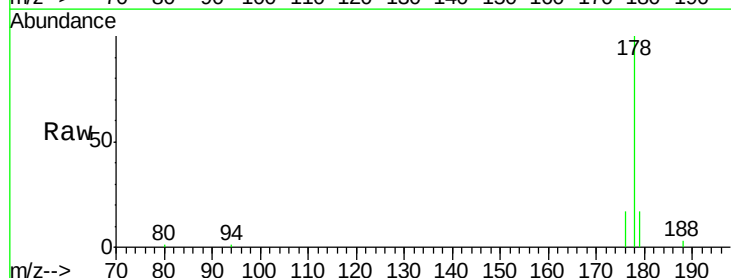
Tgt Ion:178 Resp: 25621

Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

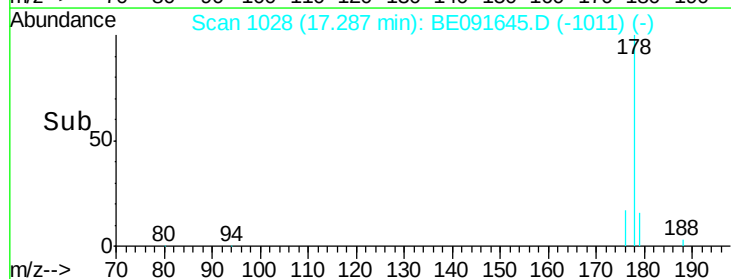
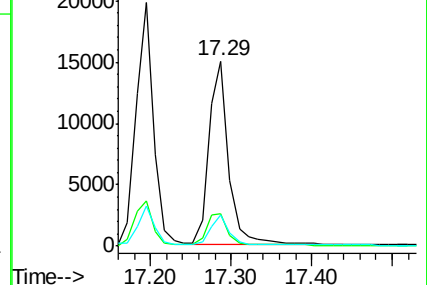
179 15.1 11.8 17.6

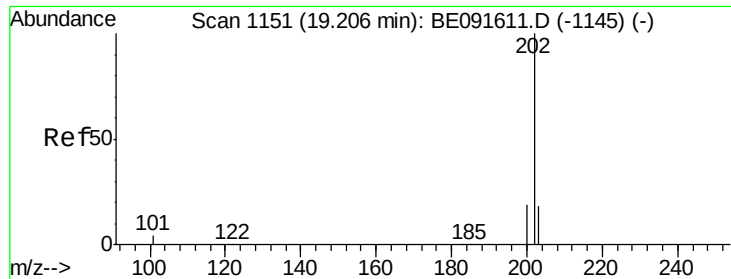


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.35 ng

RT: 19.21 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BE091645.D

Acq: 12 Apr 2016 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

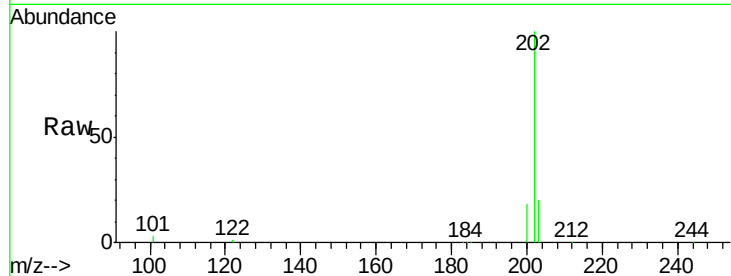
Tgt Ion:202 Resp: 29956

Ion Ratio Lower Upper

202 100

101 11.4 11.0 16.6

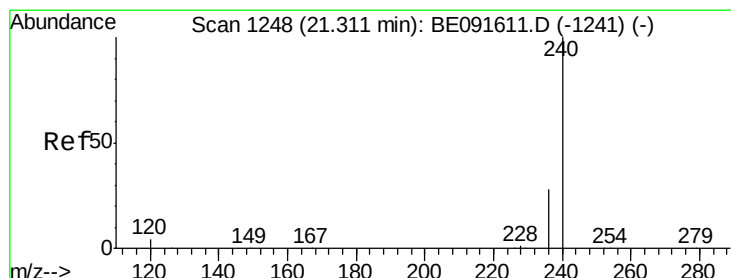
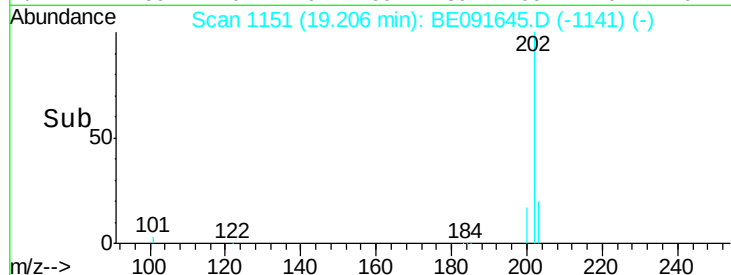
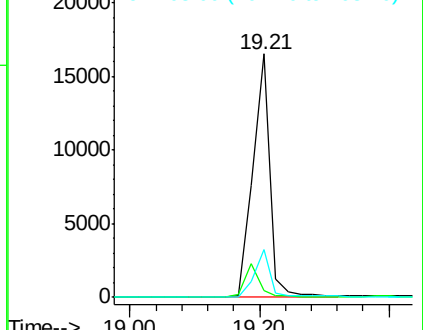
203 17.9 13.9 20.9



