

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042916\
 Data File : BE091739.D
 Acq On : 29 Apr 2016 19:07
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Apr 29 23:08:24 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	34264	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	155008	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	87983	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	229898	5.00	ng	0.00
26) Chrysene-d12	21.31	240	245315	5.00	ng	0.00
35) Perylene-d12	23.74	264	261165	5.00	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	2931	0.35	ng	0.00
5) Phenol-d6	6.97	99	3663	0.33	ng	0.02
8) Nitrobenzene-d5	8.96	82	3268	0.33	ng	0.01
14) 2,4,6-Tribromophenol	15.90	330	826	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	9930	0.40	ng	0.00
29) Terphenyl-d14	19.76	244	16119	0.42	ng	0.00

Target Compounds

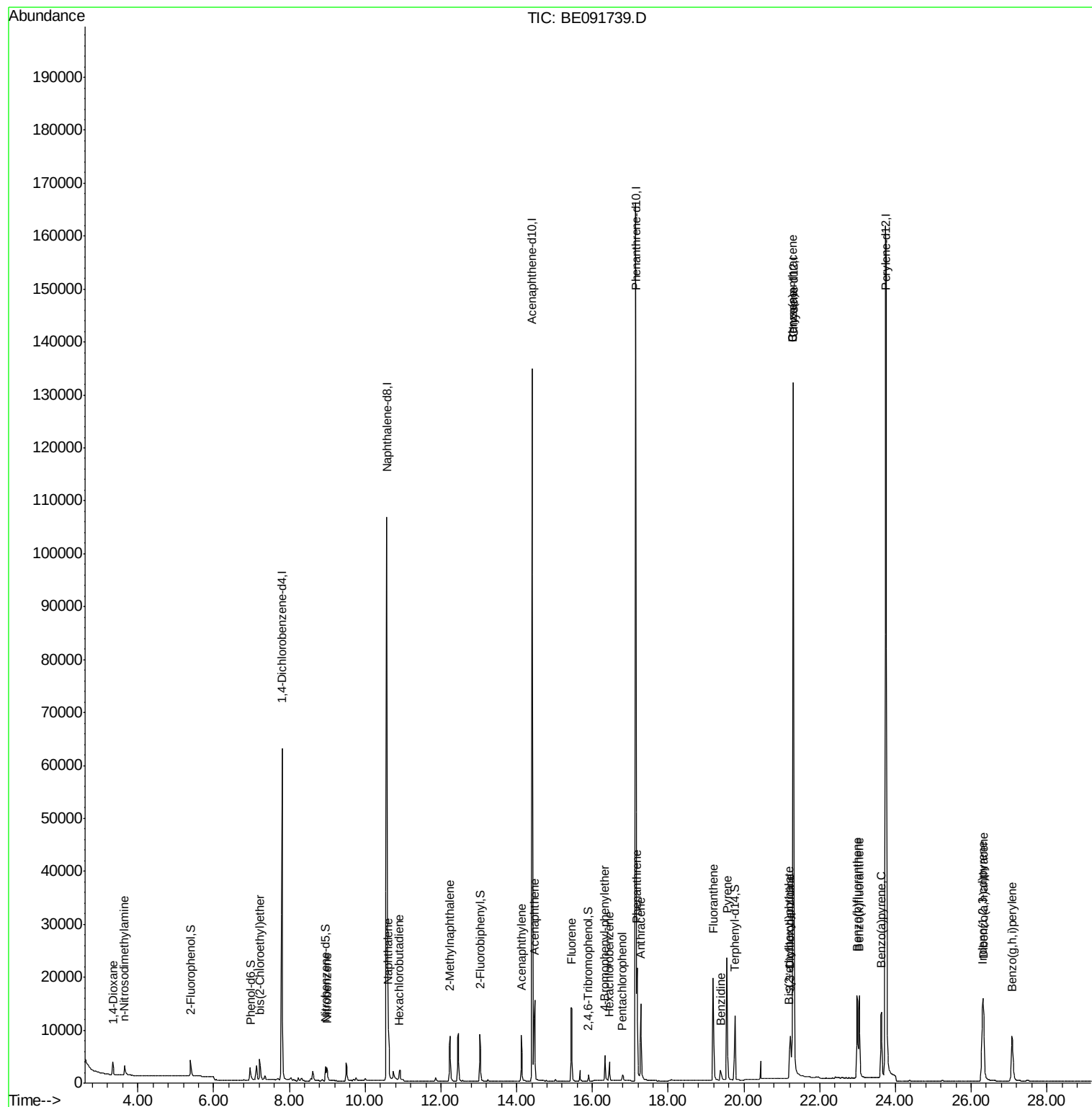
						Qvalue
2) 1,4-Dioxane	3.35	88	1760	0.35	ng	96
3) n-Nitrosodimethylamine	3.64	42	2044	0.33	ng	# 91
6) bis(2-Chloroethyl)ether	7.21	93	3692	0.38	ng	# 78
9) Nitrobenzene	8.99	77	3329	0.32	ng	96
10) Naphthalene	10.61	128	12744	0.41	ng	97
11) Hexachlorobutadiene	10.90	225	2482	0.54	ng	92
12) 2-Methylnaphthalene	12.24	142	7689	0.38	ng	95
16) Acenaphthylene	14.12	152	12939	0.38	ng	# 79
17) Acenaphthene	14.47	154	8436	0.38	ng	85
18) Fluorene	15.46	166	10661	0.39	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	3064	0.37	ng	97
21) Hexachlorobenzene	16.45	284	3304	0.40	ng	98
22) Pentachlorophenol	16.79	266	967	0.31	ng	93
23) Phenanthrene	17.18	178	21187	0.41	ng	99
24) Anthracene	17.28	178	17690	0.38	ng	99
25) Fluoranthene	19.19	202	22110	0.40	ng	# 96
27) Benzidine	19.38	184	4228	0.37	ng	# 81
28) Pyrene	19.55	202	23950	0.43	ng	99
30) Benzo(a)anthracene	21.29	228	23519	0.39	ng	# 91
31) 3,3'-Dichlorobenzidine	21.22	252	10302	0.34	ng	# 85
32) Chrysene	21.29	228	23519	0.38	ng	# 88
33) Bis(2-ethylhexyl)phthalate	21.20	149	6990	0.39	ng	# 85
34) Indeno(1,2,3-cd)pyrene	26.29	276	25333	0.46	ng	97
36) Benzo(b)fluoranthene	22.99	252	25779	0.42	ng	99
37) Benzo(k)fluoranthene	23.04	252	21658	0.35	ng	96
38) Benzo(a)pyrene	23.63	252	21649	0.38	ng	96
39) Dibenzo(a,h)anthracene	26.32	278	20789	0.38	ng	97
40) Benzo(g,h,i)perylene	27.08	276	20874	0.38	ng	97

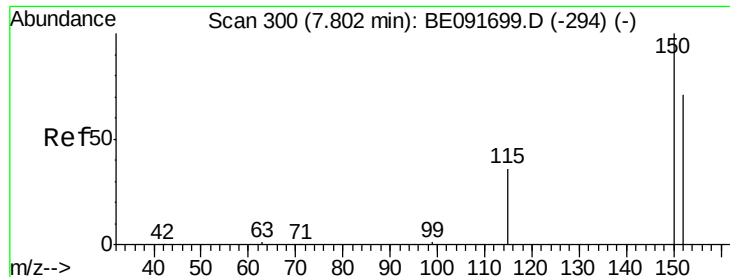
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091739.D

Acq: 29 Apr 2016 19:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

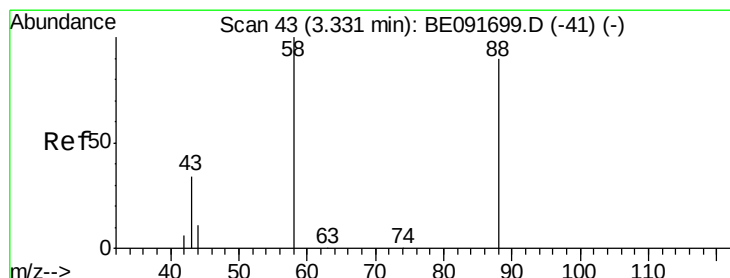
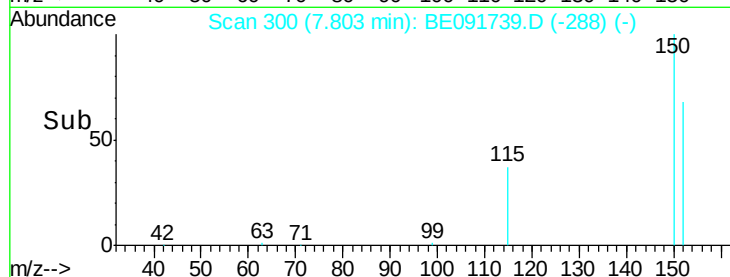
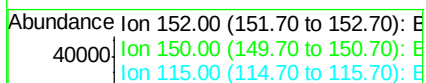
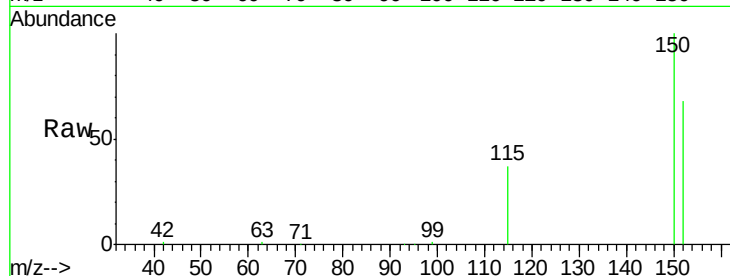
Tgt Ion:152 Resp: 34264

Ion Ratio Lower Upper

152 100

150 147.8 122.6 183.8

115 55.3 52.8 79.2



#2

1,4-Dioxane

Concen: 0.35 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.02 min

Lab File: BE091739.D

Acq: 29 Apr 2016 19:07

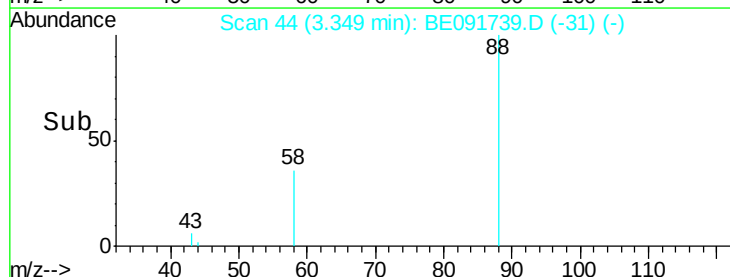
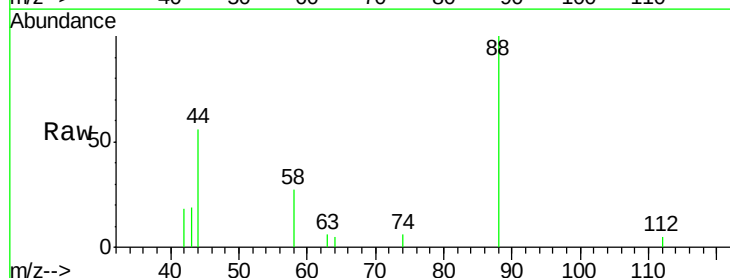
Tgt Ion: 88 Resp: 1760

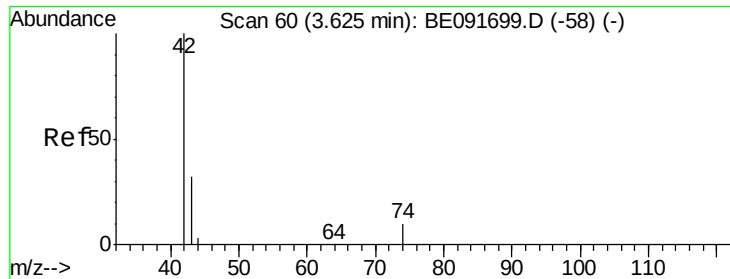
Ion Ratio Lower Upper

88 100

58 83.5 65.8 98.6

43 37.4 25.3 37.9





#3

n-Nitrosodimethylamine

Concen: 0.33 ng

RT: 3.64 min Scan# 61

Delta R.T. 0.02 min

Lab File: BE091739.D

Acq: 29 Apr 2016 19:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

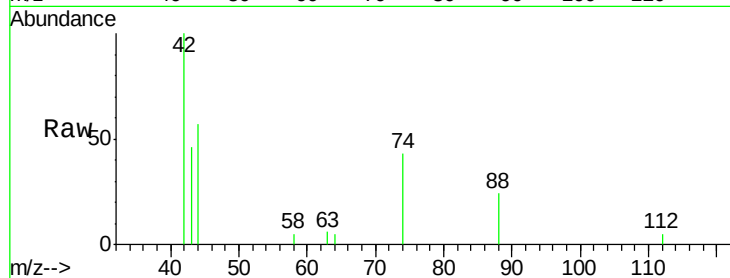
Tgt Ion: 42 Resp: 2044

Ion Ratio Lower Upper

42 100

74 100.6 87.9 131.9

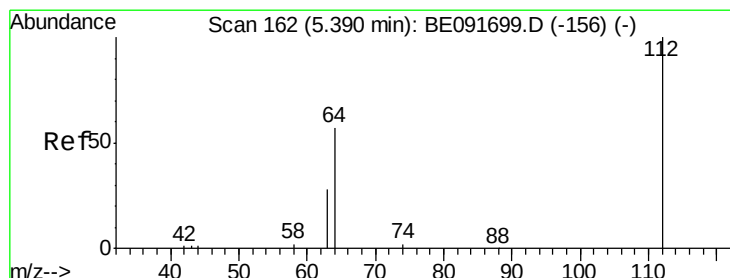
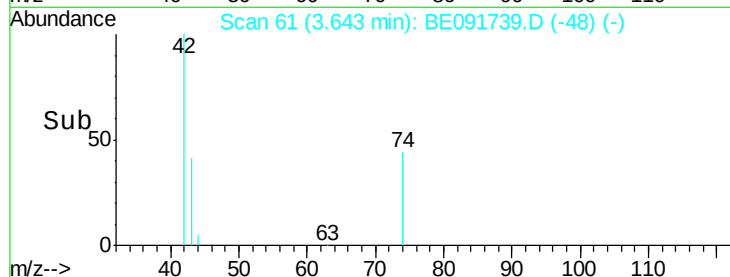
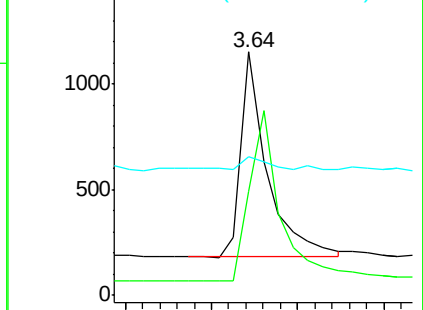
44 5.9 6.6 9.8#



