

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050916\
 Data File : BE091757.D
 Acq On : 9 May 2016 14:35
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: May 10 00:57:47 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	40624	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	197749	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	121478	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	294012	5.00	ng	0.00
26) Chrysene-d12	21.31	240	284397	5.00	ng	0.00
35) Perylene-d12	23.75	264	296536	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	3438	0.34	ng	0.00
5) Phenol-d6	6.97	99	4525	0.34	ng	0.02
8) Nitrobenzene-d5	8.96	82	3969	0.31	ng	0.01
14) 2,4,6-Tribromophenol	15.90	330	1094	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.04	172	12700	0.37	ng	0.00
29) Terphenyl-d14	19.76	244	19116	0.43	ng	0.00

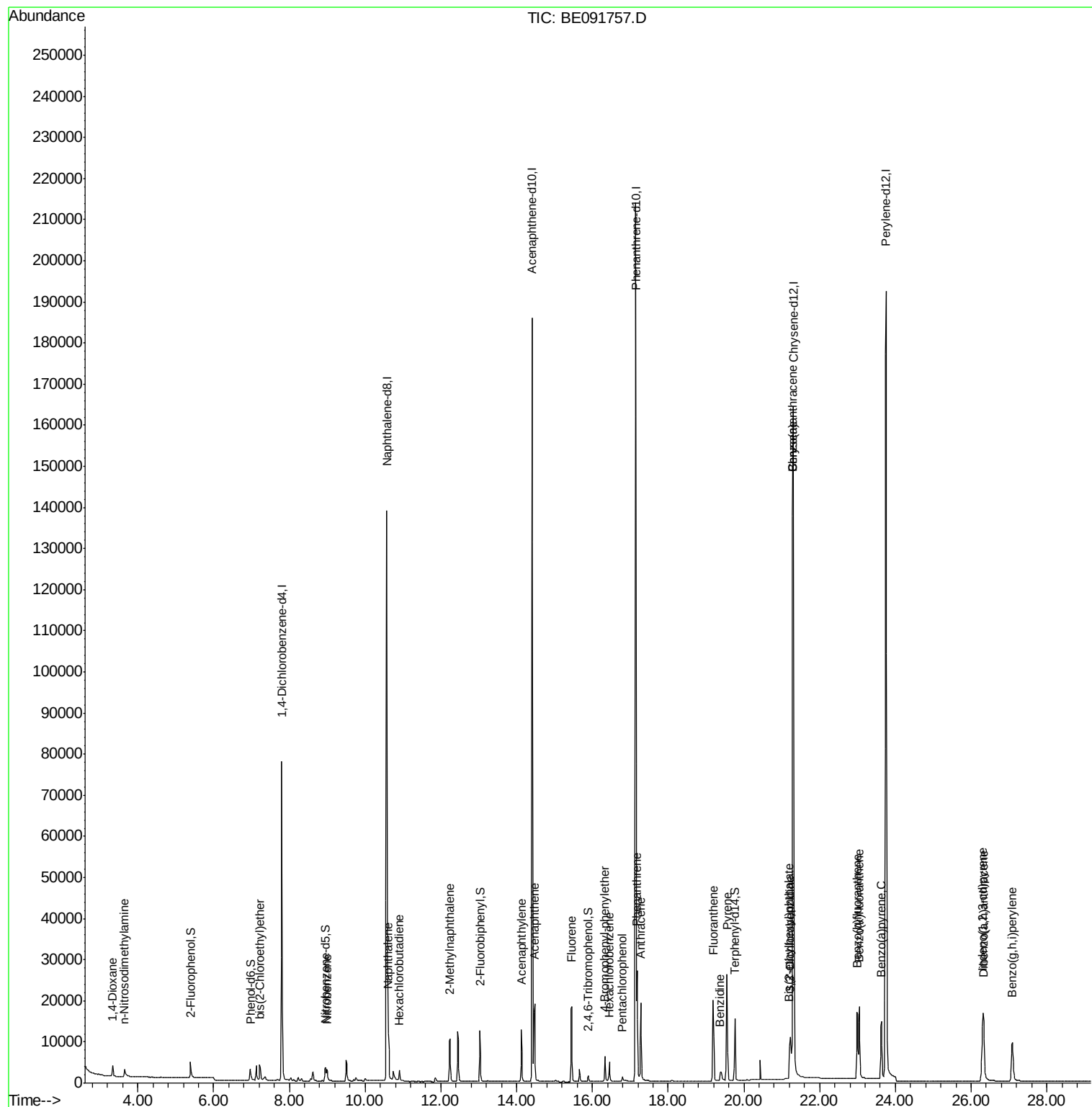
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	1948	0.32	ng	95
3) n-Nitrosodimethylamine	3.65	42	2047	0.28	ng	97
6) bis(2-Chloroethyl)ether	7.21	93	4068	0.35	ng	# 80
9) Nitrobenzene	8.99	77	3974	0.30	ng	# 95
10) Naphthalene	10.61	128	15609	0.39	ng	97
11) Hexachlorobutadiene	10.90	225	2971	0.50	ng	89
12) 2-Methylnaphthalene	12.24	142	9817	0.38	ng	91
16) Acenaphthylene	14.12	152	18051	0.39	ng	# 77
17) Acenaphthene	14.47	154	11113	0.37	ng	86
18) Fluorene	15.46	166	13759	0.37	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	4015	0.38	ng	94
21) Hexachlorobenzene	16.45	284	4305	0.41	ng	99
22) Pentachlorophenol	16.79	266	1066	0.28	ng	92
23) Phenanthrene	17.18	178	25698	0.38	ng	99
24) Anthracene	17.28	178	22516	0.37	ng	99
25) Fluoranthene	19.19	202	25553	0.37	ng	# 96
27) Benzidine	19.38	184	7059	0.47	ng	# 80
28) Pyrene	19.55	202	27526	0.43	ng	99
30) Benzo(a)anthracene	21.29	228	27348	0.39	ng	92
31) 3,3'-Dichlorobenzidine	21.22	252	14473	0.41	ng	# 84
32) Chrysene	21.29	228	27307	0.38	ng	# 89
33) Bis(2-ethylhexyl)phthalate	21.20	149	10163	0.48	ng	# 87
34) Indeno(1,2,3-cd)pyrene	26.31	276	27840	0.43	ng	94
36) Benzo(b)fluoranthene	22.99	252	27553	0.40	ng	99
37) Benzo(k)fluoranthene	23.04	252	24103	0.34	ng	96
38) Benzo(a)pyrene	23.63	252	24051	0.37	ng	97
39) Dibenzo(a,h)anthracene	26.33	278	22720	0.37	ng	# 95
40) Benzo(g,h,i)perylene	27.09	276	23985	0.38	ng	# 93

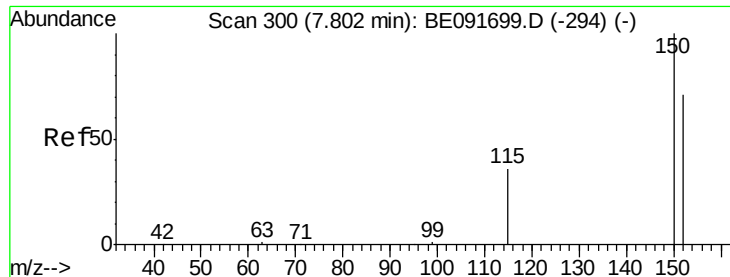
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091757.D

Acq: 9 May 2016 14:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

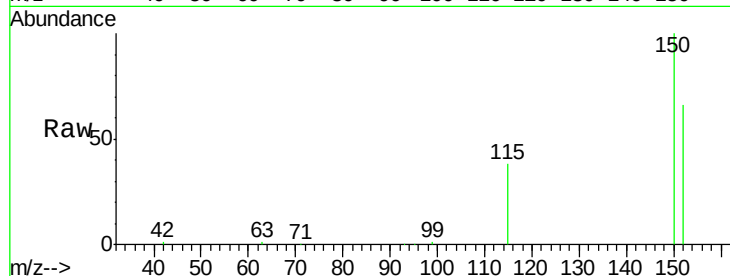
Tgt Ion:152 Resp: 40624

Ion Ratio Lower Upper

152 100

150 152.0 122.6 183.8

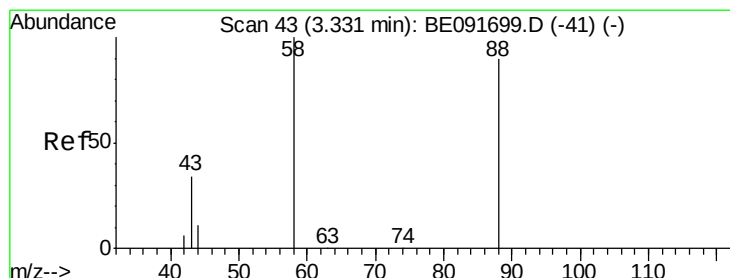
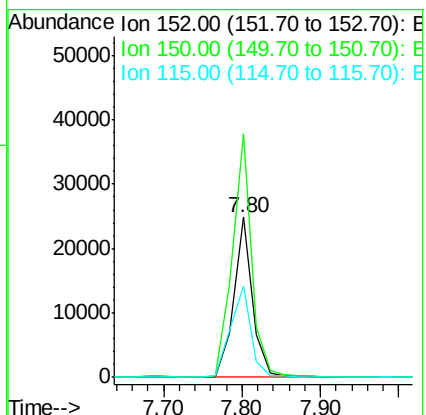
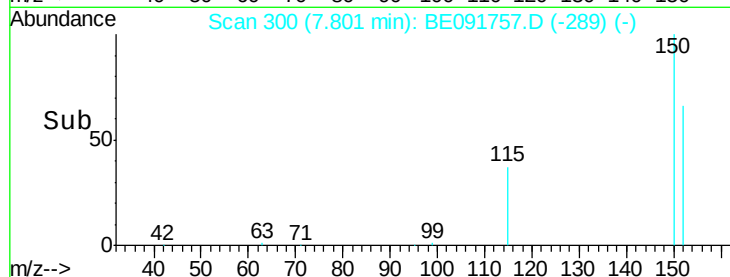
115 57.1 52.8 79.2



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: 0.32 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091757.D

Acq: 9 May 2016 14:35

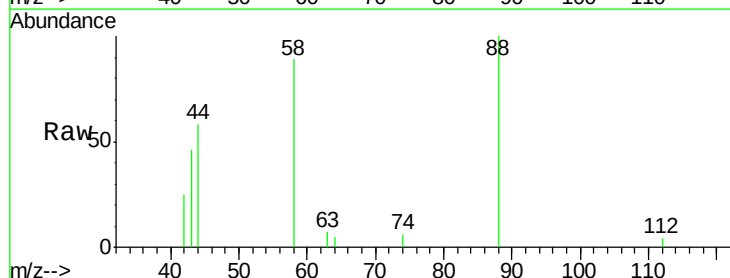
Tgt Ion: 88 Resp: 1948

Ion Ratio Lower Upper

88 100

58 75.7 65.8 98.6

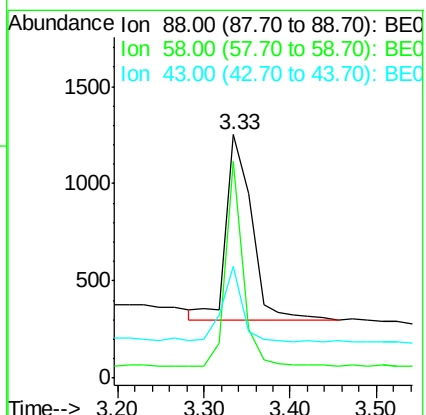
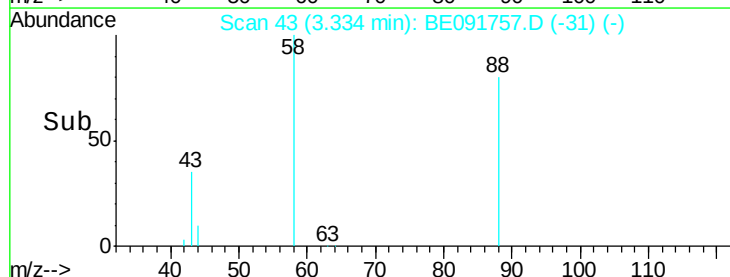
43 31.8 25.3 37.9

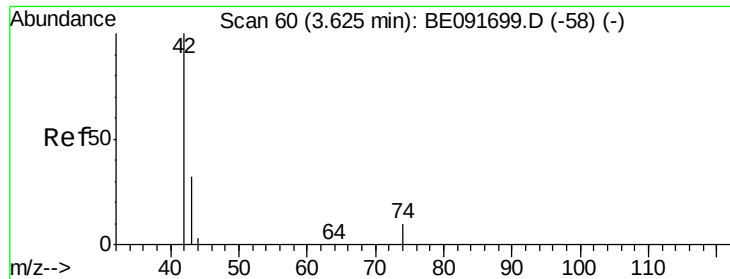


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.28 ng

RT: 3.65 min Scan# 61

Delta R.T. 0.02 min

Lab File: BE091757.D

Acq: 9 May 2016 14:35

Instrument :

BNA_E

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SSTDCCC0.4EC

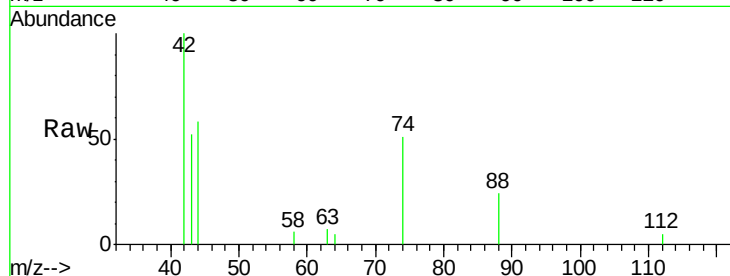
Tgt Ion: 42 Resp: 2047

Ion Ratio Lower Upper

42 100

74 106.3 87.9 131.9

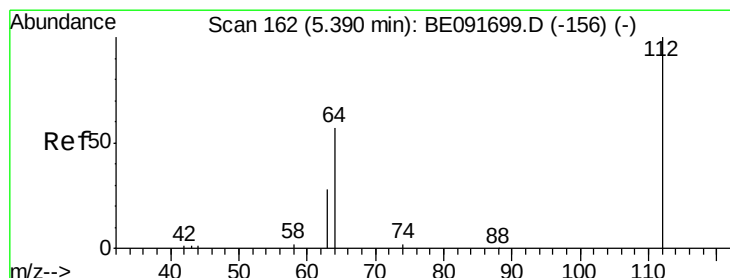
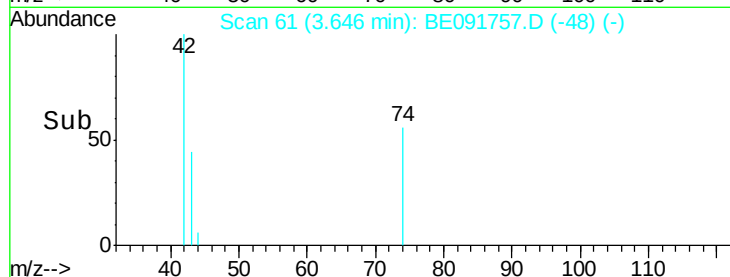
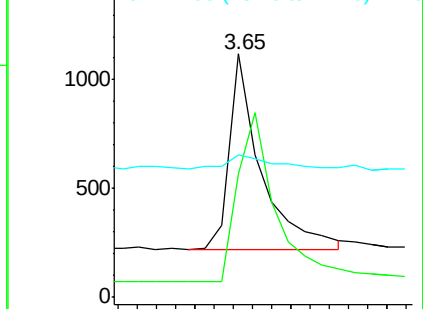
44 9.3 6.6 9.8



