

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051016\
 Data File : BE091761.D
 Acq On : 10 May 2016 18:02
 Operator : UM/SJ
 Sample : PB90409BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90409BS

Quant Time: May 11 01:18:05 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	44132	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	210812	5.00	ng	0.00
13) Acenaphthene-d10	14.40	164	126100	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	337783	5.00	ng	0.00
26) Chrysene-d12	21.31	240	301314	5.00	ng	0.00
35) Perylene-d12	23.75	264	300478	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	76003	7.01	ng	0.00
5) Phenol-d6	6.95	99	110988	7.72	ng	0.00
8) Nitrobenzene-d5	8.95	82	51981	3.82	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	36104	7.70	ng	0.00
15) 2-Fluorobiphenyl	13.04	172	143144	4.01	ng	0.00
29) Terphenyl-d14	19.76	244	219593	4.67	ng	0.00

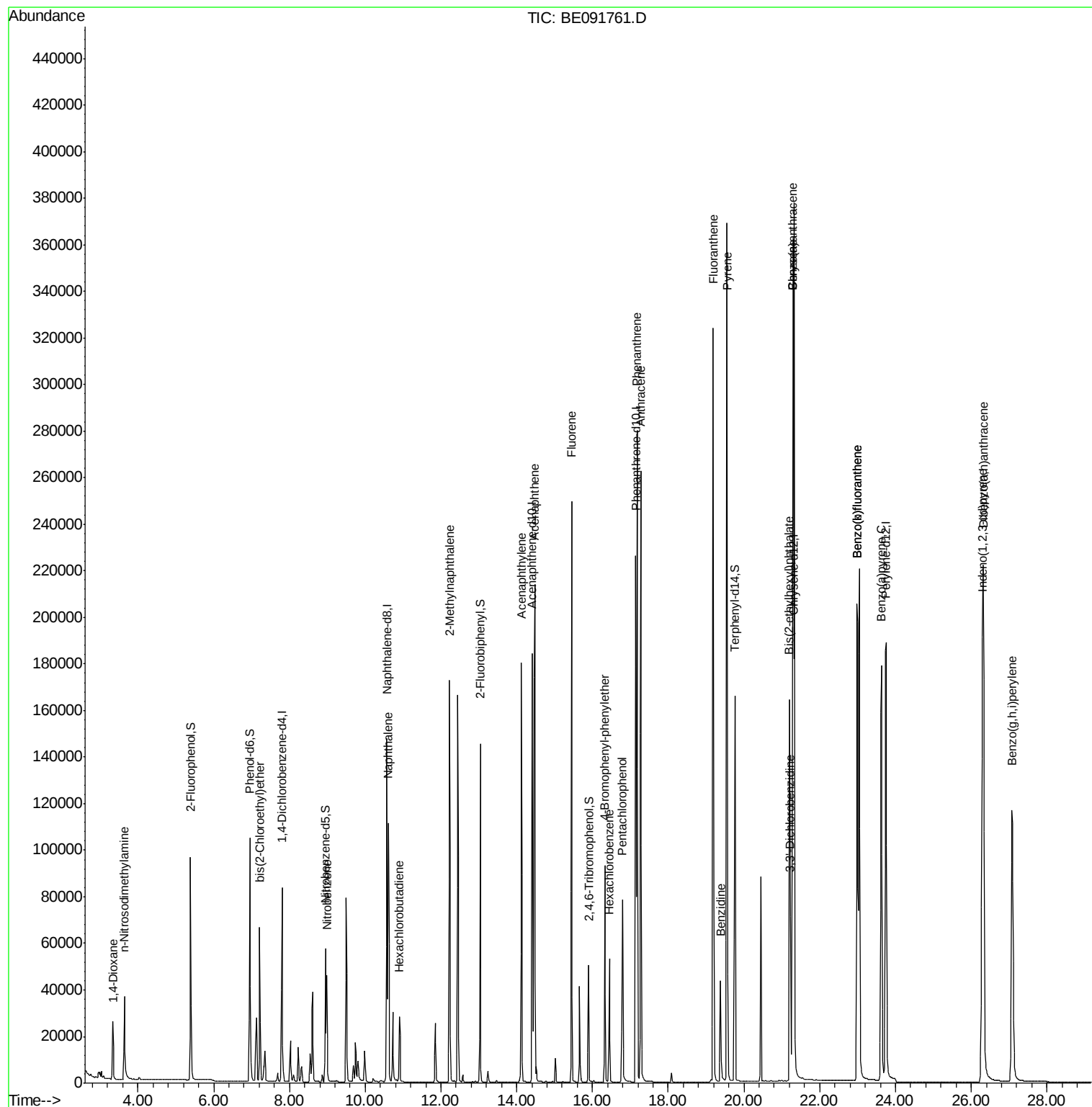
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	17872	3.45	ng	92
3) n-Nitrosodimethylamine	3.64	42	28016	3.50	ng	# 98
6) bis(2-Chloroethyl)ether	7.21	93	48805	3.86	ng	# 77
9) Nitrobenzene	8.99	77	57657	4.05	ng	93
10) Naphthalene	10.61	128	170314	4.00	ng	98
11) Hexachlorobutadiene	10.90	225	27415	4.36	ng	98
12) 2-Methylnaphthalene	12.23	142	122536	4.48	ng	98
16) Acenaphthylene	14.12	152	219870	4.53	ng	# 86
17) Acenaphthene	14.47	154	137770	4.38	ng	96
18) Fluorene	15.45	166	167966	4.30	ng	97
20) 4-Bromophenyl-phenylether	16.33	248	48039	3.95	ng	93
21) Hexachlorobenzene	16.45	284	48611	4.00	ng	99
22) Pentachlorophenol	16.79	266	52945	8.06	ng	89
23) Phenanthrene	17.18	178	293742	3.83	ng	99
24) Anthracene	17.28	178	286417	4.14	ng	99
25) Fluoranthene	19.19	202	329300	4.10	ng	# 96
27) Benzidine	19.38	184	64613	2.78	ng	# 76
28) Pyrene	19.55	202	363498	5.34	ng	99
30) Benzo(a)anthracene	21.29	228	324245	4.41	ng	# 90
31) 3,3'-Dichlorobenzidine	21.22	252	60369	1.61	ng	# 85
32) Chrysene	21.29	228	324222	4.24	ng	# 87
33) Bis(2-ethylhexyl)phthalate	21.20	149	195793	8.78	ng	# 86
34) Indeno(1,2,3-cd)pyrene	26.29	276	339105	4.98	ng	95
36) Benzo(b)fluoranthene	22.99	252	345777	4.91	ng	96
37) Benzo(k)fluoranthene	22.99	252	345777	4.83	ng	96
38) Benzo(a)pyrene	23.63	252	300776	4.54	ng	# 96
39) Dibenzo(a,h)anthracene	26.32	278	285305	4.54	ng	95
40) Benzo(g,h,i)perylene	27.08	276	287879	4.51	ng	95