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: 0.35 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091739.D

Acq: 29 Apr 2016 19:07

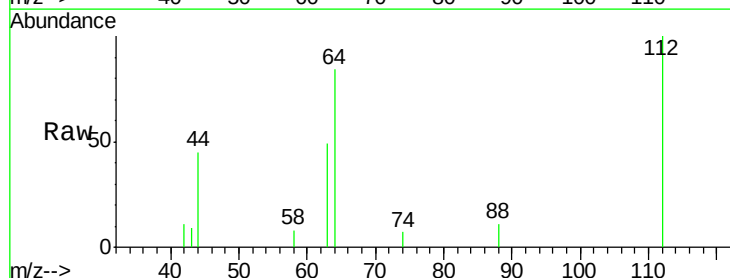
Tgt Ion: 112 Resp: 2931

Ion Ratio Lower Upper

112 100

64 67.8 30.9 46.3#

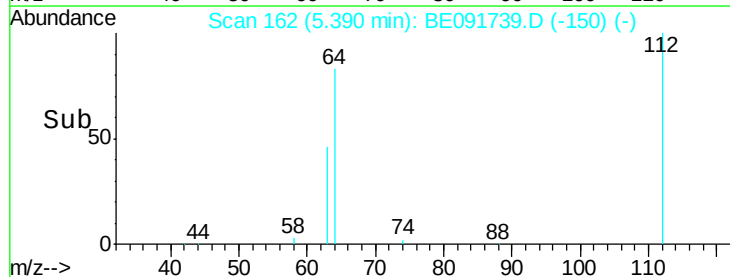
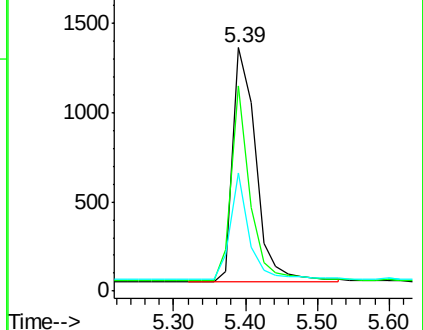
63 37.9 16.7 25.1#

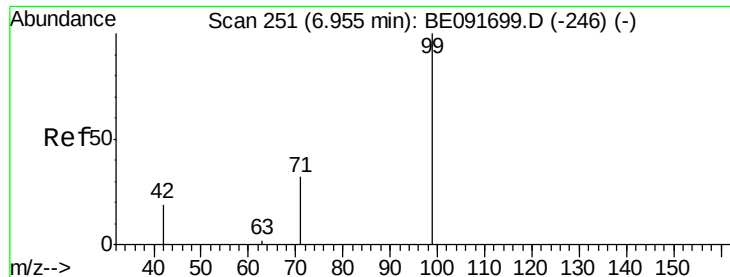


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.33 ng

RT: 6.97 min Scan# 252

Delta R.T. 0.02 min

Lab File: BE091739.D

Acq: 29 Apr 2016 19:07

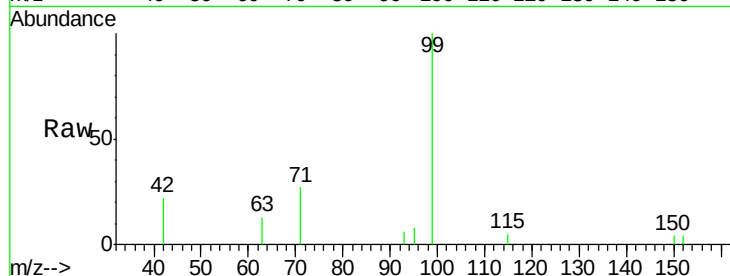
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

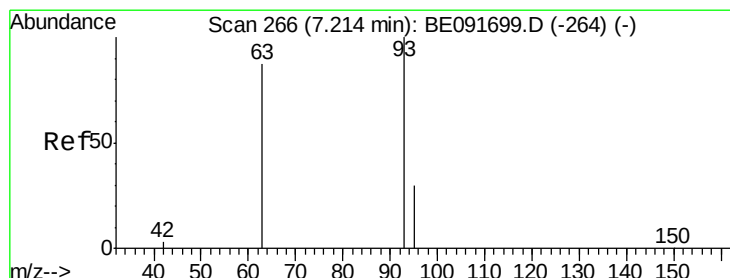
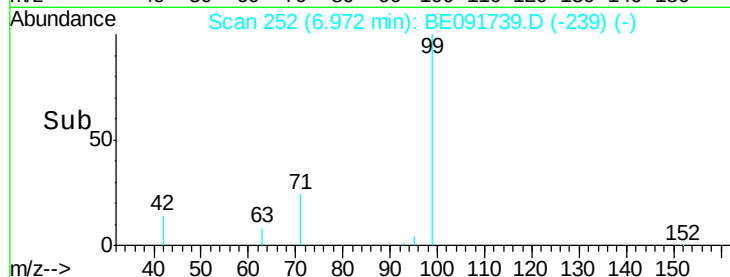
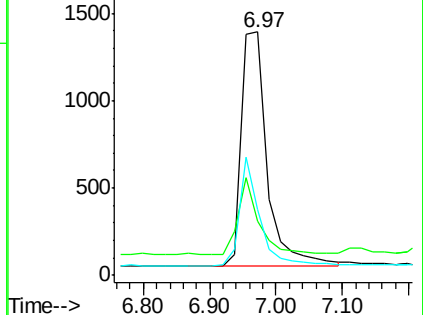
Tgt Ion:	99	Resp:	3663
Ion	Ratio	Lower	Upper
99	100		
42	26.1	16.2	24.2#
71	35.5	29.0	43.4



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

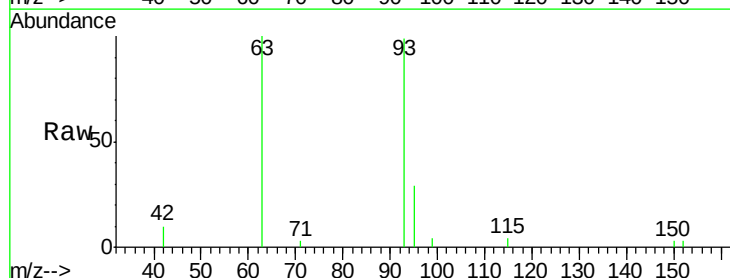
RT: 7.21 min Scan# 266

Delta R.T. 0.00 min

Lab File: BE091739.D

Acq: 29 Apr 2016 19:07

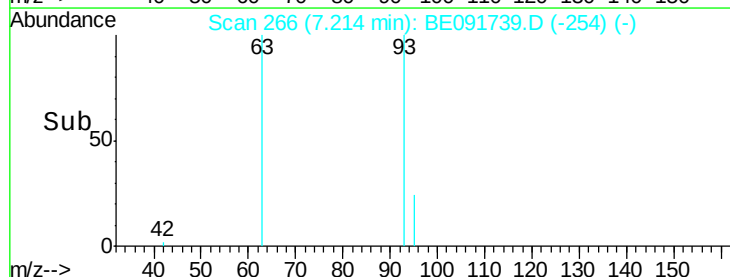
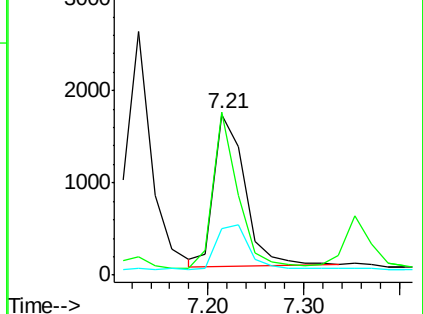
Tgt Ion:	93	Resp:	3692
Ion	Ratio	Lower	Upper
93	100		
63	83.8	49.5	74.3#
95	31.9	22.2	33.4

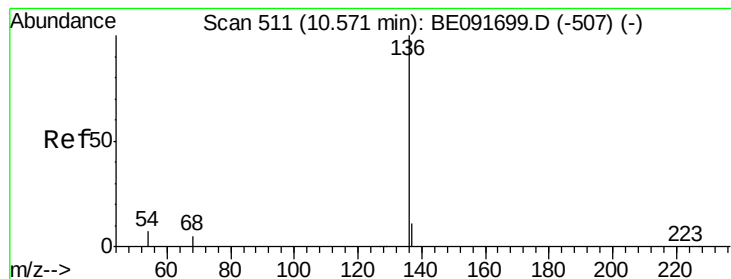


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE091739.D

Acq: 29 Apr 2016 19:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 155008

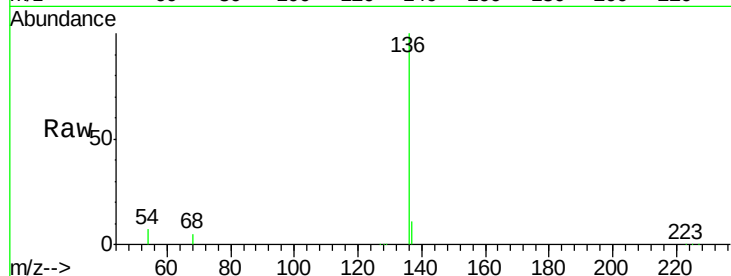
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.7 8.2 12.4#

68 4.9 6.2 9.4#

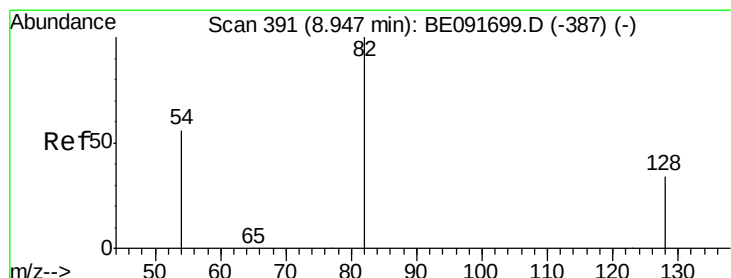
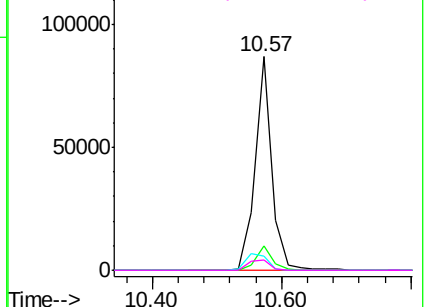
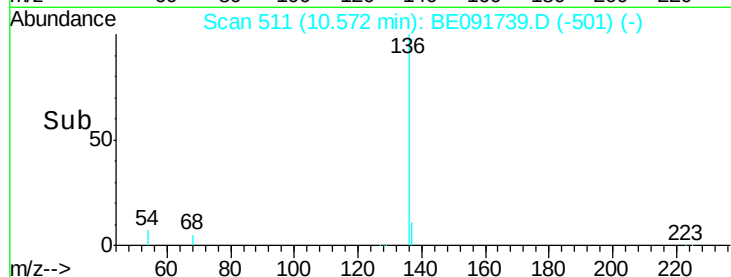


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.33 ng

RT: 8.96 min Scan# 392

Delta R.T. 0.01 min

Lab File: BE091739.D

Acq: 29 Apr 2016 19:07

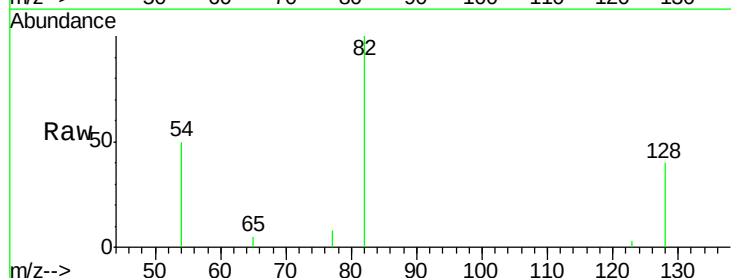
Tgt Ion: 82 Resp: 3268

Ion Ratio Lower Upper

82 100

128 39.8 25.4 38.0#

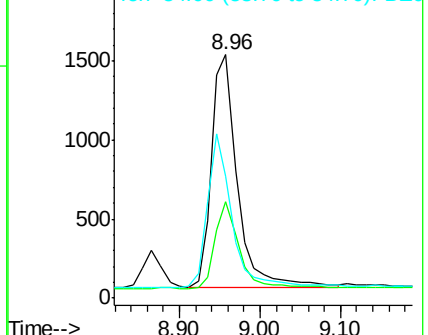
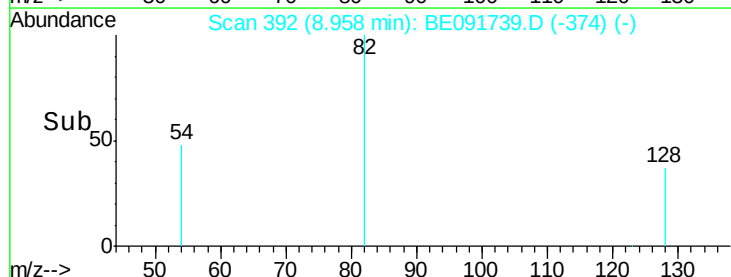
54 50.0 48.4 72.6

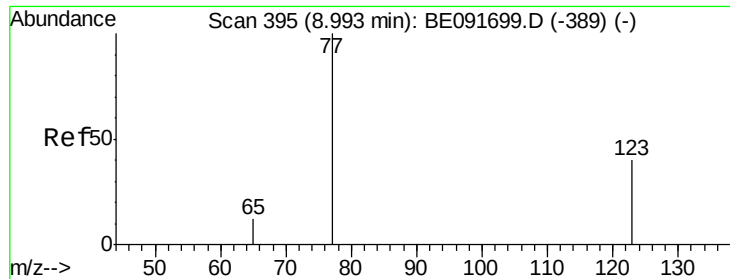


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.32 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE091739.D