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.34 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091757.D

Acq: 9 May 2016 14:35

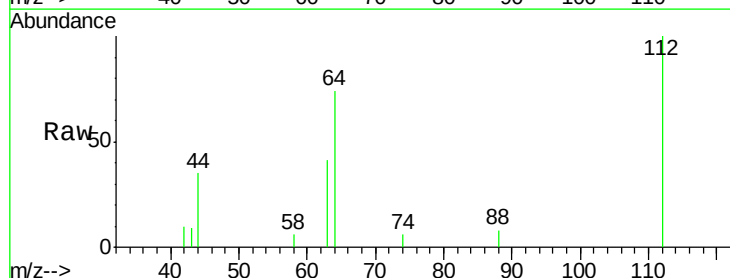
Tgt Ion: 112 Resp: 3438

Ion Ratio Lower Upper

112 100

64 67.0 30.9 46.3#

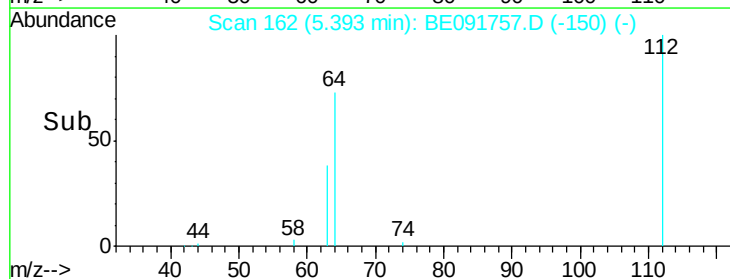
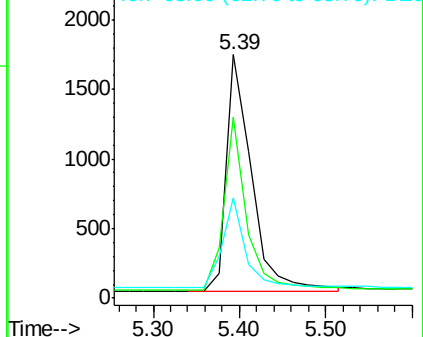
63 36.0 16.7 25.1#

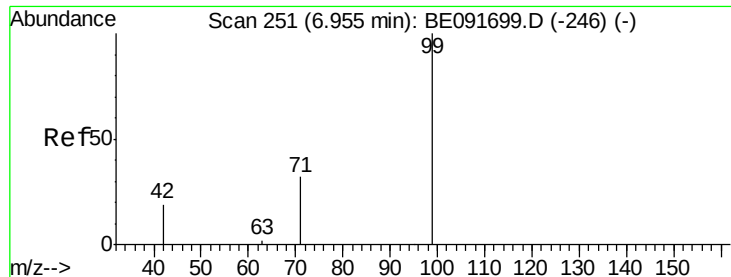


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.34 ng

RT: 6.97 min Scan# 252

Delta R.T. 0.02 min

Lab File: BE091757.D

Acq: 9 May 2016 14:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

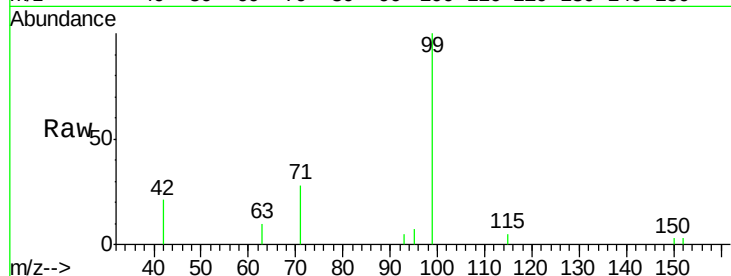
Tgt Ion: 99 Resp: 4525

Ion Ratio Lower Upper

99 100

42 26.3 16.2 24.2#

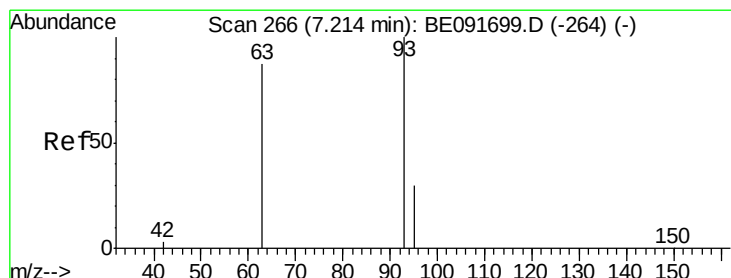
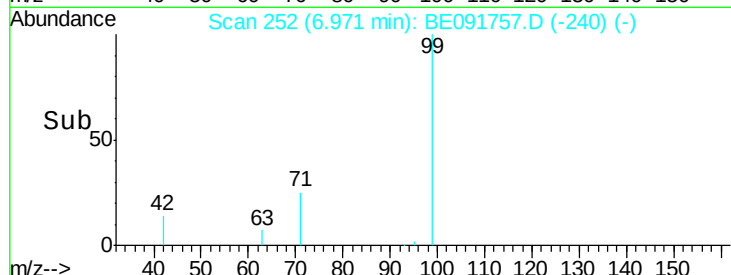
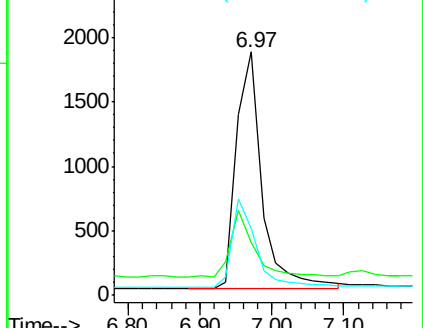
71 35.4 29.0 43.4



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: 0.35 ng

RT: 7.21 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE091757.D

Acq: 9 May 2016 14:35

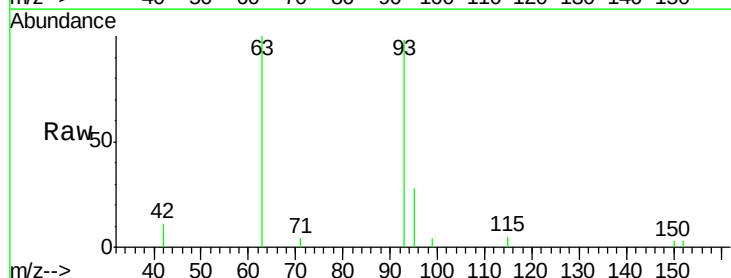
Tgt Ion: 93 Resp: 4068

Ion Ratio Lower Upper

93 100

63 81.7 49.5 74.3#

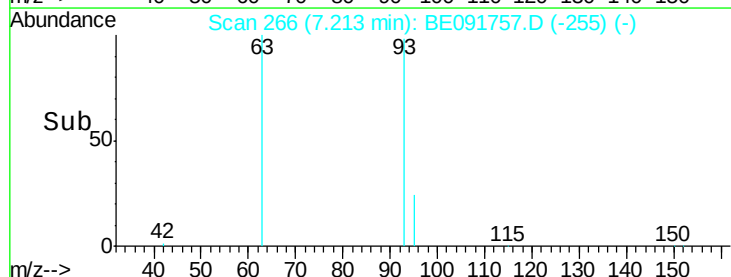
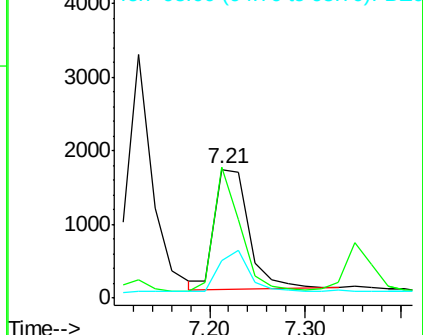
95 31.1 22.2 33.4

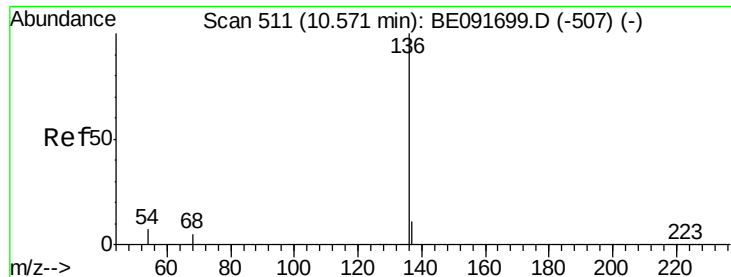


Abundance Ion 93.00 (92.70 to 93.70): BE0

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. 0.00 min

Lab File: BE091757.D

Acq: 9 May 2016 14:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 197749

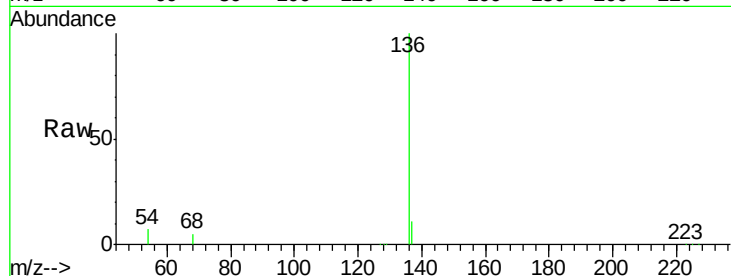
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.9 8.2 12.4#

68 5.2 6.2 9.4#

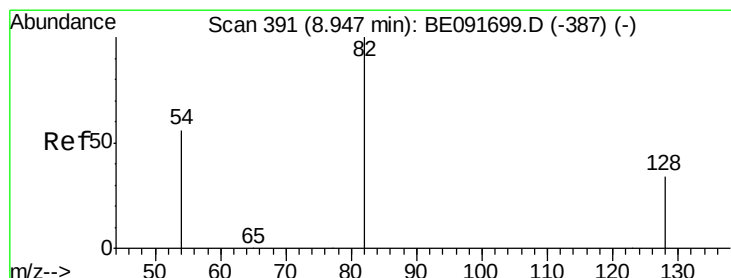
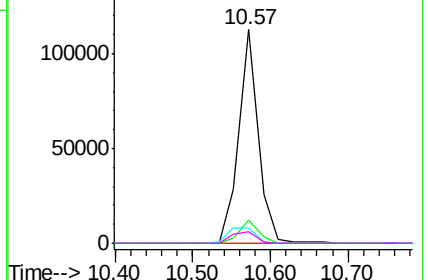
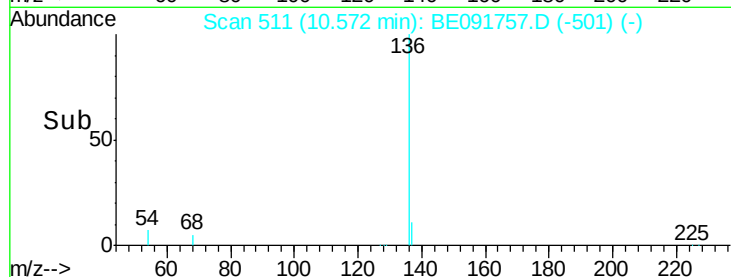


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.31 ng

RT: 8.96 min Scan# 392

Delta R.T. 0.01 min

Lab File: BE091757.D

Acq: 9 May 2016 14:35

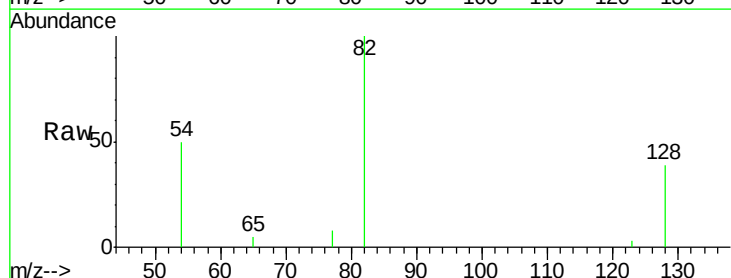
Tgt Ion: 82 Resp: 3969

Ion Ratio Lower Upper

82 100

128 39.5 25.4 38.0#

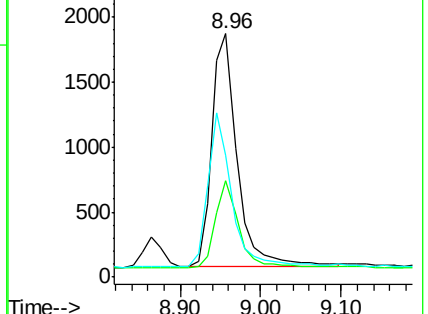
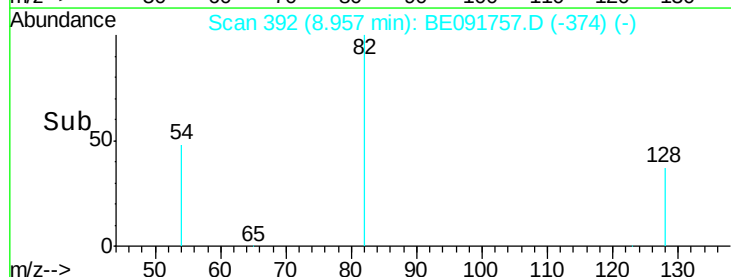
54 49.9 48.4 72.6