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: BE091645.D

Acq: 12 Apr 2016 10:29

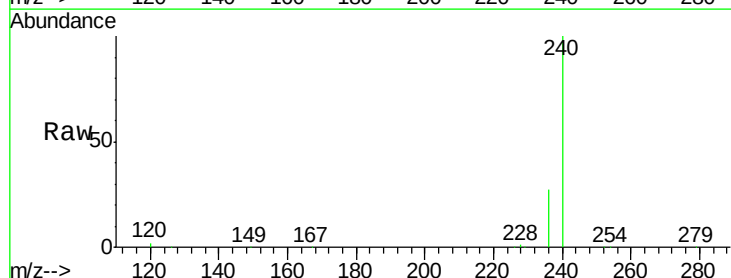
Tgt Ion:240 Resp: 443943

Ion Ratio Lower Upper

240 100

120 2.3 11.0 16.4#

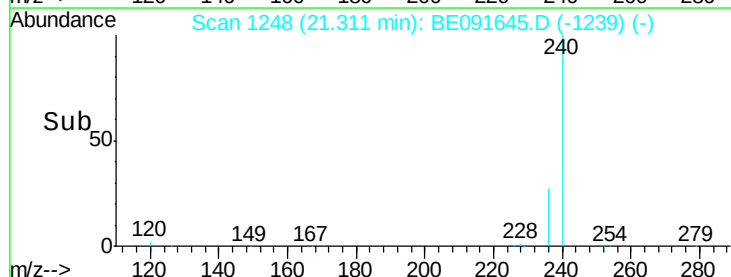
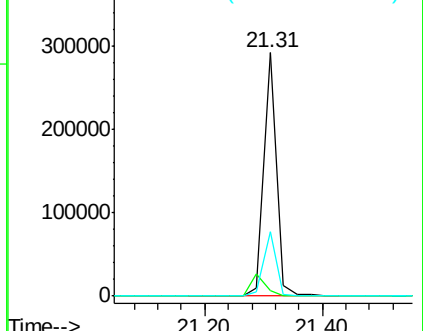
236 26.7 21.7 32.5

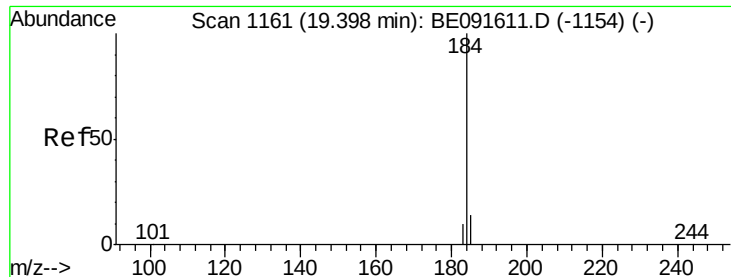


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

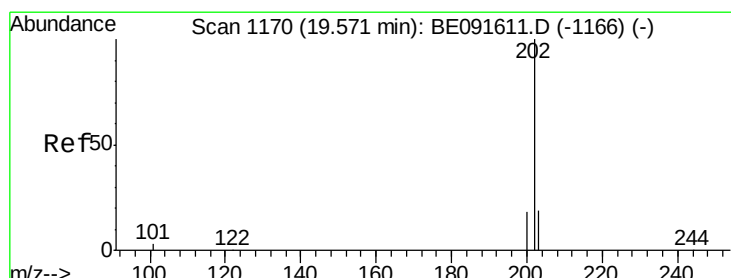
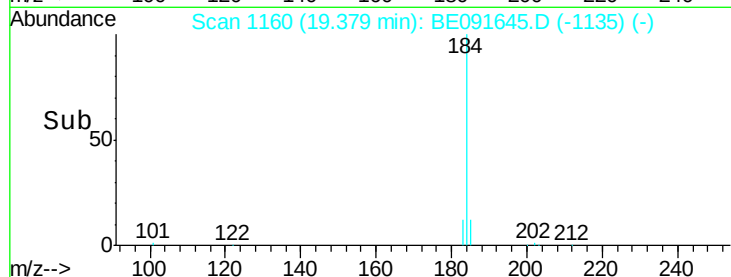
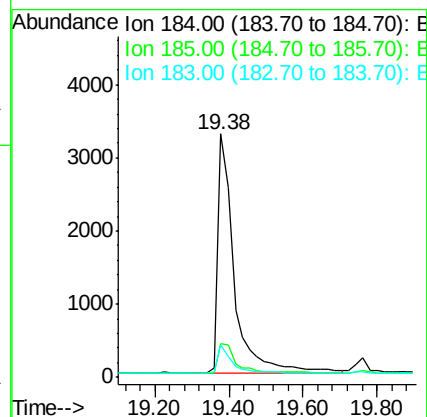
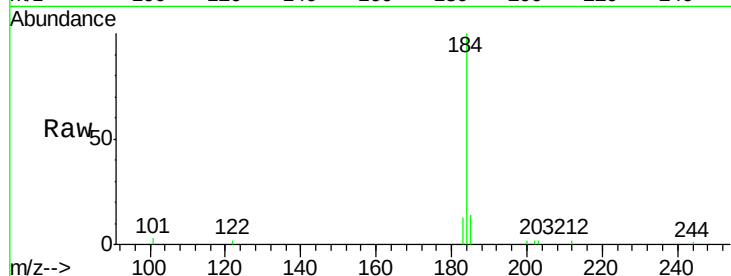




#27
Benzidine
Concen: 0.54 ng
RT: 19.38 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BE091645.D
Acq: 12 Apr 2016 10:29

