

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041216\
 Data File : BE091649.D
 Acq On : 12 Apr 2016 13:58
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Apr 13 01:03:50 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	45863	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	224398	5.00	ng	-0.02
13) Acenaphthene-d10	14.42	164	137561	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	352934	5.00	ng	0.00
26) Chrysene-d12	21.31	240	436316	5.00	ng	0.00
35) Perylene-d12	23.76	264	361673	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	3986	0.36	ng	-0.02
5) Phenol-d6	6.97	99	5279	0.36	ng	0.00
8) Nitrobenzene-d5	8.96	82	4647	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	1944	0.62	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	14987	0.39	ng	0.00
29) Terphenyl-d14	19.76	244	21613	0.40	ng	0.00

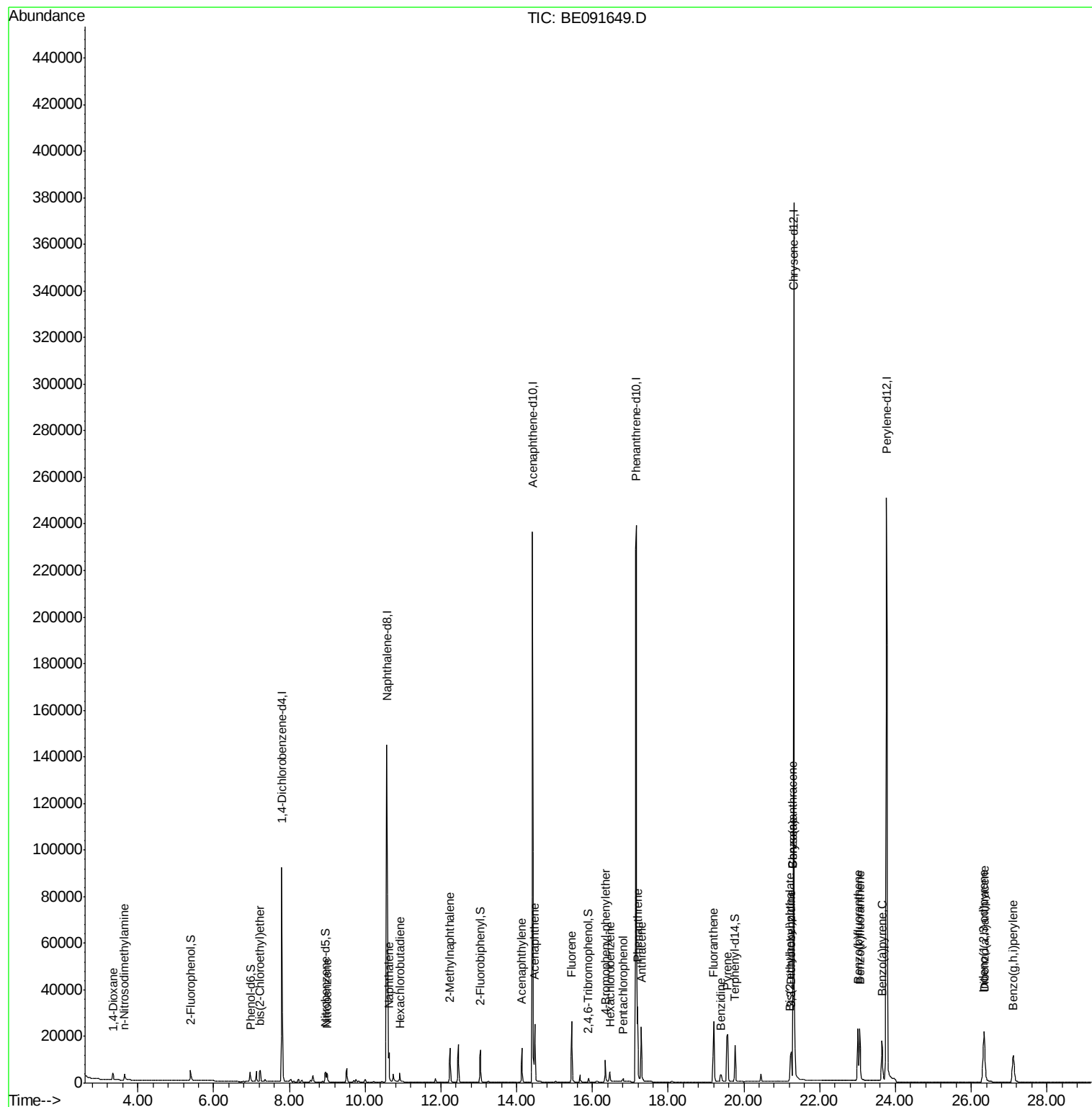
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	2098	0.34	ng	# 93
3) n-Nitrosodimethylamine	3.64	42	2729	0.39	ng	# 89
6) bis(2-Chloroethyl)ether	7.23	93	4856	0.38	ng	# 76
9) Nitrobenzene	8.99	77	4776	0.45	ng	98
10) Naphthalene	10.63	128	18047	0.39	ng	97
11) Hexachlorobutadiene	10.92	225	3460	0.51	ng	92
12) 2-Methylnaphthalene	12.24	142	11447	0.39	ng	98
16) Acenaphthylene	14.14	152	20001	0.37	ng	# 78
17) Acenaphthene	14.47	154	13950	0.41	ng	92
18) Fluorene	15.46	166	16630	0.39	ng	99
20) 4-Bromophenyl-phenylether	16.34	248	4916	0.39	ng	96
21) Hexachlorobenzene	16.46	284	5119	0.40	ng	99
22) Pentachlorophenol	16.81	266	1510	0.44	ng	93
23) Phenanthrene	17.19	178	32294	0.40	ng	99
24) Anthracene	17.29	178	28048	0.39	ng	99
25) Fluoranthene	19.21	202	30821	0.36	ng	98
27) Benzydine	19.38	184	8167	0.51	ng	# 79
28) Pyrene	19.57	202	32039	0.37	ng	100
30) Benzo(a)anthracene	21.29	228	73372	0.75	ng	98
31) 3,3'-Dichlorobenzidine	21.24	252	14535	0.36	ng	# 81
32) Chrysene	21.29	228	73851	0.83	ng	96
33) Bis(2-ethylhexyl)phthalate	21.22	149	8086	0.37	ng	# 82
34) Indeno(1,2,3-cd)pyrene	26.33	276	34615	0.35	ng	96
36) Benzo(b)fluoranthene	23.01	252	33399	0.40	ng	96
37) Benzo(k)fluoranthene	23.06	252	30955	0.37	ng	98
38) Benzo(a)pyrene	23.65	252	28332	0.36	ng	98
39) Dibenzo(a,h)anthracene	26.35	278	29007	0.38	ng	96
40) Benzo(g,h,i)perylene	27.12	276	29078	0.37	ng	95

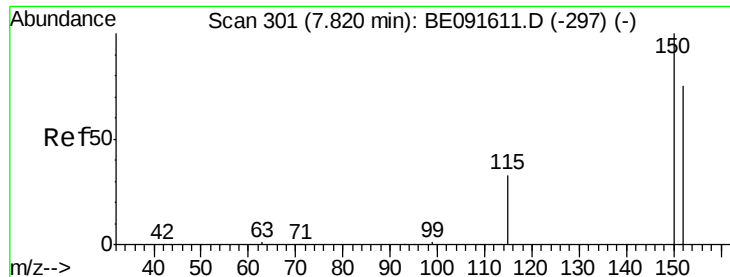
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041216\
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Misc :
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Instrument :
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Quant Time: Apr 13 01:03:50 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040816.M
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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: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

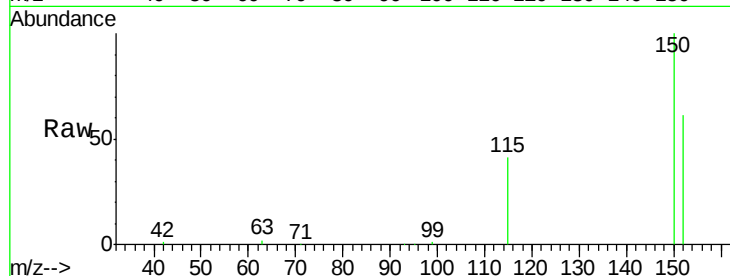
Tgt Ion:152 Resp: 45863

Ion Ratio Lower Upper

152 100

150 162.6 122.6 183.8

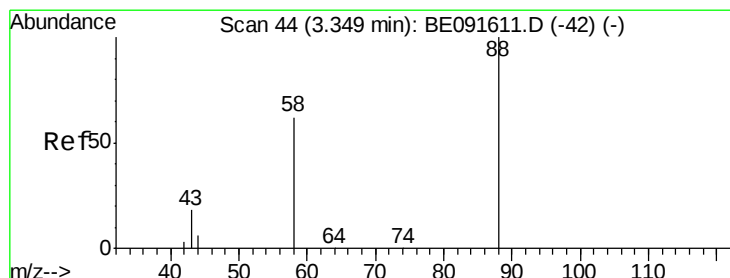
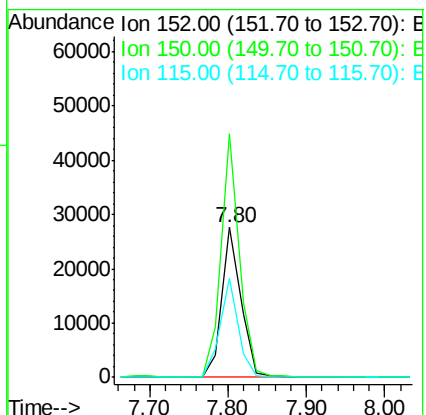
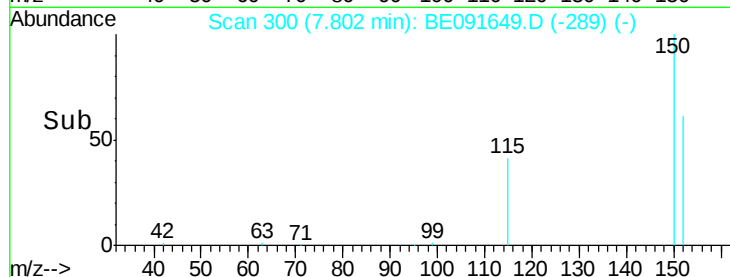
115 66.1 52.8 79.2



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: 0.34 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

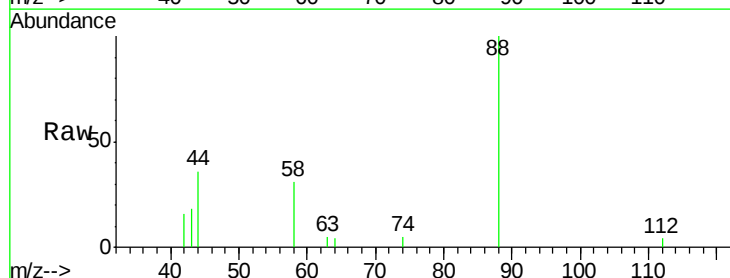
Tgt Ion: 88 Resp: 2098

Ion Ratio Lower Upper

88 100

58 85.7 65.8 98.6

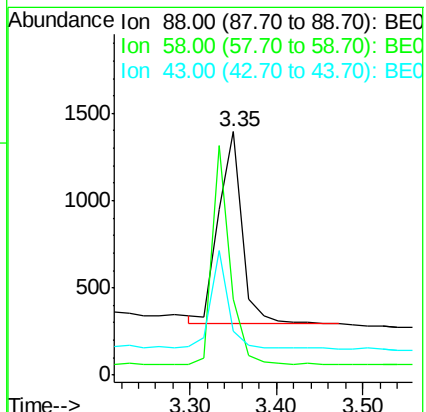
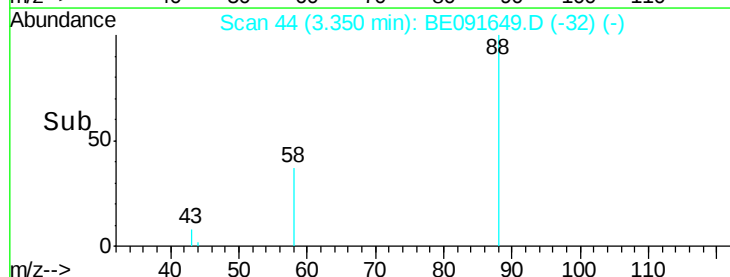
43 39.4 25.3 37.9#

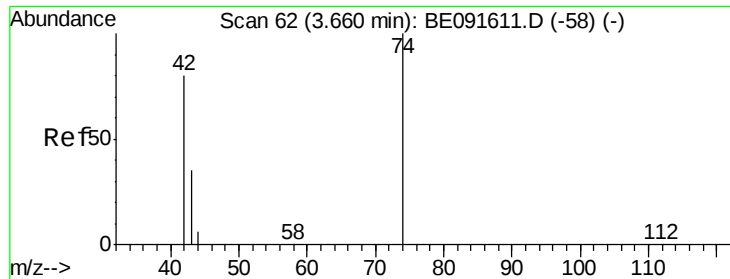


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.39 ng

RT: 3.64 min Scan# 61

Delta R.T. -0.02 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

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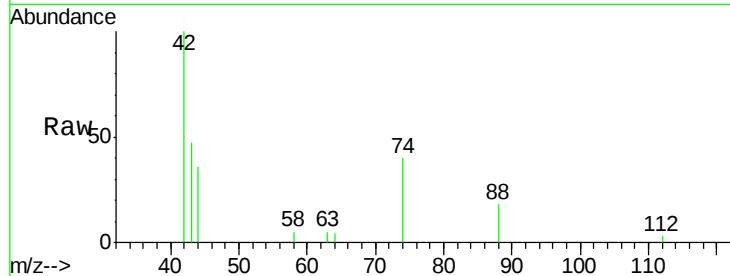
Tgt Ion: 42 Resp: 2729