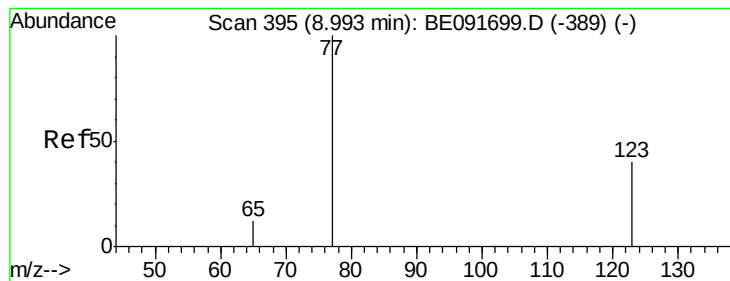


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.30 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE091757.D

Acq: 9 May 2016 14:35

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BNA_E

ClientSampleId :

SSTDCCC0.4EC

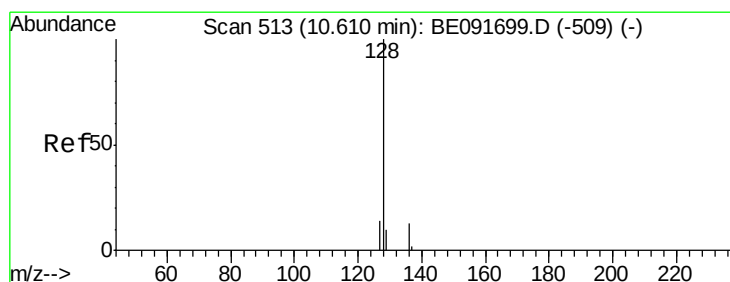
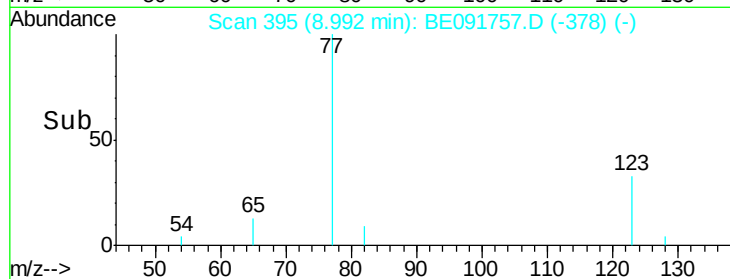
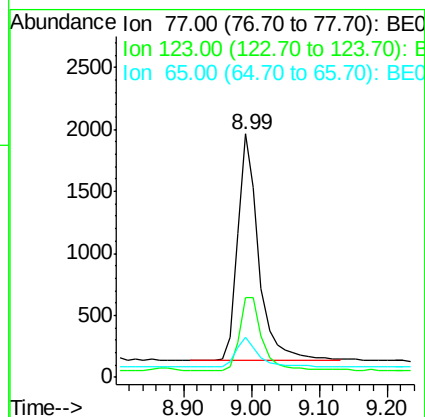
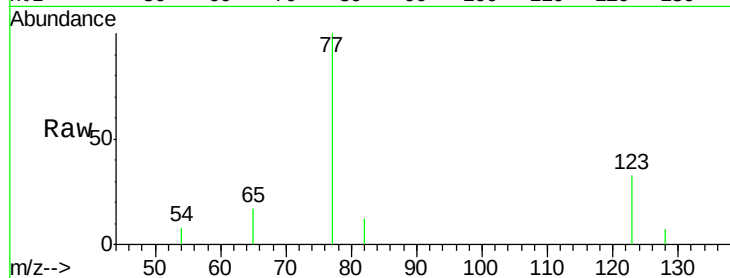
Tgt Ion: 77 Resp: 3974

Ion Ratio Lower Upper

77 100

123 35.7 26.9 40.3

65 14.7 9.4 14.2#



#10

Naphthalene

Concen: 0.39 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091757.D

Acq: 9 May 2016 14:35

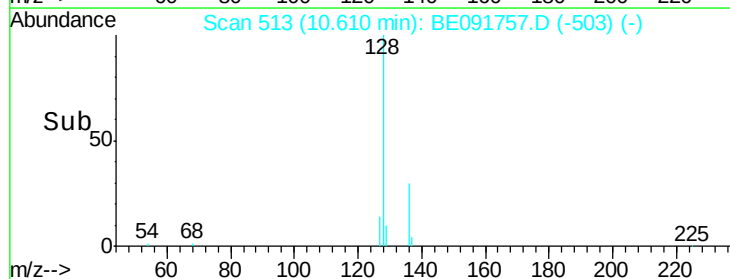
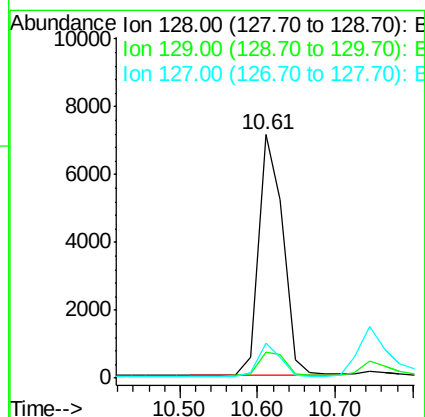
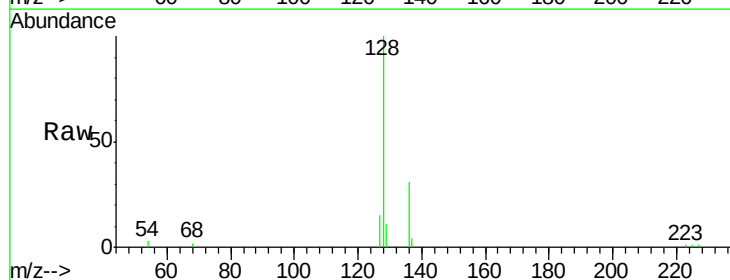
Tgt Ion: 128 Resp: 15609

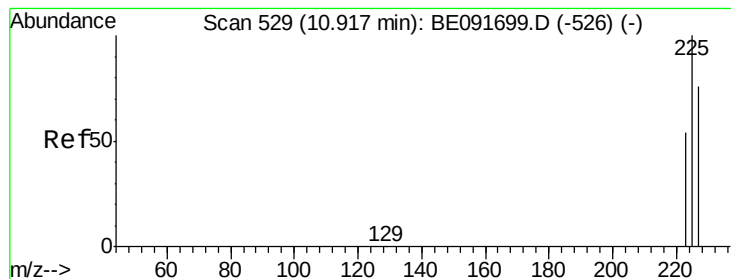
Ion Ratio Lower Upper

128 100

129 10.7 9.3 13.9

127 14.6 10.7 16.1





#11

Hexachlorobutadiene

Concen: 0.50 ng

RT: 10.90 min Scan# 528

Delta R.T. -0.02 min

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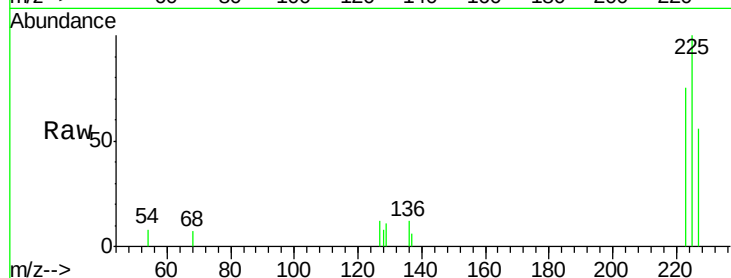
Tgt Ion: 225 Resp: 2971

Ion Ratio Lower Upper

225 100

223 72.2 49.0 73.6

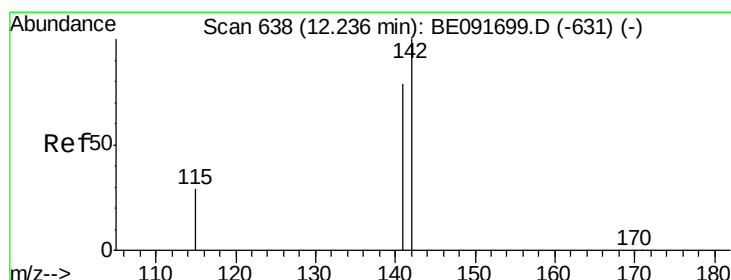
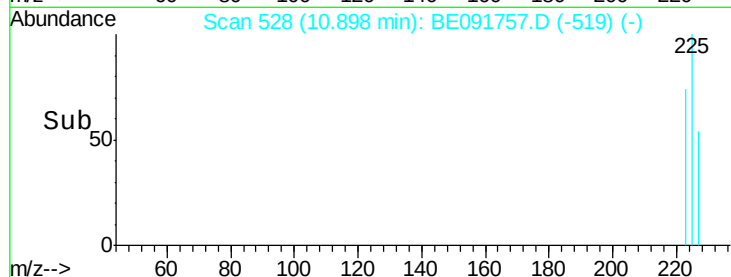
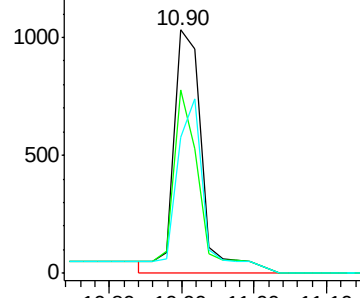
227 68.9 50.3 75.5



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: 0.38 ng

RT: 12.24 min Scan# 638

Delta R.T. 0.00 min

Lab File: BE091757.D

Acq: 9 May 2016 14:35

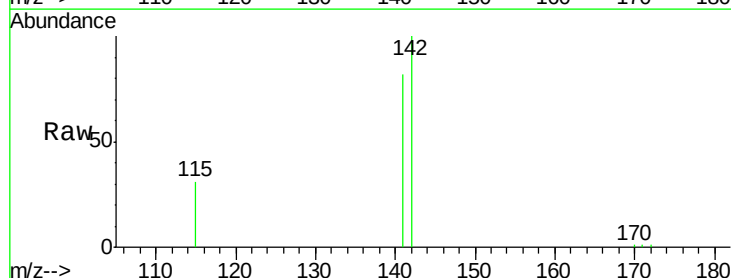
Tgt Ion: 142 Resp: 9817

Ion Ratio Lower Upper

142 100

141 82.1 71.4 107.0

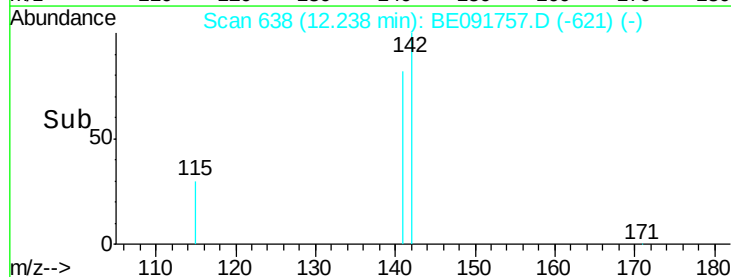
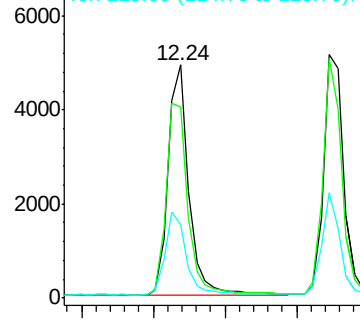
115 31.2 30.3 45.5

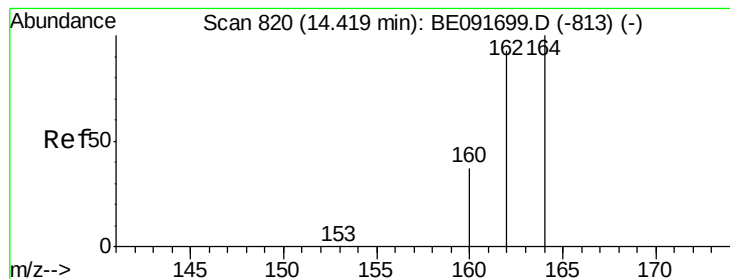


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091757.D

Acq: 9 May 2016 14:35

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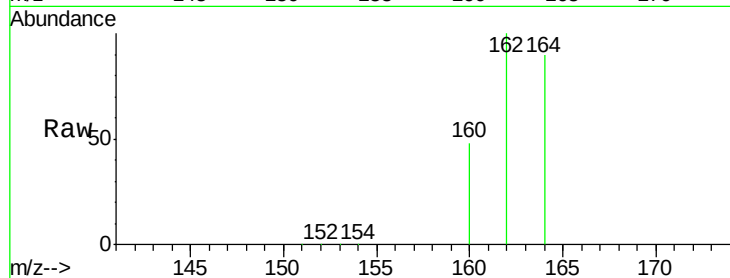
Tgt Ion:164 Resp: 121478

Ion Ratio Lower Upper

164 100

162 111.2 85.3 127.9

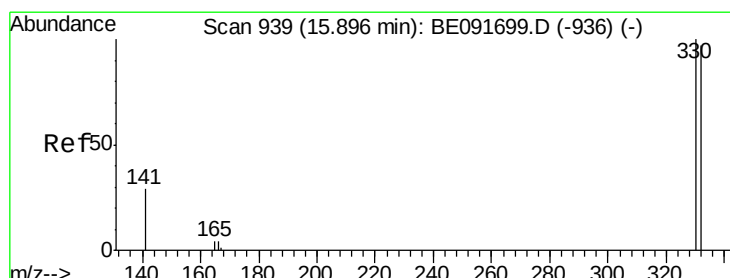
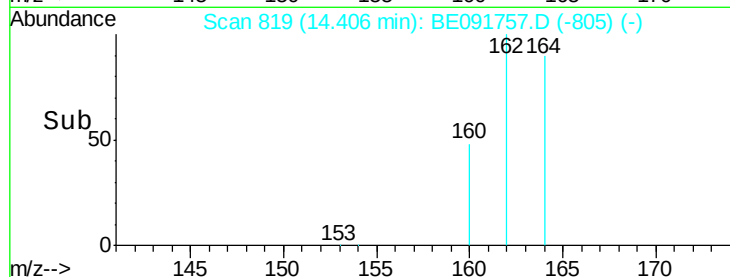
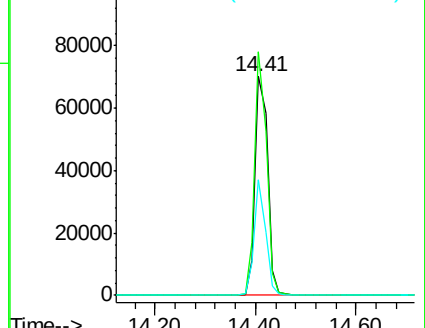
160 53.0 46.2 69.2