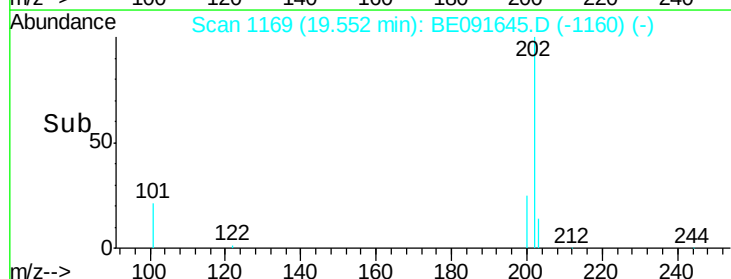
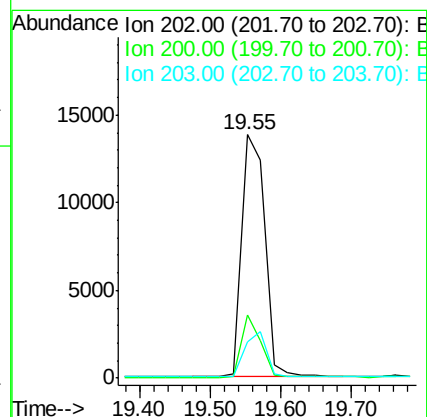
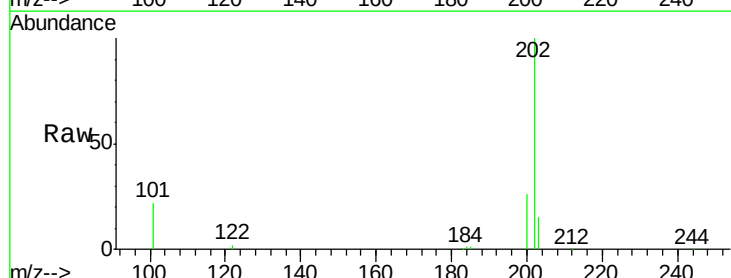
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

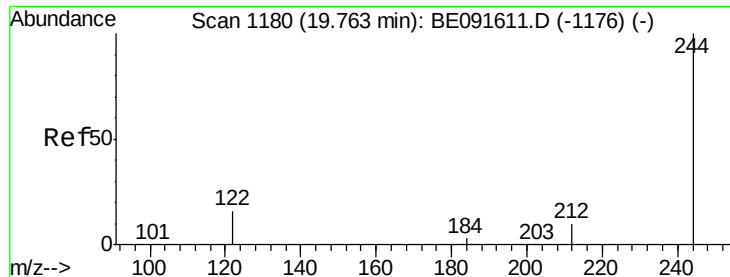
Tgt Ion:184 Resp: 9921
Ion Ratio Lower Upper
184 100
185 13.6 22.3 33.5#
183 13.4 16.4 24.6#



#28
Pyrene
Concen: 0.36 ng
RT: 19.55 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BE091645.D
Acq: 12 Apr 2016 10:29

Tgt Ion:202 Resp: 31777
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 17.8 14.0 21.0





#29

Terphenyl-d14

Concen: 0.40 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BE091645.D

Acq: 12 Apr 2016 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

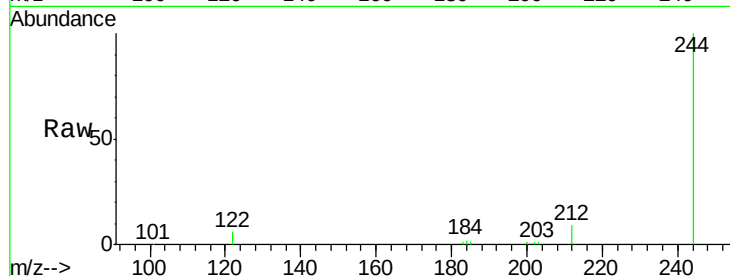
Tgt Ion:244 Resp: 22195

Ion Ratio Lower Upper

244 100

212 9.1 6.9 10.3

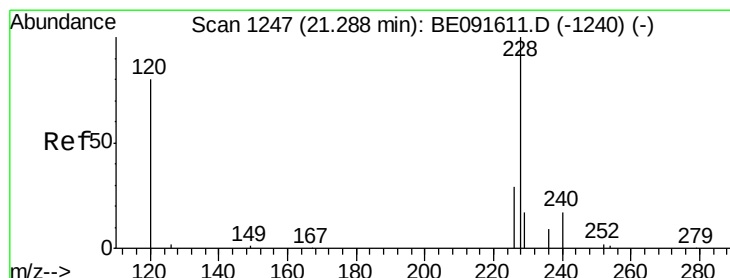
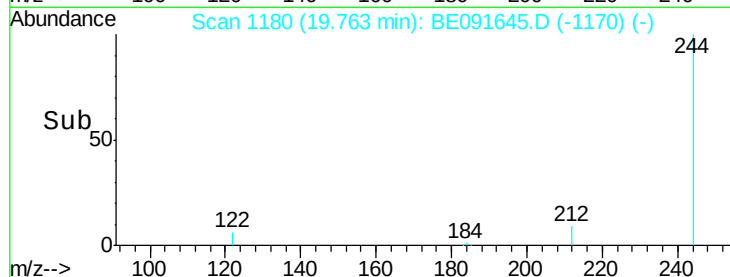
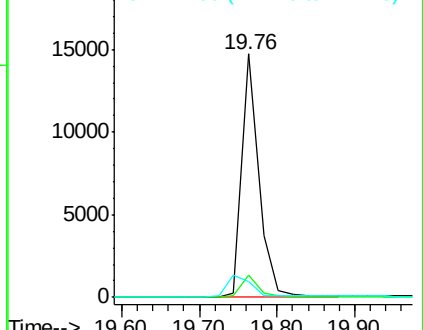
122 6.3 11.0 16.4#



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: 0.78 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091645.D