Ion Ratio Lower Upper

42 100

74 98.6 87.9 131.9

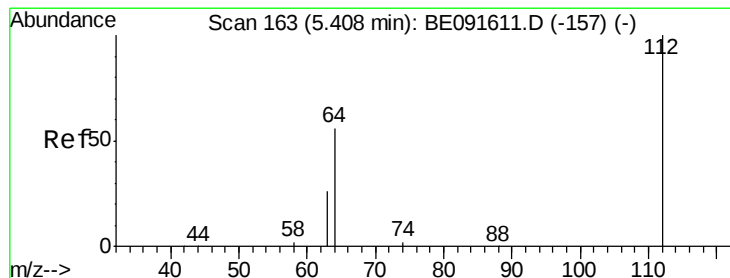
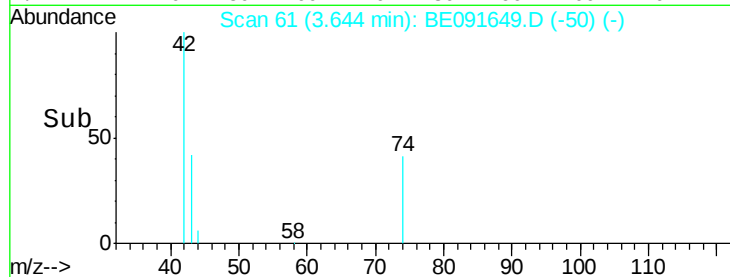
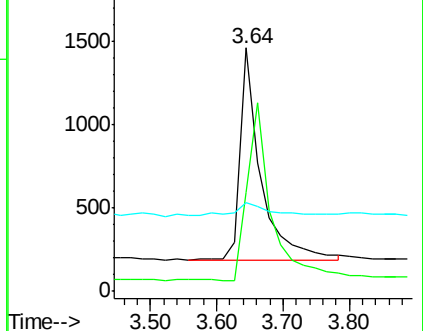
44 12.6 6.6 9.8#



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: 0.36 ng

RT: 5.39 min Scan# 162

Delta R.T. -0.02 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

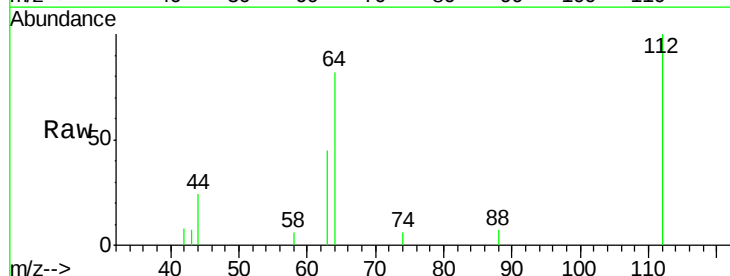
Tgt Ion: 112 Resp: 3986

Ion Ratio Lower Upper

112 100

64 68.3 30.9 46.3#

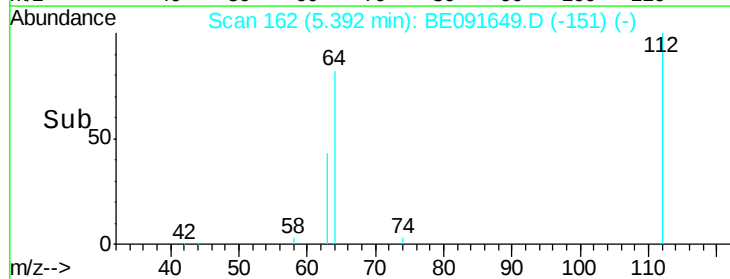
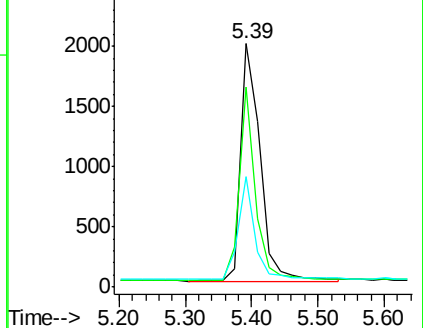
63 37.0 16.7 25.1#

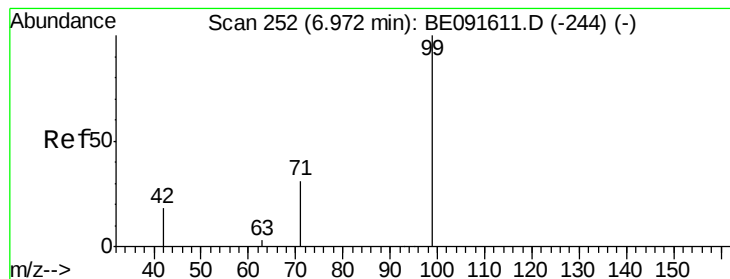


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.36 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

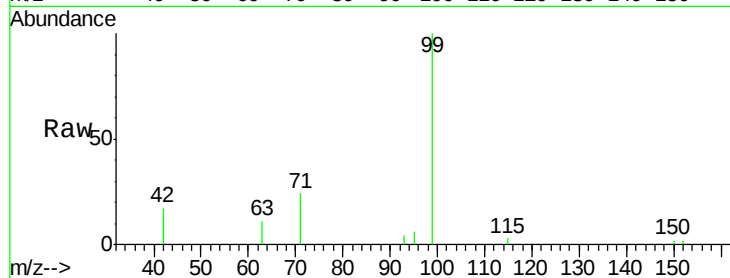
Tgt Ion: 99 Resp: 5279

Ion Ratio Lower Upper

99 100

42 26.5 16.2 24.2#

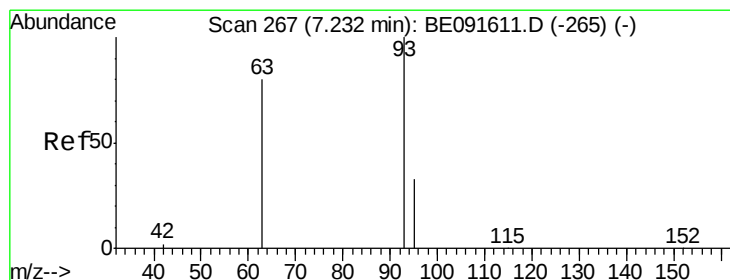
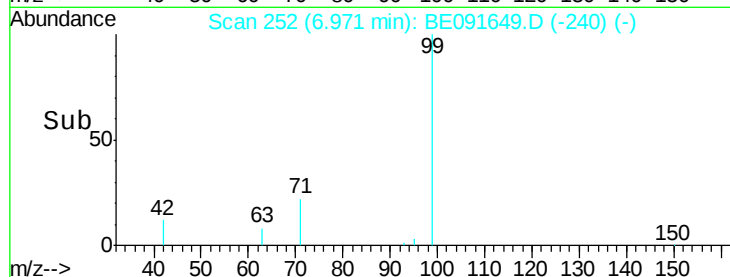
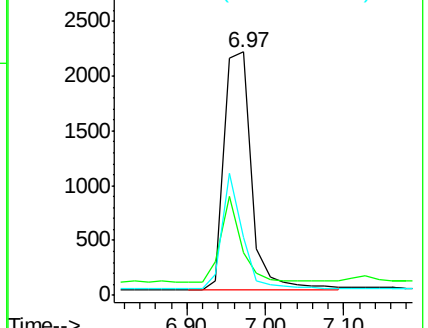
71 36.7 29.0 43.4



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: 0.38 ng

RT: 7.23 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

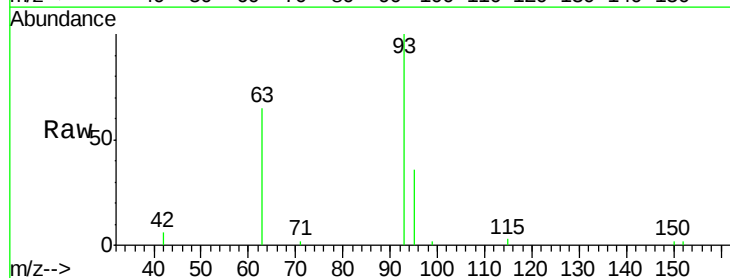
Tgt Ion: 93 Resp: 4856

Ion Ratio Lower Upper

93 100

63 85.7 49.5 74.3#

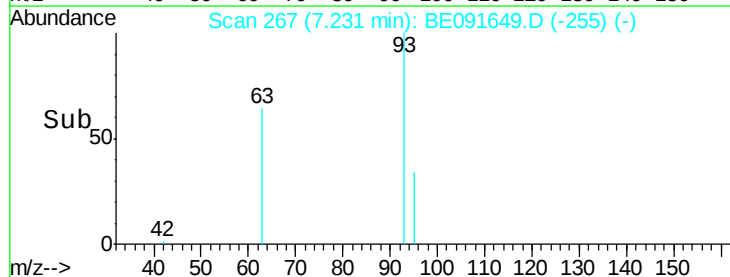
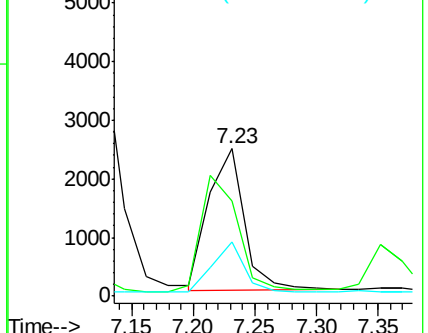
95 32.1 22.2 33.4

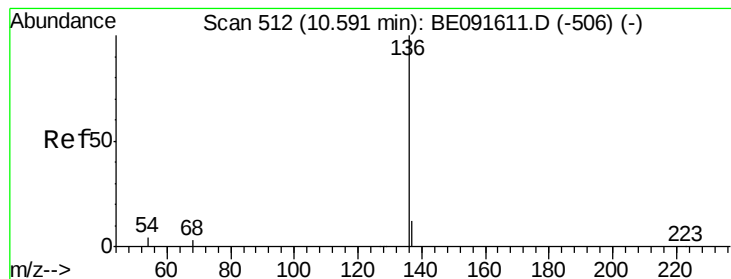


Abundance Ion 93.00 (92.70 to 93.70): BE0

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. -0.02 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

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ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 224398

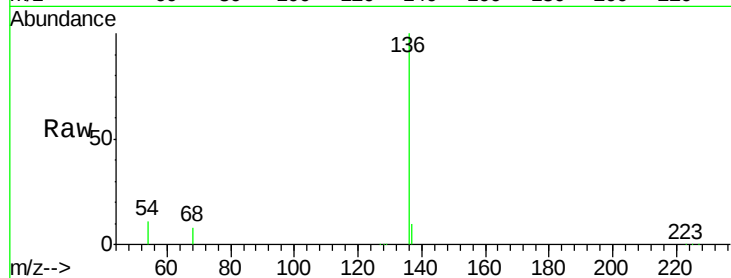
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 11.5 8.2 12.4

68 7.8 6.2 9.4

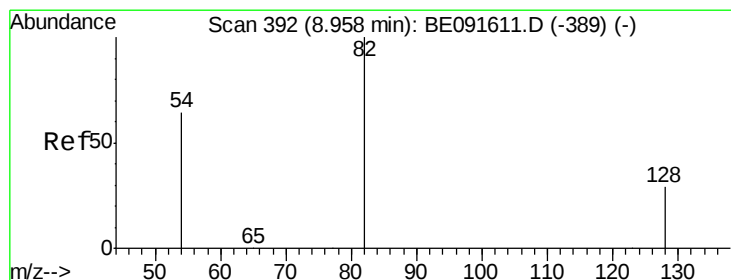
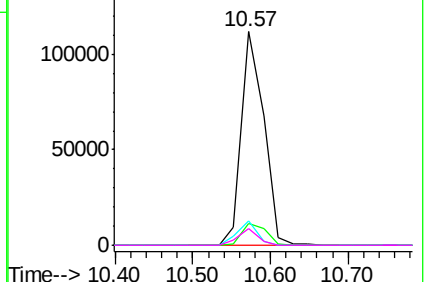
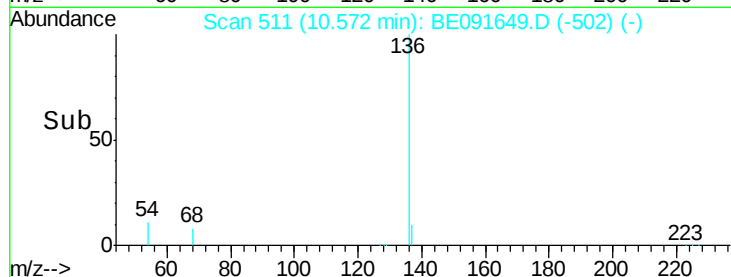


Abundance Ion 136.00 (135.70 to 136.70): E

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: BE091649.D

Acq: 12 Apr 2016 13:58

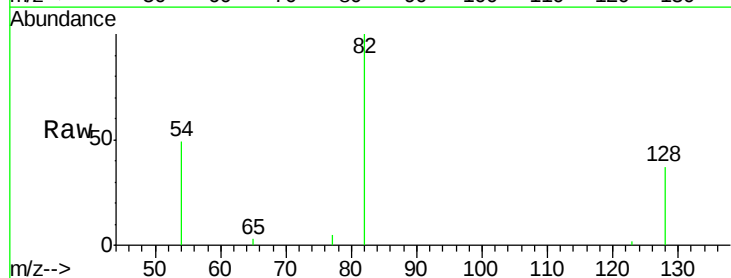
Tgt Ion: 82 Resp: 4647

Ion Ratio Lower Upper

82 100

128 36.6 25.4 38.0

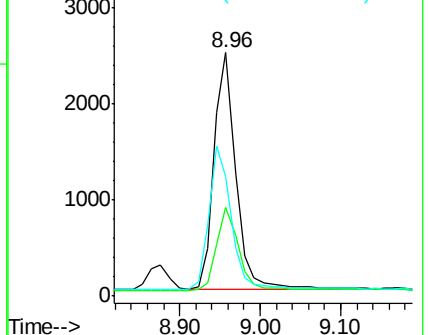
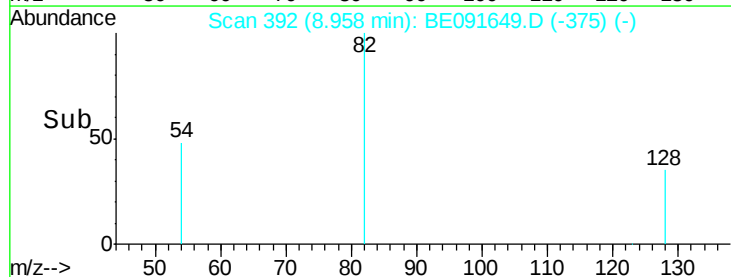
54 49.3 48.4 72.6