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: 0.40 ng

RT: 15.90 min Scan# 939

Delta R.T. 0.00 min

Lab File: BE091757.D

Acq: 9 May 2016 14:35

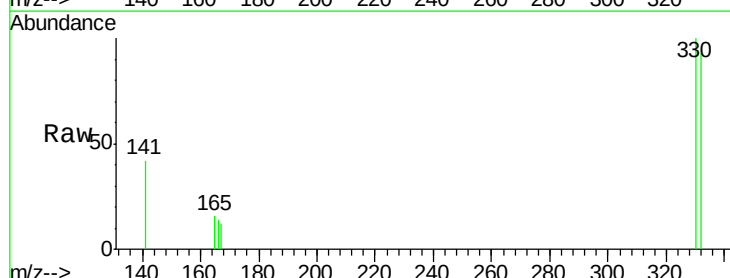
Tgt Ion:330 Resp: 1094

Ion Ratio Lower Upper

330 100

332 95.3 79.1 118.7

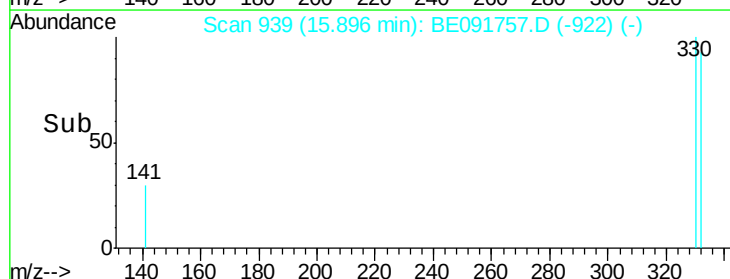
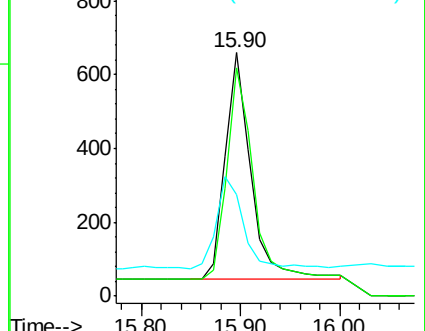
141 43.1 125.4 188.0#

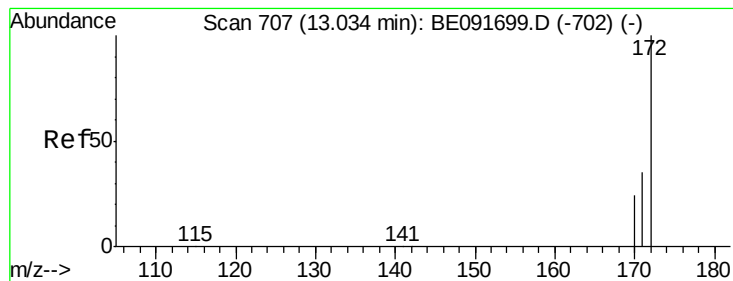


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

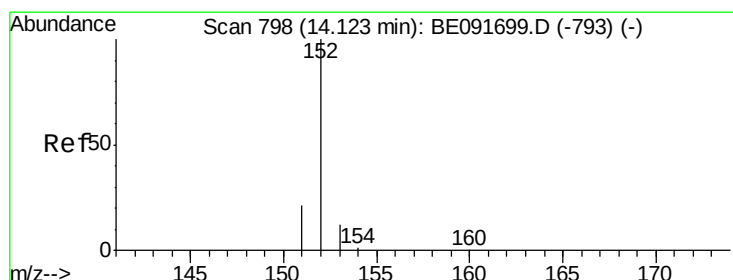
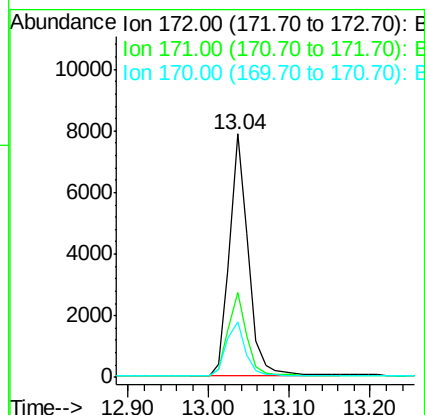
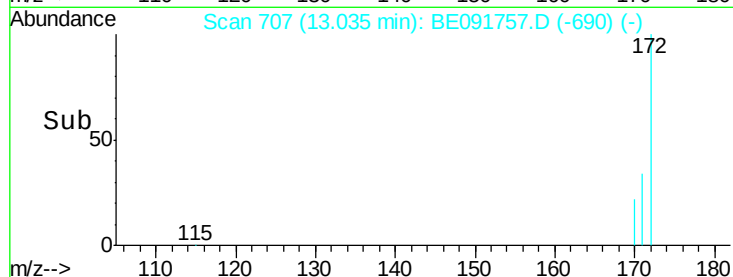
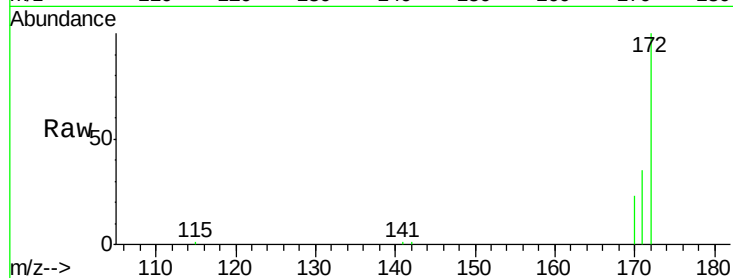




#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 13.04 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091757.D
Acq: 9 May 2016 14:35

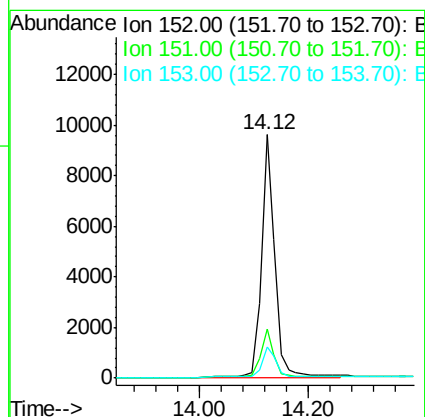
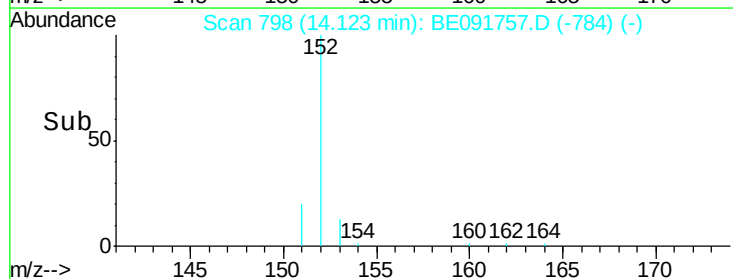
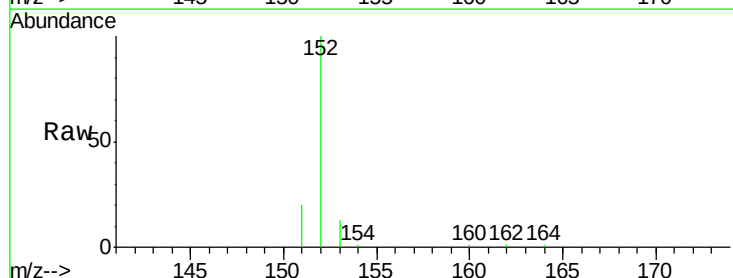
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

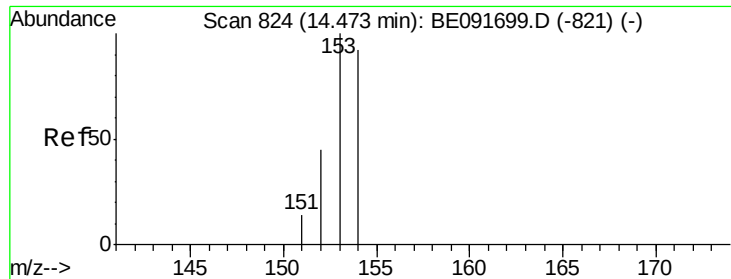
Tgt Ion:172 Resp: 12700
Ion Ratio Lower Upper
172 100
171 34.7 28.8 43.2
170 23.0 19.3 28.9



#16
Acenaphthylene
Concen: 0.39 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091757.D
Acq: 9 May 2016 14:35

Tgt Ion:152 Resp: 18051
Ion Ratio Lower Upper
152 100
151 23.1 3.9 5.9#
153 17.0 10.3 15.5#





#17

Acenaphthene

Concen: 0.37 ng

RT: 14.47 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE091757.D

Acq: 9 May 2016 14:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

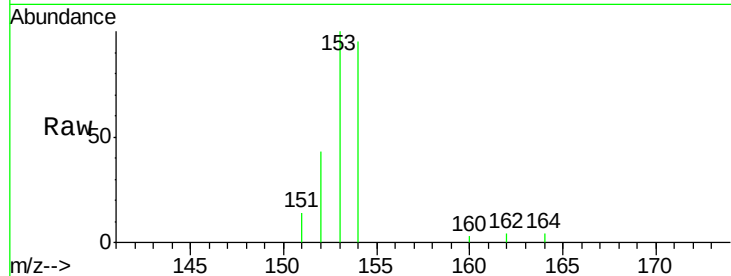
Tgt Ion:154 Resp: 11113

Ion Ratio Lower Upper

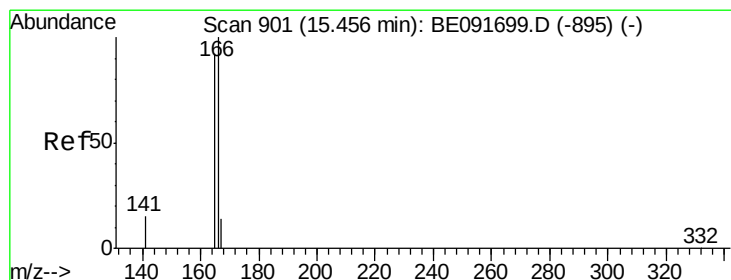
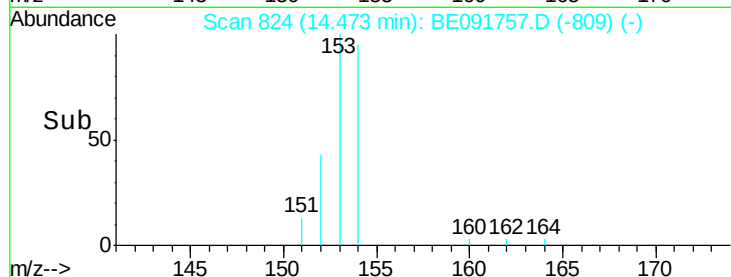
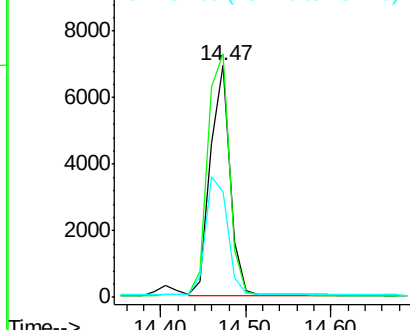
154 100

153 116.0 80.0 120.0

152 57.3 40.0 60.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.37 ng

RT: 15.46 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE091757.D

Acq: 9 May 2016 14:35

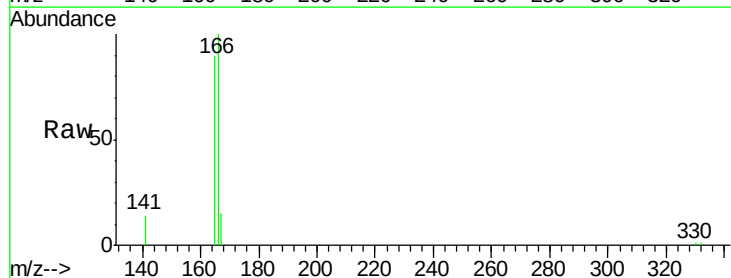
Tgt Ion:166 Resp: 13759

Ion Ratio Lower Upper

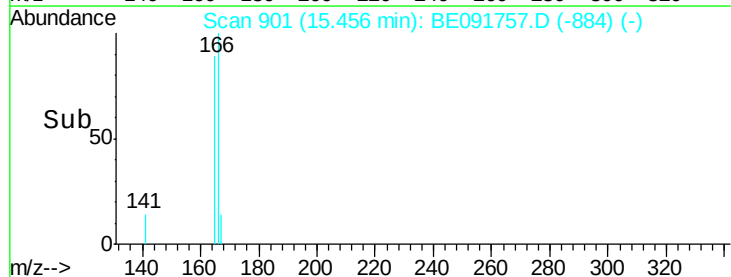
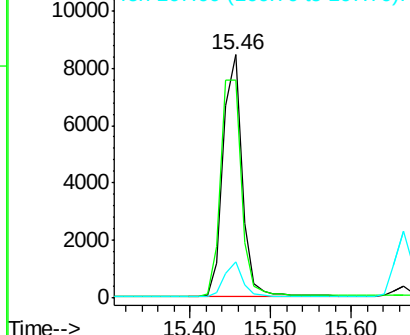
166 100