(#) = 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: BE091761.D

Acq: 10 May 2016 18:02

Instrument :

BNA_E

ClientSampleId :

PB90409BS

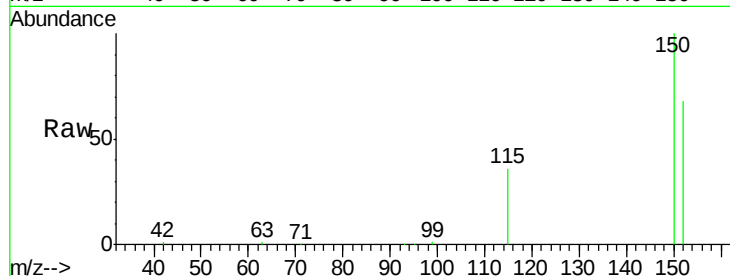
Tgt Ion:152 Resp: 44132

Ion Ratio Lower Upper

152 100

150 147.7 122.6 183.8

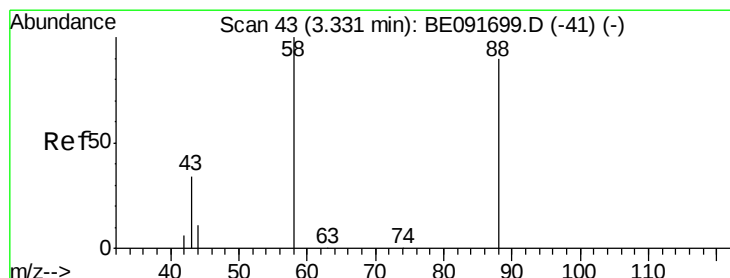
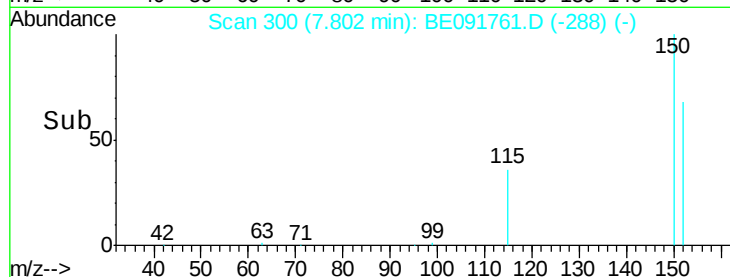
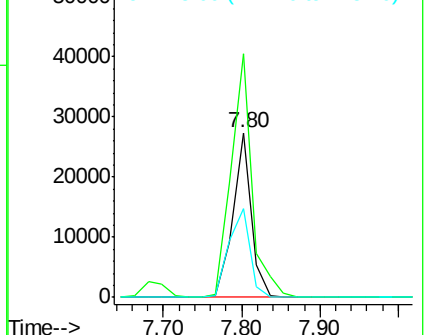
115 53.7 52.8 79.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.45 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.02 min

Lab File: BE091761.D

Acq: 10 May 2016 18:02

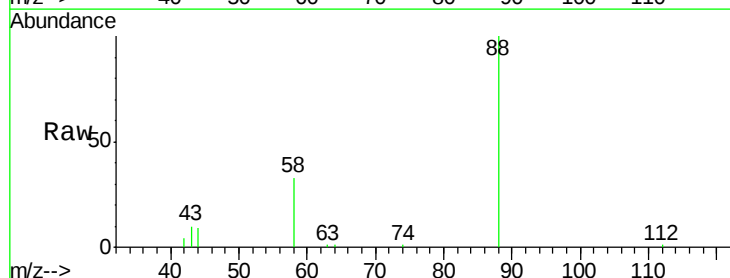
Tgt Ion: 88 Resp: 17872

Ion Ratio Lower Upper

88 100

58 88.9 65.8 98.6

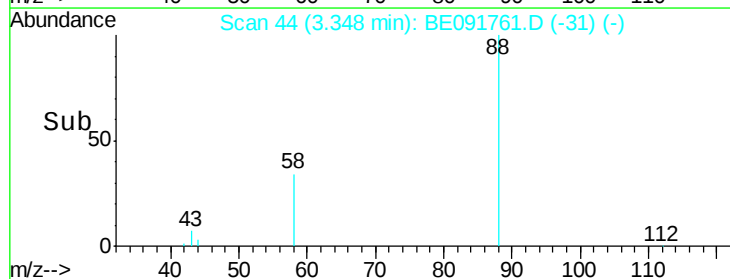
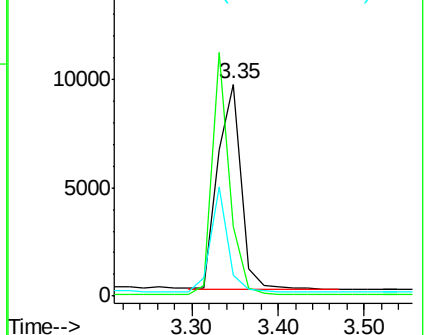
43 37.2 25.3 37.9

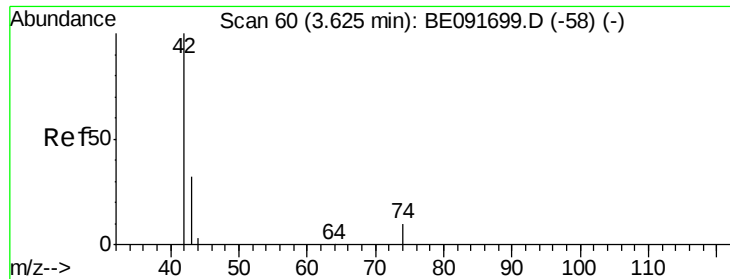


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.50 ng

RT: 3.64 min Scan# 61

Delta R.T. 0.02 min

Lab File: BE091761.D

Acq: 10 May 2016 18:02

Instrument :

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ClientSampleId :