Acq: 12 Apr 2016 10:29

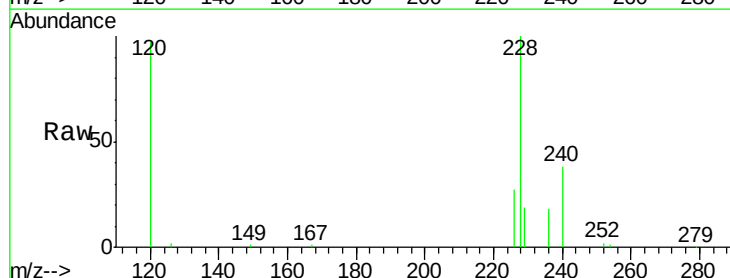
Tgt Ion:228 Resp: 77004

Ion Ratio Lower Upper

228 100

226 27.0 21.0 31.4

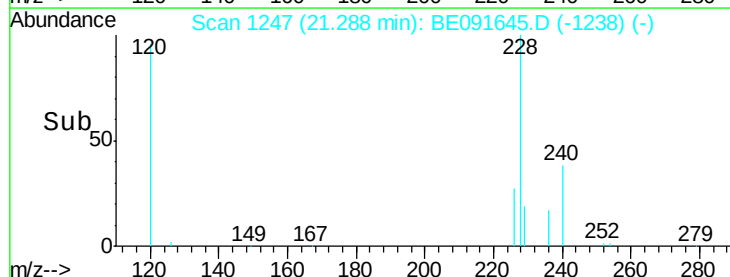
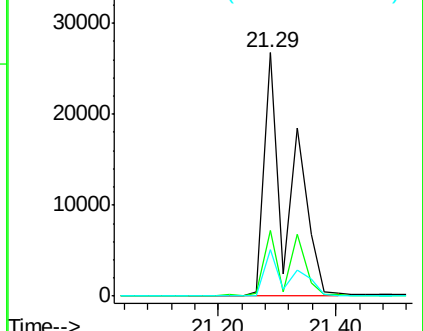
229 18.9 15.7 23.5

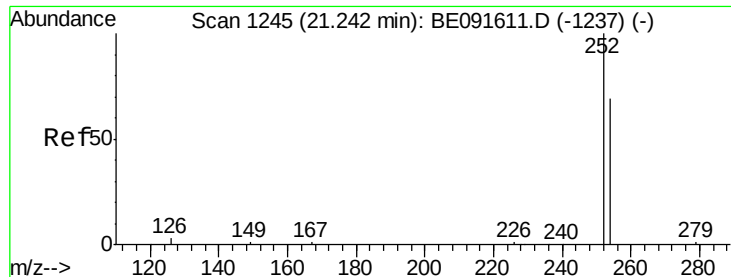


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

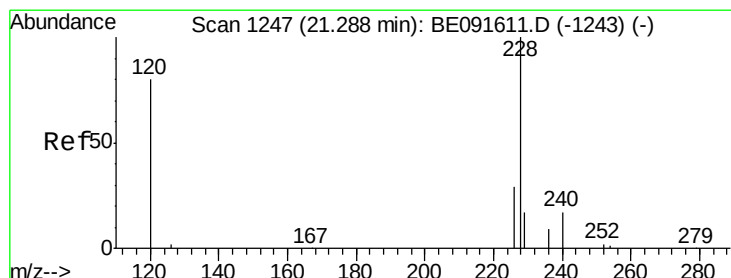
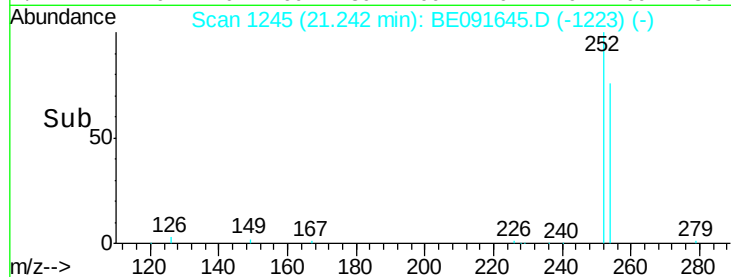
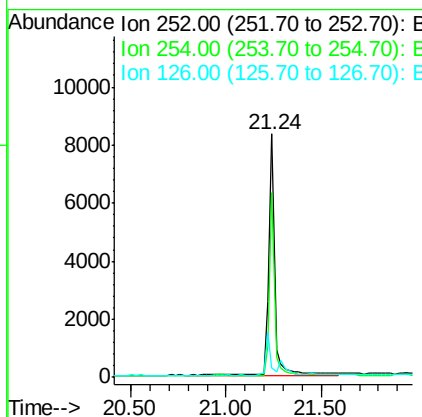
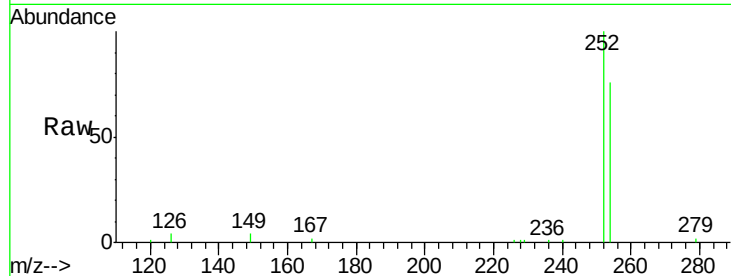




#31
 3,3'-Dichlorobenzidine
 Concen: 0.41 ng
 RT: 21.24 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BE091645.D
 Acq: 12 Apr 2016 10:29