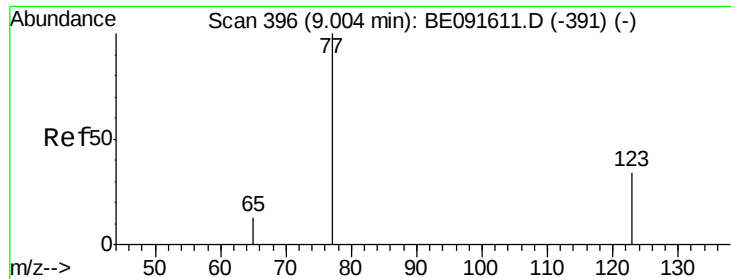


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.45 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.01 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

BNA_E

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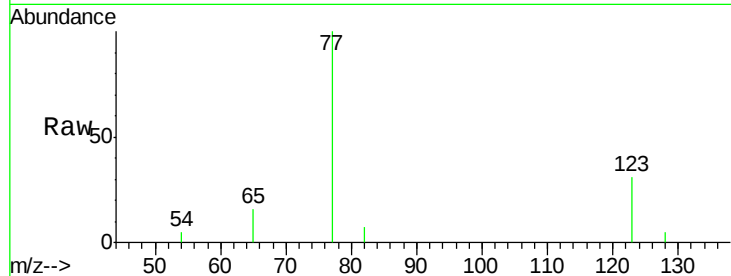
Tgt Ion: 77 Resp: 4776

Ion Ratio Lower Upper

77 100

123 34.9 26.9 40.3

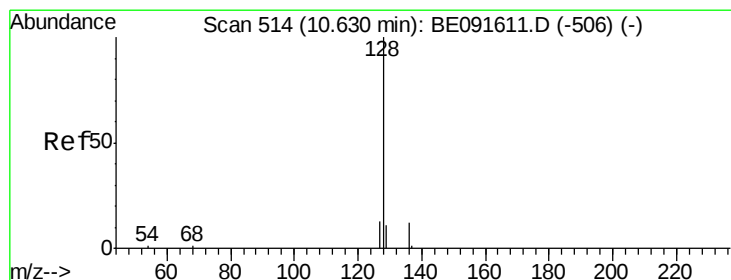
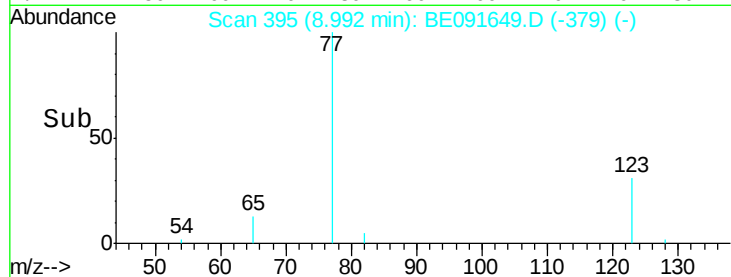
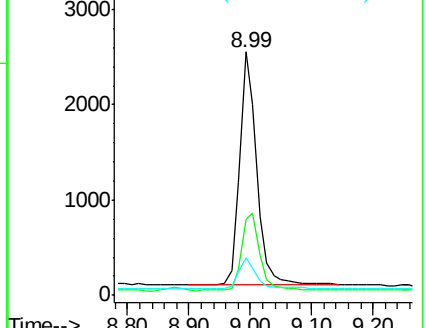
65 12.9 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0



#10

Naphthalene

Concen: 0.39 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

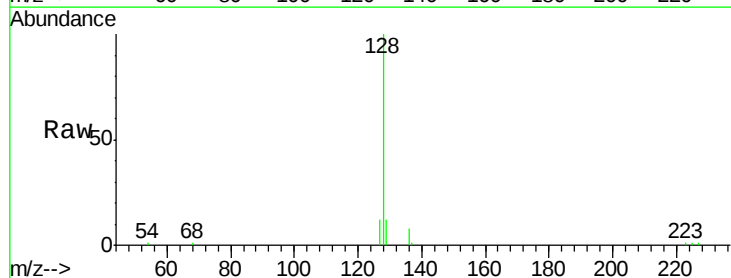
Tgt Ion: 128 Resp: 18047

Ion Ratio Lower Upper

128 100

129 12.3 9.3 13.9

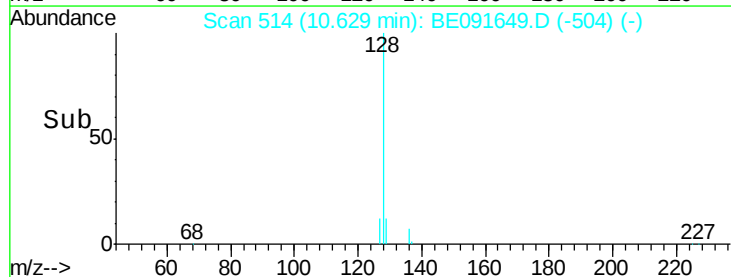
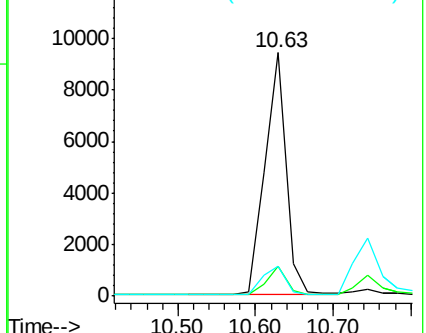
127 12.1 10.7 16.1

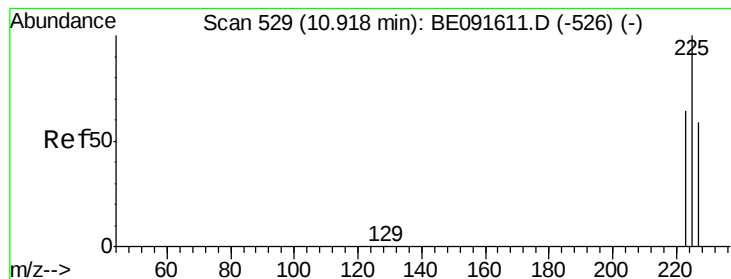


Abundance Ion 128.00 (127.70 to 128.70): BE0

Ion 129.00 (128.70 to 129.70): BE0

Ion 127.00 (126.70 to 127.70): BE0





#11

Hexachlorobutadiene

Concen: 0.51 ng

RT: 10.92 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

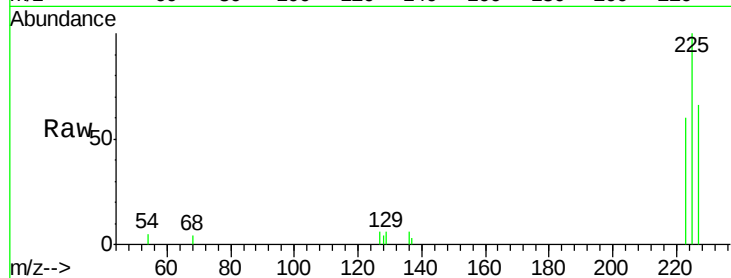
Tgt Ion: 225 Resp: 3460

Ion Ratio Lower Upper

225 100

223 67.7 49.0 73.6

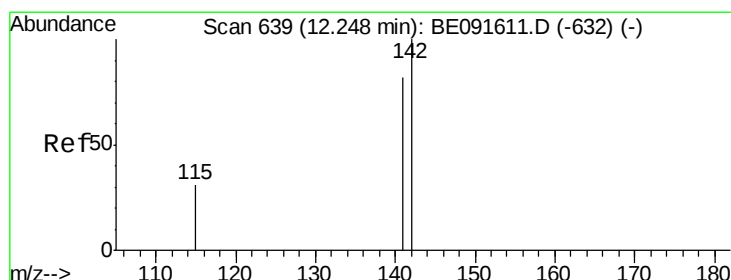
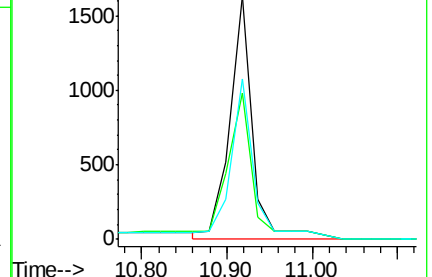
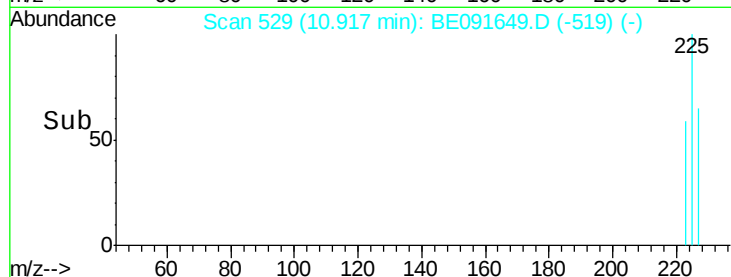
227 68.5 50.3 75.5



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. -0.01 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

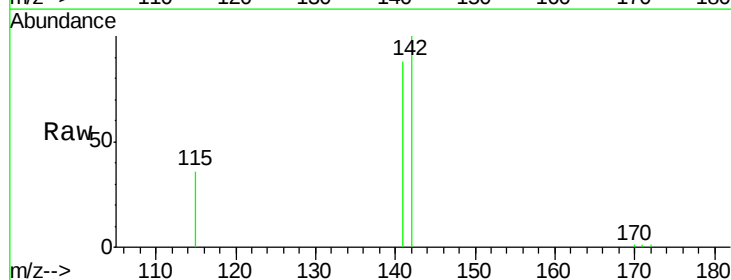
Tgt Ion: 142 Resp: 11447

Ion Ratio Lower Upper

142 100

141 88.3 71.4 107.0

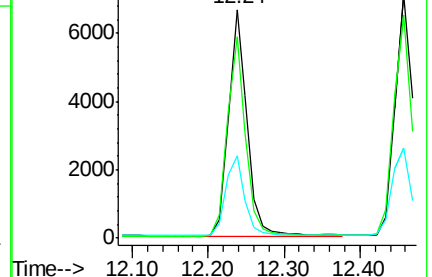
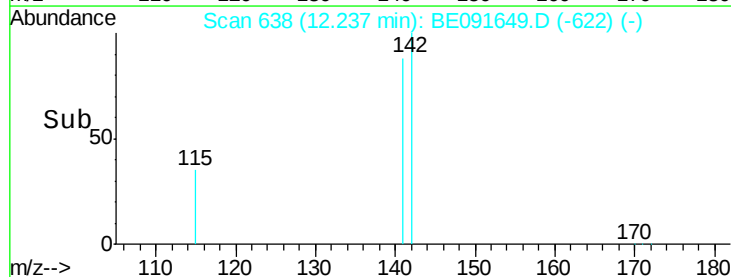
115 36.1 30.3 45.5

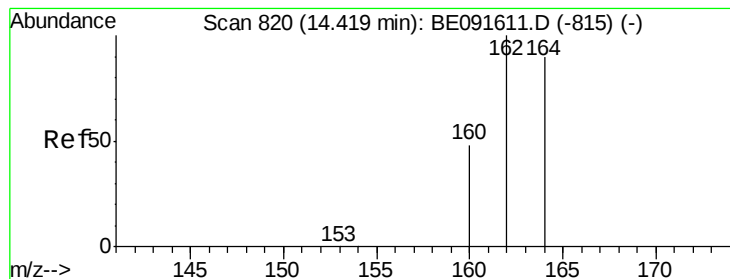


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.42 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

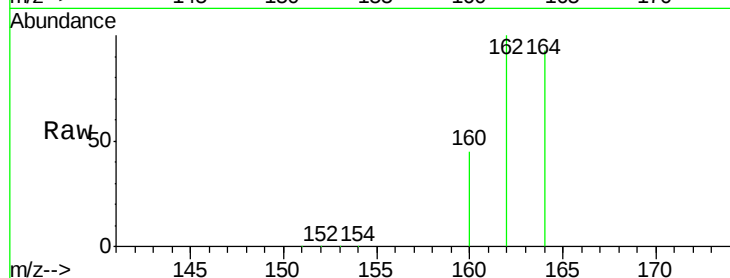
Tgt Ion:164 Resp: 137561

Ion Ratio Lower Upper

164 100

162 107.0 85.3 127.9

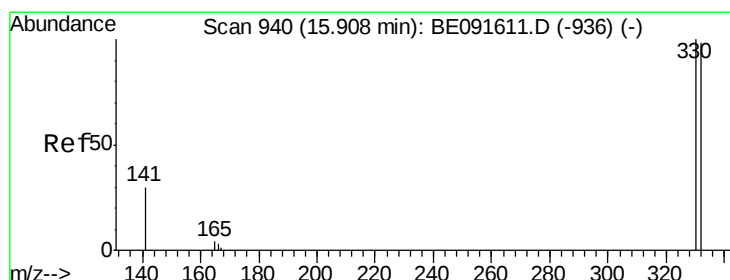
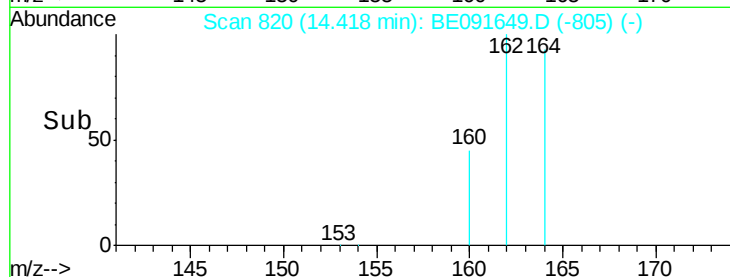
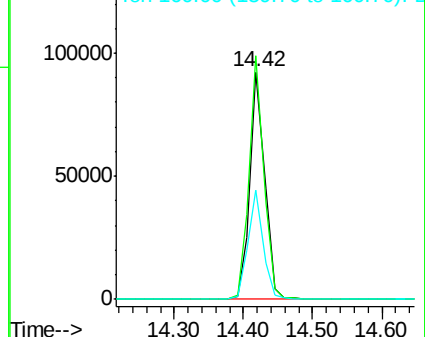
160 48.2 46.2 69.2