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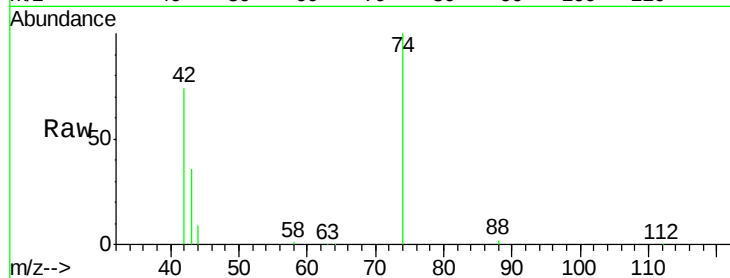
Tgt Ion: 42 Resp: 28016

Ion Ratio Lower Upper

42 100

74 108.0 87.9 131.9

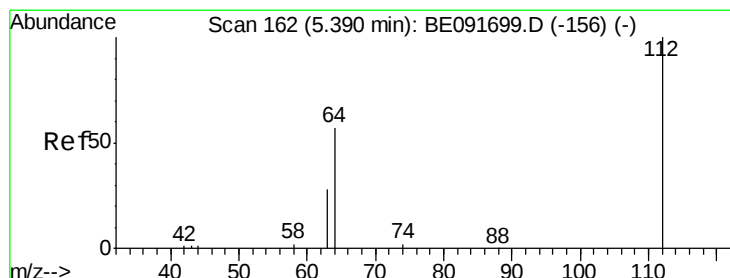
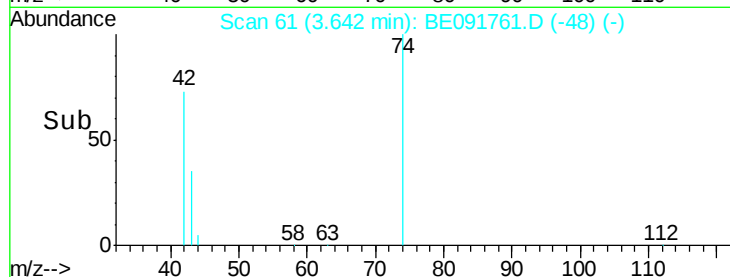
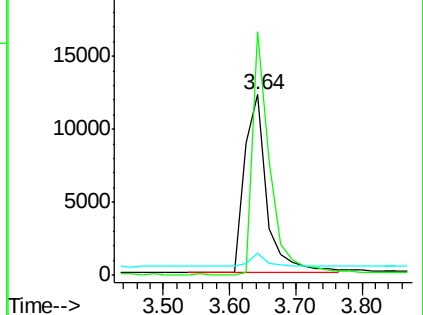
44 5.8 6.6 9.8#



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: 7.01 ng

RT: 5.39 min Scan# 162

Delta R.T. -0.00 min

Lab File: BE091761.D

Acq: 10 May 2016 18:02

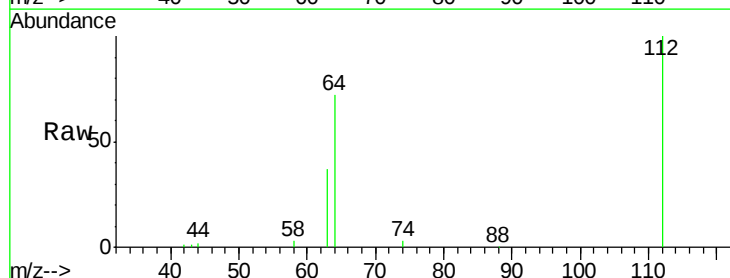
Tgt Ion: 112 Resp: 76003

Ion Ratio Lower Upper

112 100

64 65.9 30.9 46.3#

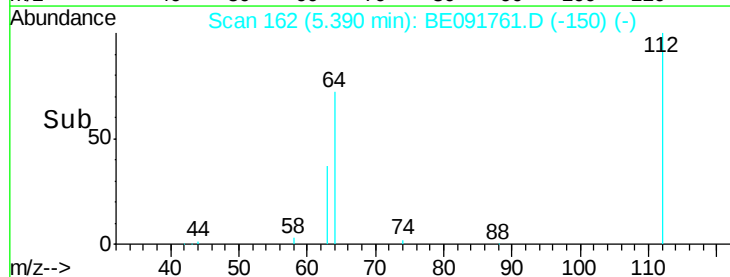
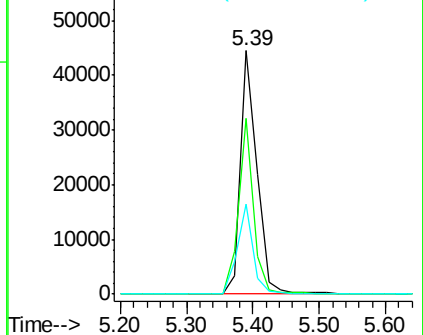
63 35.5 16.7 25.1#

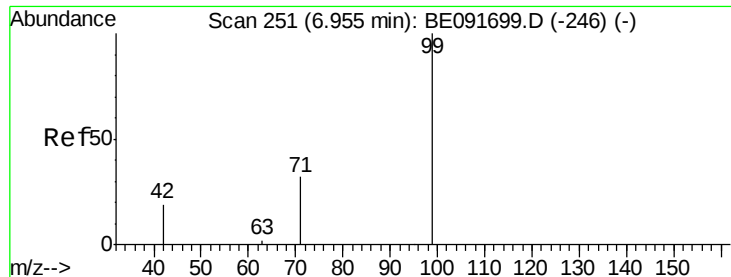


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.72 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091761.D

Acq: 10 May 2016 18:02

Instrument :

BNA_E

ClientSampleId :