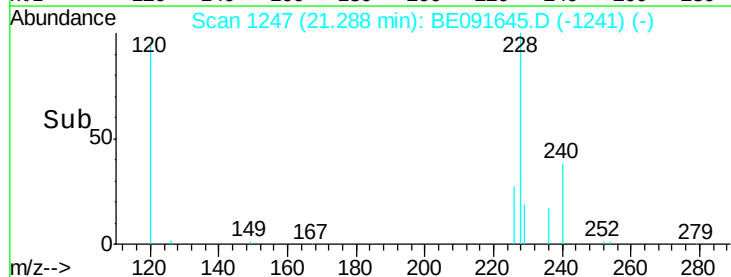
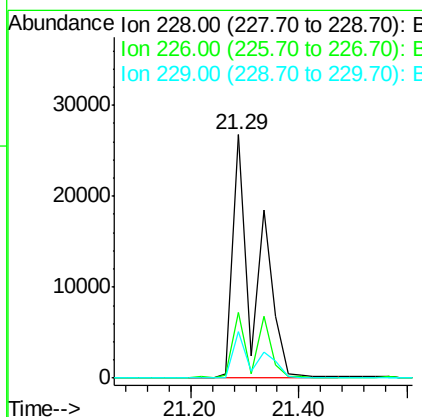
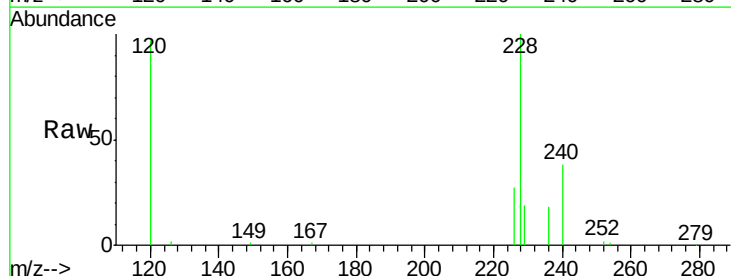
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

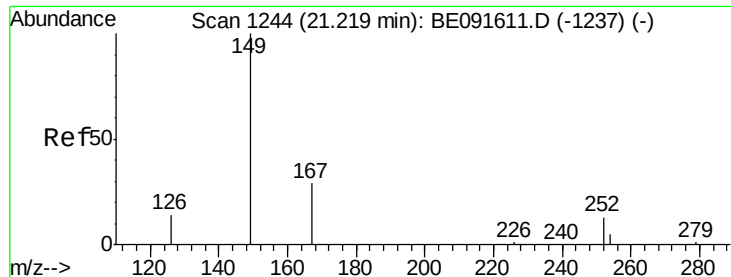
Tgt Ion: 252 Resp: 18575
 Ion Ratio Lower Upper
 252 100
 254 76.1 51.1 76.7
 126 3.6 12.6 18.8#



#32
 Chrysene
 Concen: 0.86 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.07 min
 Lab File: BE091645.D
 Acq: 12 Apr 2016 10:29

Tgt Ion: 228 Resp: 77488
 Ion Ratio Lower Upper
 228 100
 226 27.0 24.0 36.0
 229 18.9 15.9 23.9

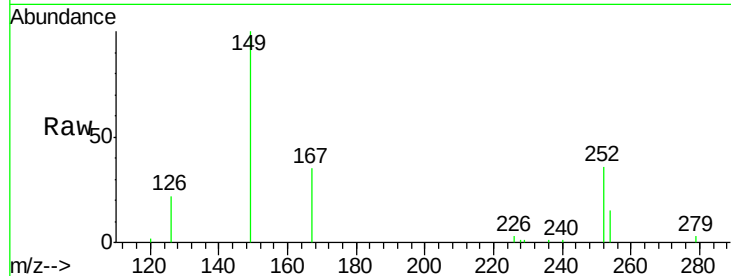




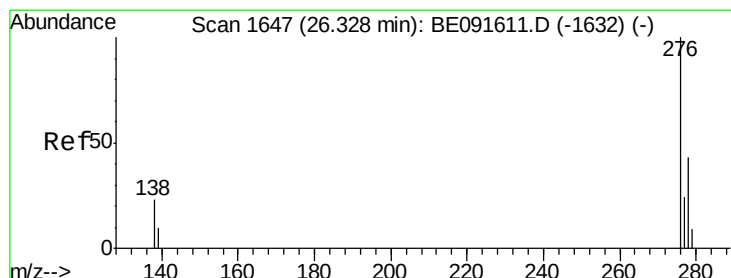
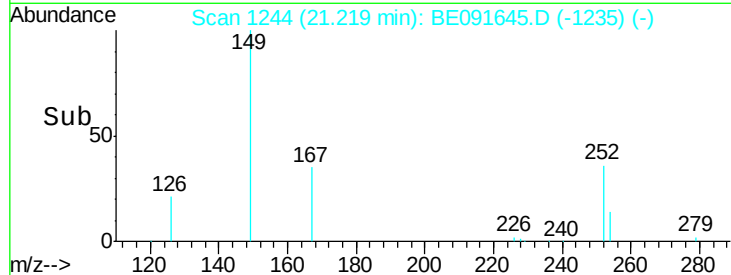
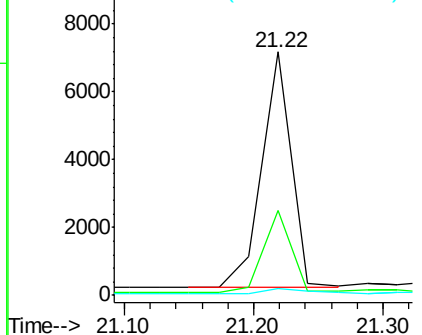
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.41 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BE091645.D
 Acq: 12 Apr 2016 10:29

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:149 Resp: 11173
 Ion Ratio Lower Upper
 149 100
 167 33.2 19.5 29.3#
 279 2.8 10.0 15.0#