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: 15.90 min Scan# 939

Delta R.T. -0.01 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

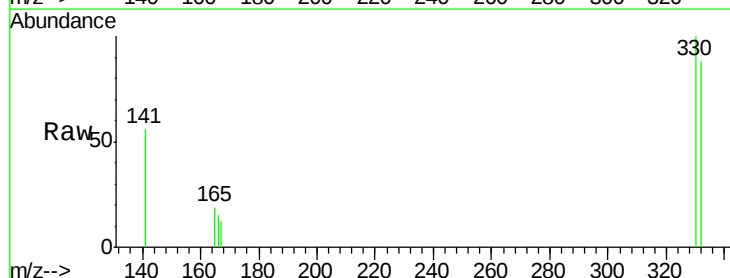
Tgt Ion:330 Resp: 1944

Ion Ratio Lower Upper

330 100

332 97.1 79.1 118.7

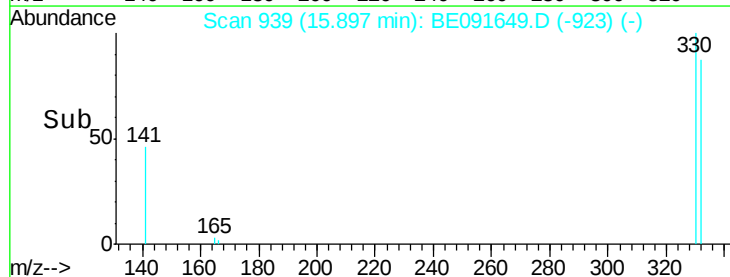
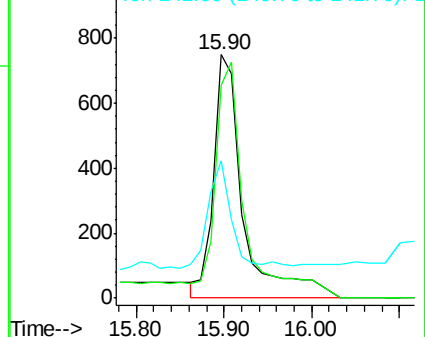
141 30.7 125.4 188.0#

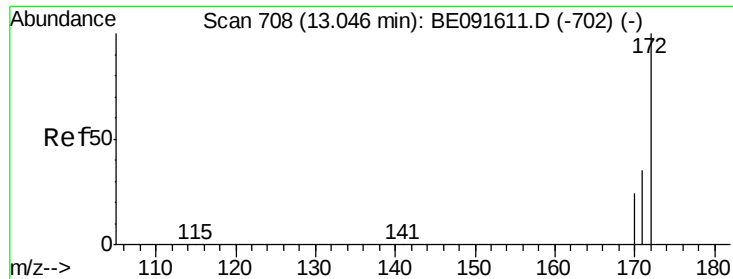


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

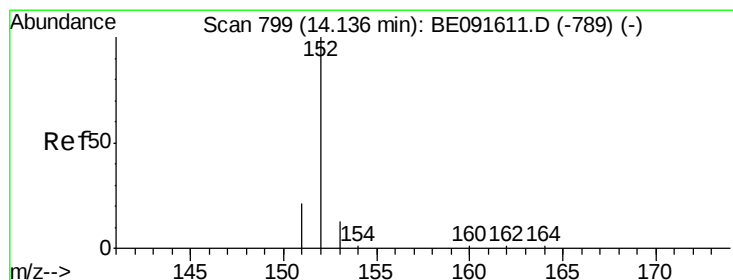
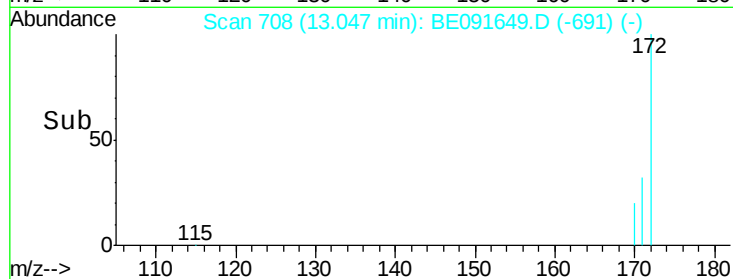
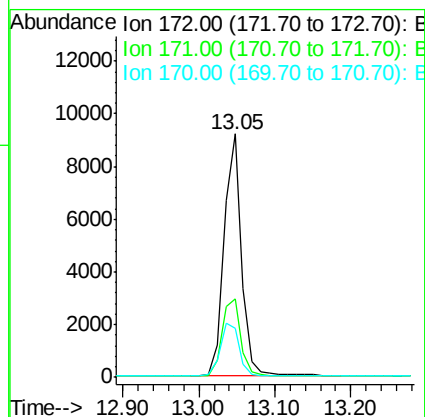
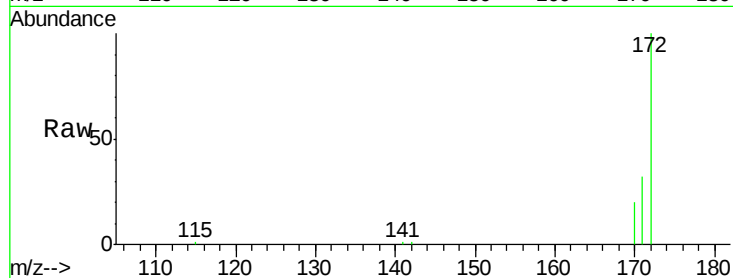




#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091649.D
Acq: 12 Apr 2016 13:58

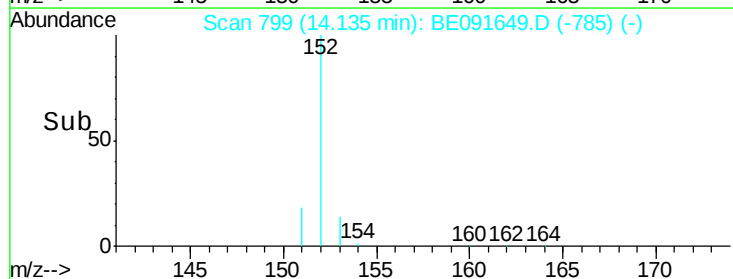
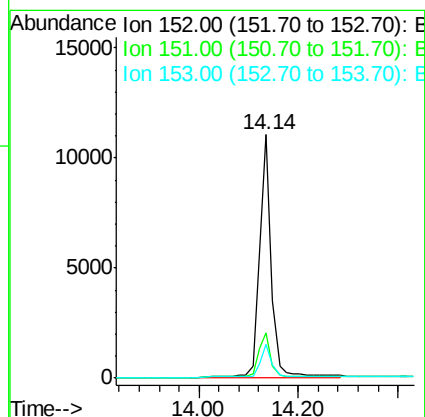
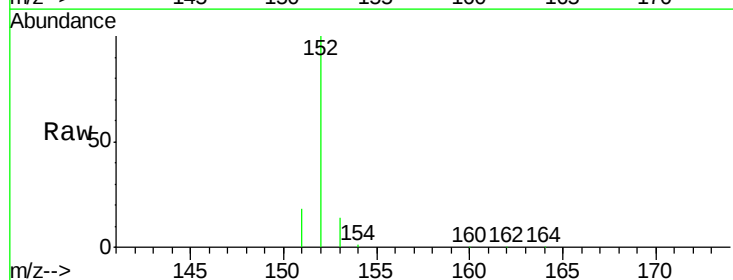
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

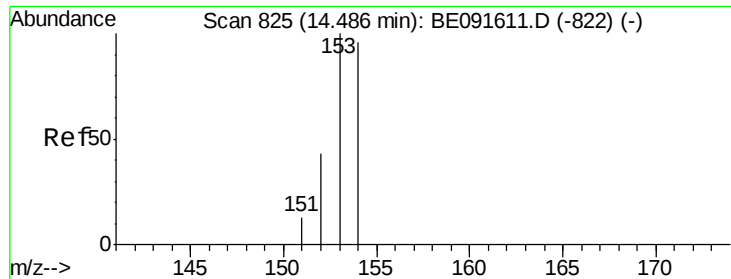
Tgt Ion:172 Resp: 14987
Ion Ratio Lower Upper
172 100
171 32.4 28.8 43.2
170 20.3 19.3 28.9



#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.14 min Scan# 799
Delta R.T. -0.00 min
Lab File: BE091649.D
Acq: 12 Apr 2016 13:58

Tgt Ion:152 Resp: 20001
Ion Ratio Lower Upper
152 100
151 22.6 3.9 5.9#
153 16.8 10.3 15.5#





#17

Acenaphthene

Concen: 0.41 ng

RT: 14.47 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

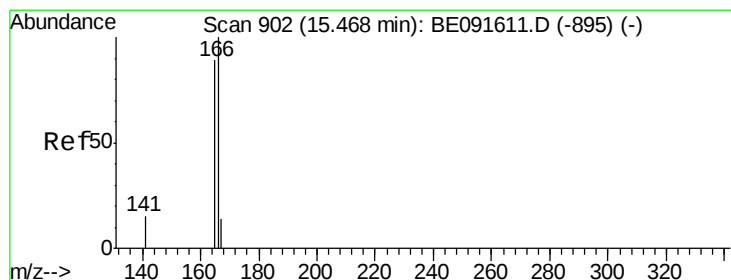
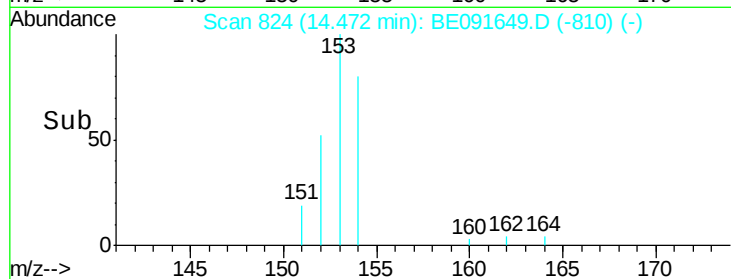
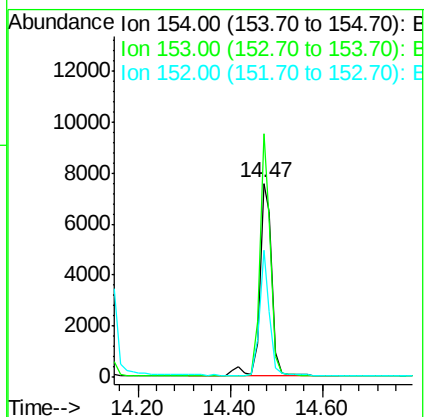
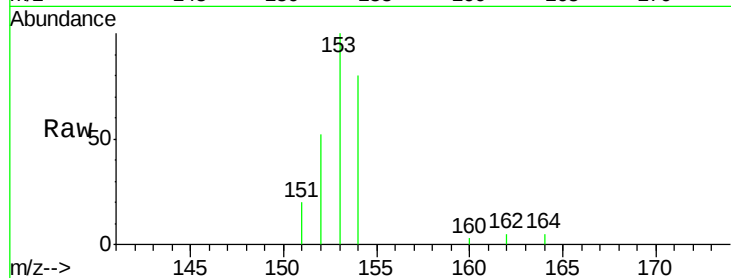
Tgt Ion:154 Resp: 13950

Ion Ratio Lower Upper

154 100

153 109.1 80.0 120.0

152 54.2 40.0 60.0



#18

Fluorene

Concen: 0.39 ng

RT: 15.46 min Scan# 901

Delta R.T. -0.01 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

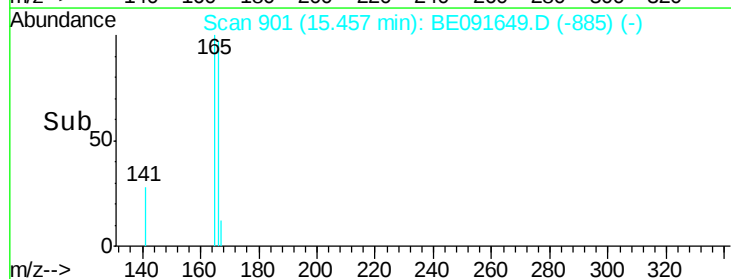
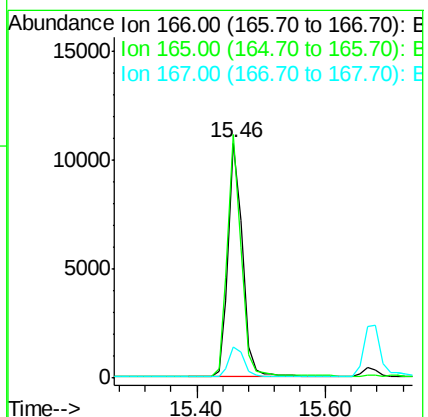
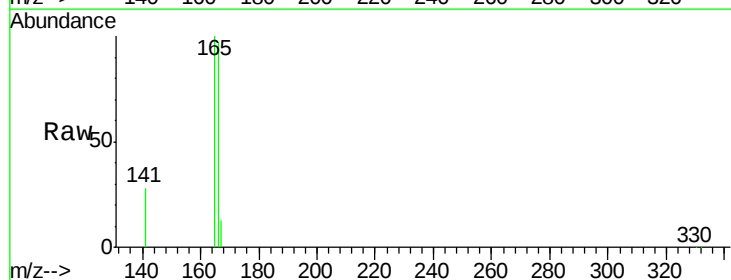
Tgt Ion:166 Resp: 16630

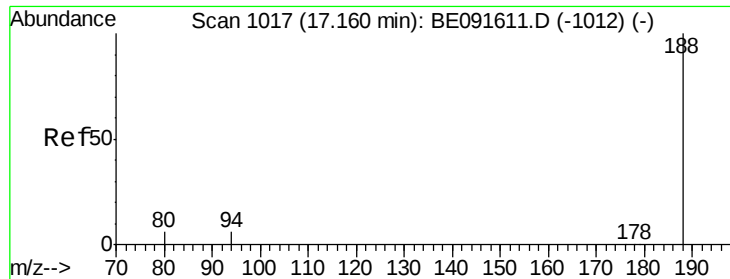
Ion Ratio Lower Upper

166 100

165 100.1 80.8 121.2

167 13.7 10.9 16.3

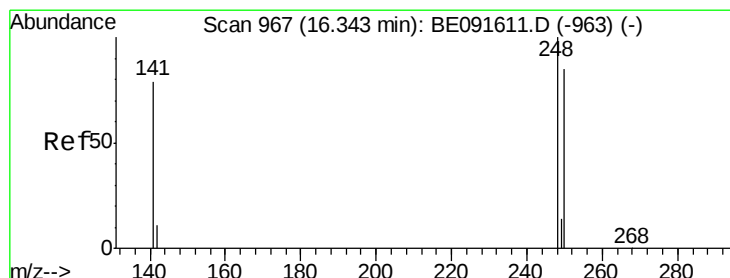
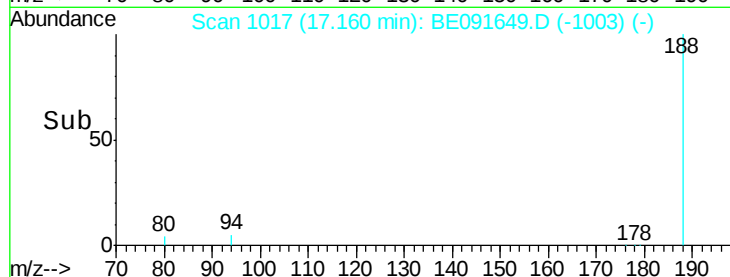
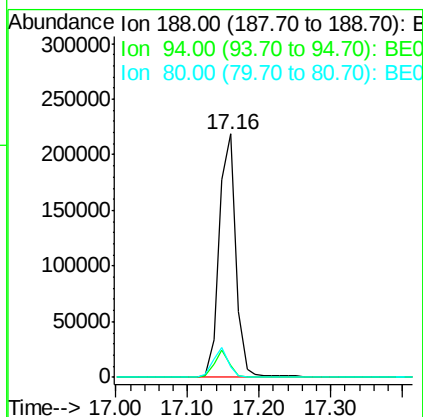
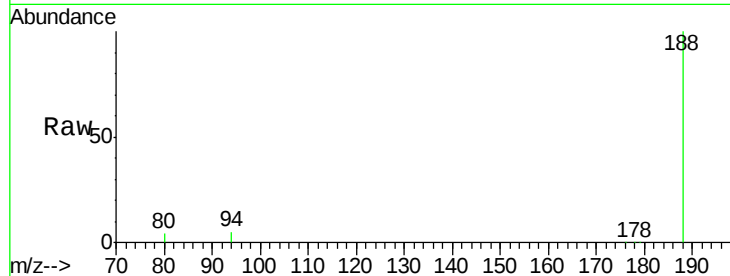