PB90409BS

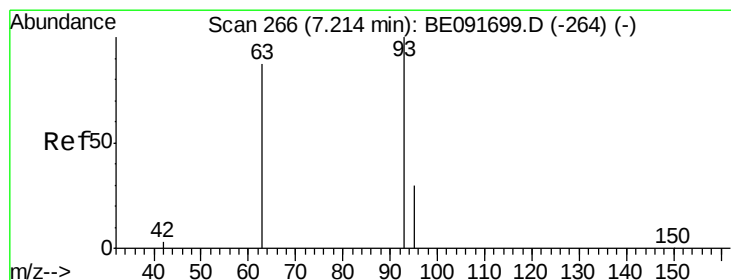
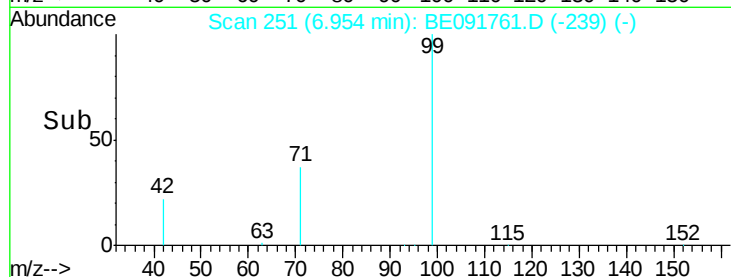
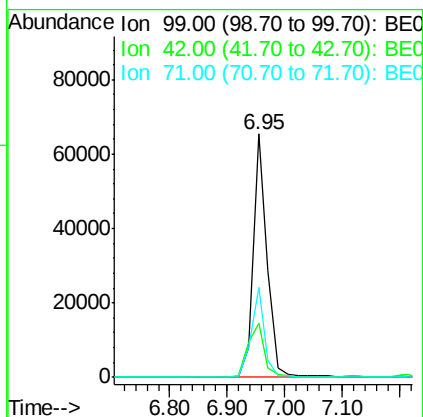
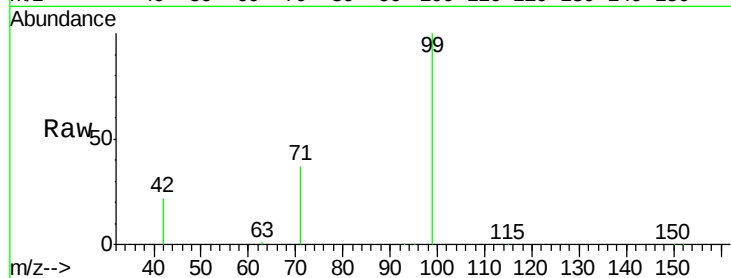
Tgt Ion: 99 Resp: 110988

Ion Ratio Lower Upper

99 100

42 25.3 16.2 24.2#

71 35.7 29.0 43.4



#6

bis(2-Chloroethyl)ether

Concen: 3.86 ng

RT: 7.21 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE091761.D

Acq: 10 May 2016 18:02

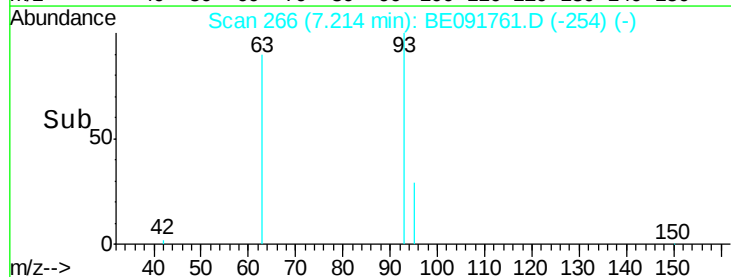
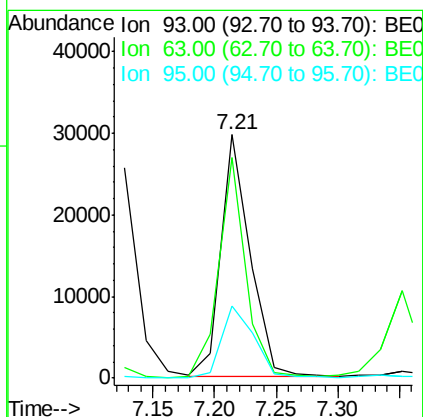
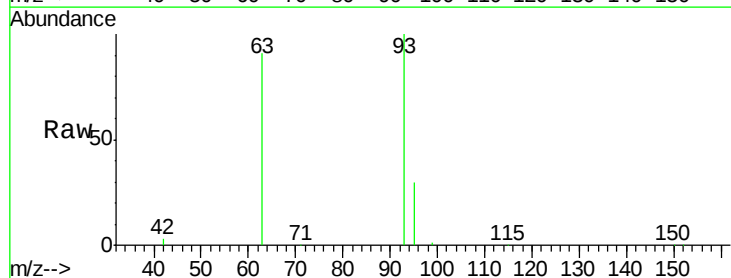
Tgt Ion: 93 Resp: 48805

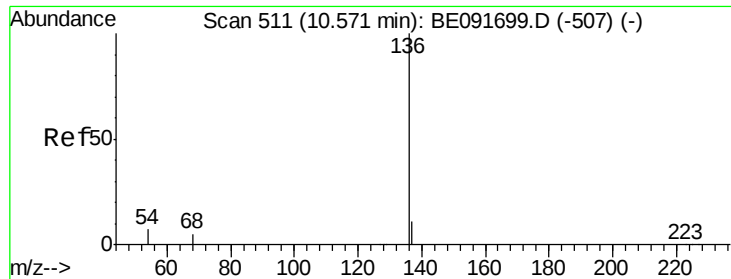
Ion Ratio Lower Upper

93 100

63 84.3 49.5 74.3#

95 32.6 22.2 33.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE091761.D

Acq: 10 May 2016 18:02

Instrument :

BNA_E

ClientSampleId :

PB90409BS

Tgt Ion: 136 Resp: 210812

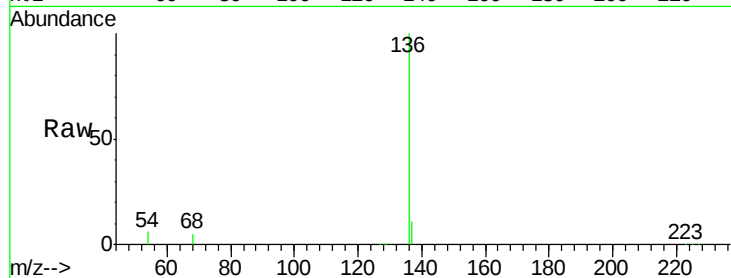
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 5.9 8.2 12.4#