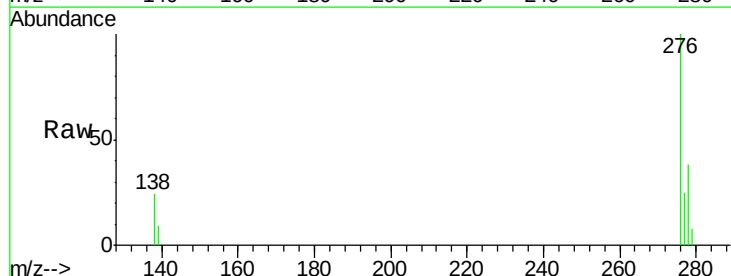


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

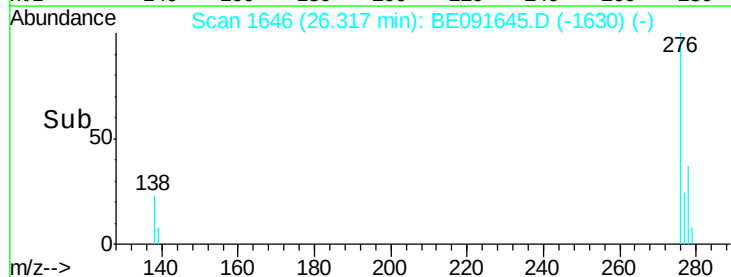
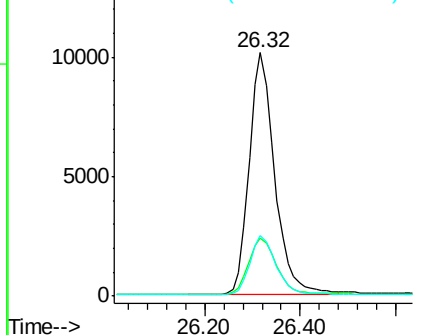


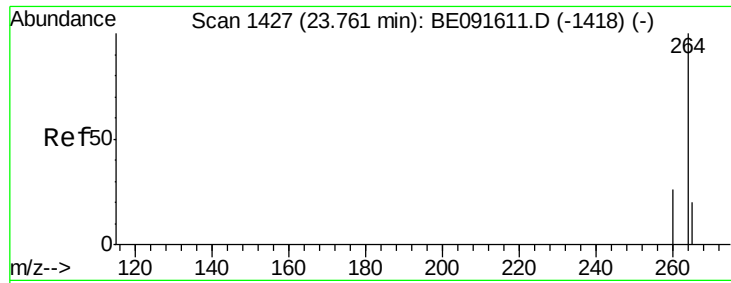
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.37 ng
 RT: 26.32 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BE091645.D
 Acq: 12 Apr 2016 10:29

Tgt Ion:276 Resp: 37645
 Ion Ratio Lower Upper
 276 100
 138 25.6 23.4 35.2
 277 24.7 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

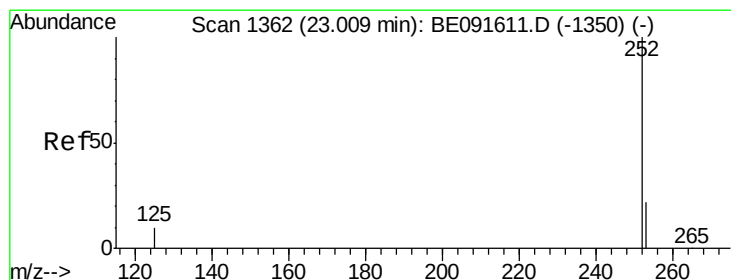
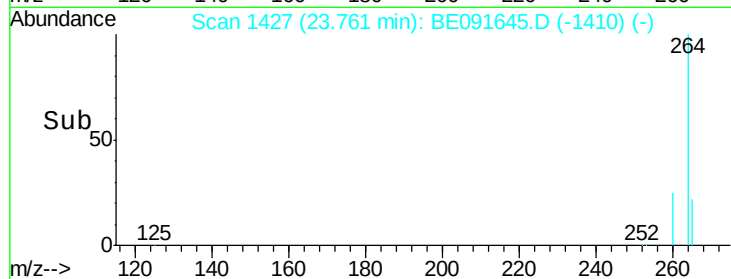
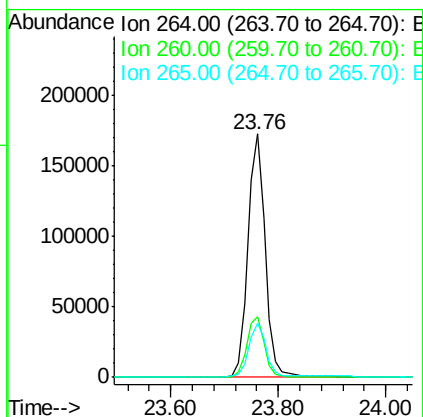
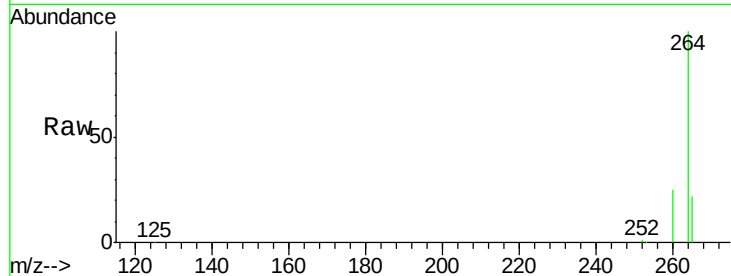




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.76 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BE091645.D
 Acq: 12 Apr 2016 10:29