Acq: 29 Apr 2016 19:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

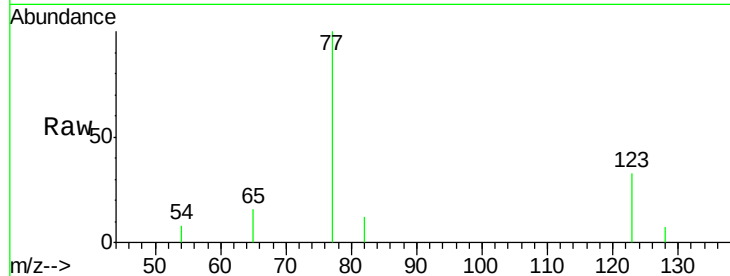
Tgt Ion: 77 Resp: 3329

Ion Ratio Lower Upper

77 100

123 36.2 26.9 40.3

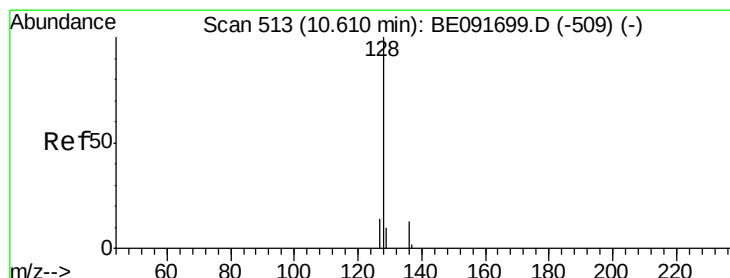
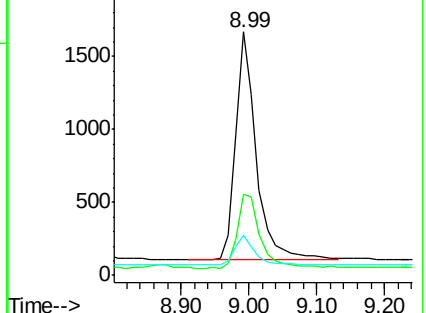
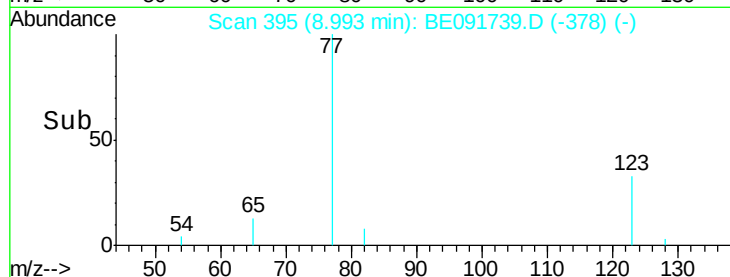
65 13.3 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE091739.D (-378) (-)

Ion 123.00 (122.70 to 123.70): BE091739.D (-378) (-)

Ion 65.00 (64.70 to 65.70): BE091739.D (-378) (-)



#10

Naphthalene

Concen: 0.41 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091739.D

Acq: 29 Apr 2016 19:07

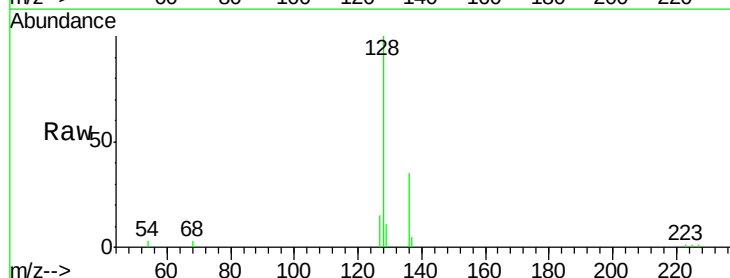
Tgt Ion: 128 Resp: 12744

Ion Ratio Lower Upper

128 100

129 10.8 9.3 13.9

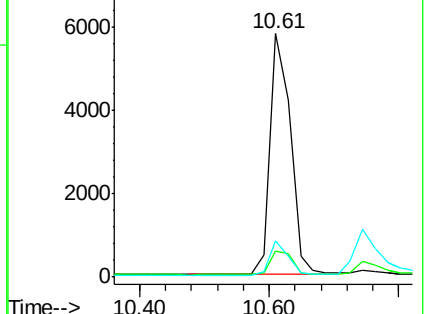
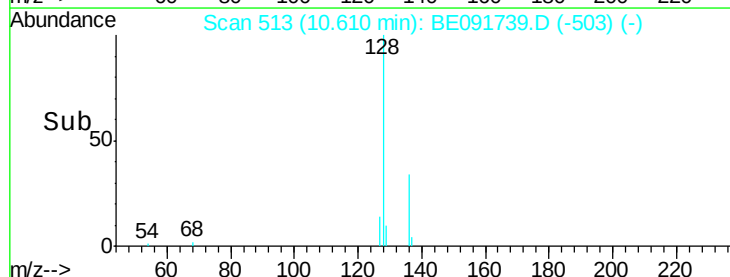
127 14.9 10.7 16.1

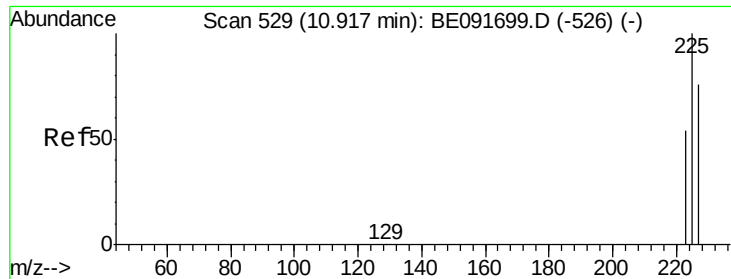


Abundance Ion 128.00 (127.70 to 128.70): BE091739.D (-503) (-)

Ion 129.00 (128.70 to 129.70): BE091739.D (-503) (-)

Ion 127.00 (126.70 to 127.70): BE091739.D (-503) (-)

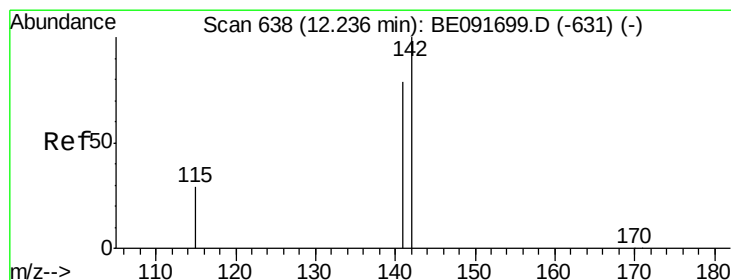
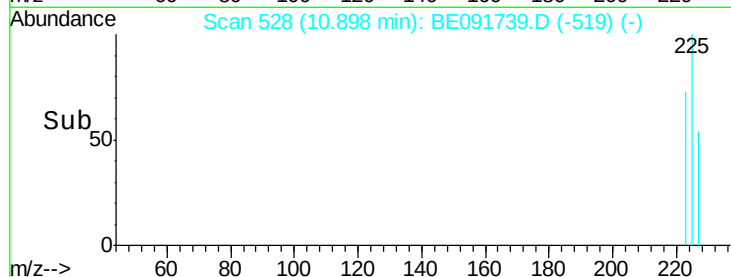
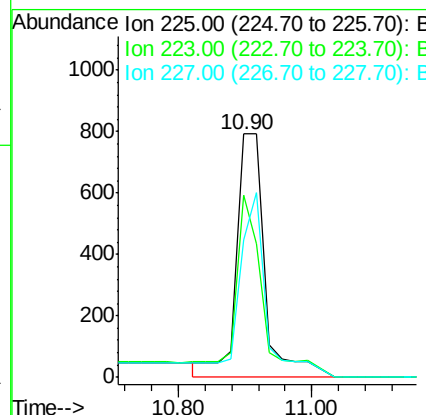
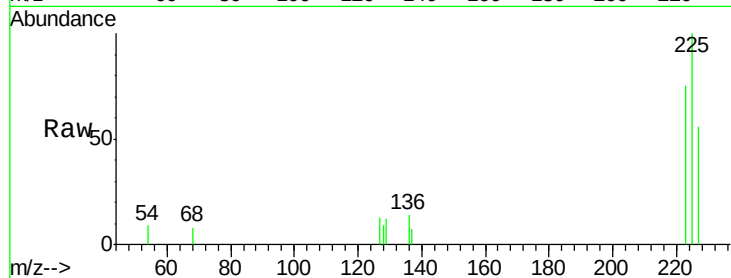




#11
Hexachlorobutadiene
Concen: 0.54 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091739.D
Acq: 29 Apr 2016 19:07

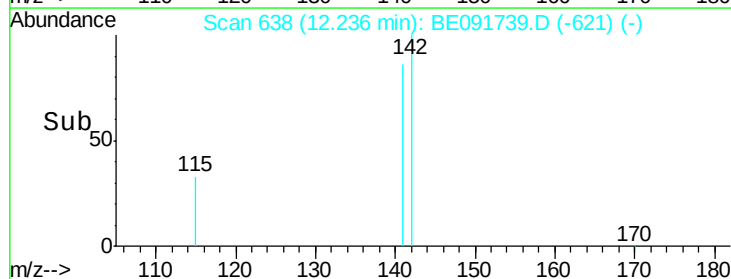
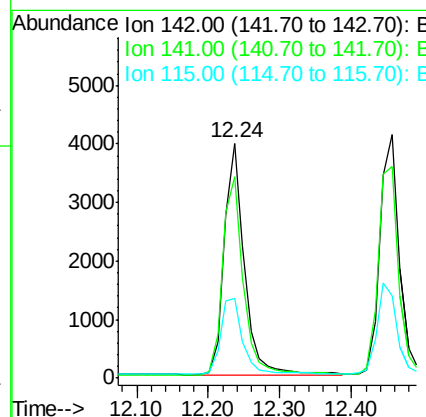
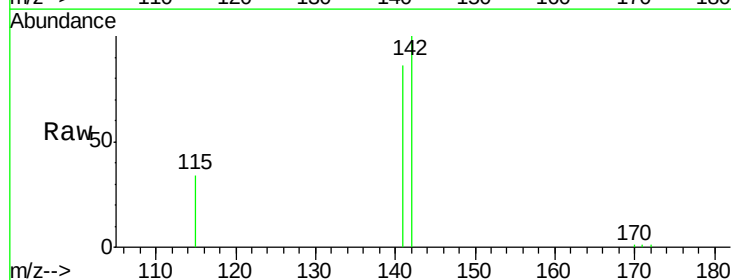
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

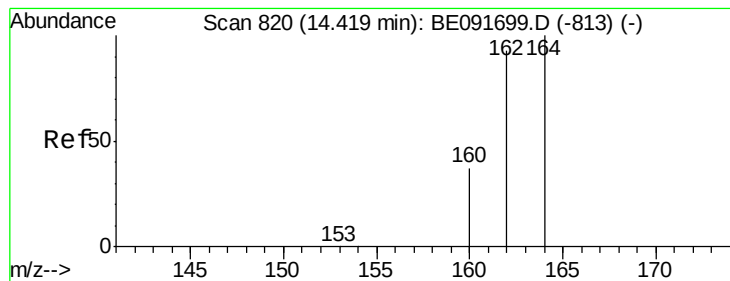
Tgt Ion: 225 Resp: 2482
Ion Ratio Lower Upper
225 100
223 67.3 49.0 73.6
227 69.6 50.3 75.5



#12
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.24 min Scan# 638
Delta R.T. -0.00 min
Lab File: BE091739.D
Acq: 29 Apr 2016 19:07

Tgt Ion: 142 Resp: 7689
Ion Ratio Lower Upper
142 100
141 85.6 71.4 107.0
115 34.2 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091739.D

Acq: 29 Apr 2016 19:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

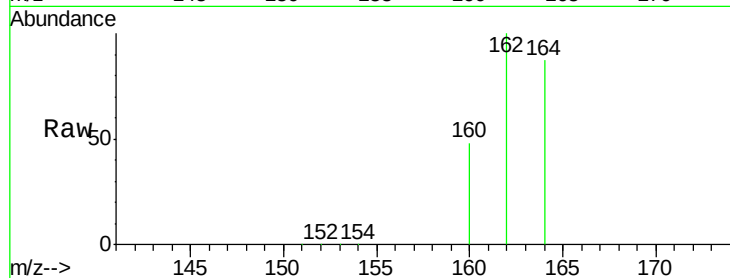
Tgt Ion:164 Resp: 87983

Ion Ratio Lower Upper

164 100

162 114.5 85.3 127.9

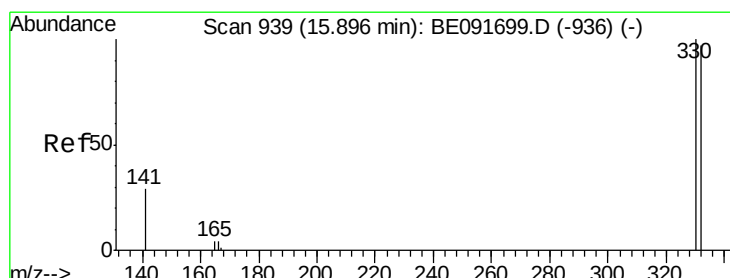
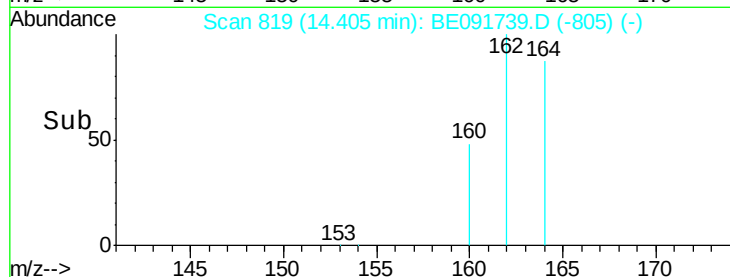
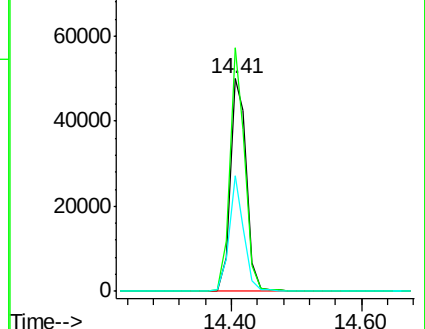
160 54.5 46.2 69.2