68 4.7 6.2 9.4#

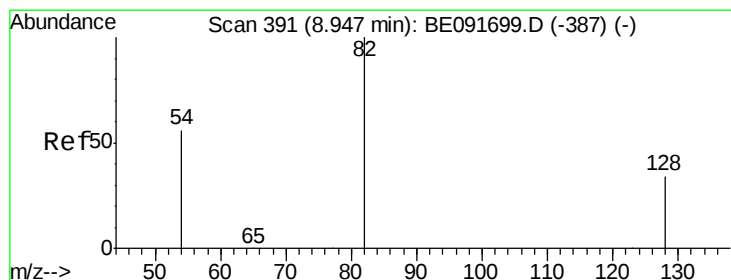
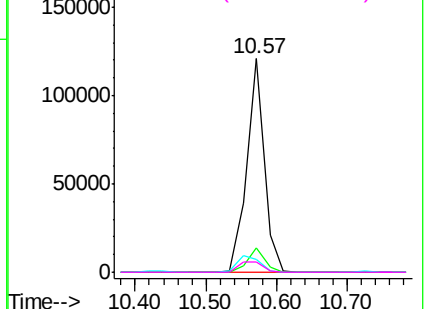
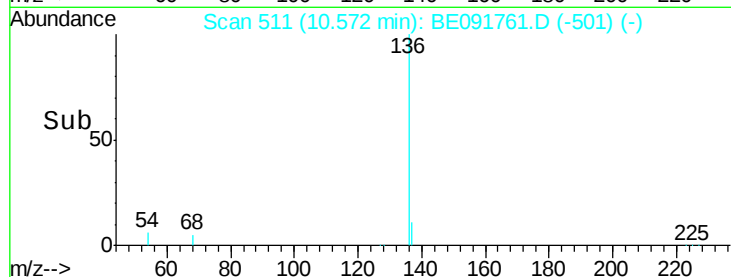


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.82 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091761.D

Acq: 10 May 2016 18:02

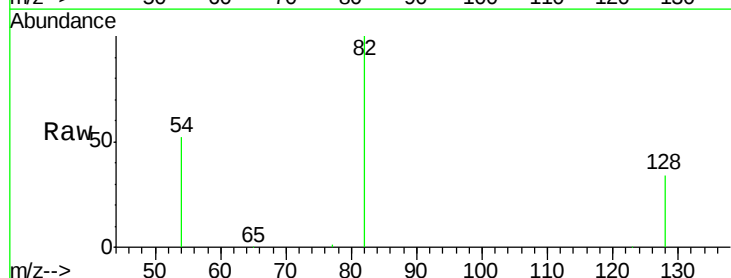
Tgt Ion: 82 Resp: 51981

Ion Ratio Lower Upper

82 100

128 34.2 25.4 38.0

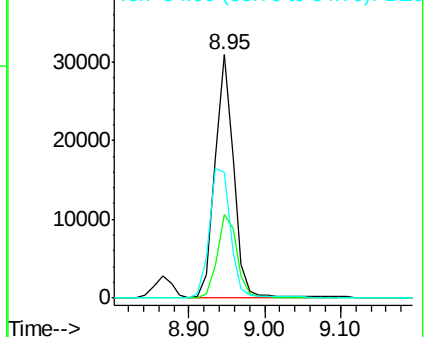
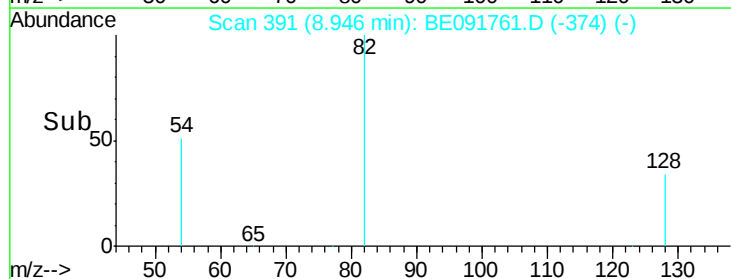
54 51.6 48.4 72.6

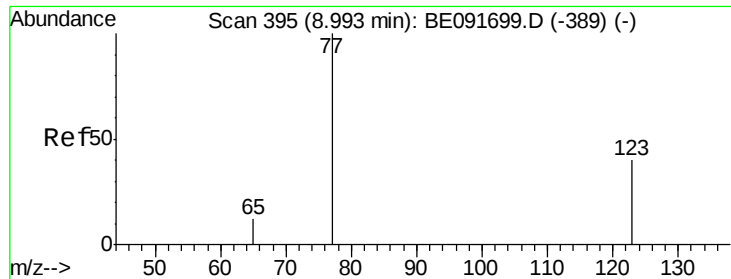


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

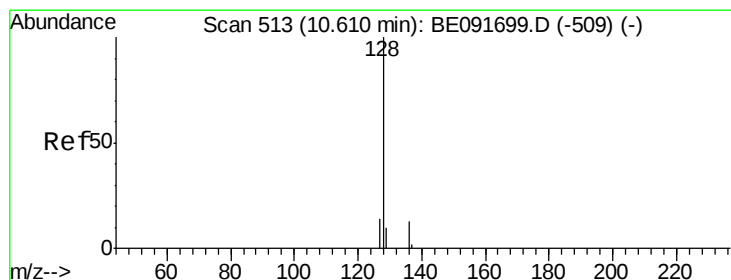
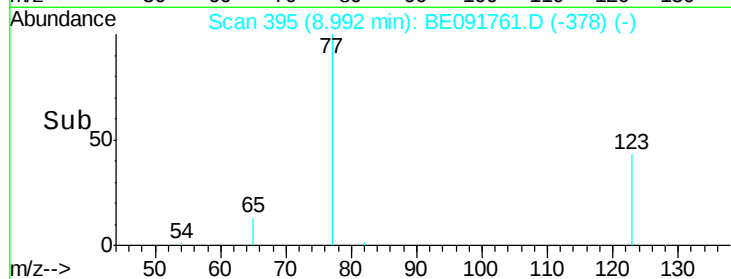
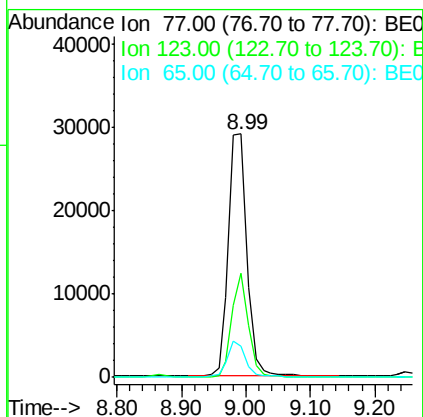
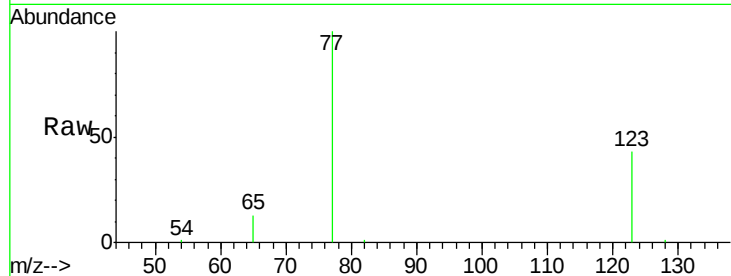