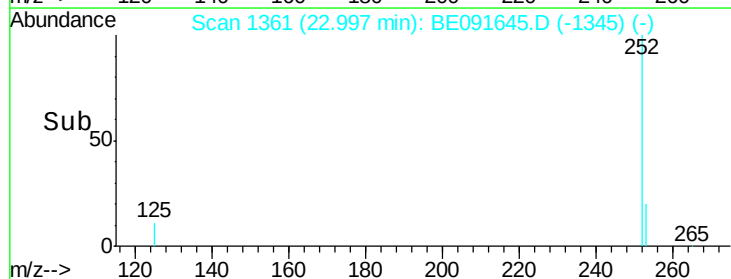
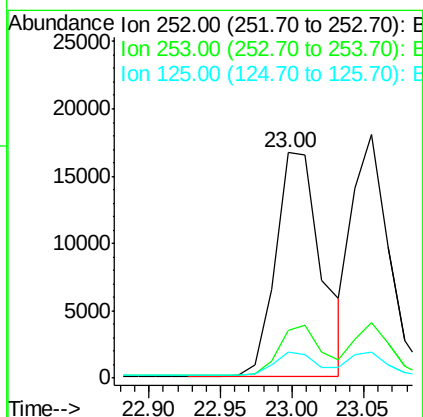
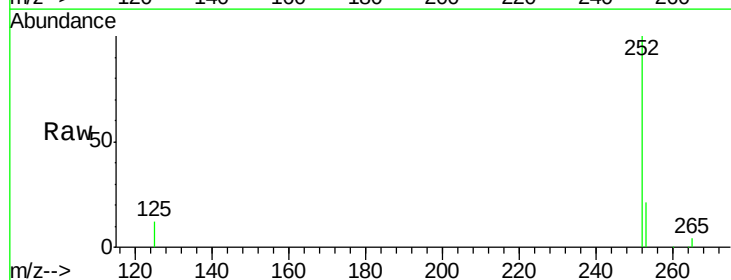
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

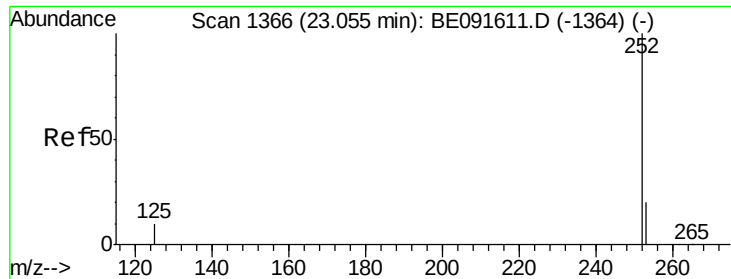
Tgt Ion: 264 Resp: 387325
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.0 30.0
 265 22.2 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 0.41 ng
 RT: 23.00 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BE091645.D
 Acq: 12 Apr 2016 10:29

Tgt Ion: 252 Resp: 36975
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.4 26.0
 125 11.8 10.2 15.2

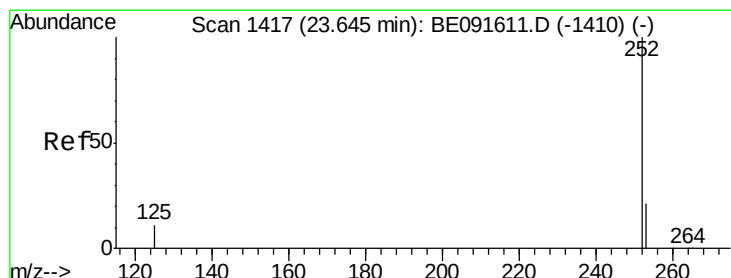
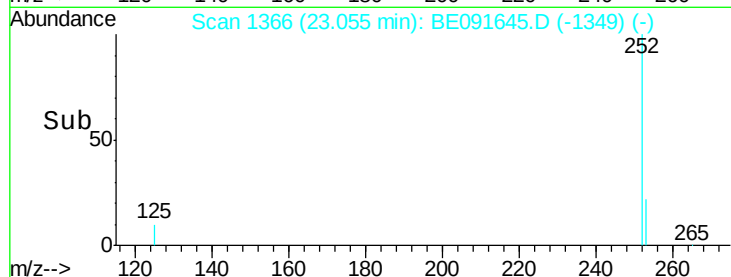
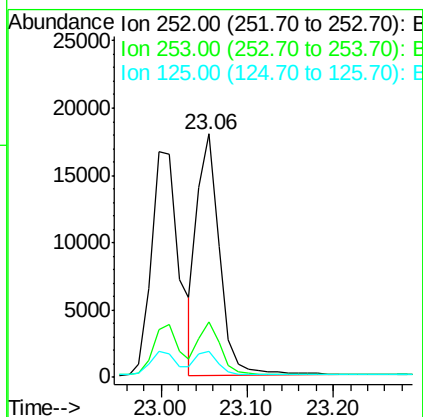
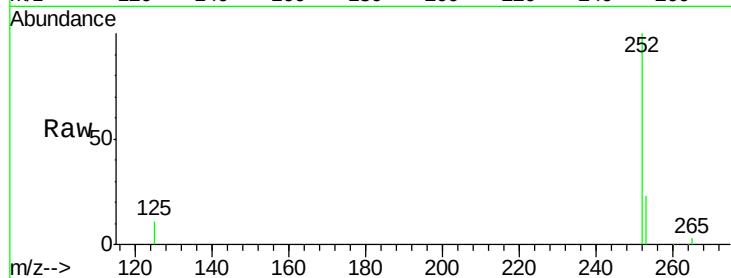




#37
Benzo(k)fluoranthene
Concen: 0.36 ng
RT: 23.06 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BE091645.D
Acq: 12 Apr 2016 10:29