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: 0.41 ng

RT: 15.90 min Scan# 939

Delta R.T. 0.00 min

Lab File: BE091739.D

Acq: 29 Apr 2016 19:07

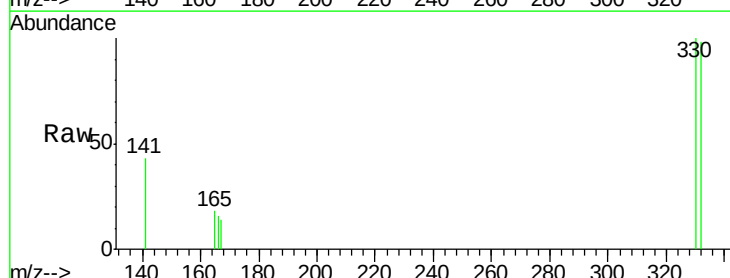
Tgt Ion:330 Resp: 826

Ion Ratio Lower Upper

330 100

332 95.0 79.1 118.7

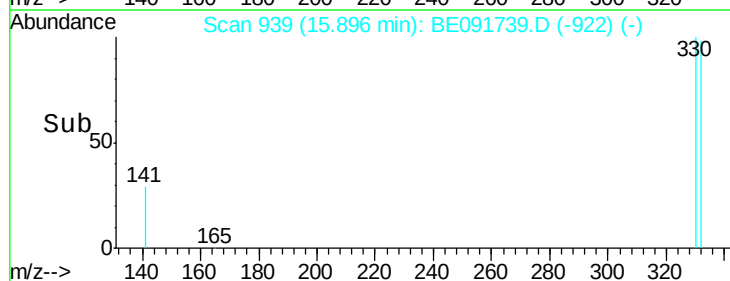
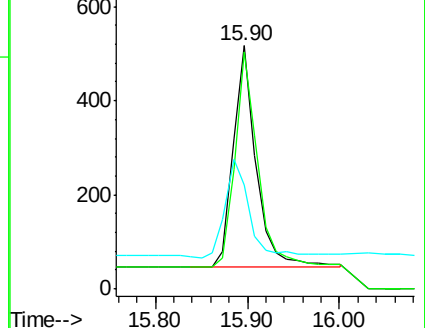
141 46.4 125.4 188.0#

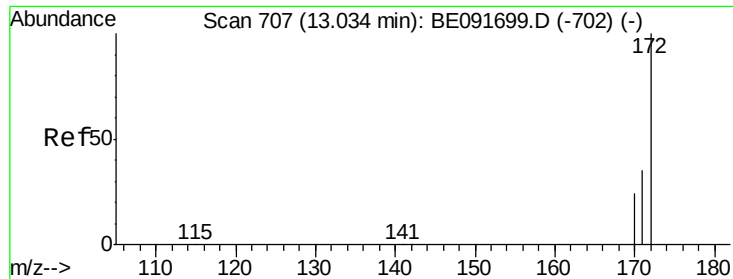


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

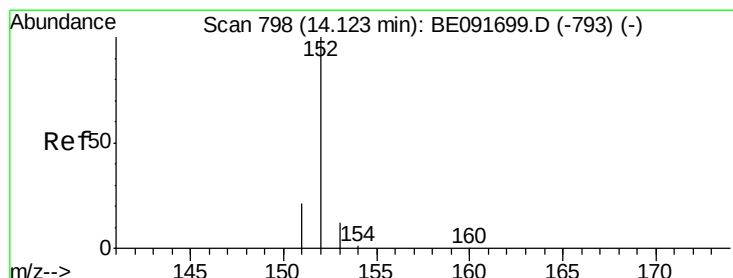
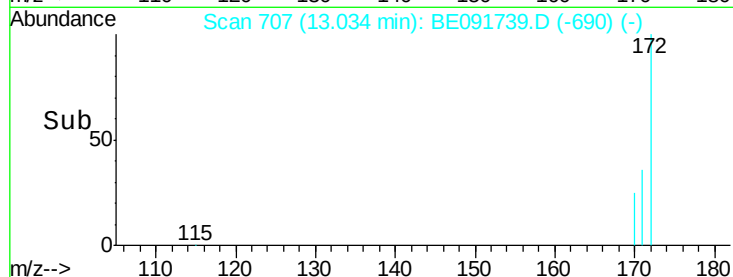
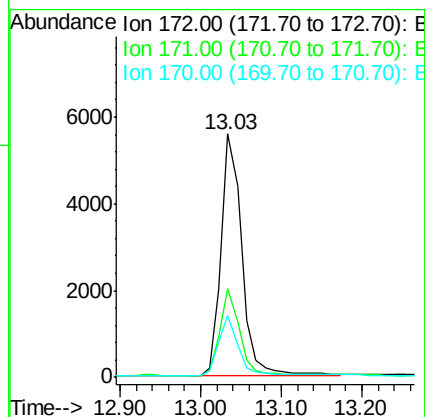
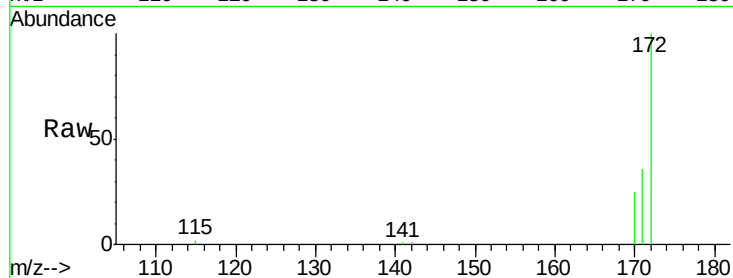




#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.03 min Scan# 707
Delta R.T. -0.00 min
Lab File: BE091739.D
Acq: 29 Apr 2016 19:07

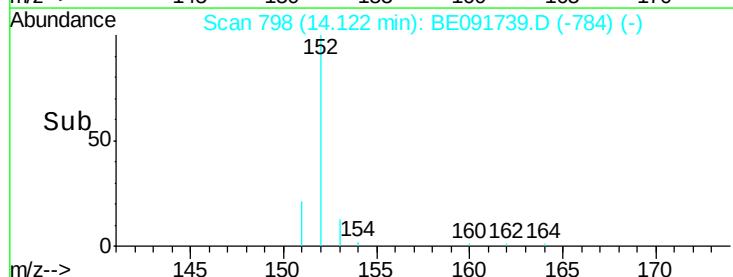
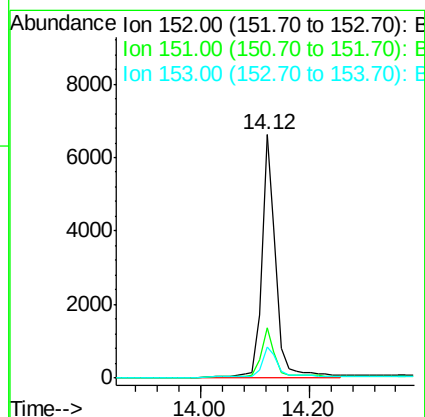
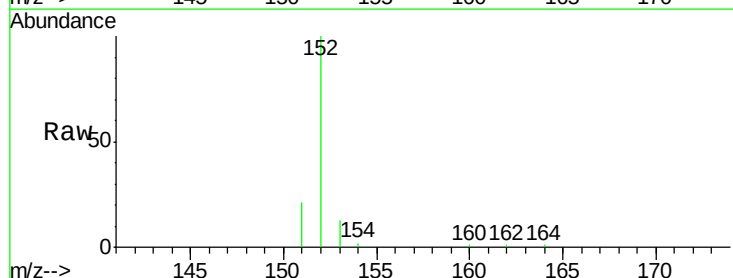
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

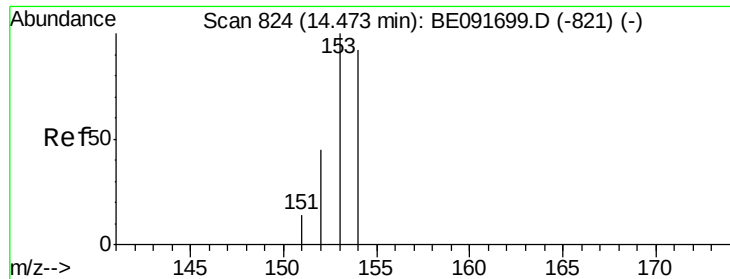
Tgt Ion:172 Resp: 9930
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 25.4 19.3 28.9



#16
Acenaphthylene
Concen: 0.38 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091739.D
Acq: 29 Apr 2016 19:07

Tgt Ion:152 Resp: 12939
Ion Ratio Lower Upper
152 100
151 18.2 3.9 5.9#
153 18.1 10.3 15.5#

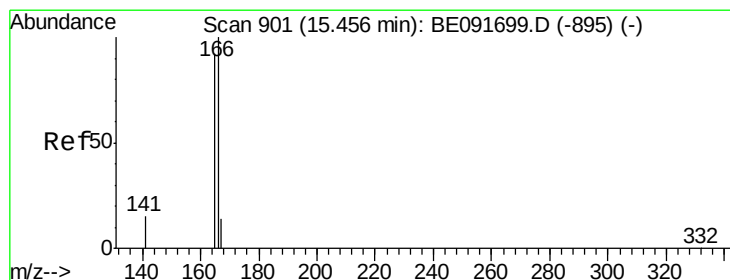
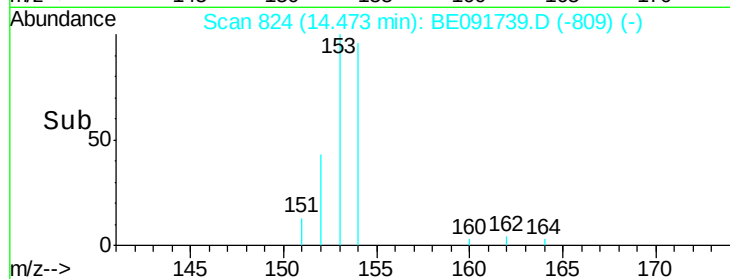
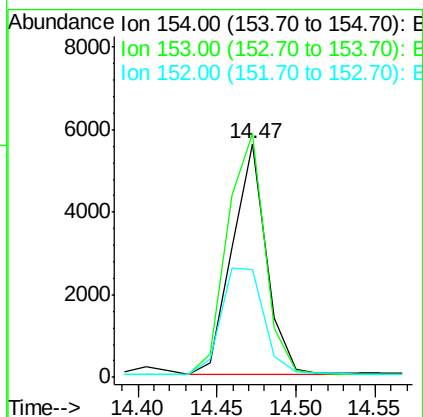
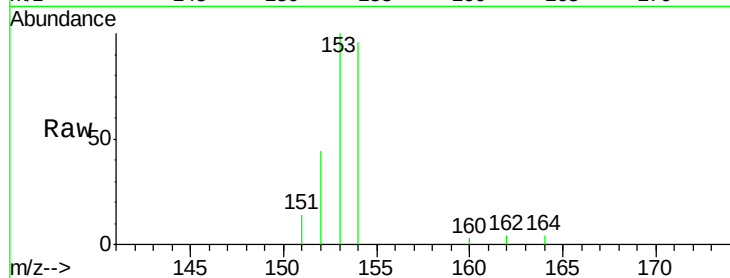




#17
Acenaphthene
Concen: 0.38 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE091739.D
Acq: 29 Apr 2016 19:07

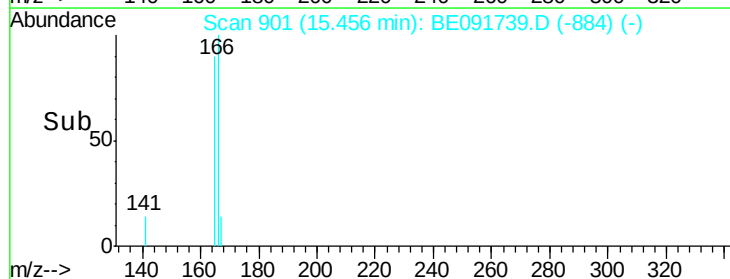
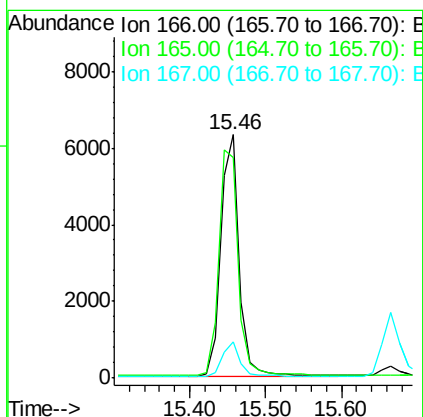
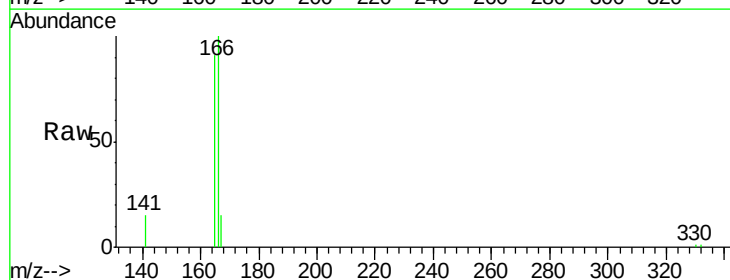
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

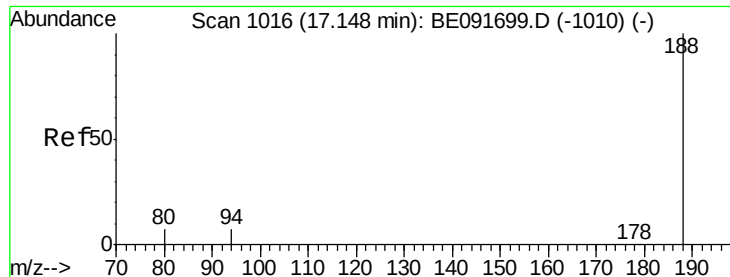
Tgt Ion:154 Resp: 8436
Ion Ratio Lower Upper
154 100
153 116.7 80.0 120.0
152 58.3 40.0 60.0



#18
Fluorene
Concen: 0.39 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091739.D
Acq: 29 Apr 2016 19:07

Tgt Ion:166 Resp: 10661
Ion Ratio Lower Upper
166 100
165 99.9 80.8 121.2
167 13.5 10.9 16.3