#9
Nitrobenzene
Concen: 4.05 ng
RT: 8.99 min Scan# 395
Delta R.T. -0.00 min
Lab File: BE091761.D
Acq: 10 May 2016 18:02

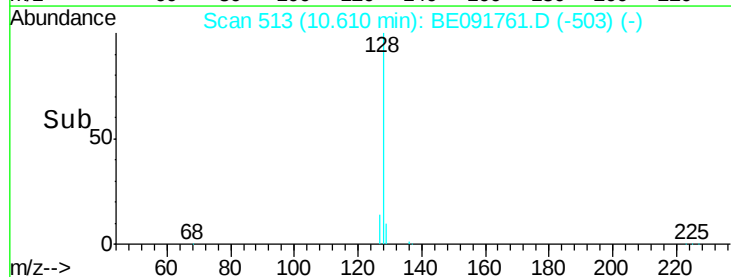
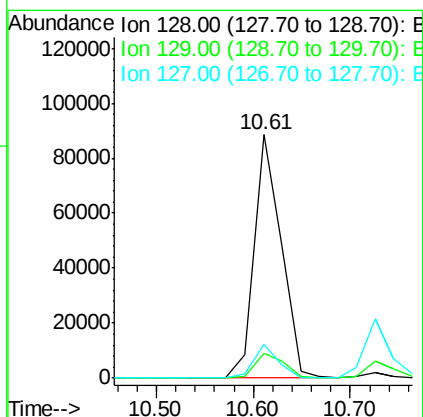
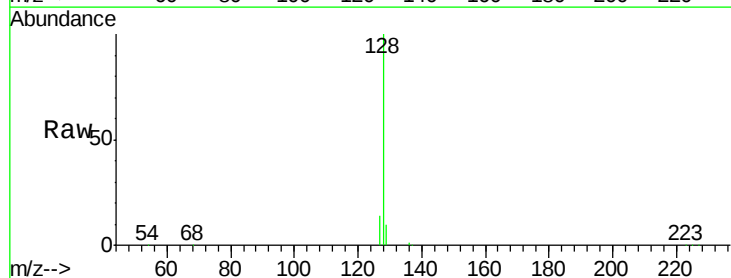
Instrument :
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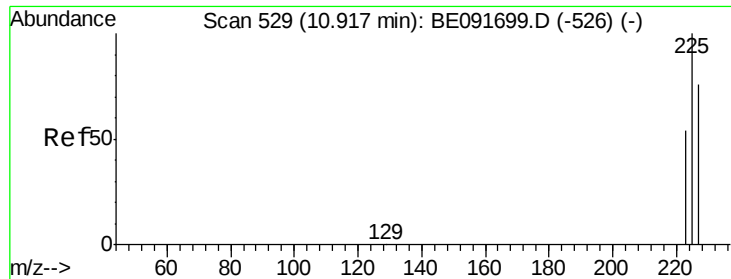
Tgt Ion: 77 Resp: 57657
Ion Ratio Lower Upper
77 100
123 38.0 26.9 40.3
65 13.9 9.4 14.2



#10
Naphthalene
Concen: 4.00 ng
RT: 10.61 min Scan# 513
Delta R.T. 0.00 min
Lab File: BE091761.D
Acq: 10 May 2016 18:02

Tgt Ion: 128 Resp: 170314
Ion Ratio Lower Upper
128 100
129 10.4 9.3 13.9
127 14.0 10.7 16.1

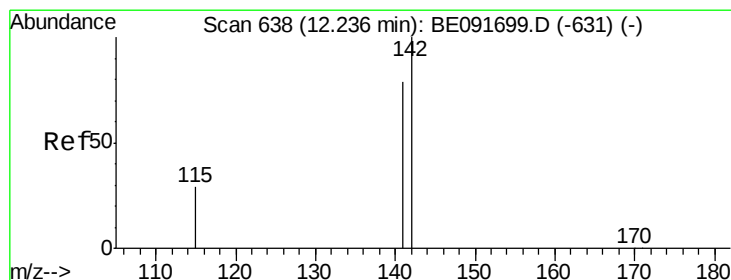
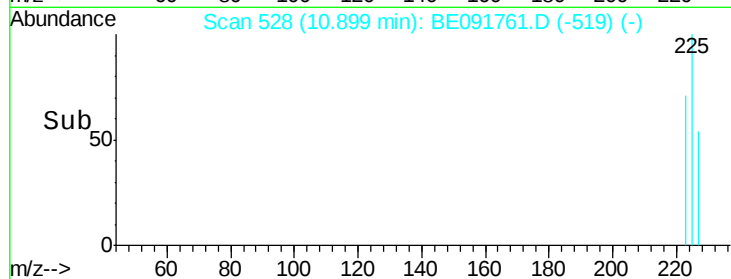
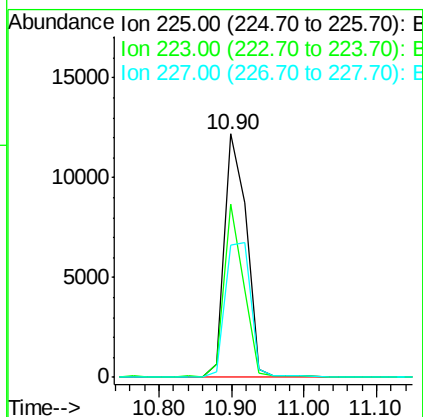
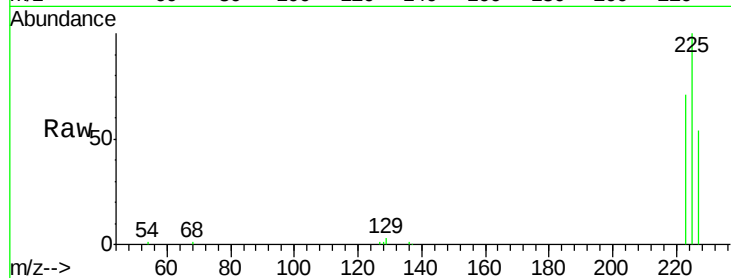




#11
Hexachlorobutadiene
Concen: 4.36 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091761.D
Acq: 10 May 2016 18:02