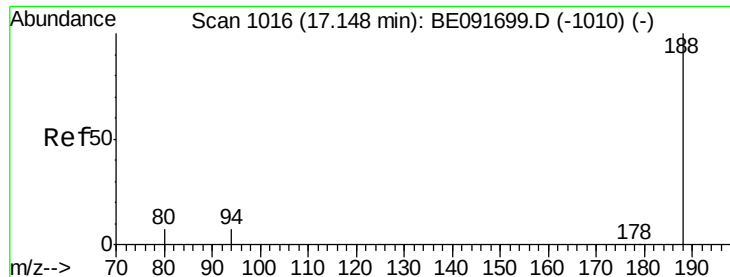
165 99.3 80.8 121.2

167 13.5 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

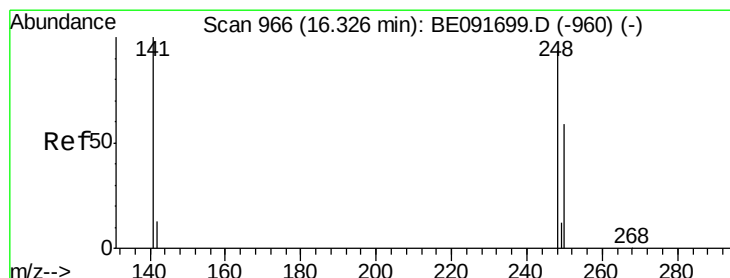
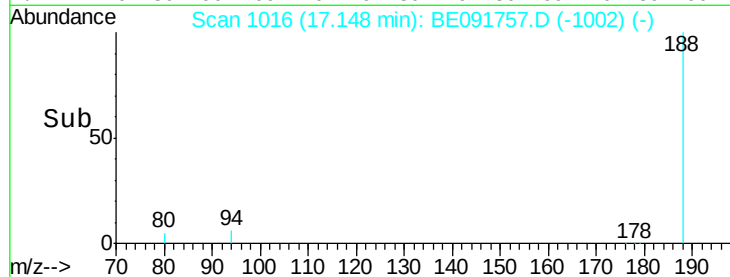
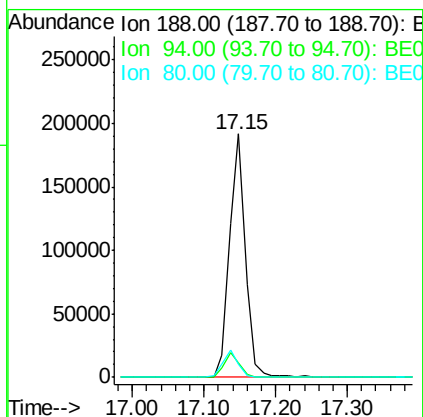
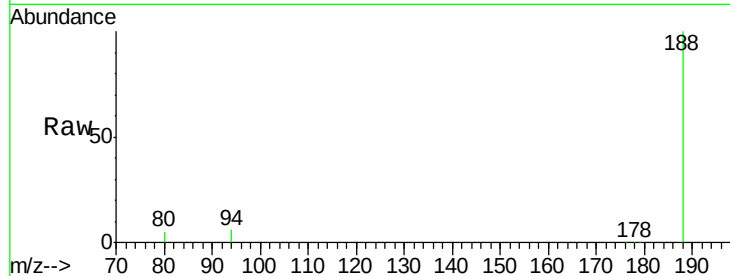




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091757.D
Acq: 9 May 2016 14:35

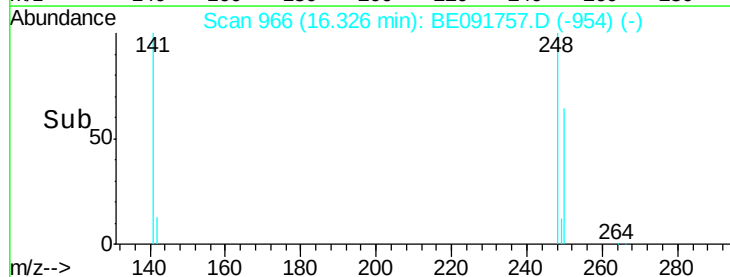
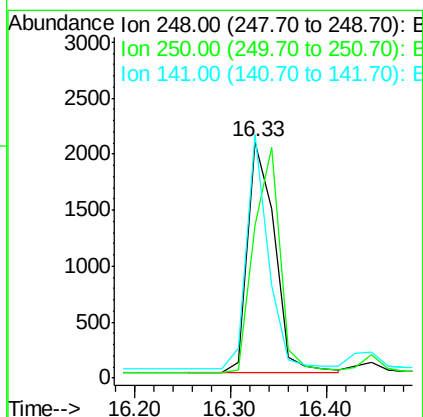
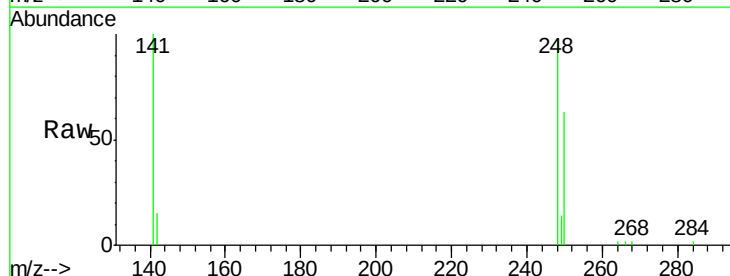
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

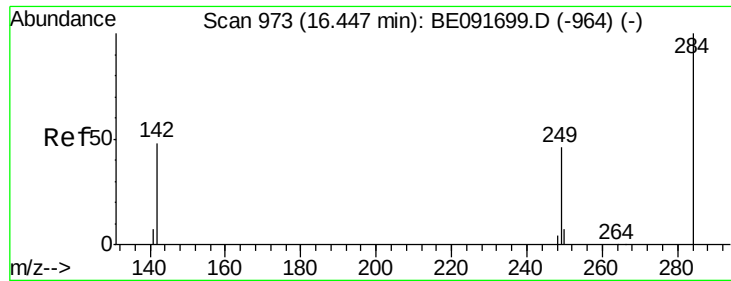
Tgt Ion:188 Resp: 294012
Ion Ratio Lower Upper
188 100
94 6.1 8.7 13.1#
80 5.4 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091757.D
Acq: 9 May 2016 14:35

Tgt Ion:248 Resp: 4015
Ion Ratio Lower Upper
248 100
250 95.4 80.5 120.7
141 83.4 72.0 108.0

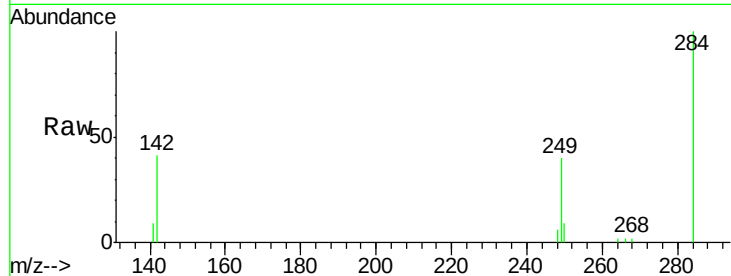




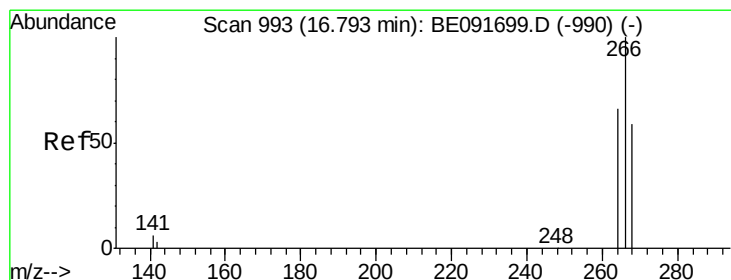
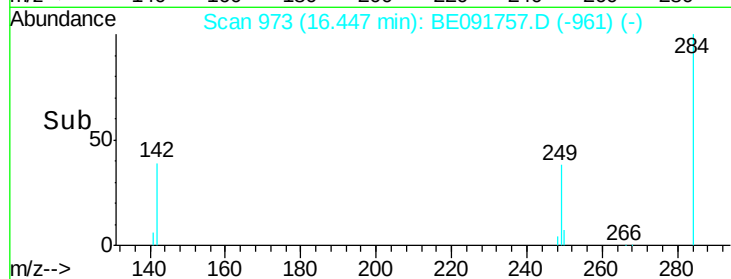
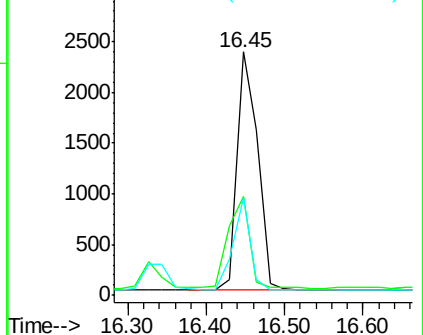
#21
Hexachlorobenzene
Concen: 0.41 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091757.D
Acq: 9 May 2016 14:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 284 Resp: 4305
Ion Ratio Lower Upper
284 100
142 39.2 32.2 48.2
249 31.8 25.4 38.2

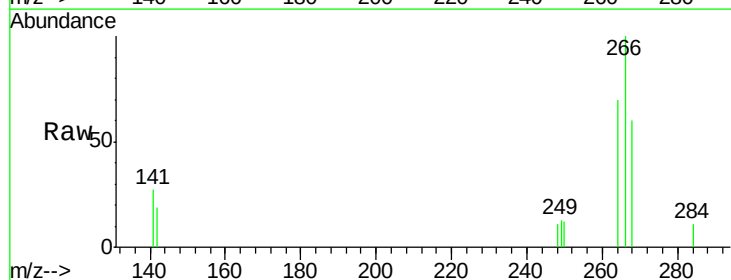


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

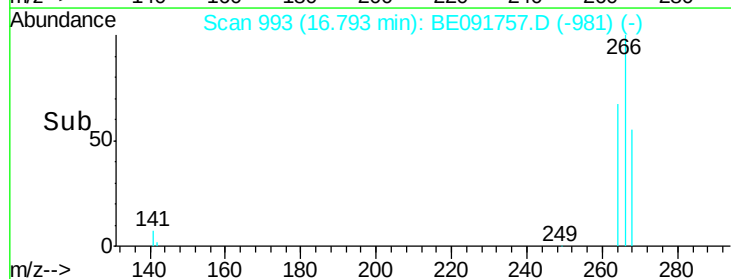
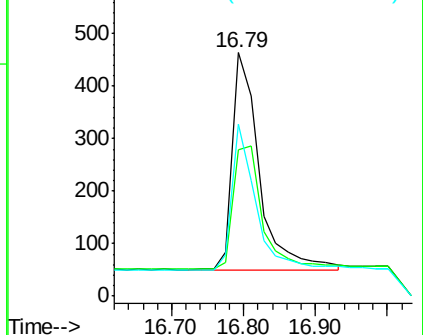


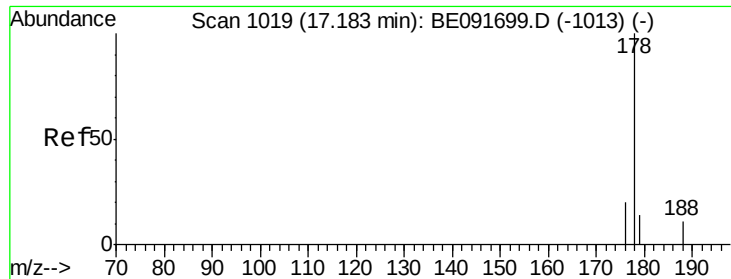
#22
Pentachlorophenol
Concen: 0.28 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE091757.D
Acq: 9 May 2016 14:35

Tgt Ion: 266 Resp: 1066
Ion Ratio Lower Upper
266 100
268 60.1 58.2 87.2
264 70.5 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: 0.38 ng

RT: 17.18 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE091757.D

Acq: 9 May 2016 14:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

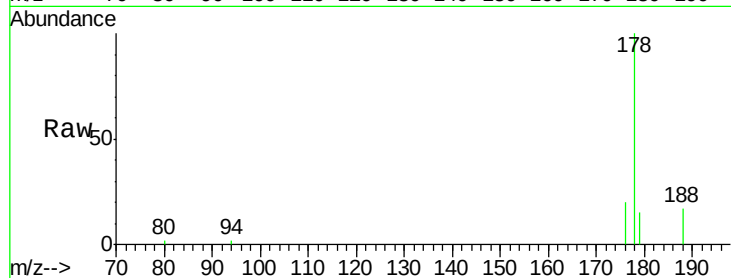
Tgt Ion:178 Resp: 25698

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

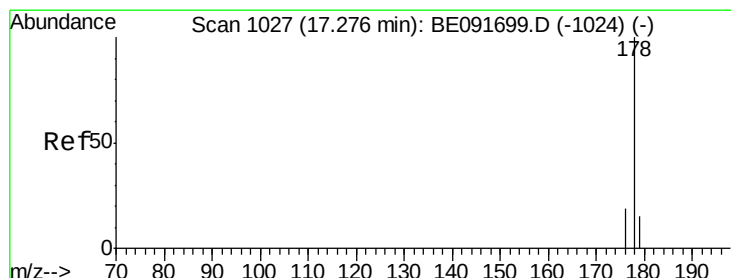
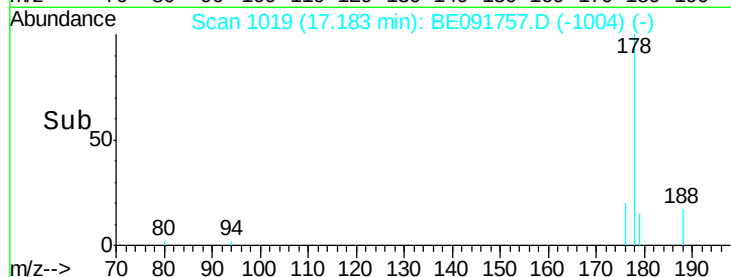
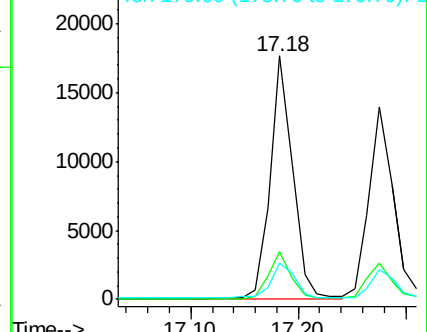
179 16.1 12.6 18.8



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: 0.37 ng

RT: 17.28 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE091757.D

Acq: 9 May 2016 14:35

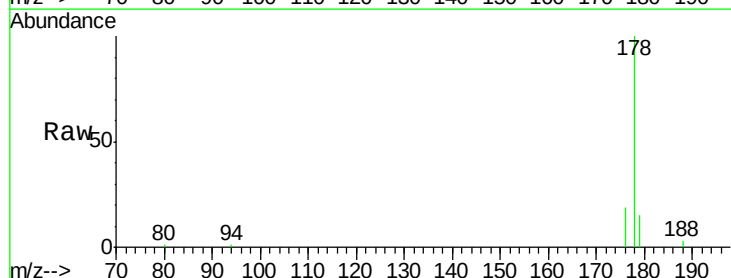
Tgt Ion:178 Resp: 22516

Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

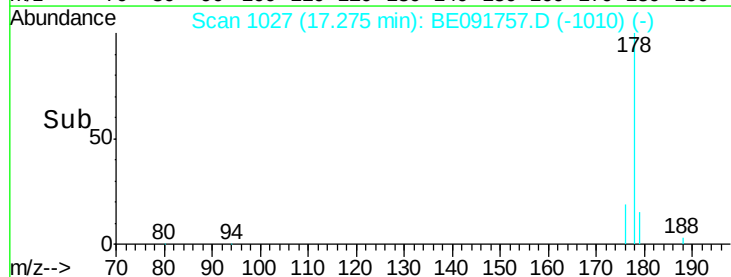
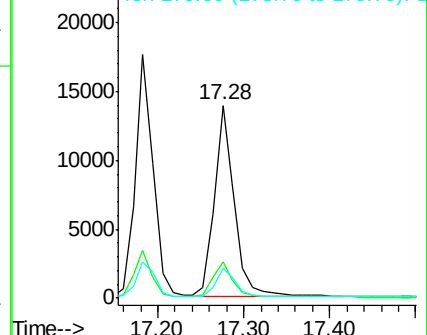
179 15.3 11.8 17.6