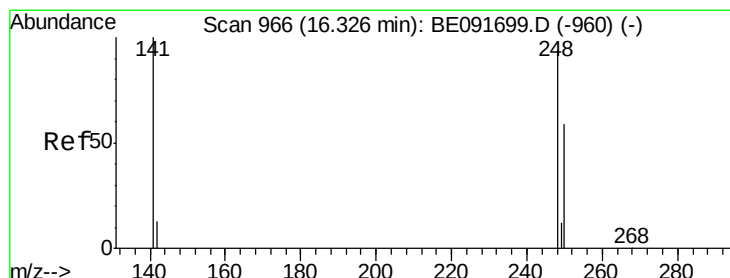
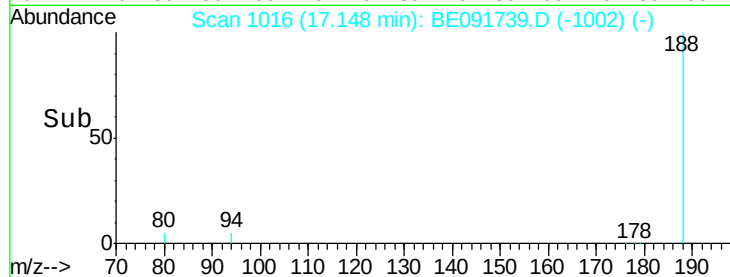
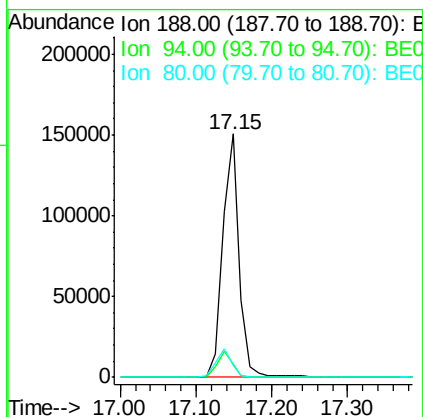
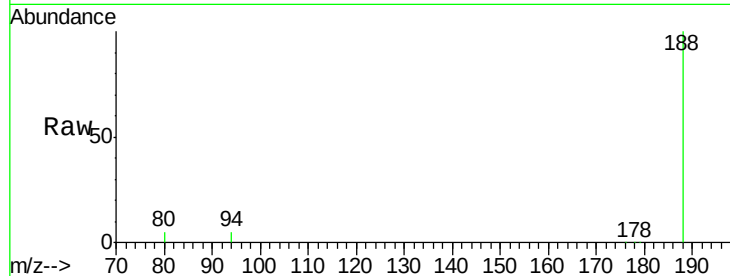




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091739.D
Acq: 29 Apr 2016 19:07

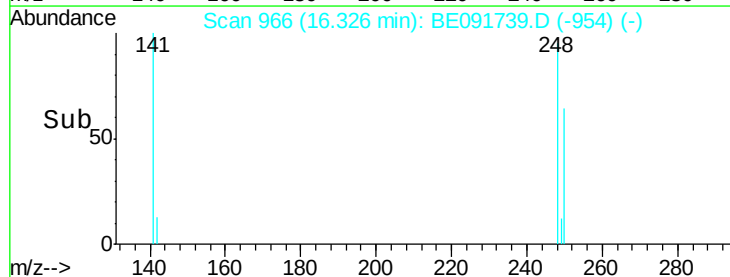
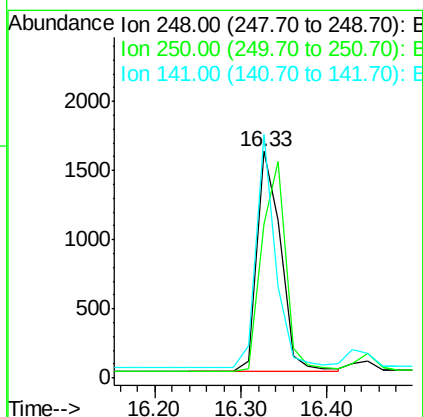
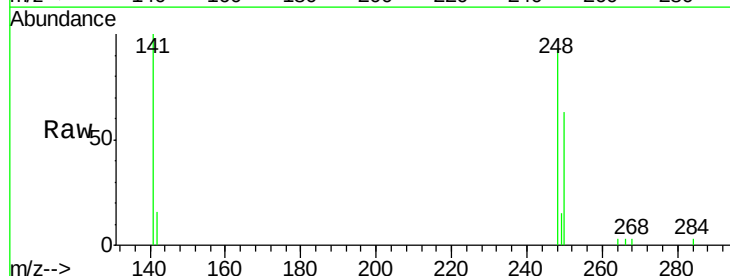
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

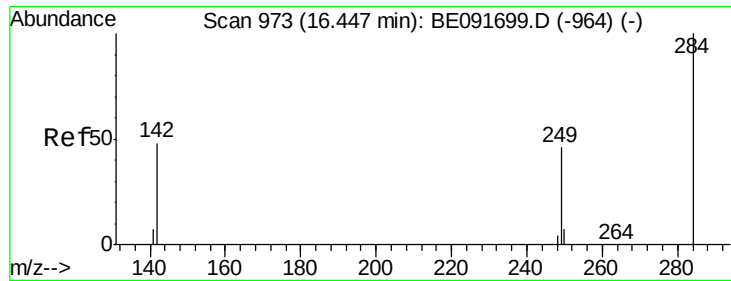
Tgt Ion:188 Resp: 229898
Ion Ratio Lower Upper
188 100
94 5.4 8.7 13.1#
80 4.7 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091739.D
Acq: 29 Apr 2016 19:07

Tgt Ion:248 Resp: 3064
Ion Ratio Lower Upper
248 100
250 97.0 80.5 120.7
141 87.9 72.0 108.0

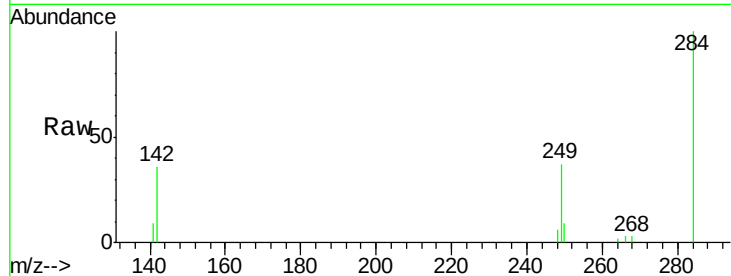




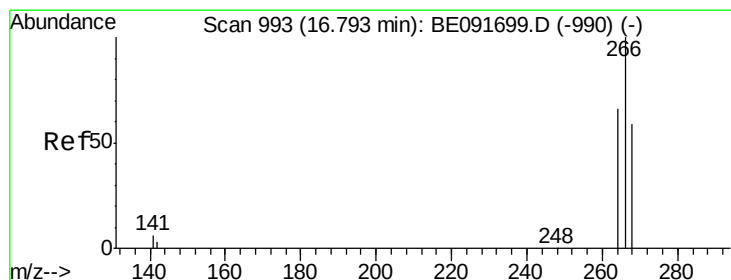
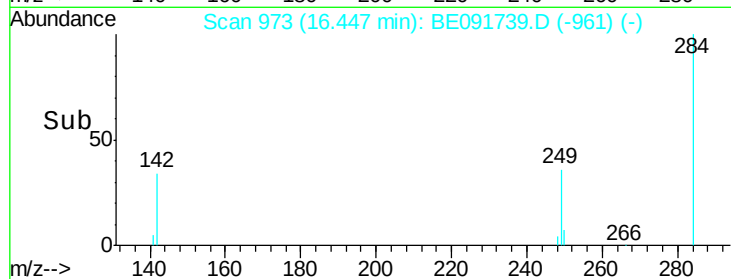
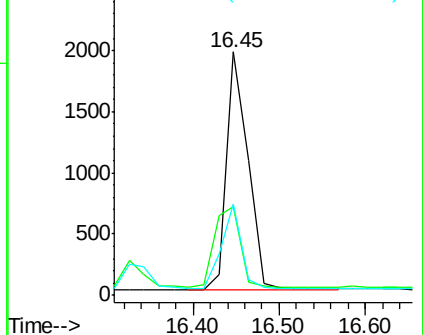
#21
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091739.D
Acq: 29 Apr 2016 19:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 284 Resp: 3304
Ion Ratio Lower Upper
284 100
142 41.2 32.2 48.2
249 33.2 25.4 38.2

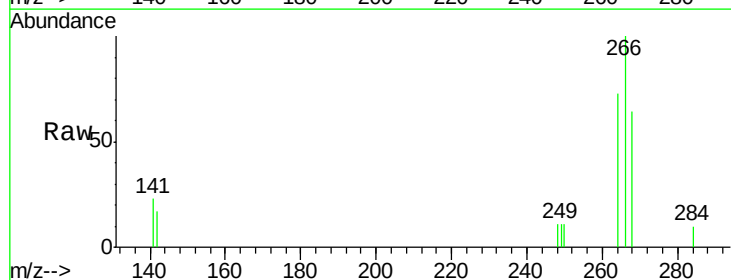


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

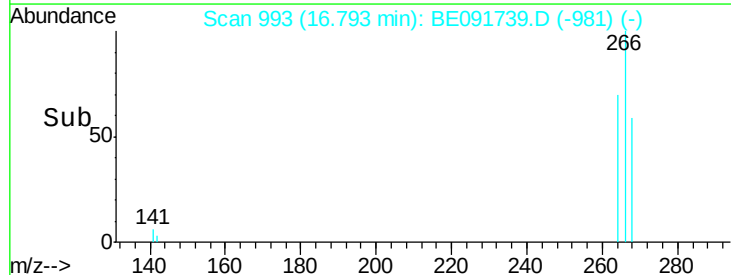
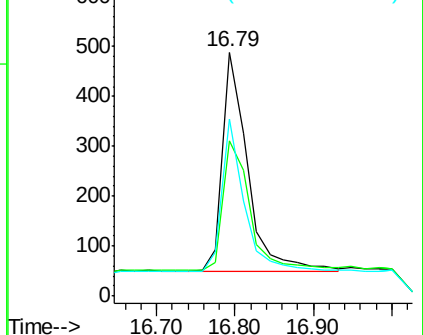


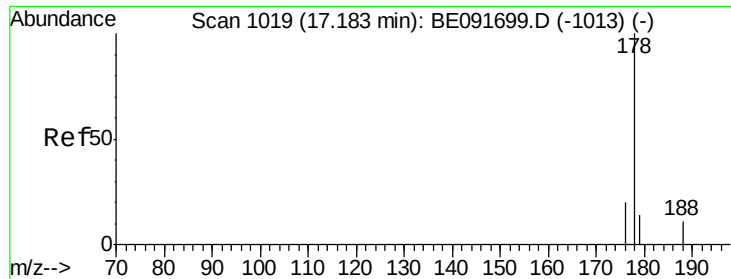
#22
Pentachlorophenol
Concen: 0.31 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091739.D
Acq: 29 Apr 2016 19:07

Tgt Ion: 266 Resp: 967
Ion Ratio Lower Upper
266 100
268 63.5 58.2 87.2
264 72.7 56.2 84.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.41 ng

RT: 17.18 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE091739.D

Acq: 29 Apr 2016 19:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

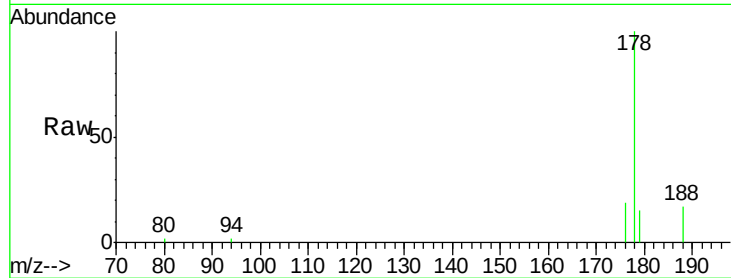
Tgt Ion:178 Resp: 21187

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

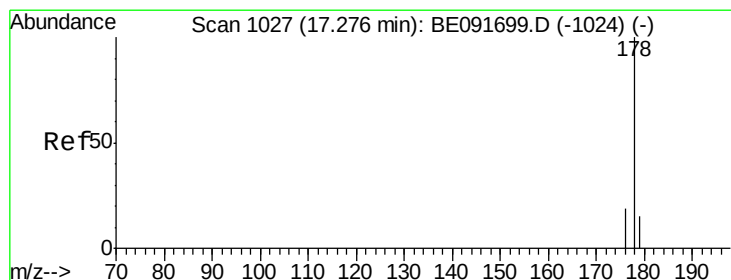
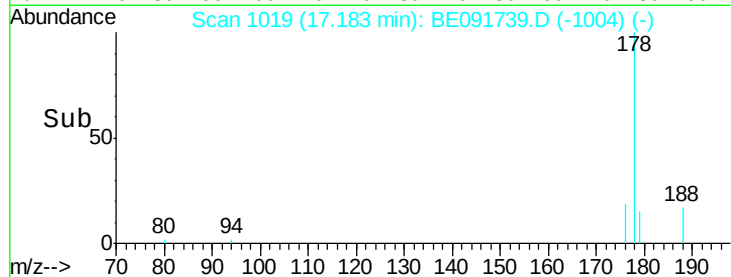
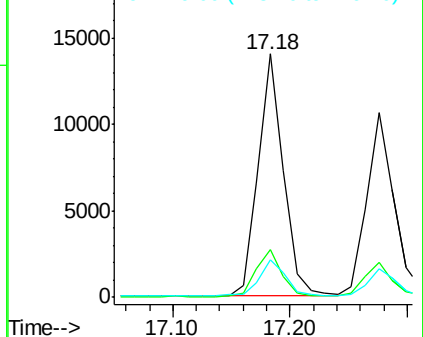
179 16.1 12.6 18.8



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: BE091739.D

Acq: 29 Apr 2016 19:07

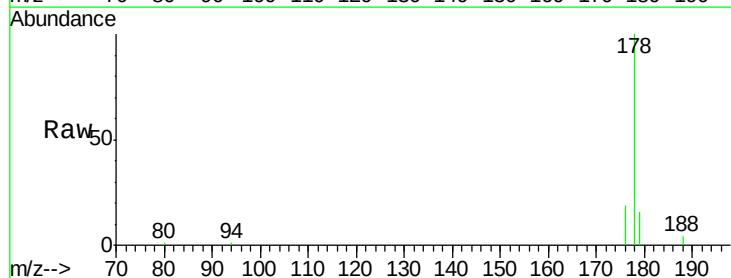
Tgt Ion:178 Resp: 17690

Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

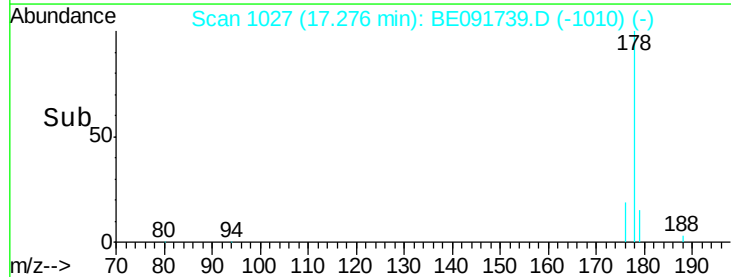
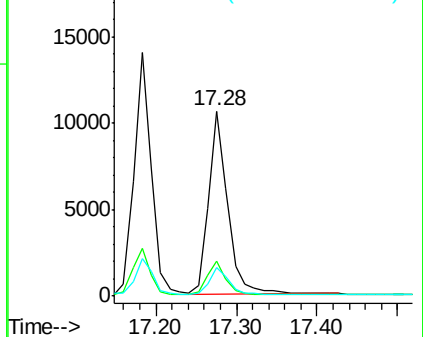
179 15.2 11.8 17.6