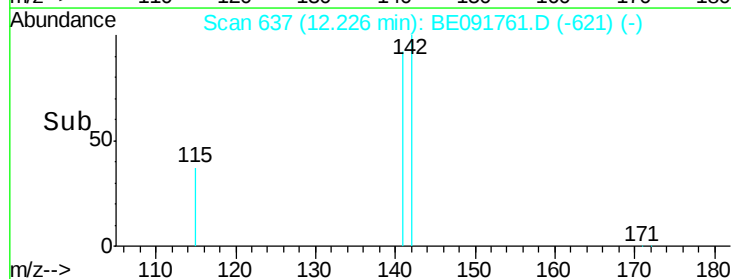
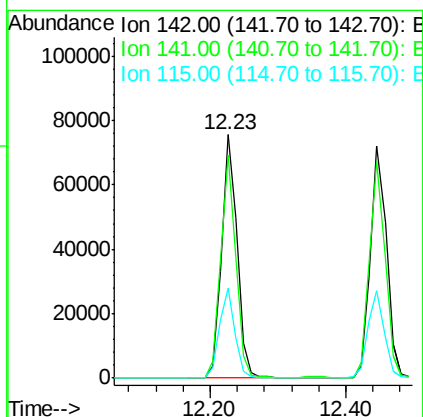
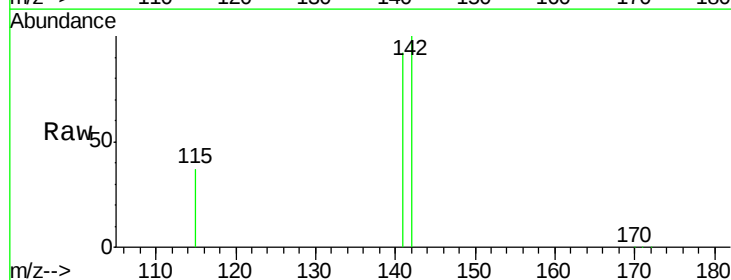
Instrument :
BNA_E
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PB90409BS

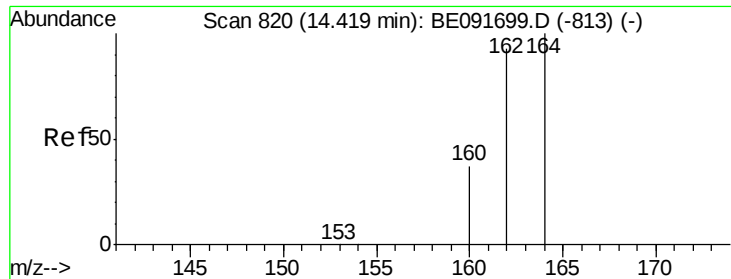
Tgt Ion: 225 Resp: 27415
Ion Ratio Lower Upper
225 100
223 63.6 49.0 73.6
227 64.3 50.3 75.5



#12
2-Methylnaphthalene
Concen: 4.48 ng
RT: 12.23 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091761.D
Acq: 10 May 2016 18:02

Tgt Ion: 142 Resp: 122536
Ion Ratio Lower Upper
142 100
141 91.7 71.4 107.0
115 37.0 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091761.D

Acq: 10 May 2016 18:02

Instrument :

BNA_E

ClientSampled :

PB90409BS

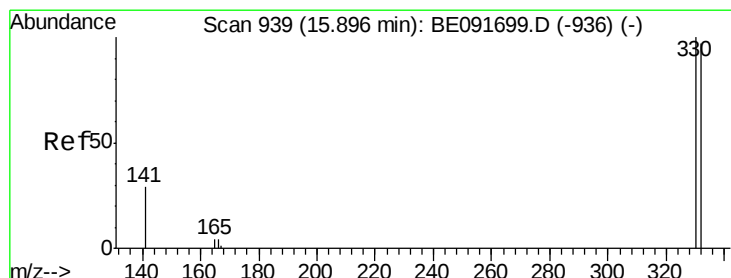
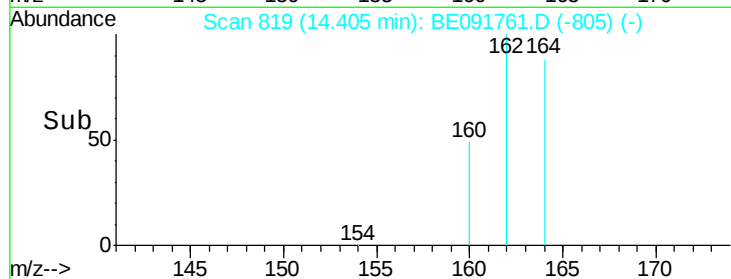
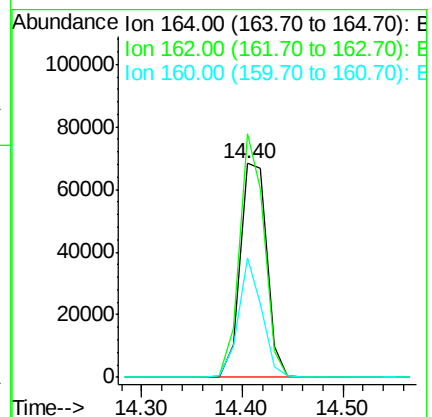
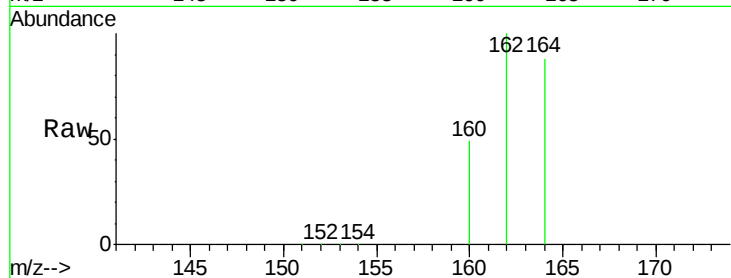
Tgt Ion:164 Resp: 126100