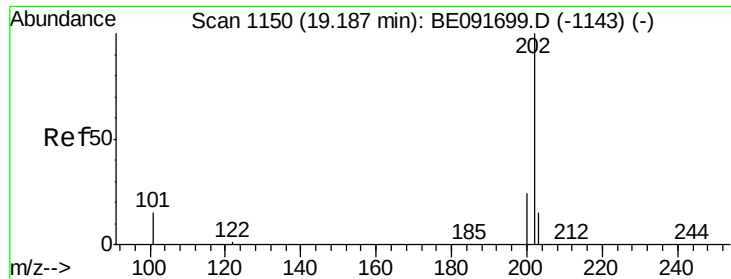


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.37 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091757.D

Acq: 9 May 2016 14:35

Instrument :

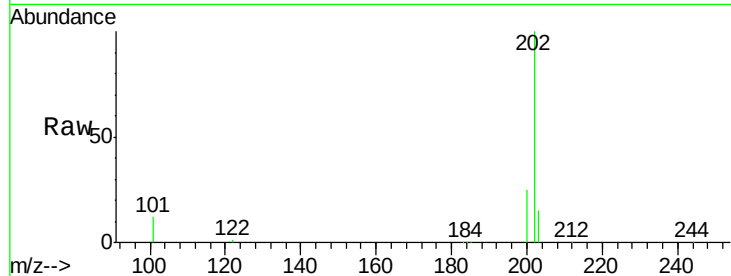
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 202 Resp: 25553

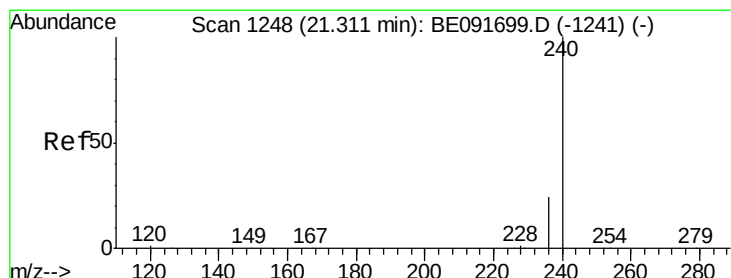
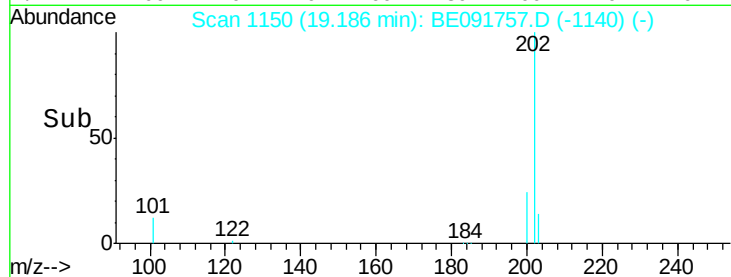
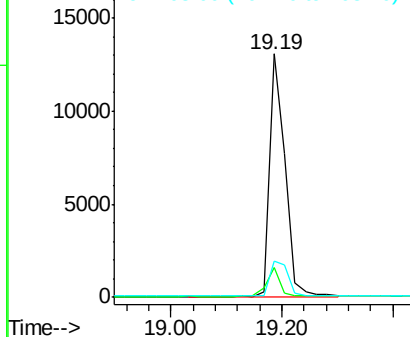
Ion	Ratio	Lower	Upper
202	100		
101	10.3	11.0	16.6#
203	17.2	13.9	20.9



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

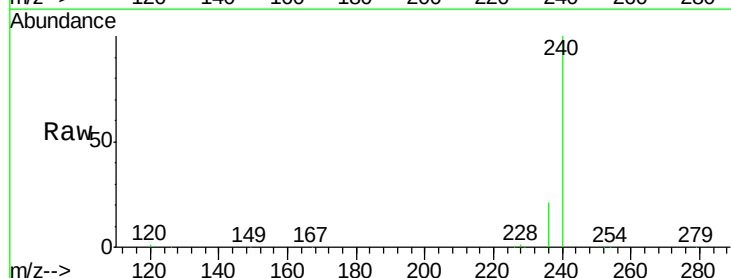
Delta R.T. 0.00 min

Lab File: BE091757.D

Acq: 9 May 2016 14:35

Tgt Ion: 240 Resp: 284397

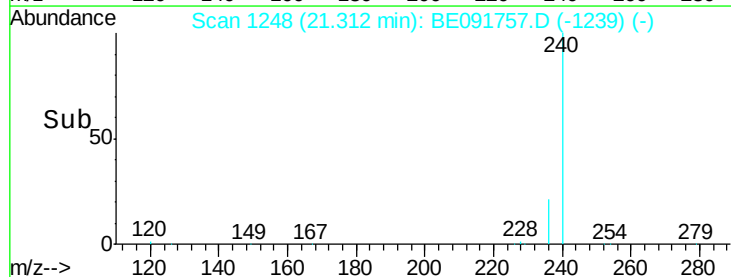
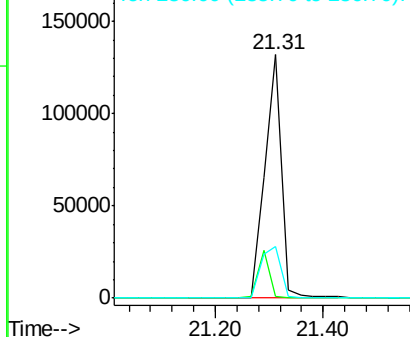
Ion	Ratio	Lower	Upper
240	100		
120	1.0	11.0	16.4#
236	21.3	21.7	32.5#

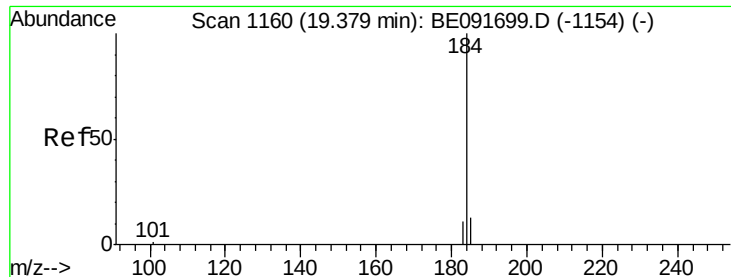


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.47 ng

RT: 19.38 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE091757.D

Acq: 9 May 2016 14:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

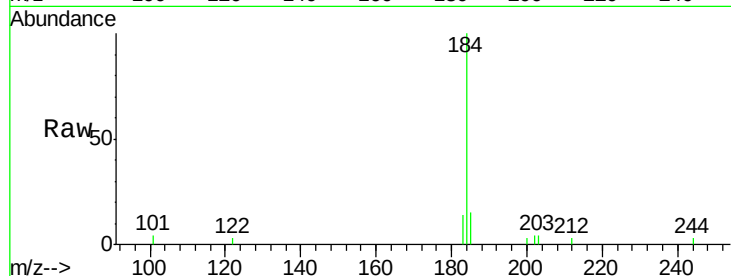
Tgt Ion:184 Resp: 7059

Ion Ratio Lower Upper

184 100

185 14.9 22.3 33.5#

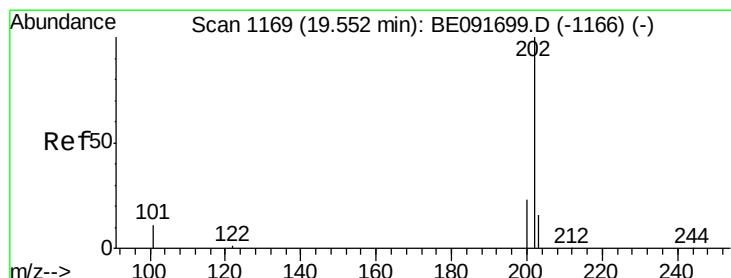
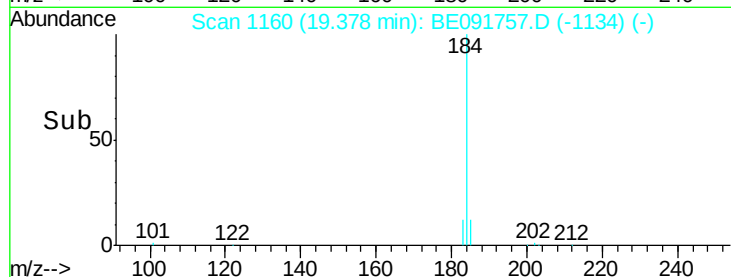
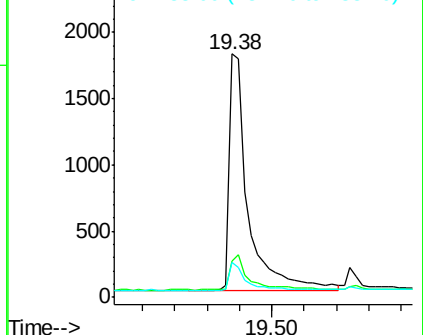
183 14.3 16.4 24.6#



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: BE091757.D

Acq: 9 May 2016 14:35

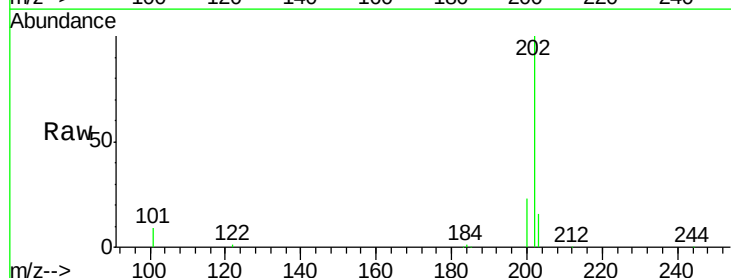
Tgt Ion:202 Resp: 27526

Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

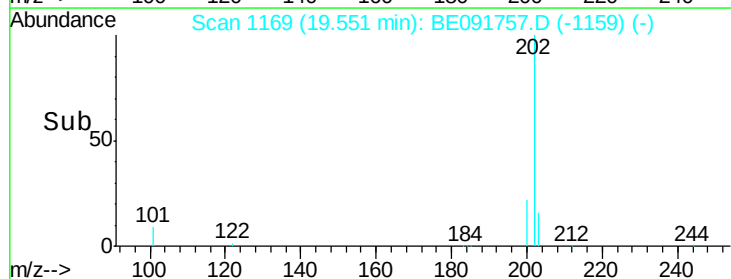
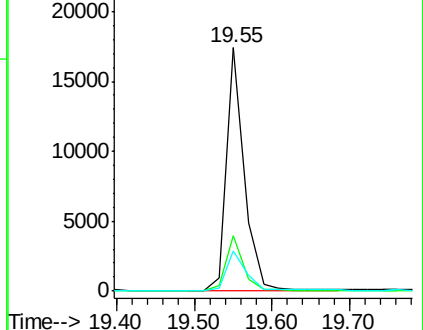
203 17.4 14.0 21.0

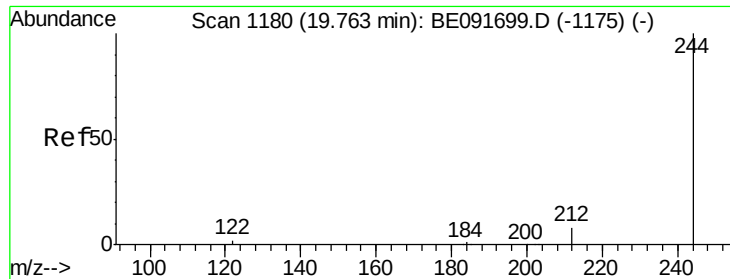


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.43 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091757.D

Acq: 9 May 2016 14:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

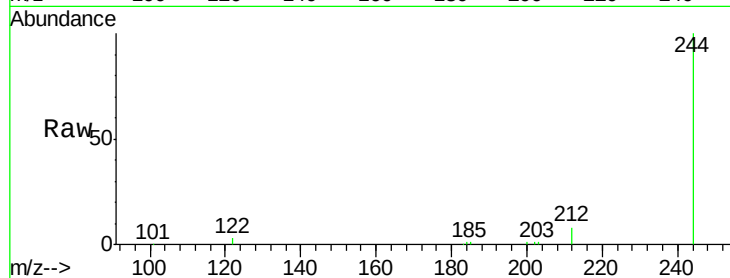
Tgt Ion:244 Resp: 19116

Ion Ratio Lower Upper

244 100

212 7.6 6.9 10.3

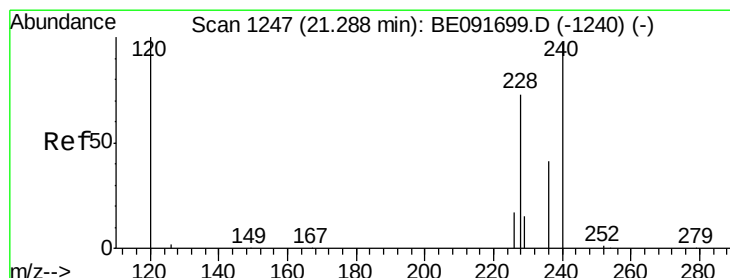
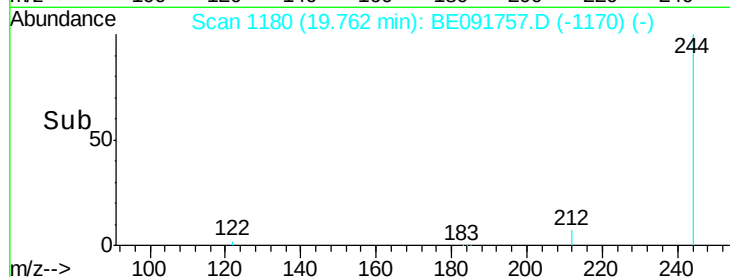
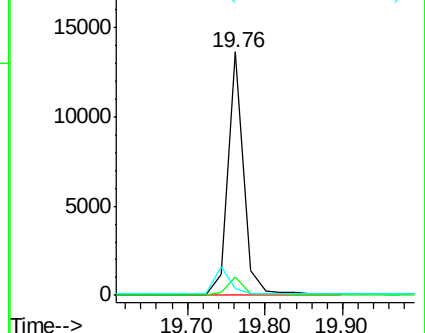
122 2.7 11.0 16.4#



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: 0.39 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091757.D