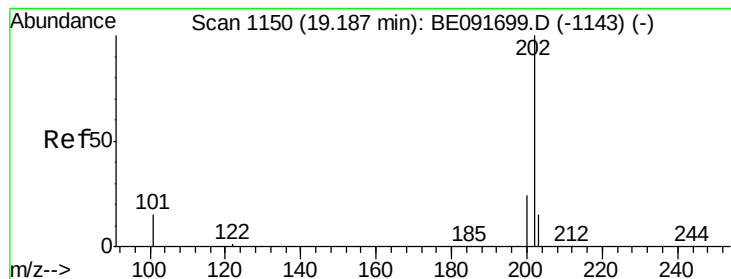


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.40 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091739.D

Acq: 29 Apr 2016 19:07

Instrument :

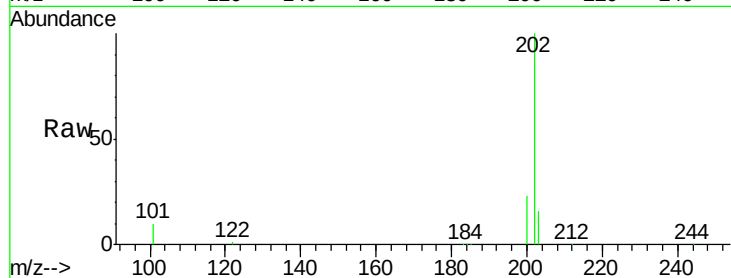
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 202 Resp: 22110

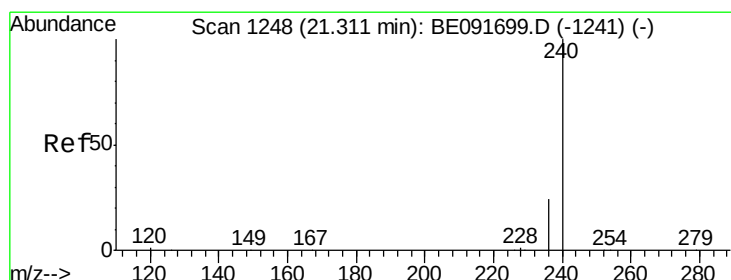
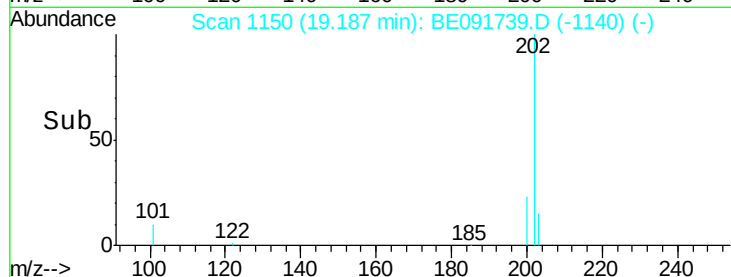
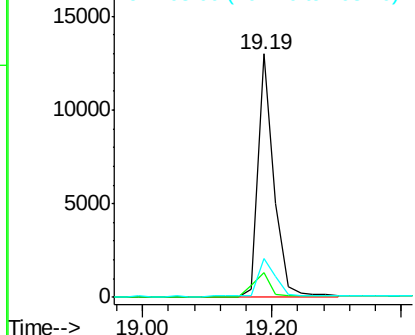
Ion	Ratio	Lower	Upper
202	100		
101	10.5	11.0	16.6#
203	17.2	13.9	20.9



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

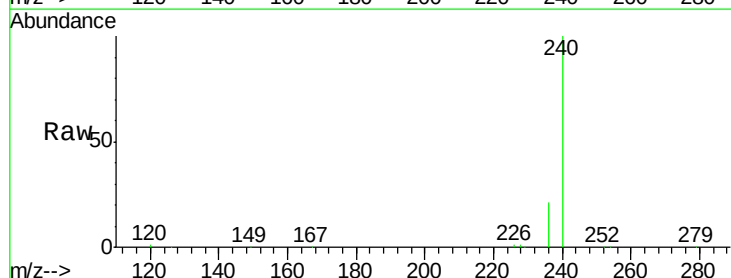
Delta R.T. 0.00 min

Lab File: BE091739.D

Acq: 29 Apr 2016 19:07

Tgt Ion: 240 Resp: 245315

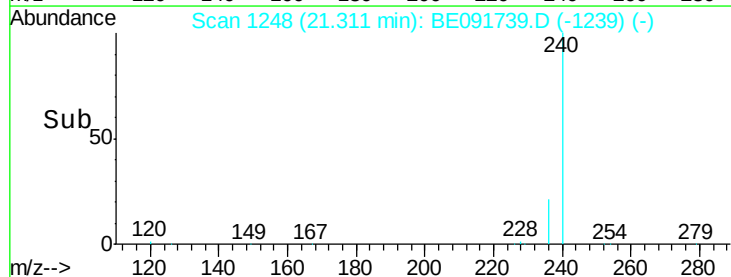
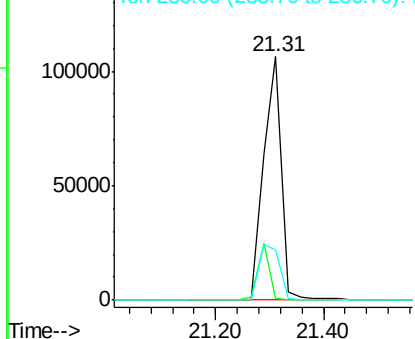
Ion	Ratio	Lower	Upper
240	100		
120	0.9	11.0	16.4#
236	20.6	21.7	32.5#

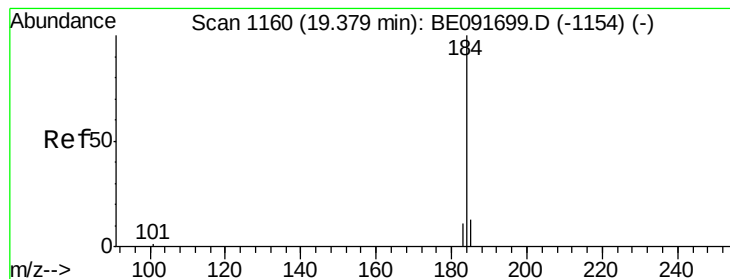


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.37 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091739.D

Acq: 29 Apr 2016 19:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

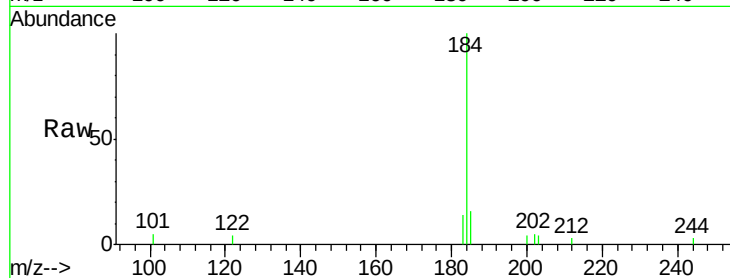
Tgt Ion:184 Resp: 4228

Ion Ratio Lower Upper

184 100

185 15.9 22.3 33.5#

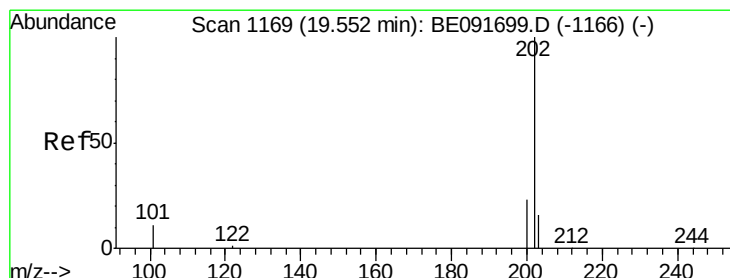
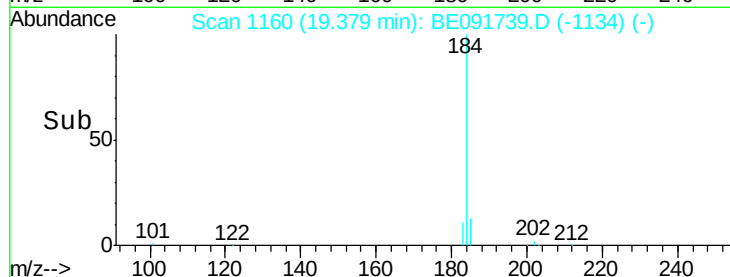
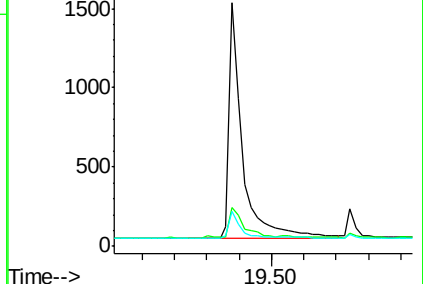
183 14.2 16.4 24.6#



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: 0.43 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091739.D

Acq: 29 Apr 2016 19:07

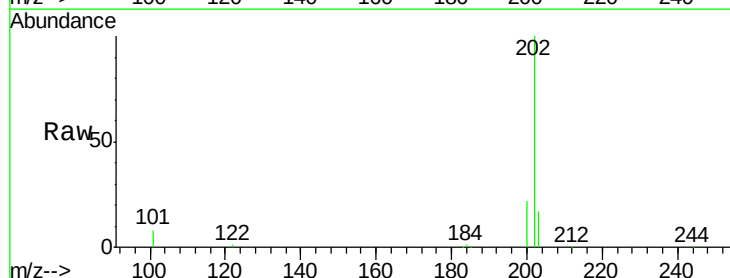
Tgt Ion:202 Resp: 23950

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

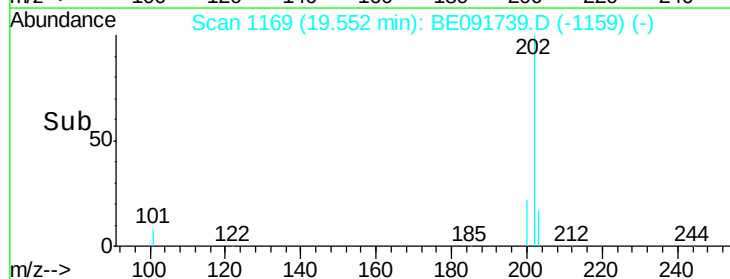
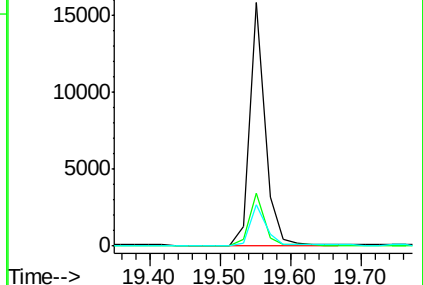
203 17.4 14.0 21.0

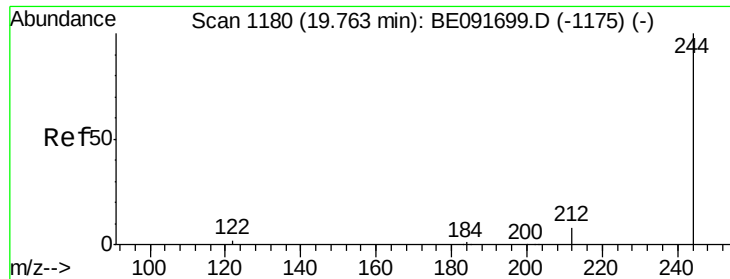


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.42 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091739.D

Acq: 29 Apr 2016 19:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

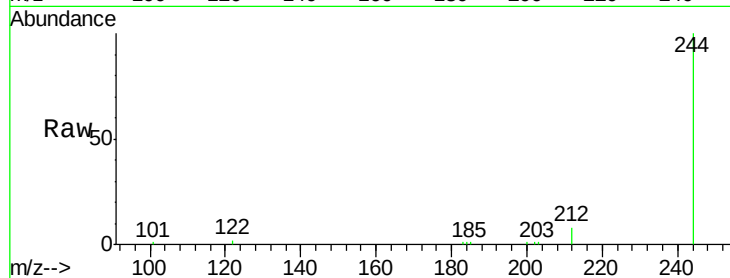
Tgt Ion:244 Resp: 16119

Ion Ratio Lower Upper

244 100

212 7.6 6.9 10.3

122 2.1 11.0 16.4#

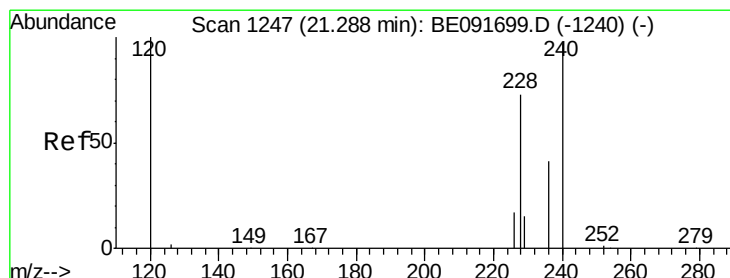
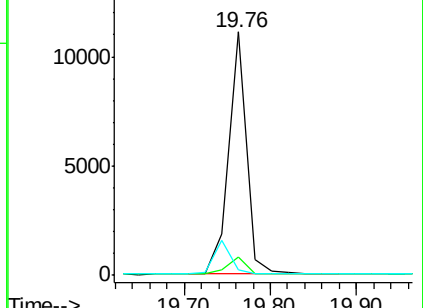
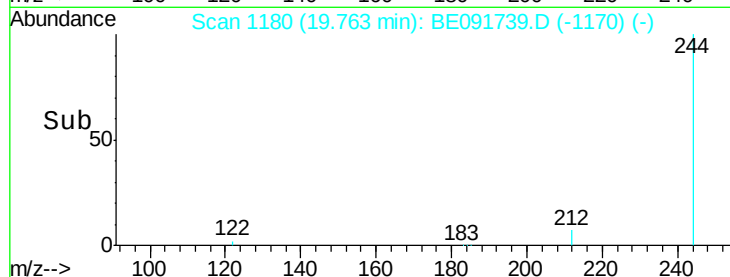