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BE091649.D
Acq: 12 Apr 2016 13:58

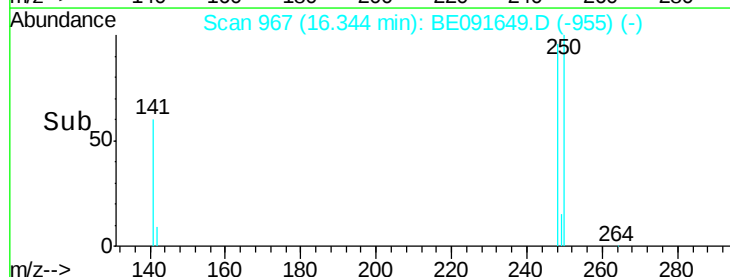
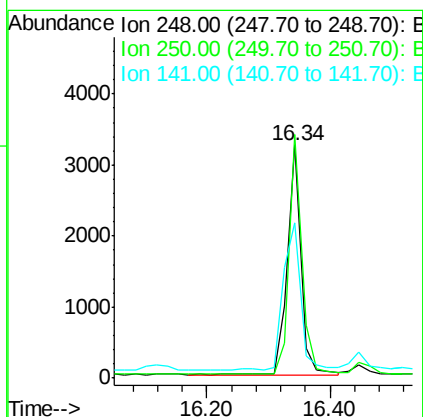
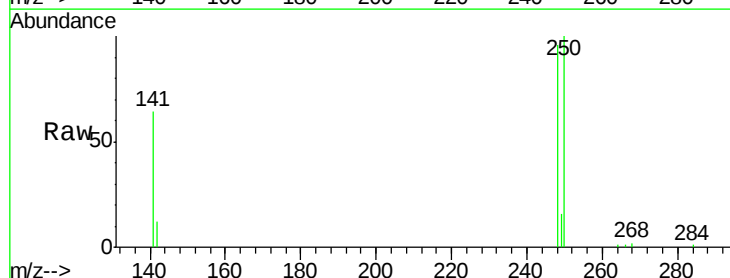
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

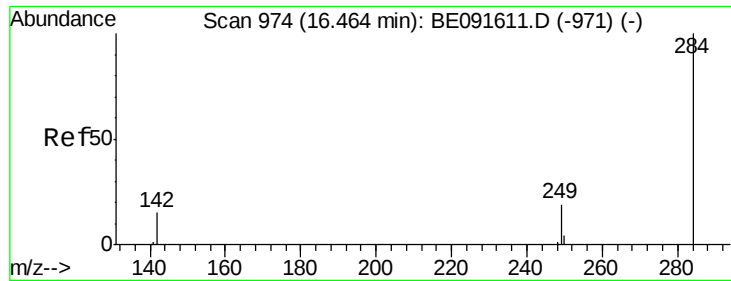
Tgt Ion:188 Resp: 352934
Ion Ratio Lower Upper
188 100
94 4.9 8.7 13.1#
80 4.2 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.34 min Scan# 967
Delta R.T. 0.00 min
Lab File: BE091649.D
Acq: 12 Apr 2016 13:58

Tgt Ion:248 Resp: 4916
Ion Ratio Lower Upper
248 100
250 98.5 80.5 120.7
141 83.9 72.0 108.0

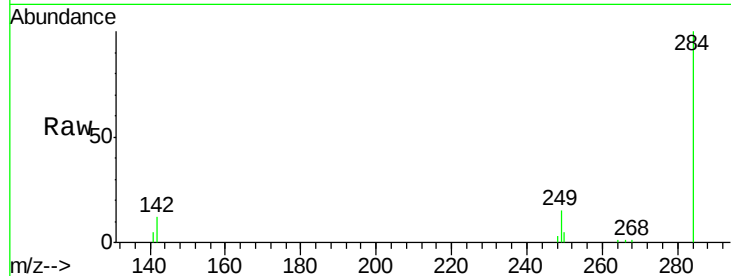




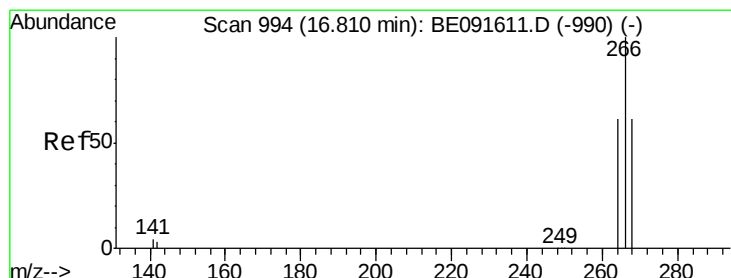
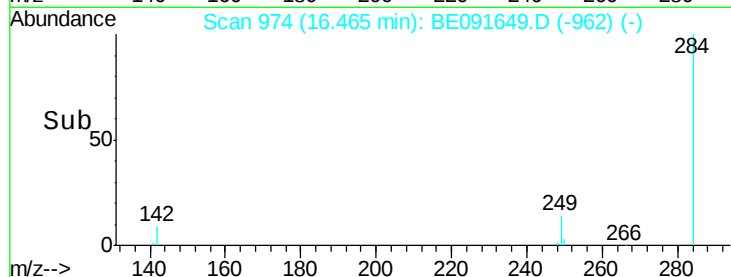
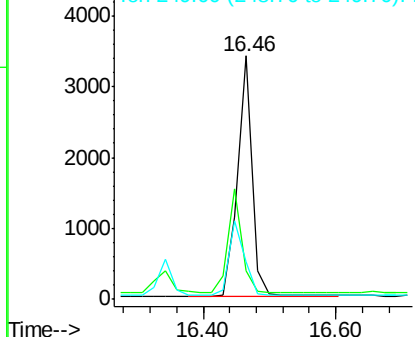
#21
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.46 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091649.D
Acq: 12 Apr 2016 13:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 284 Resp: 5119
Ion Ratio Lower Upper
284 100
142 40.8 32.2 48.2
249 32.7 25.4 38.2

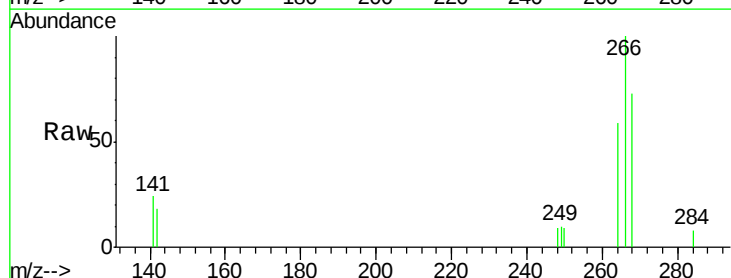


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

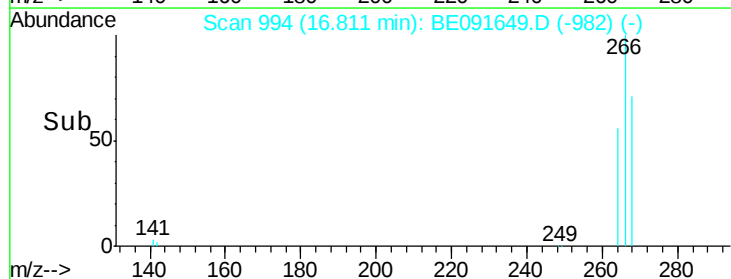
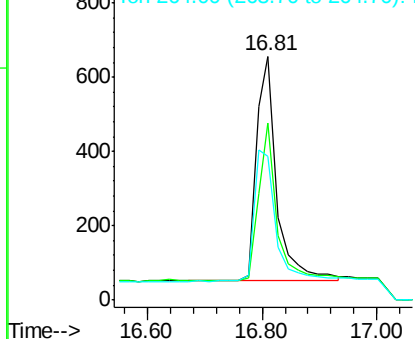


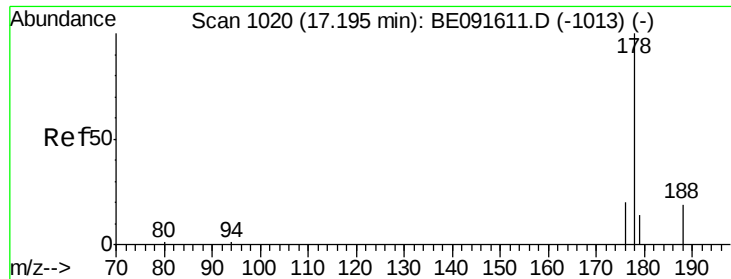
#22
Pentachlorophenol
Concen: 0.44 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE091649.D
Acq: 12 Apr 2016 13:58

Tgt Ion: 266 Resp: 1510
Ion Ratio Lower Upper
266 100
268 72.9 58.2 87.2
264 59.1 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: 0.40 ng

RT: 17.19 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

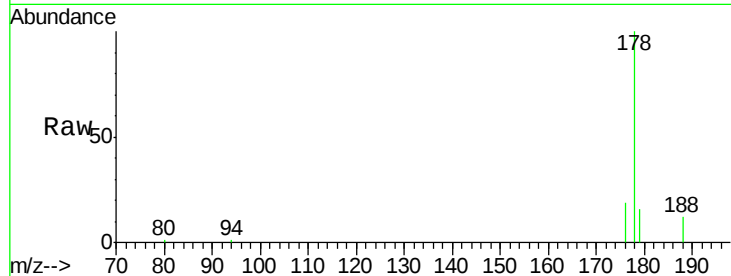
Tgt Ion:178 Resp: 32294

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

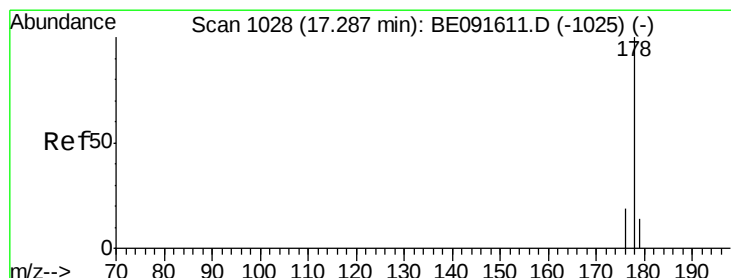
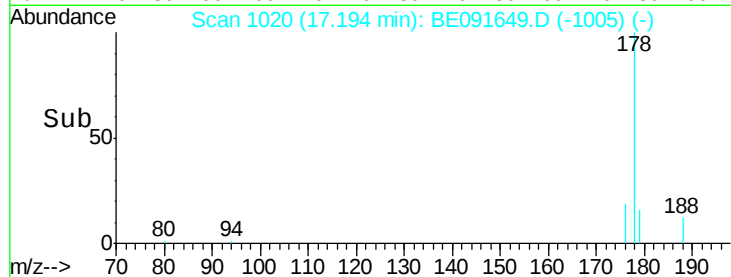
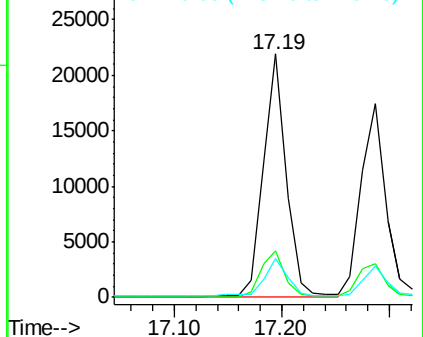
179 16.2 12.6 18.8



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: 0.39 ng

RT: 17.29 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

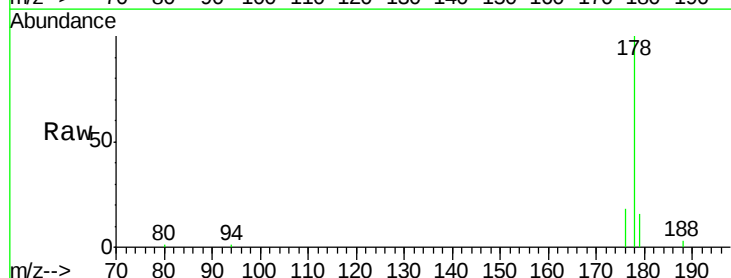
Tgt Ion:178 Resp: 28048

Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

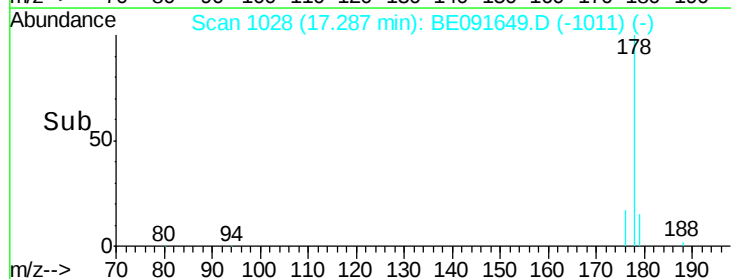
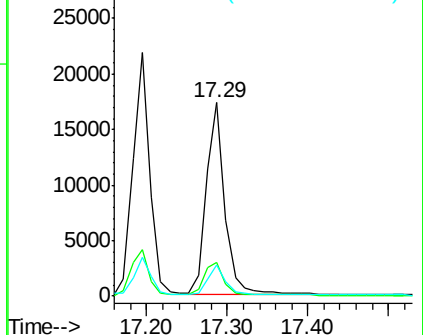
179 14.9 11.8 17.6