Acq: 9 May 2016 14:35

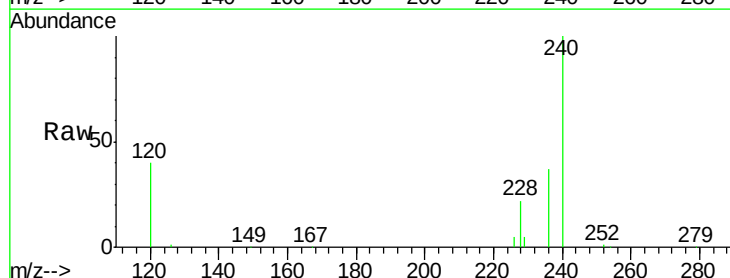
Tgt Ion:228 Resp: 27348

Ion Ratio Lower Upper

228 100

226 22.0 21.0 31.4

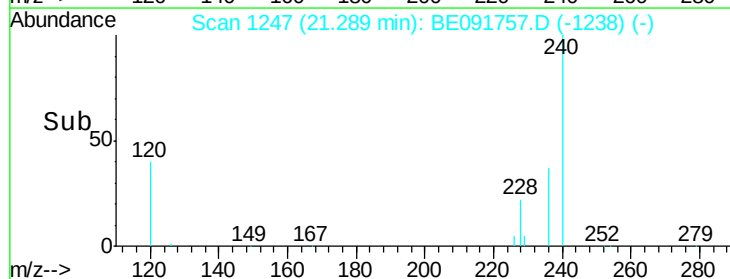
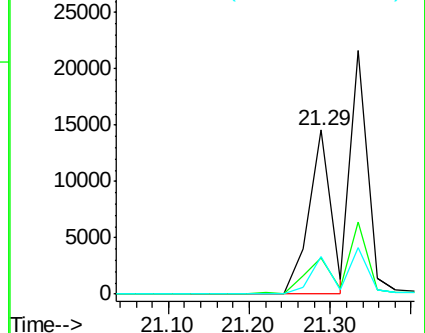
229 22.8 15.7 23.5

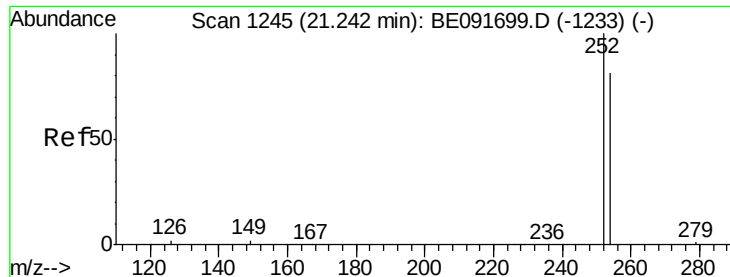


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

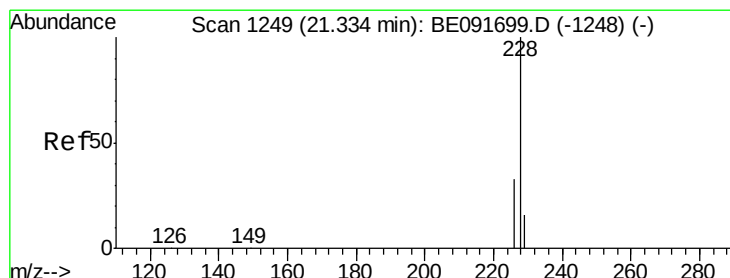
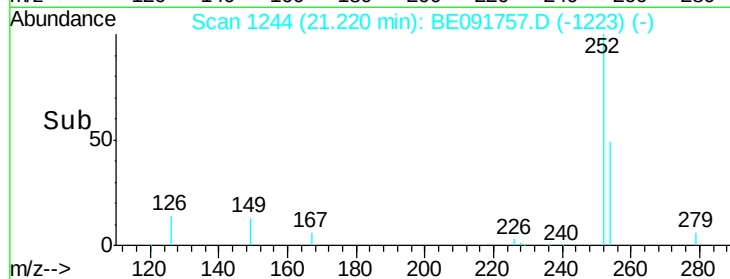
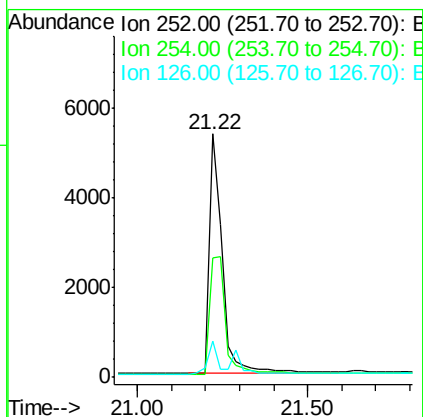
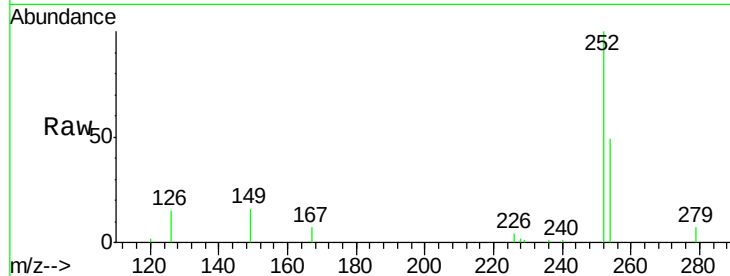




#31
 3,3'-Dichlorobenzidine
 Concen: 0.41 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091757.D
 Acq: 9 May 2016 14:35

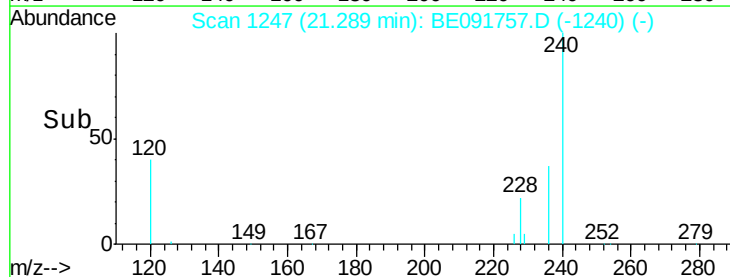
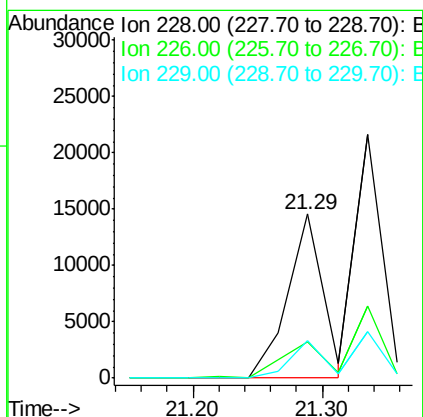
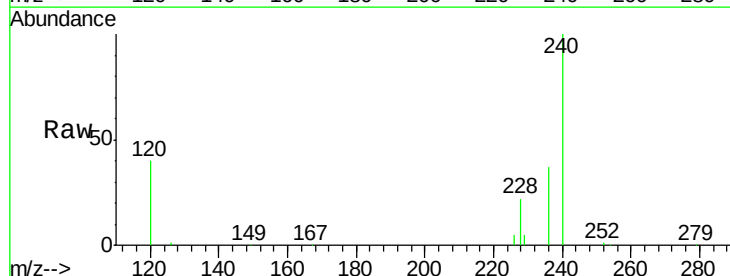
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

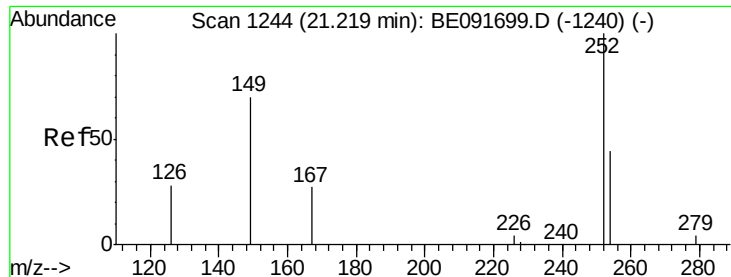
Tgt Ion: 252 Resp: 14473
 Ion Ratio Lower Upper
 252 100
 254 49.0 51.1 76.7#
 126 14.9 12.6 18.8



#32
 Chrysene
 Concen: 0.38 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BE091757.D
 Acq: 9 May 2016 14:35

Tgt Ion: 228 Resp: 27307
 Ion Ratio Lower Upper
 228 100
 226 22.0 24.0 36.0#
 229 22.8 15.9 23.9

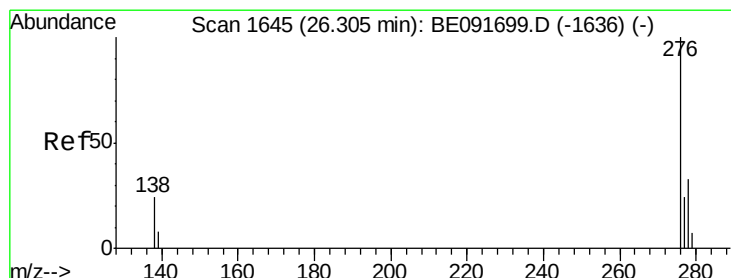
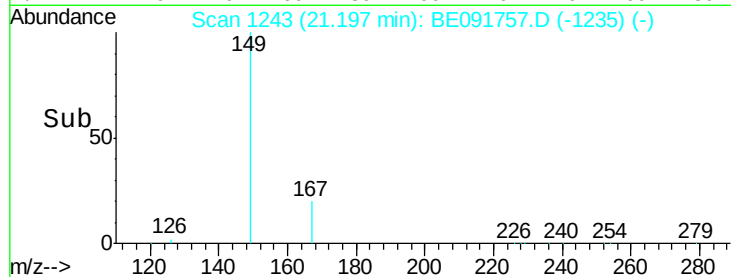
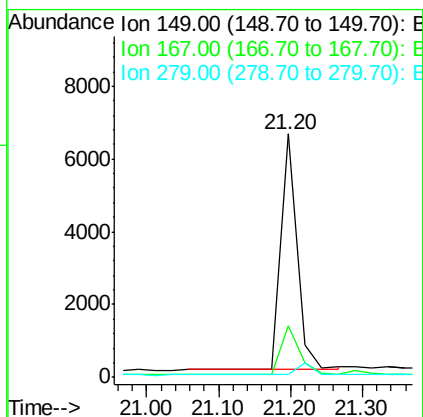
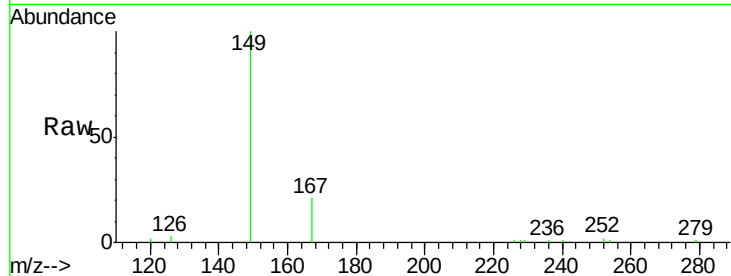




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.48 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091757.D
 Acq: 9 May 2016 14:35

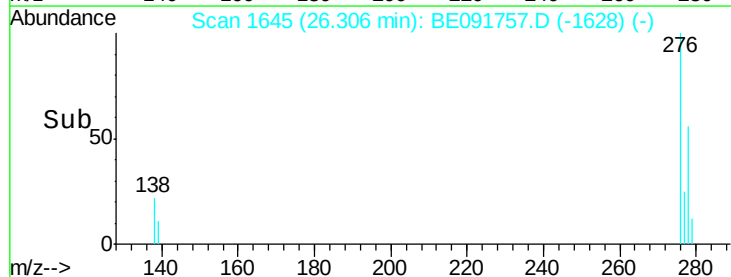
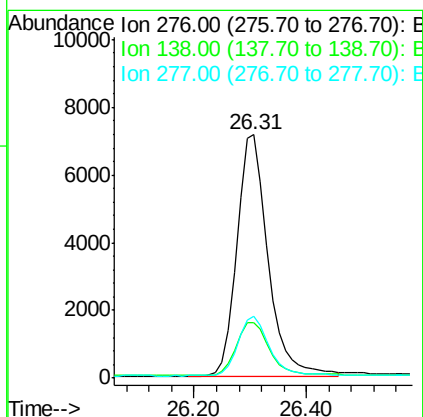
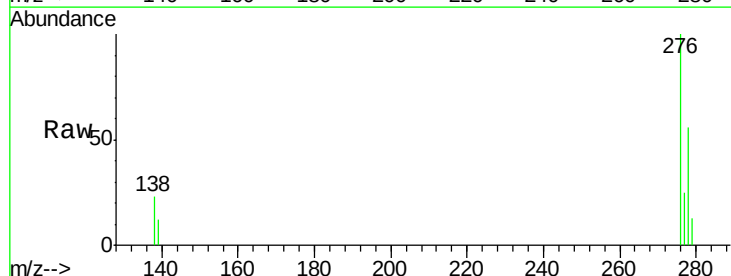
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

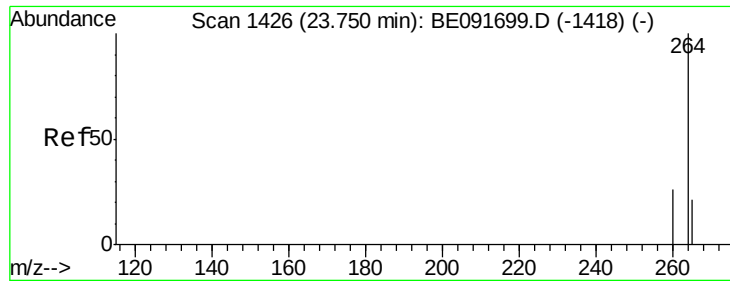
Tgt Ion:149 Resp: 10163
 Ion Ratio Lower Upper
 149 100
 167 22.6 19.5 29.3
 279 0.0 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.43 ng
 RT: 26.31 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BE091757.D
 Acq: 9 May 2016 14:35

Tgt Ion:276 Resp: 27840
 Ion Ratio Lower Upper
 276 100
 138 23.7 23.4 35.2
 277 24.9 19.8 29.8