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



#30

Benzo(a)anthracene

Concen: 0.39 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091739.D

Acq: 29 Apr 2016 19:07

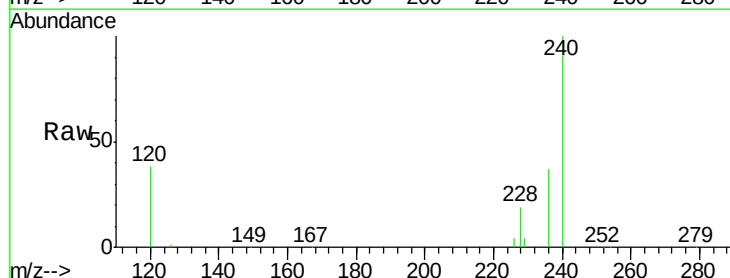
Tgt Ion:228 Resp: 23519

Ion Ratio Lower Upper

228 100

226 21.8 21.0 31.4

229 23.5 15.7 23.5#

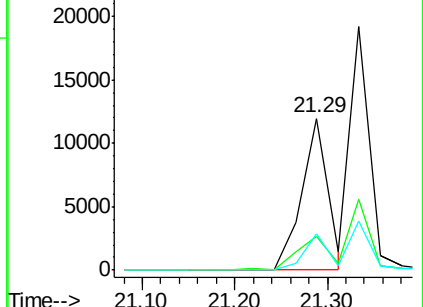
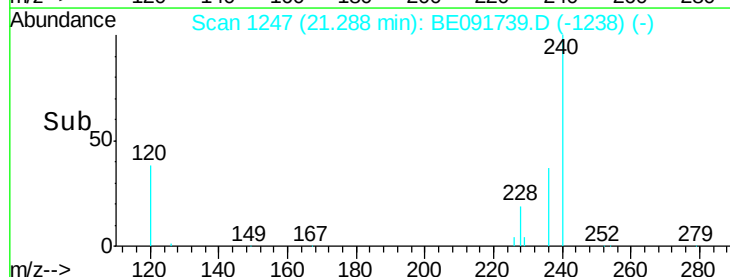


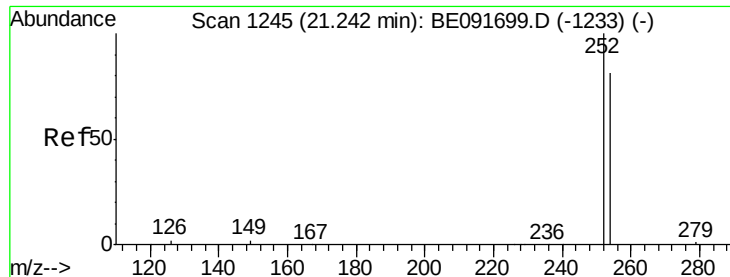
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->

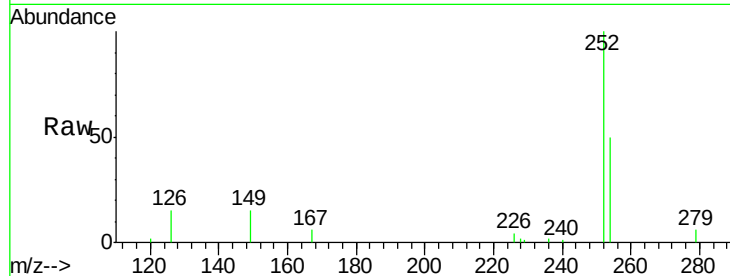




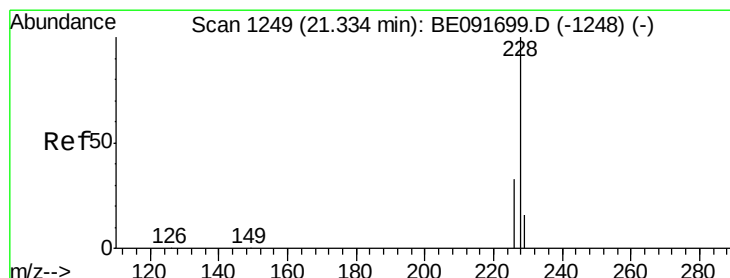
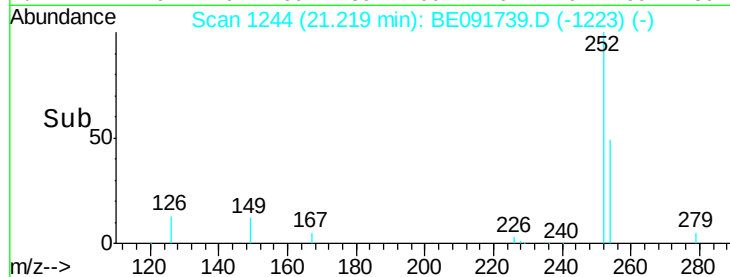
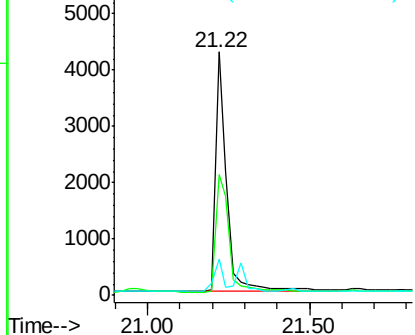
#31
 3,3'-Dichlorobenzidine
 Concen: 0.34 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091739.D
 Acq: 29 Apr 2016 19:07

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 252 Resp: 10302
 Ion Ratio Lower Upper
 252 100
 254 49.7 51.1 76.7#
 126 14.7 12.6 18.8

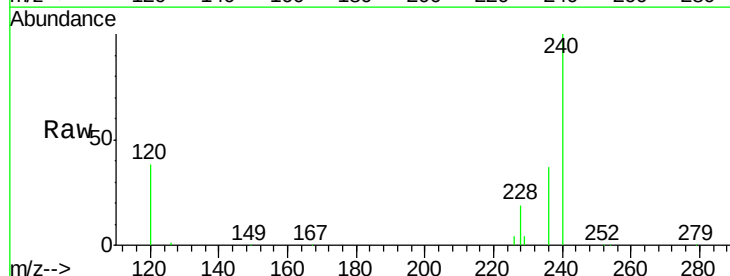


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

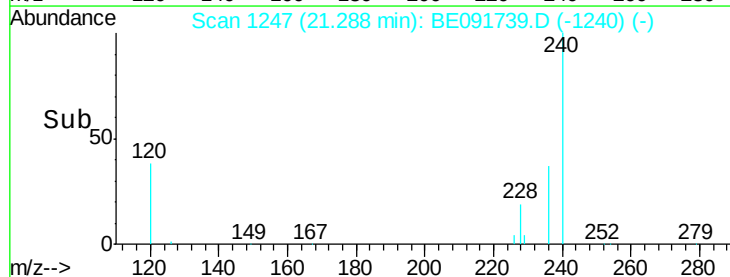
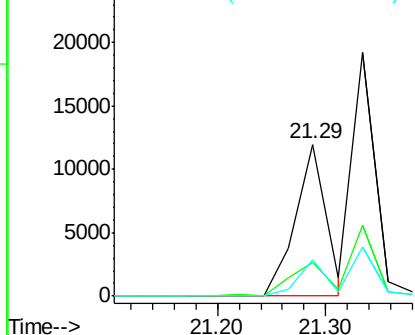


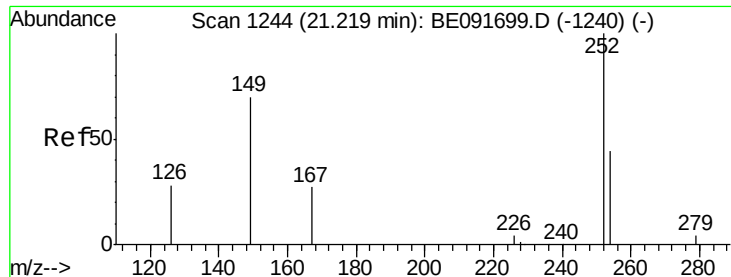
#32
 Chrysene
 Concen: 0.38 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BE091739.D
 Acq: 29 Apr 2016 19:07

Tgt Ion: 228 Resp: 23519
 Ion Ratio Lower Upper
 228 100
 226 21.8 24.0 36.0#
 229 23.5 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

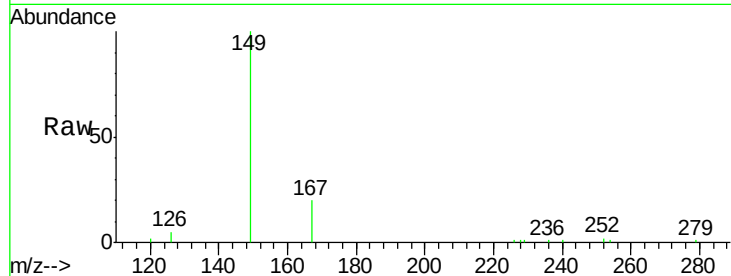




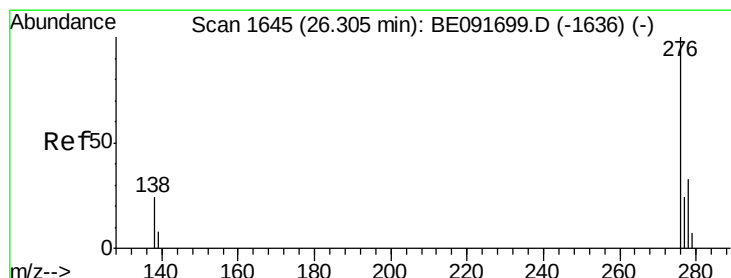
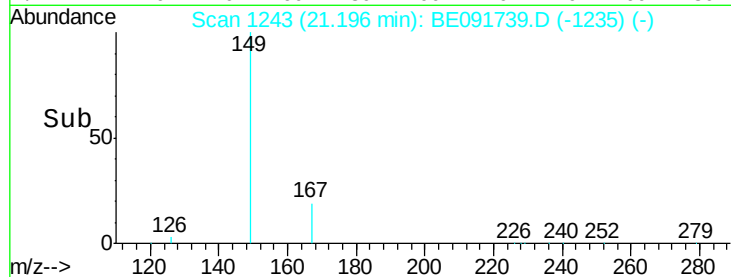
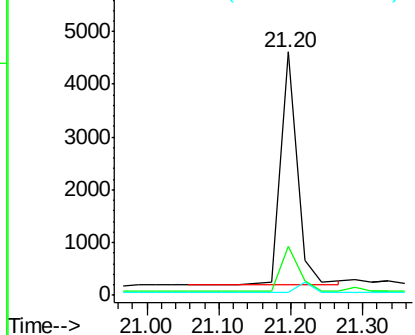
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.39 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091739.D
 Acq: 29 Apr 2016 19:07

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 149 Resp: 6990
 Ion Ratio Lower Upper
 149 100
 167 21.3 19.5 29.3
 279 0.0 10.0 15.0#

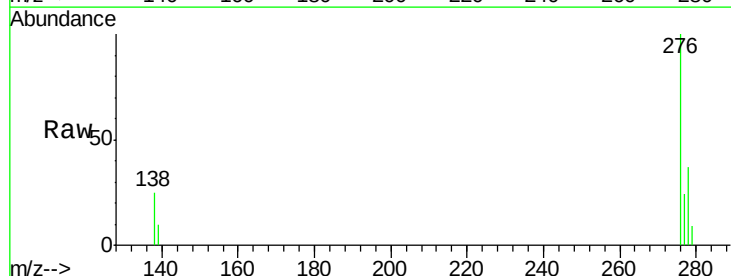


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

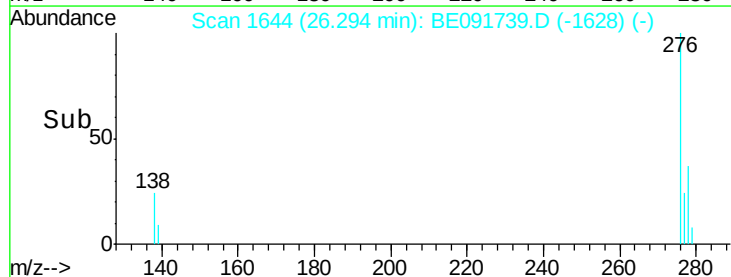
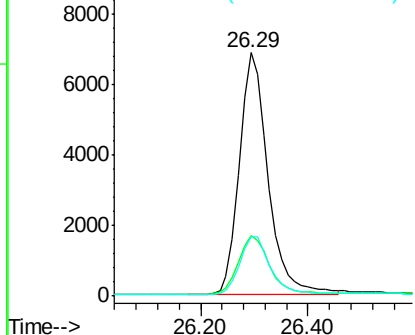


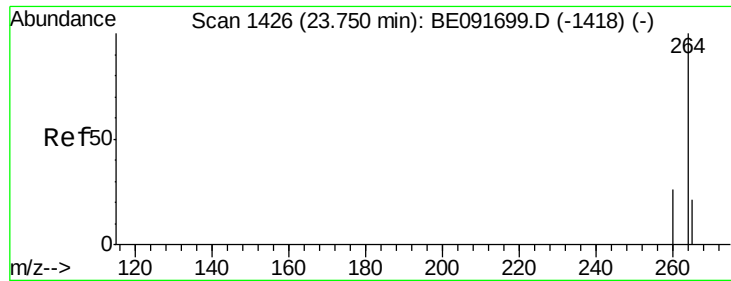
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.46 ng
 RT: 26.29 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BE091739.D
 Acq: 29 Apr 2016 19:07

Tgt Ion: 276 Resp: 25333
 Ion Ratio Lower Upper
 276 100
 138 26.1 23.4 35.2
 277 25.0 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