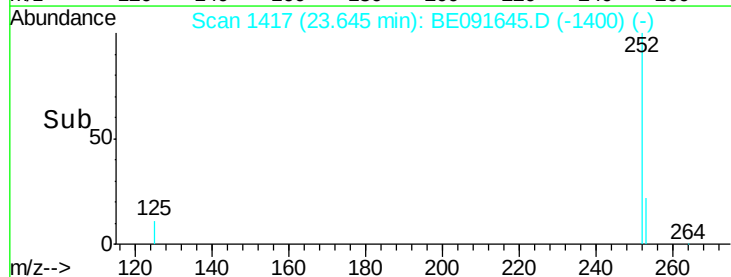
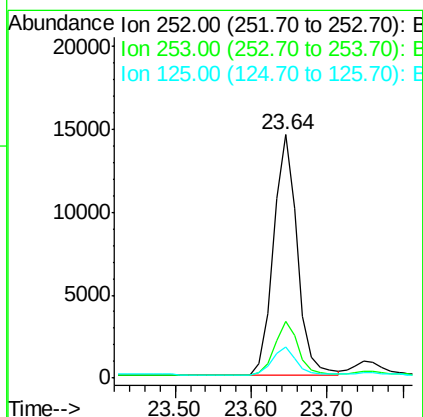
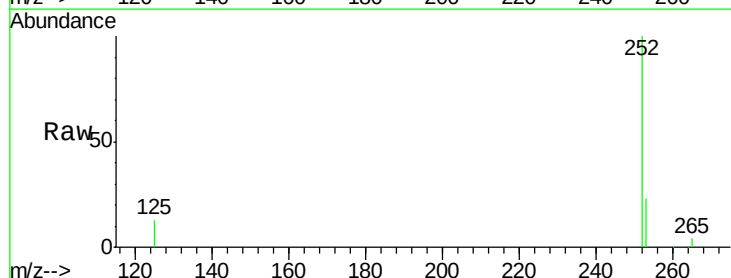
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

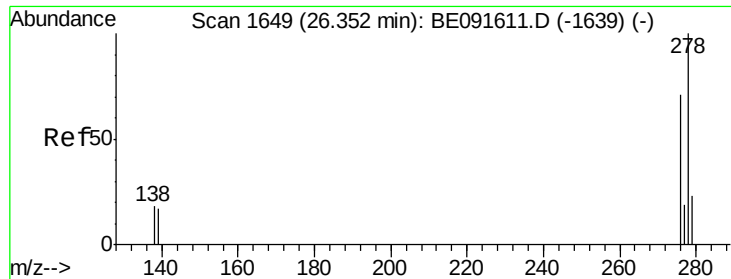
Tgt Ion: 252 Resp: 32112
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 10.5 9.9 14.9



#38
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.64 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BE091645.D
Acq: 12 Apr 2016 10:29

Tgt Ion: 252 Resp: 31670
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 12.7 11.0 16.4





#39

Dibenzo(a,h)anthracene

Concen: 0.38 ng

RT: 26.34 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BE091645.D

Acq: 12 Apr 2016 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

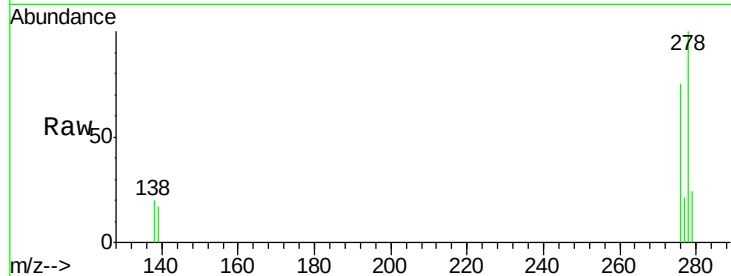
Tgt Ion: 278 Resp: 30898

Ion Ratio Lower Upper

278 100

139 17.0 16.0 24.0

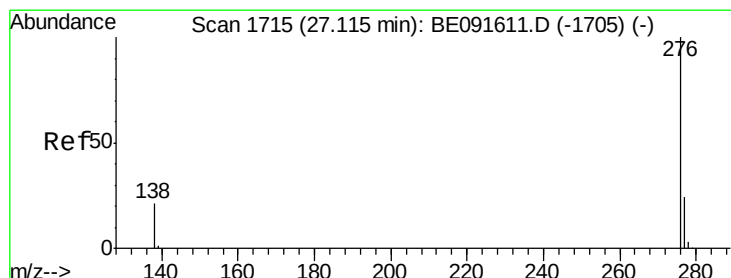
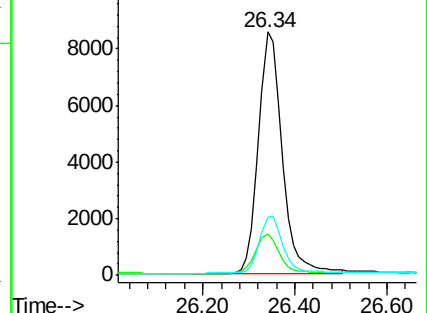
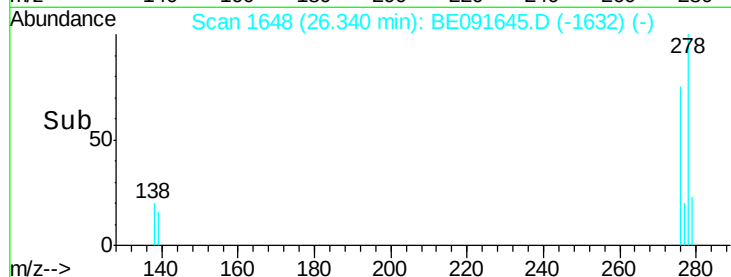
279 23.9 19.4 29.2



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: 0.38 ng

RT: 27.10 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BE091645.D

Acq: 12 Apr 2016 10:29

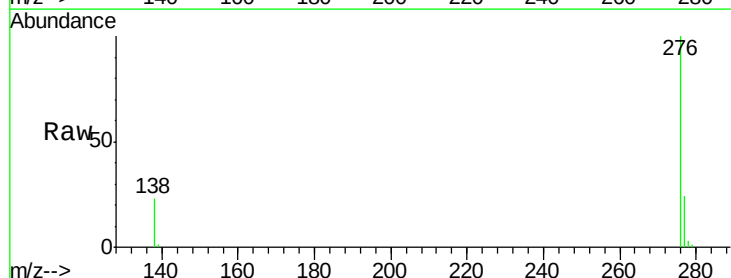
Tgt Ion: 276 Resp: 31793

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 23.0 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