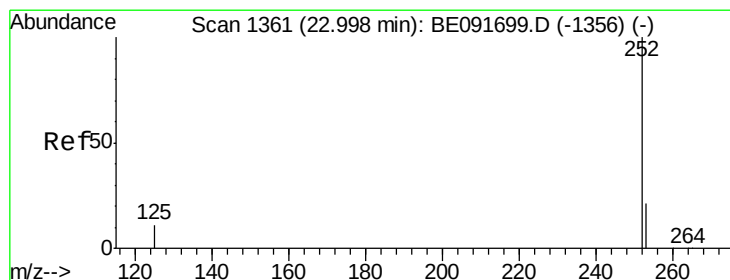
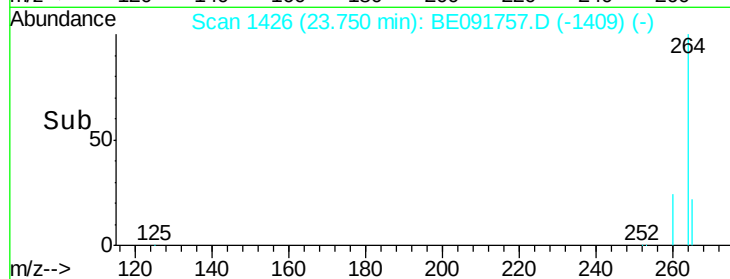
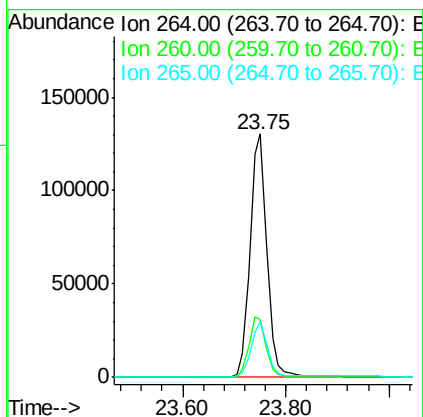
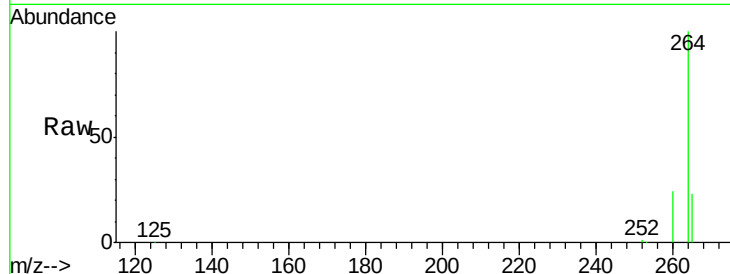




#35
Perylene-d12
 Concen: 5.00 ng
 RT: 23.75 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BE091757.D
 Acq: 9 May 2016 14:35

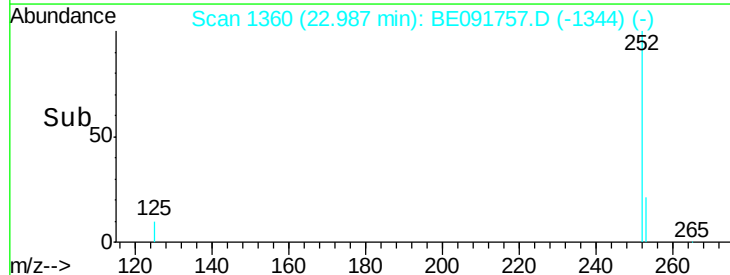
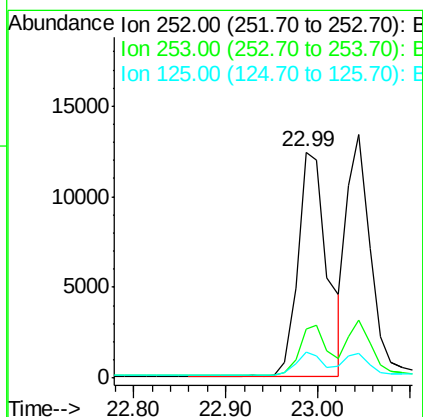
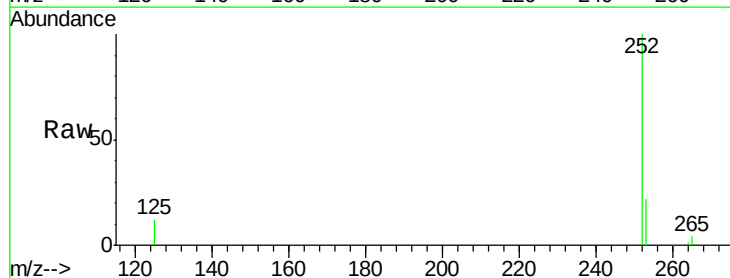
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

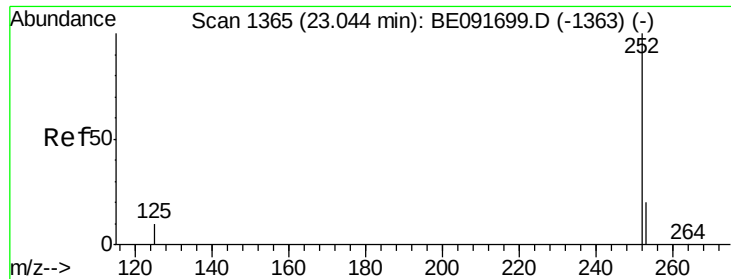
Tgt Ion: 264 Resp: 296536
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.0 30.0
 265 22.7 17.5 26.3



#36
Benzo(b)fluoranthene
 Concen: 0.40 ng
 RT: 22.99 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BE091757.D
 Acq: 9 May 2016 14:35

Tgt Ion: 252 Resp: 27553
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.4 26.0
 125 11.6 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 0.34 ng

RT: 23.04 min Scan# 1365

Delta R.T. 0.00 min

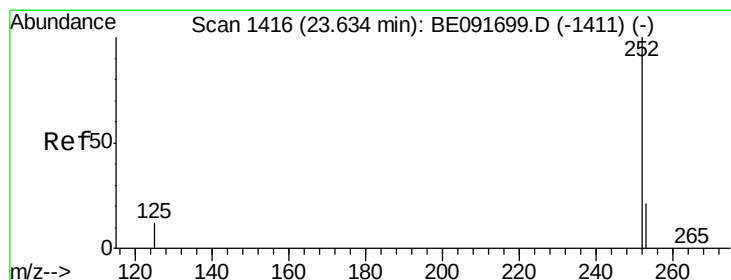
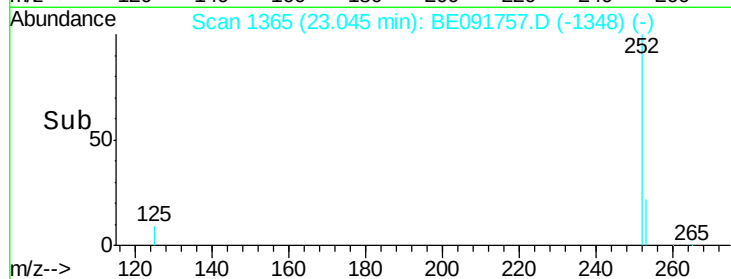
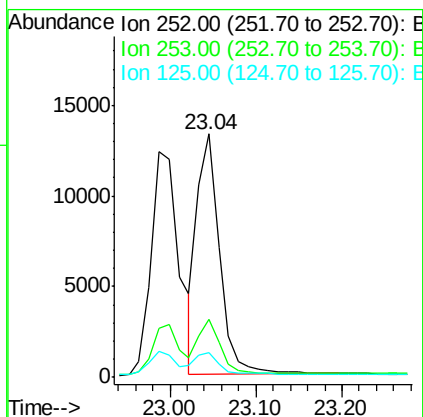
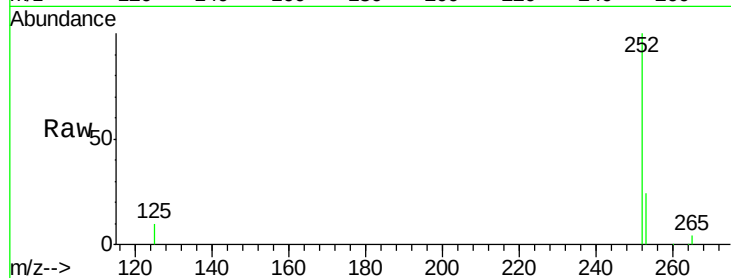
Lab File: BE091757.D

Acq: 9 May 2016 14:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 252 Resp: 24103

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	10.0	9.9	14.9



#38

Benzo(a)pyrene

Concen: 0.37 ng

RT: 23.63 min Scan# 1416

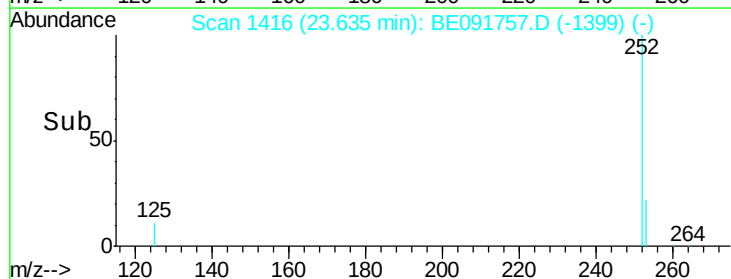
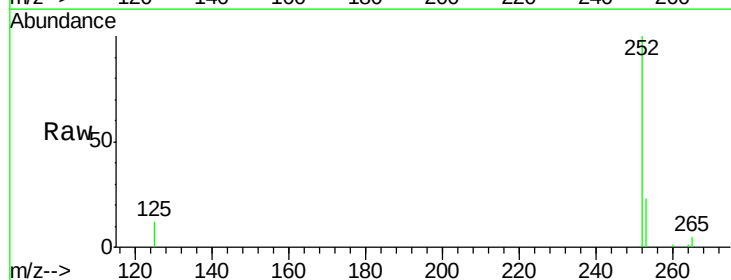
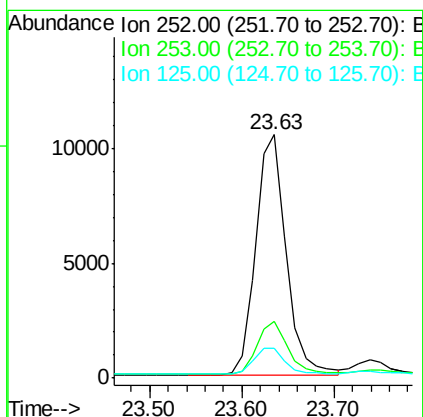
Delta R.T. 0.00 min

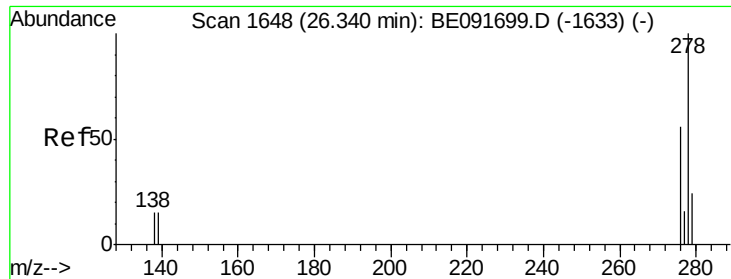
Lab File: BE091757.D

Acq: 9 May 2016 14:35

Tgt Ion: 252 Resp: 24051

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	12.1	11.0	16.4





#39

Dibenzo(a,h)anthracene

Concen: 0.37 ng

RT: 26.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE091757.D

Acq: 9 May 2016 14:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

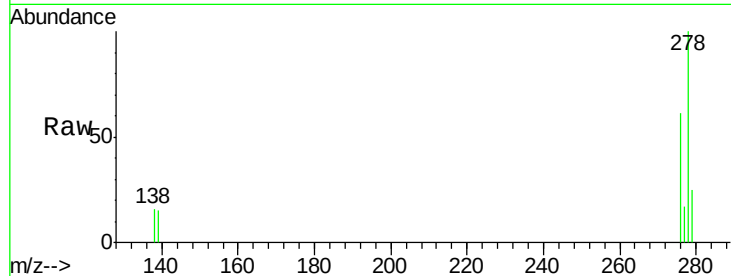
Tgt Ion: 278 Resp: 22720

Ion Ratio Lower Upper

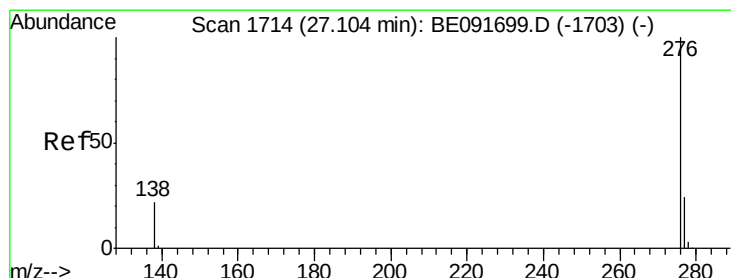
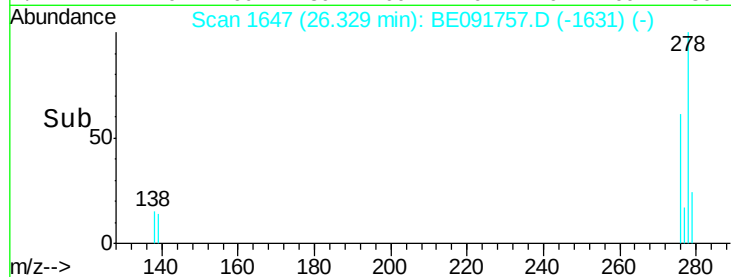
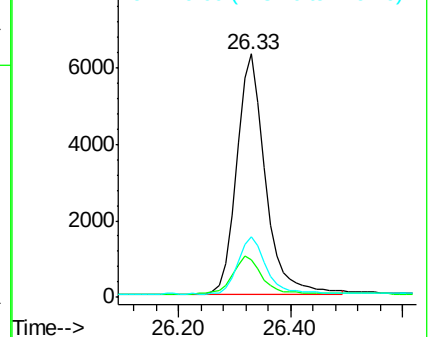
278 100

139 15.5 16.0 24.0#

279 24.8 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: 0.38 ng

RT: 27.09 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BE091757.D

Acq: 9 May 2016 14:35

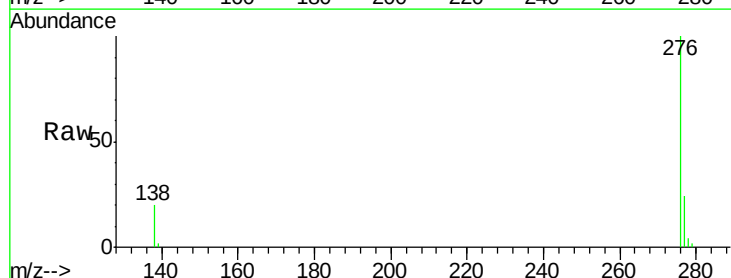
Tgt Ion: 276 Resp: 23985

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 20.2 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