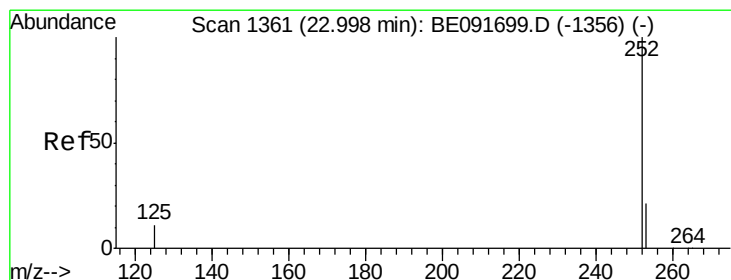
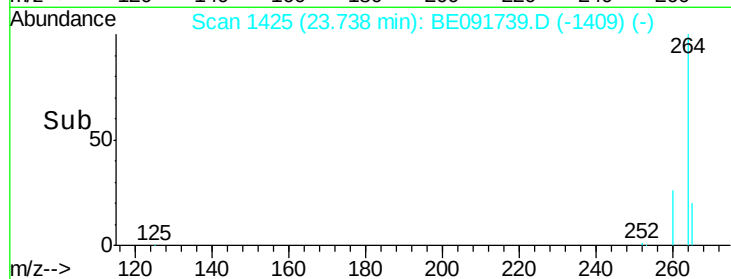
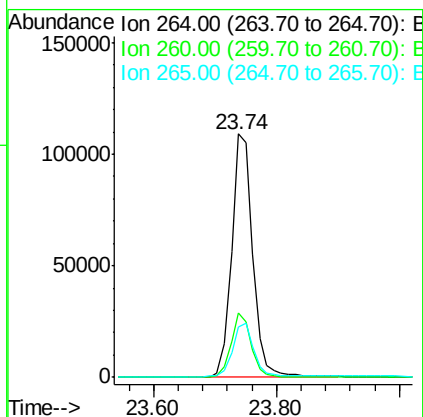
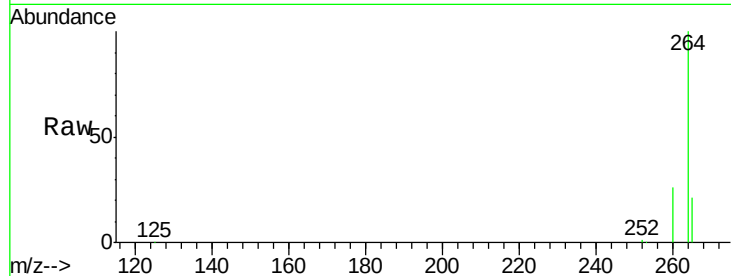




#35
Perylene-d12
 Concen: 5.00 ng
 RT: 23.74 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BE091739.D
 Acq: 29 Apr 2016 19:07

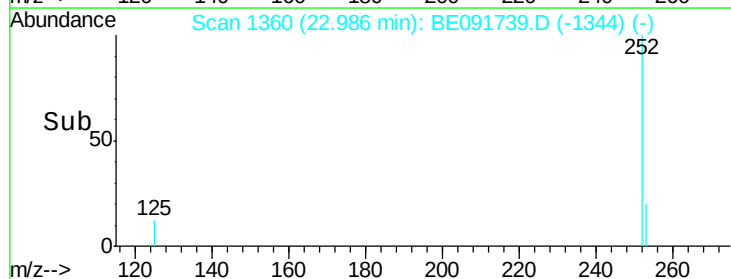
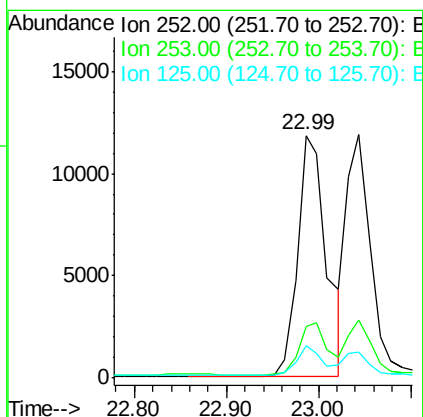
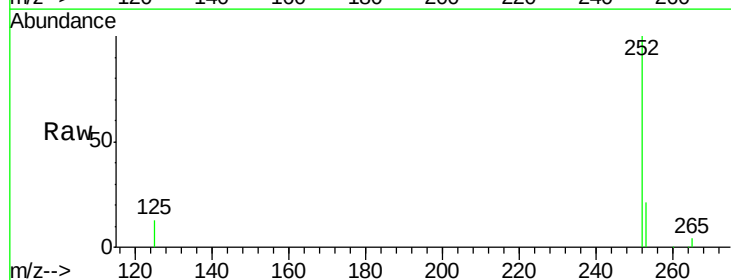
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

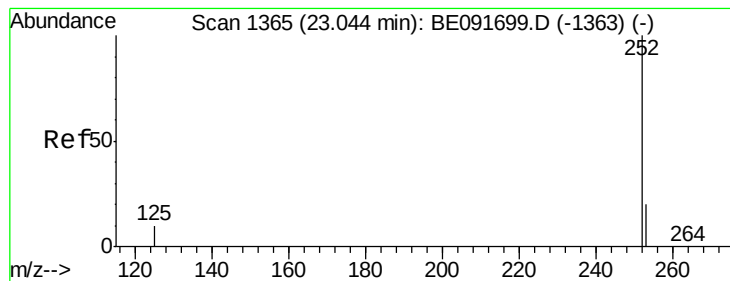
Tgt Ion: 264 Resp: 261165
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.0 30.0
 265 20.8 17.5 26.3



#36
Benzo(b)fluoranthene
 Concen: 0.42 ng
 RT: 22.99 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BE091739.D
 Acq: 29 Apr 2016 19:07

Tgt Ion: 252 Resp: 25779
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.4 26.0
 125 13.3 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 0.35 ng

RT: 23.04 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BE091739.D

Acq: 29 Apr 2016 19:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

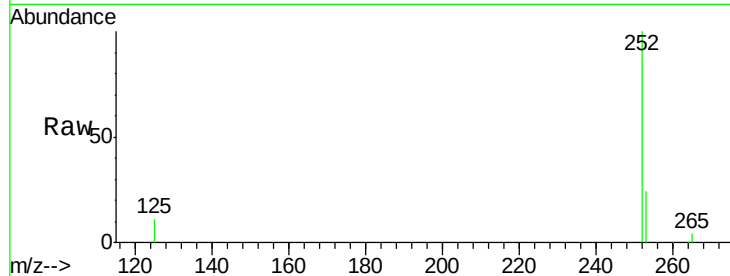
Tgt Ion:252 Resp: 21658

Ion Ratio Lower Upper

252 100

253 23.7 17.6 26.4

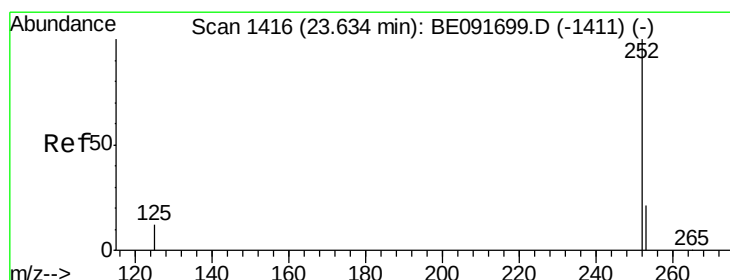
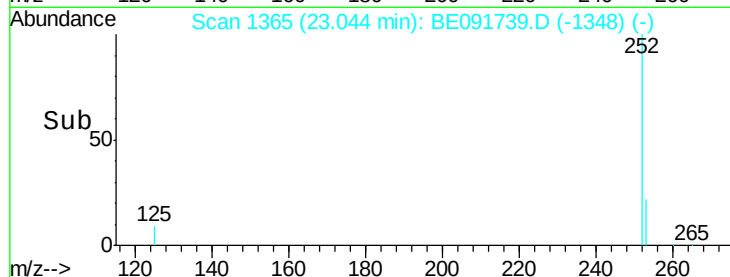
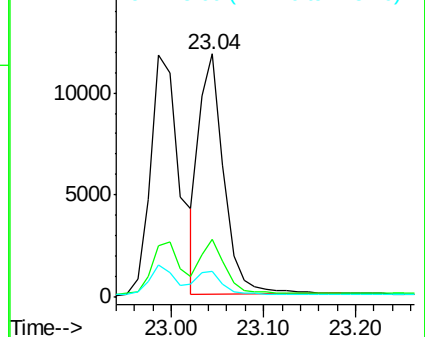
125 10.6 9.9 14.9



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: 0.38 ng

RT: 23.63 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BE091739.D

Acq: 29 Apr 2016 19:07

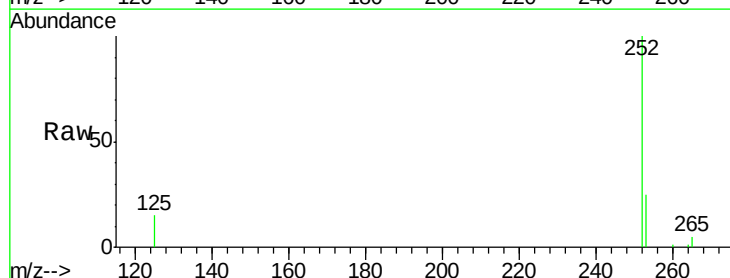
Tgt Ion:252 Resp: 21649

Ion Ratio Lower Upper

252 100

253 25.0 18.1 27.1

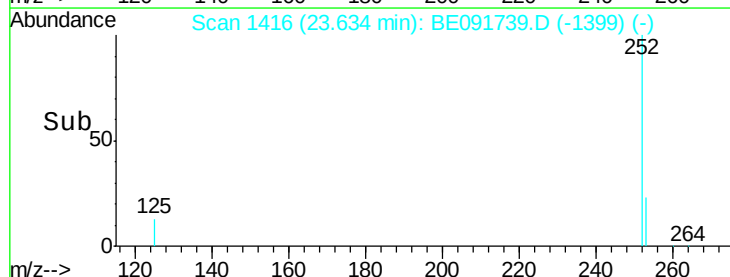
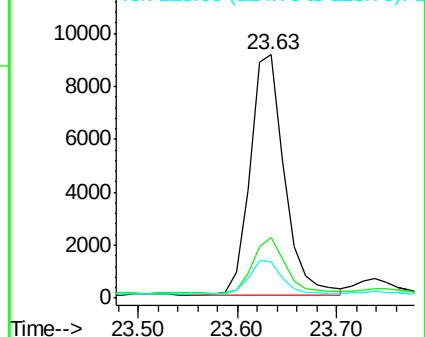
125 14.7 11.0 16.4

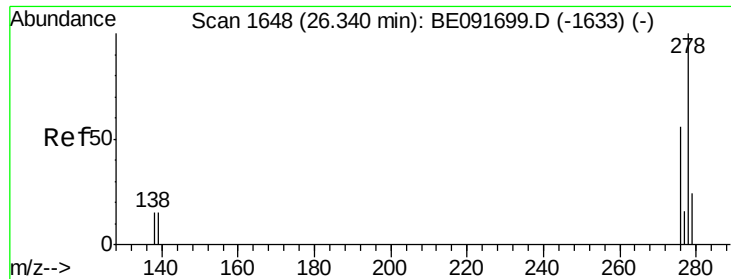


Abundance Ion 252.00 (251.70 to 252.70): E

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: 26.32 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BE091739.D

Acq: 29 Apr 2016 19:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

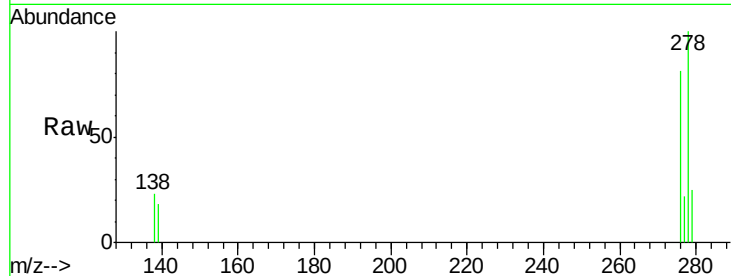
Tgt Ion: 278 Resp: 20789

Ion Ratio Lower Upper

278 100

139 17.7 16.0 24.0

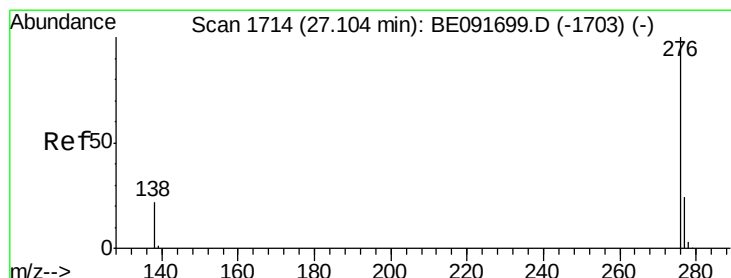
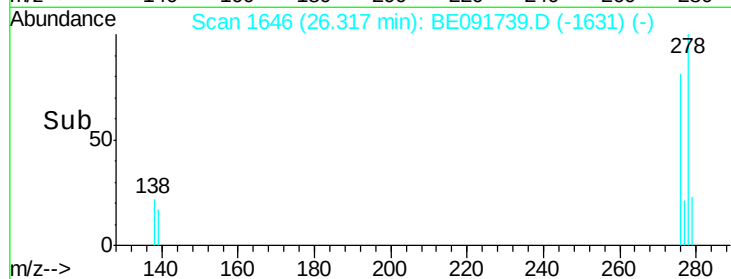
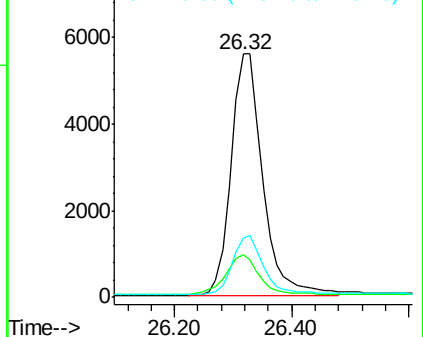
279 24.5 19.4 29.2



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: 27.08 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BE091739.D

Acq: 29 Apr 2016 19:07

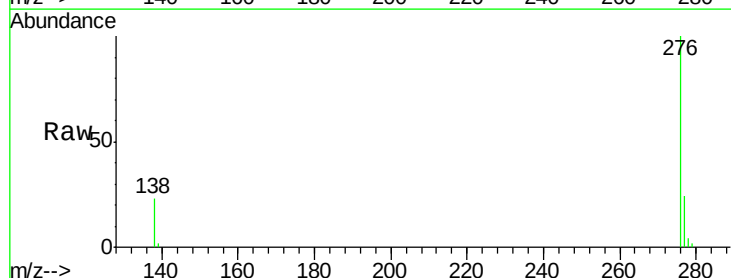
Tgt Ion: 276 Resp: 20874

Ion Ratio Lower Upper

276 100

277 23.8 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