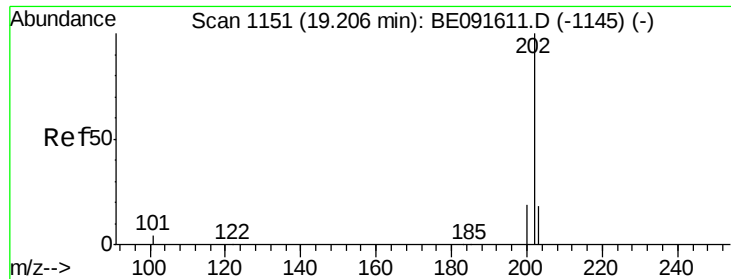


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

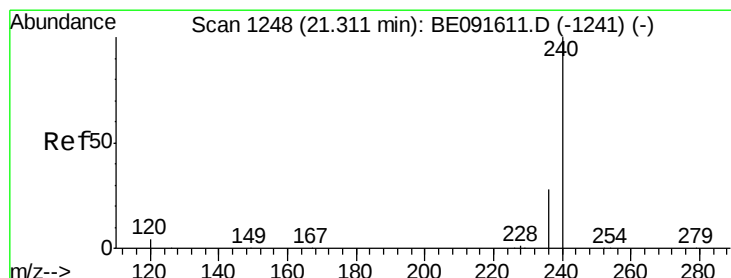
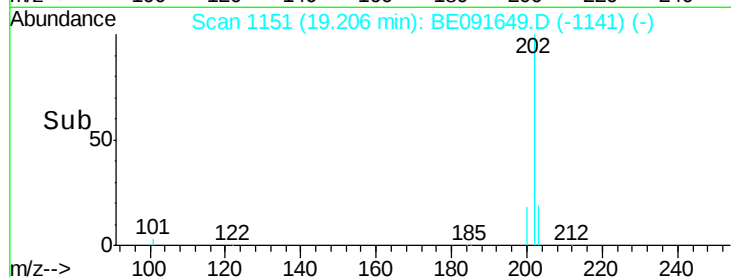
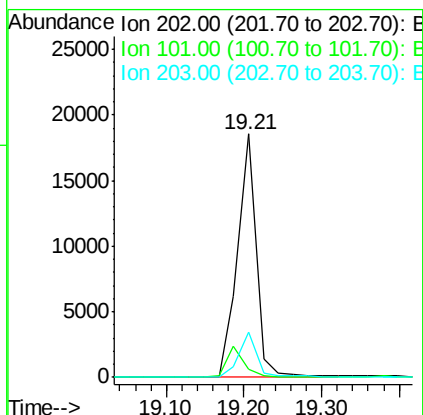
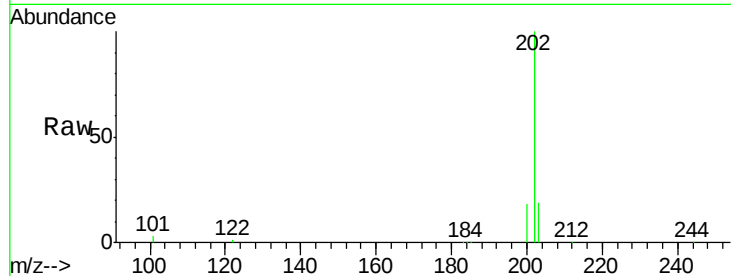




#25
Fluoranthene
Concen: 0.36 ng
RT: 19.21 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE091649.D
Acq: 12 Apr 2016 13:58

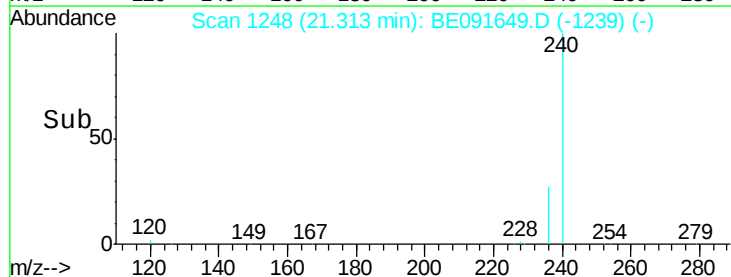
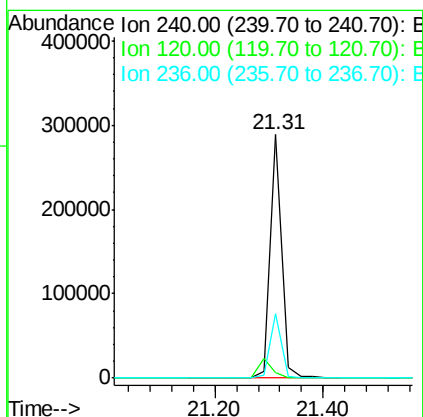
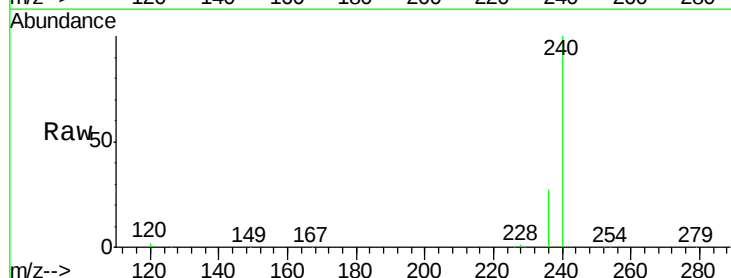
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

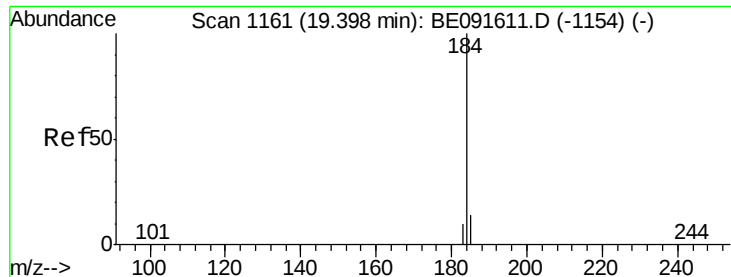
Tgt Ion: 202 Resp: 30821
Ion Ratio Lower Upper
202 100
101 11.6 11.0 16.6
203 17.5 13.9 20.9



#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091649.D
Acq: 12 Apr 2016 13:58

Tgt Ion: 240 Resp: 436316
Ion Ratio Lower Upper
240 100
120 2.4 11.0 16.4#
236 26.6 21.7 32.5





#27

Benzidine

Concen: 0.51 ng

RT: 19.38 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

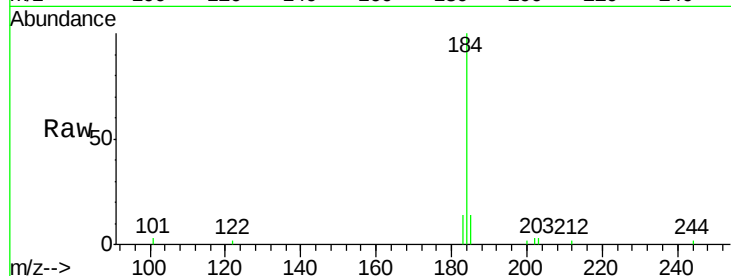
Tgt Ion:184 Resp: 8167

Ion Ratio Lower Upper

184 100

185 14.4 22.3 33.5#

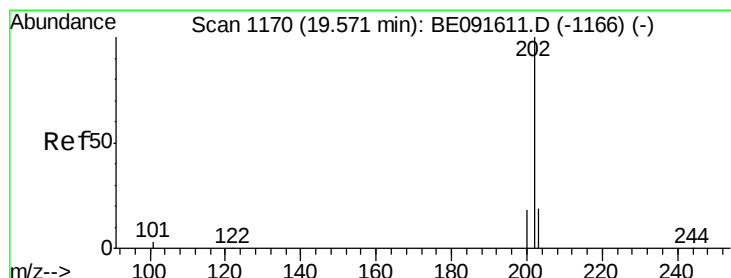
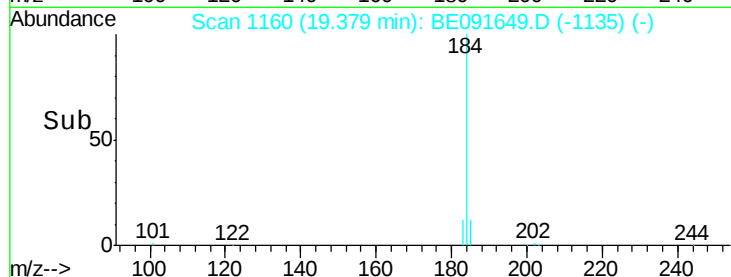
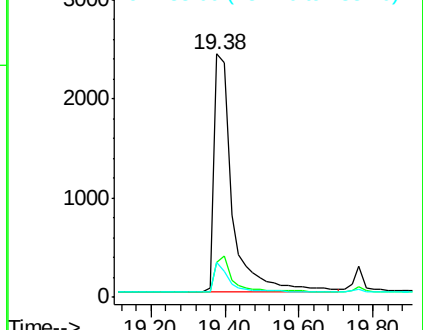
183 14.2 16.4 24.6#



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: 0.37 ng

RT: 19.57 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

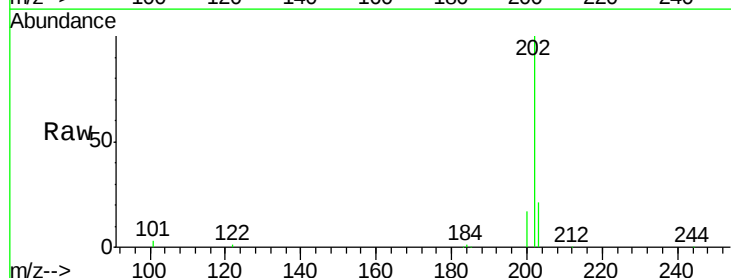
Tgt Ion:202 Resp: 32039

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

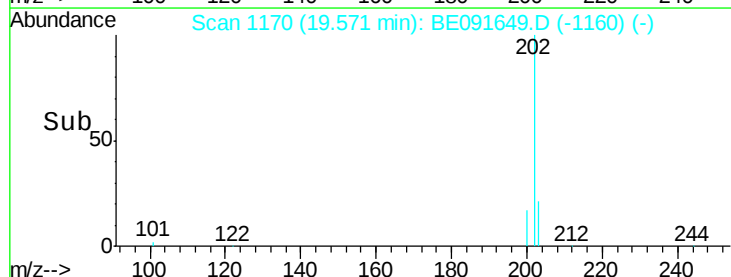
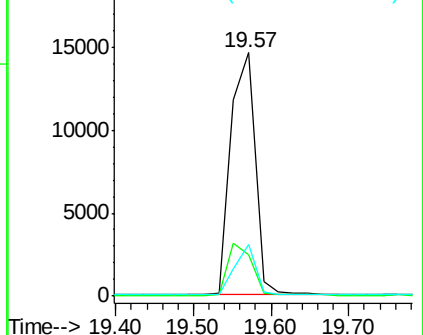
203 17.6 14.0 21.0

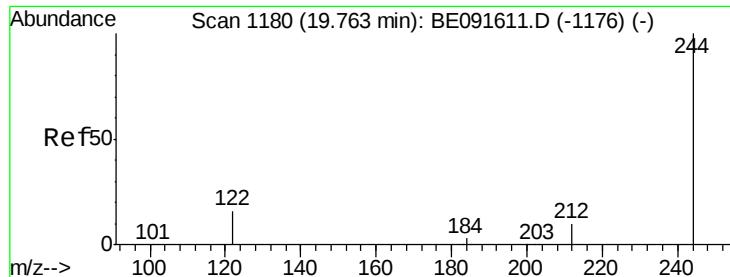


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

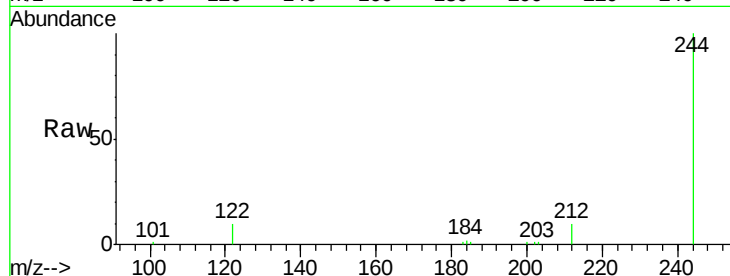
Tgt Ion:244 Resp: 21613

Ion Ratio Lower Upper

244 100

212 9.5 6.9 10.3

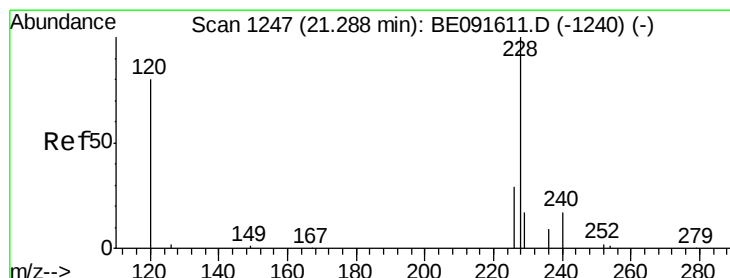
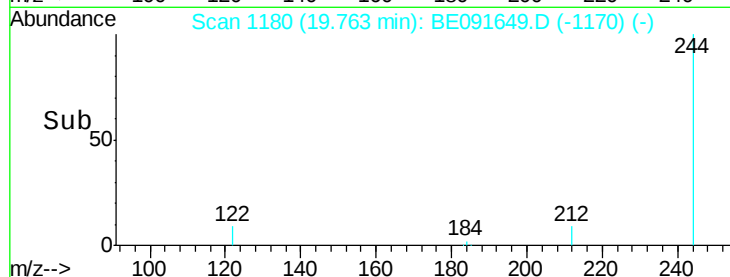
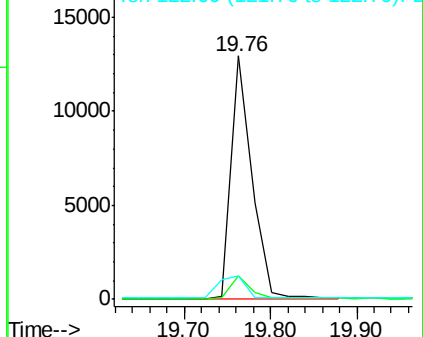
122 9.6 11.0 16.4#



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: 0.75 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

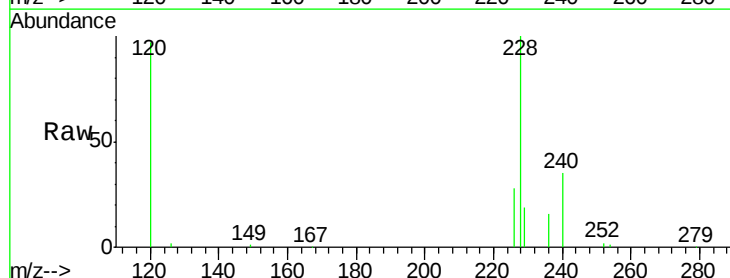
Tgt Ion:228 Resp: 73372

Ion Ratio Lower Upper

228 100

226 27.5 21.0 31.4

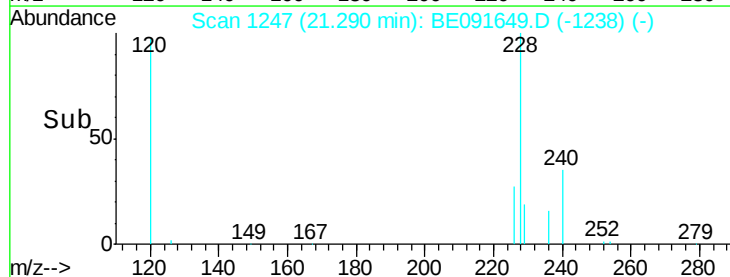
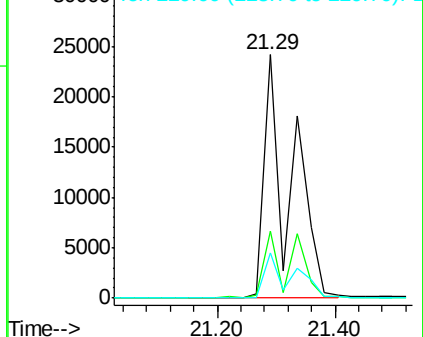
229 18.7 15.7 23.5

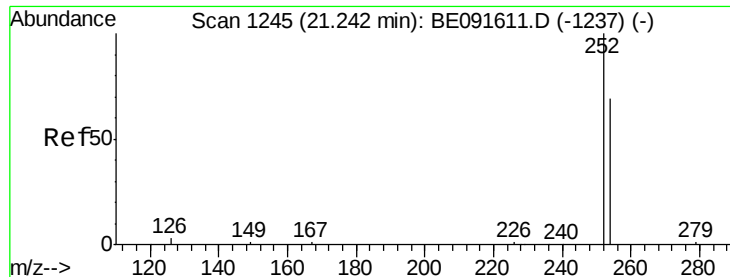


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

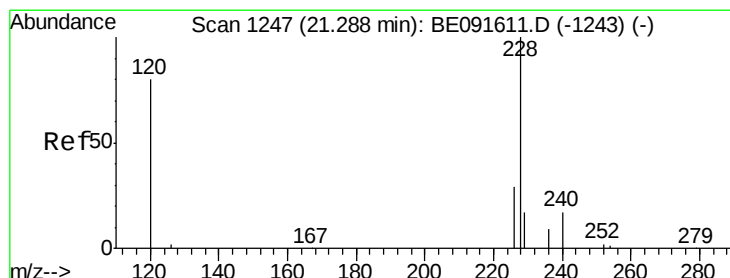
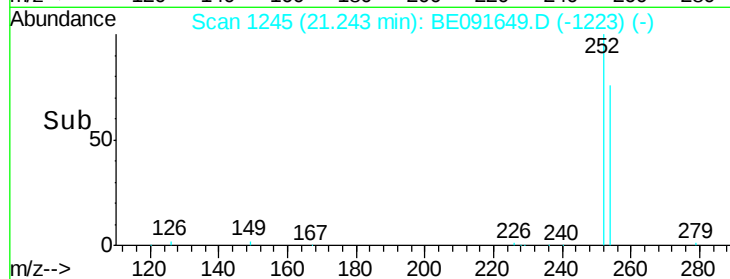
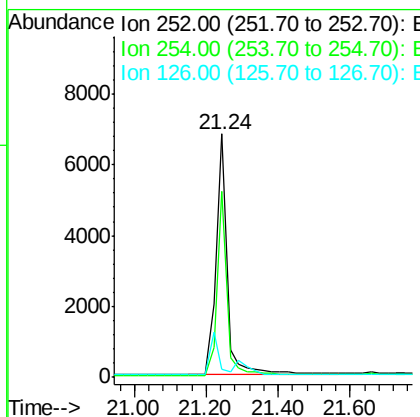
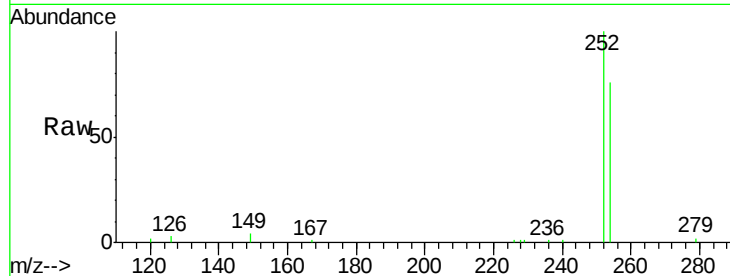




#31
 3,3'-Dichlorobenzidine
 Concen: 0.36 ng
 RT: 21.24 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BE091649.D
 Acq: 12 Apr 2016 13:58

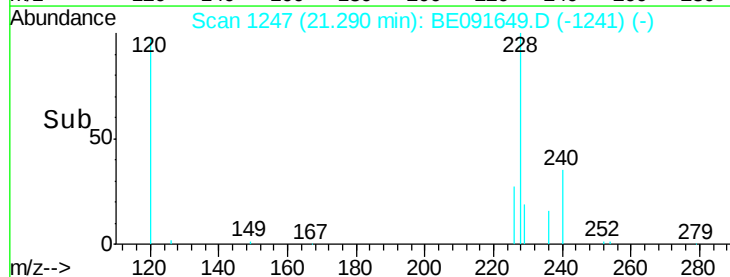
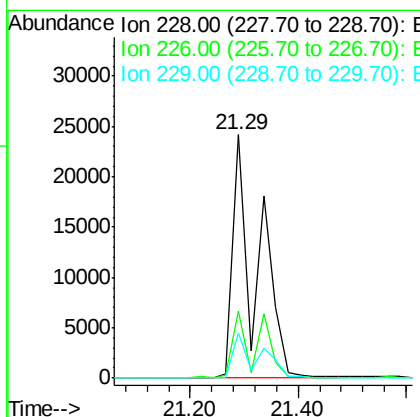
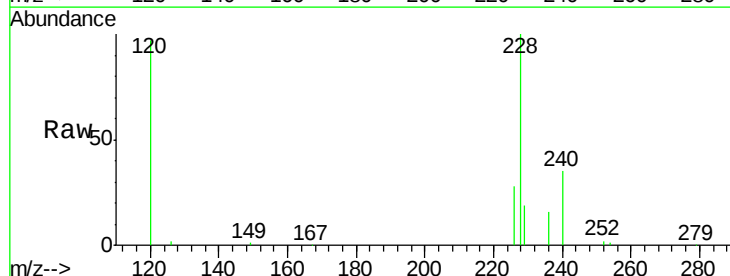
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

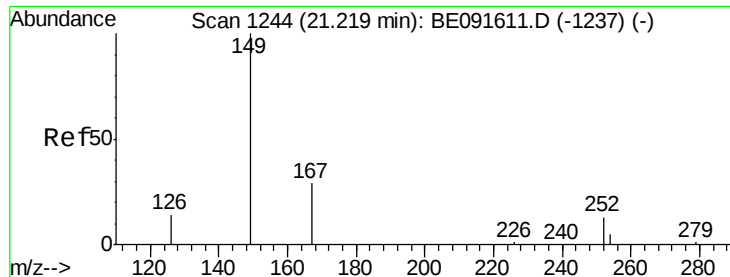
Tgt Ion:252 Resp: 14535
 Ion Ratio Lower Upper
 252 100
 254 76.4 51.1 76.7
 126 3.2 12.6 18.8#



#32
 Chrysene
 Concen: 0.83 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.07 min
 Lab File: BE091649.D
 Acq: 12 Apr 2016 13:58

Tgt Ion:228 Resp: 73851
 Ion Ratio Lower Upper
 228 100
 226 27.5 24.0 36.0
 229 18.7 15.9 23.9

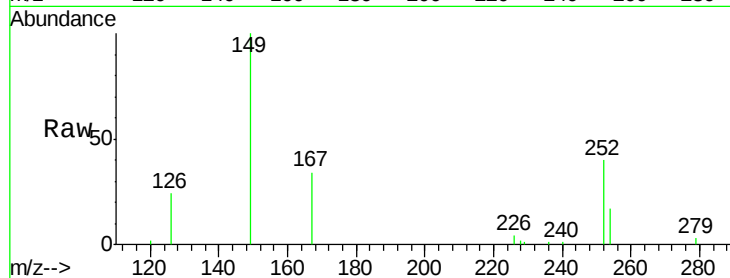




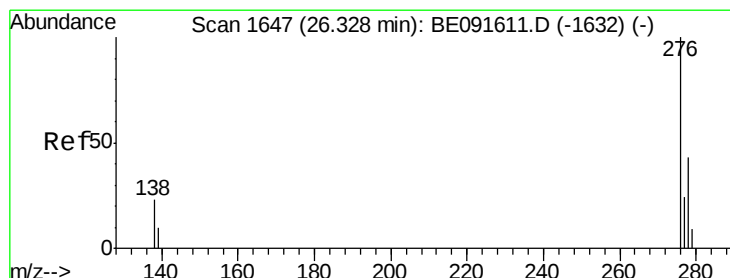
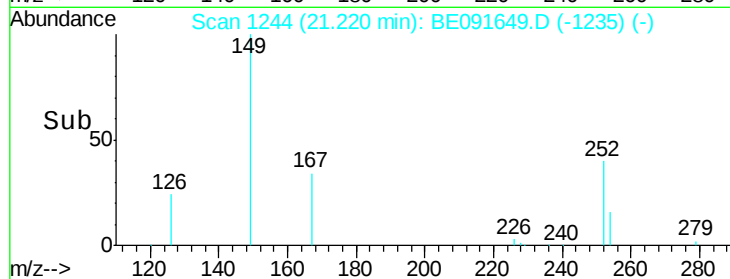
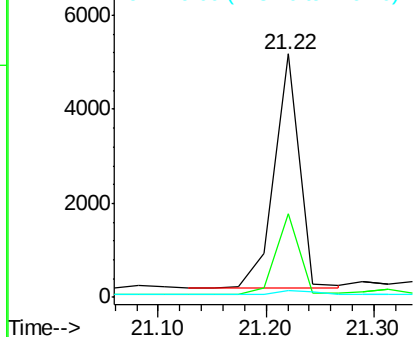
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.37 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BE091649.D
 Acq: 12 Apr 2016 13:58

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:149 Resp: 8086
 Ion Ratio Lower Upper
 149 100
 167 31.6 19.5 29.3#
 279 2.8 10.0 15.0#

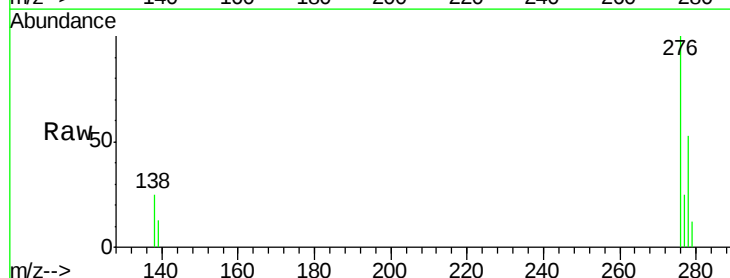


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

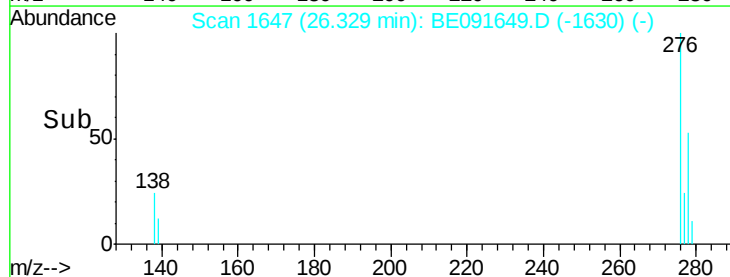
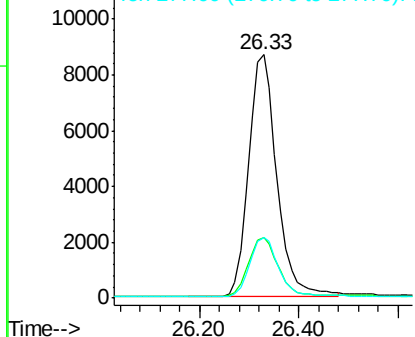


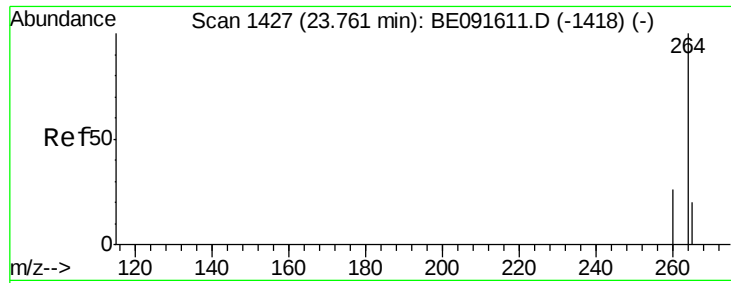
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.35 ng
 RT: 26.33 min Scan# 1647
 Delta R.T. 0.00 min
 Lab File: BE091649.D
 Acq: 12 Apr 2016 13:58

Tgt Ion:276 Resp: 34615
 Ion Ratio Lower Upper
 276 100
 138 25.8 23.4 35.2
 277 24.9 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

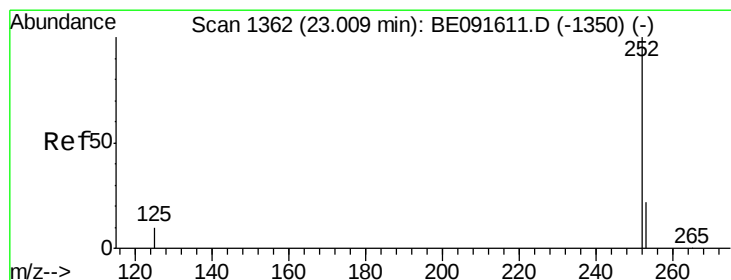
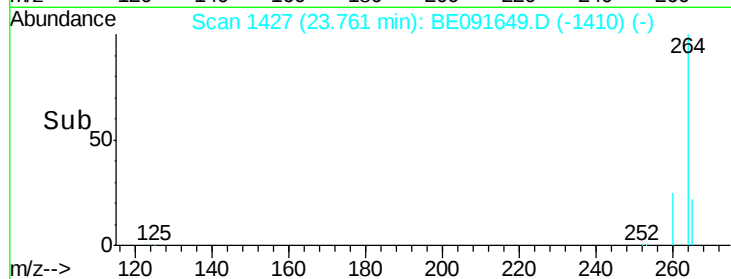
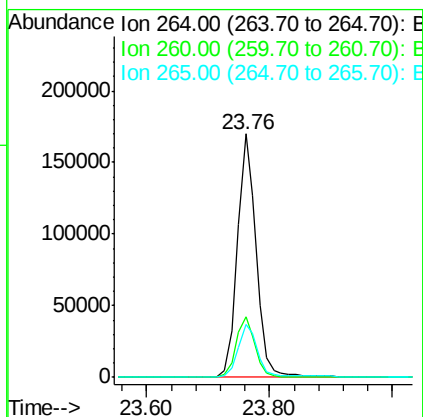
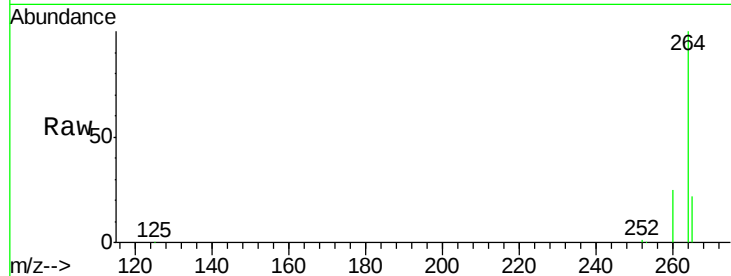




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.76 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BE091649.D
 Acq: 12 Apr 2016 13:58

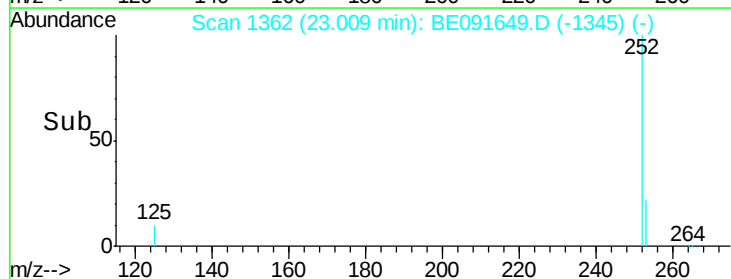
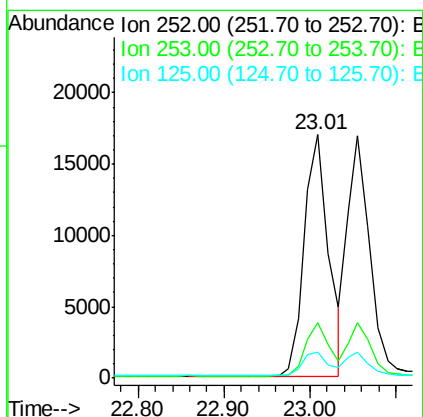
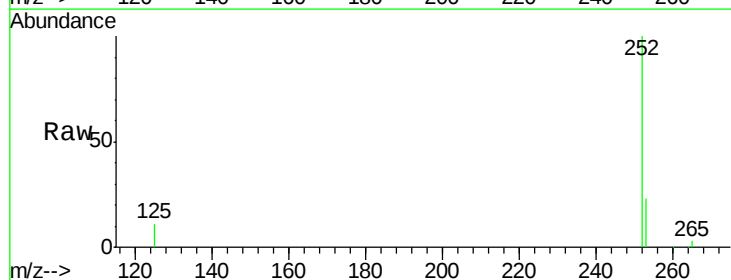
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

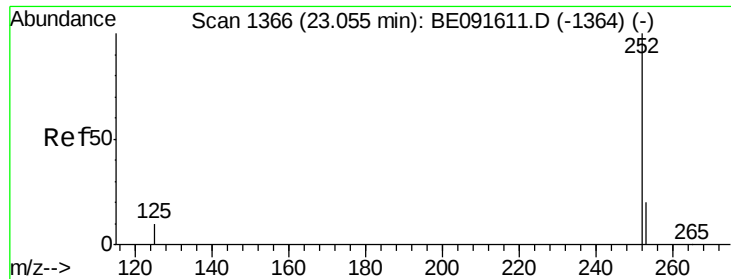
Tgt Ion: 264 Resp: 361673
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.0 30.0
 265 21.8 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 0.40 ng
 RT: 23.01 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BE091649.D
 Acq: 12 Apr 2016 13:58

Tgt Ion: 252 Resp: 33399
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.4 26.0
 125 10.5 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 0.37 ng

RT: 23.06 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

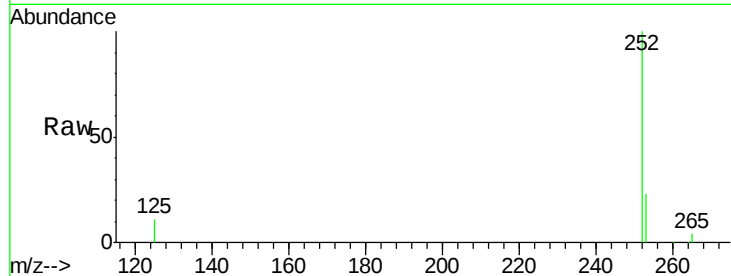
Tgt Ion:252 Resp: 30955

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

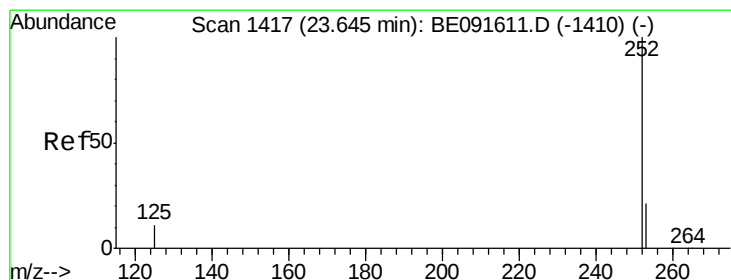
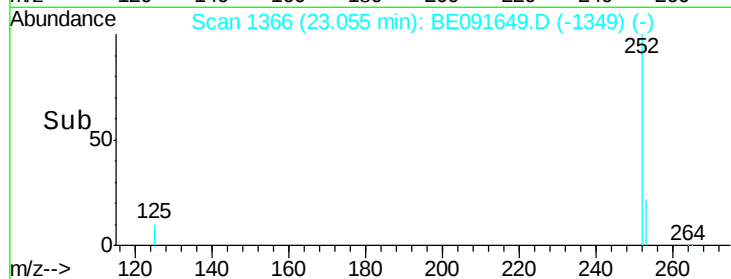
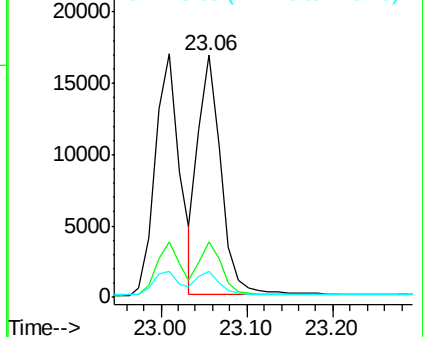
125 10.7 9.9 14.9



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: 0.36 ng

RT: 23.65 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

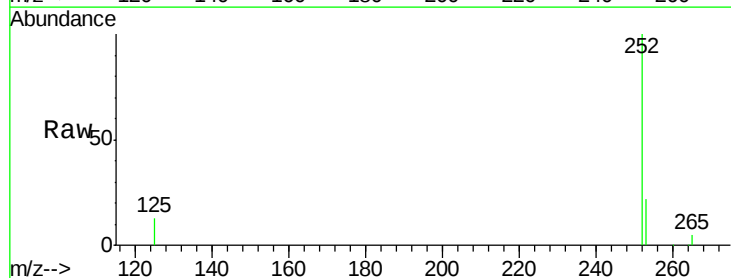
Tgt Ion:252 Resp: 28332

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

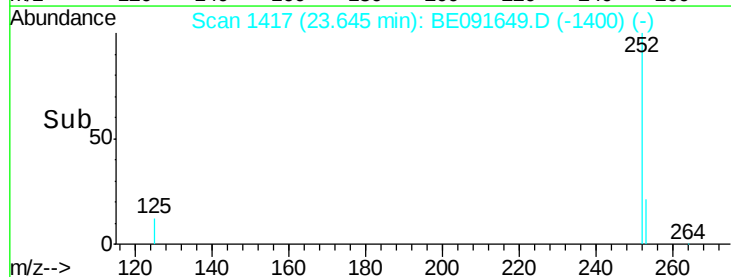
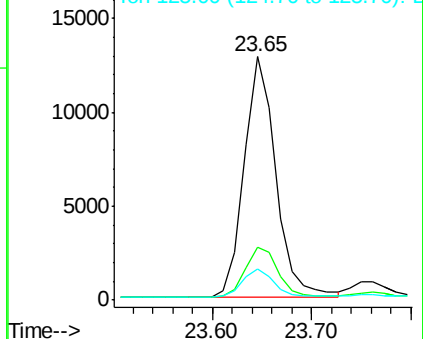
125 12.9 11.0 16.4

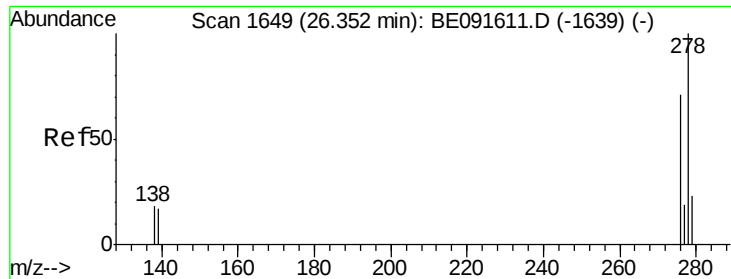


Abundance Ion 252.00 (251.70 to 252.70): E

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: 26.35 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

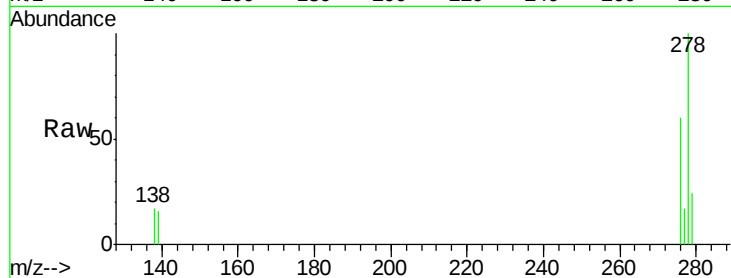
Tgt Ion: 278 Resp: 29007

Ion Ratio Lower Upper

278 100

139 16.1 16.0 24.0

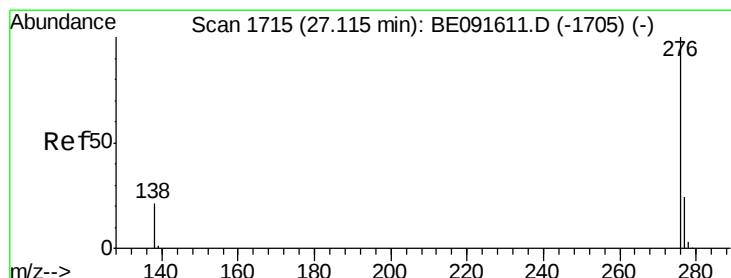
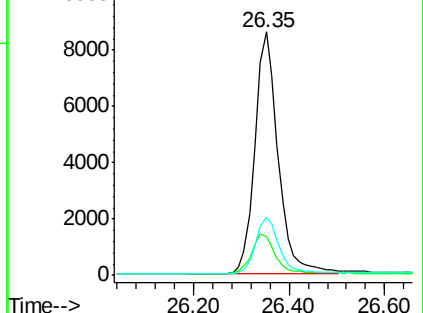
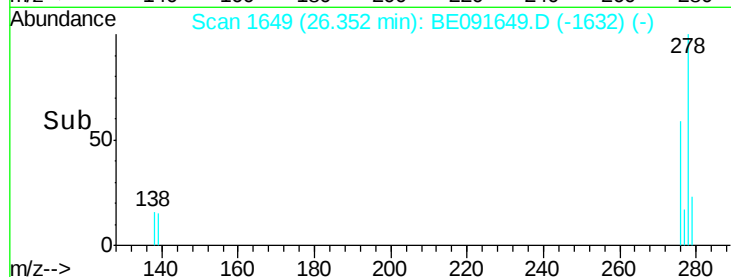
279 23.8 19.4 29.2



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: 0.37 ng

RT: 27.12 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

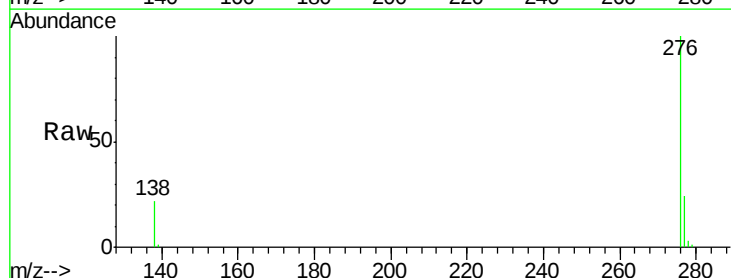
Tgt Ion: 276 Resp: 29078

Ion Ratio Lower Upper

276 100

277 24.4 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