Ion Ratio Lower Upper

164 100

162 114.0 85.3 127.9

160 55.7 46.2 69.2



#14

2,4,6-Tribromophenol

Concen: 7.70 ng

RT: 15.90 min Scan# 939

Delta R.T. 0.00 min

Lab File: BE091761.D

Acq: 10 May 2016 18:02

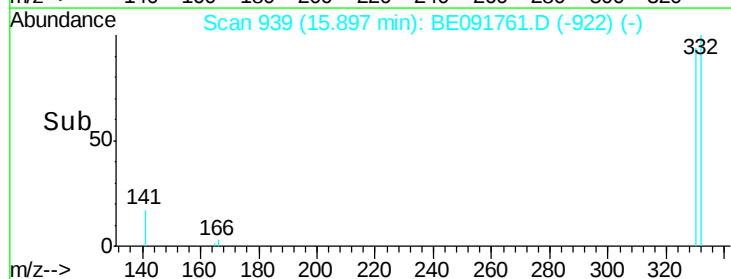
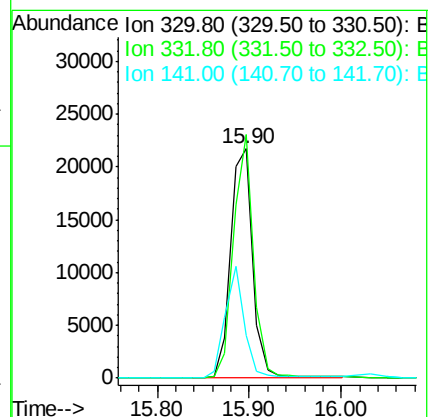
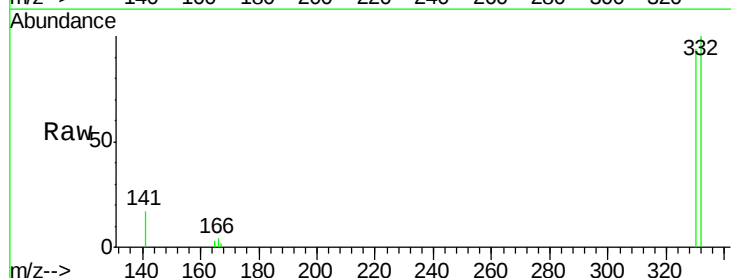
Tgt Ion:330 Resp: 36104

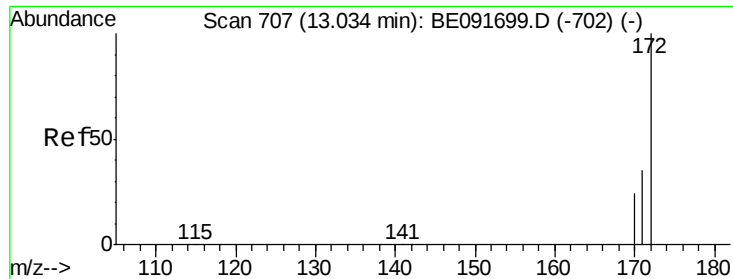
Ion Ratio Lower Upper

330 100

332 96.6 79.1 118.7

141 41.7 125.4 188.0#

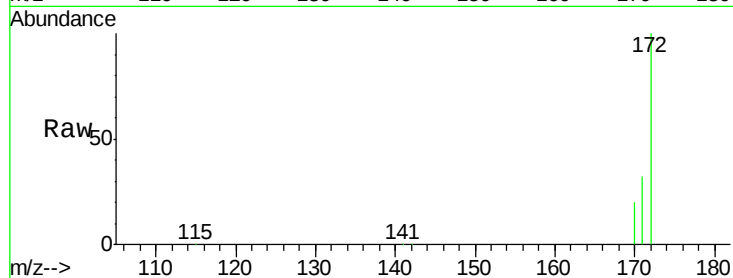




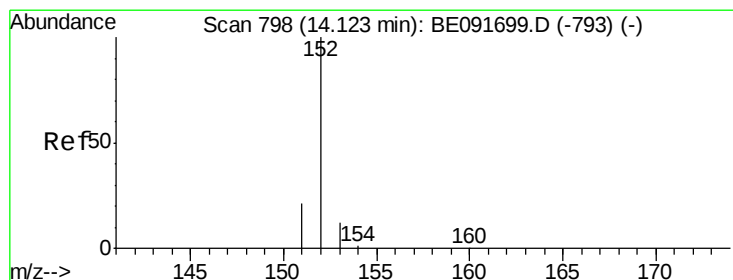
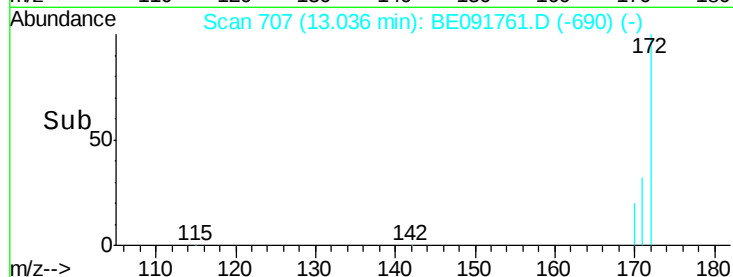
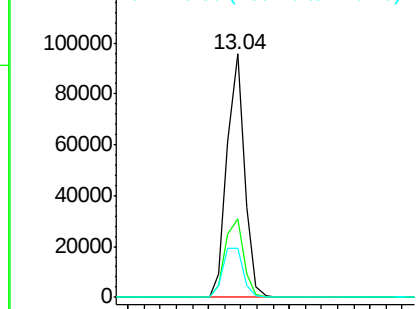
#15
2-Fluorobiphenyl
Concen: 4.01 ng
RT: 13.04 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091761.D
Acq: 10 May 2016 18:02

Instrument :
BNA_E
ClientSampleId :
PB90409BS

Tgt Ion:172 Resp: 143144
Ion Ratio Lower Upper
172 100
171 32.0 28.8 43.2
170 19.9 19.3 28.9

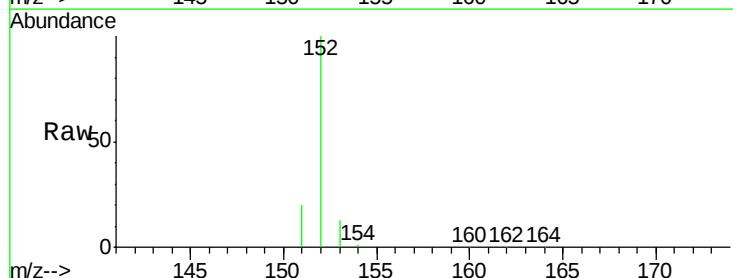


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

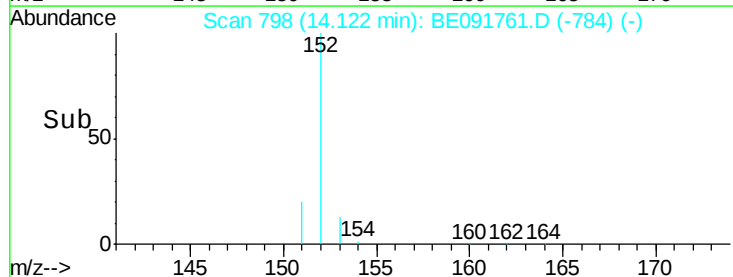
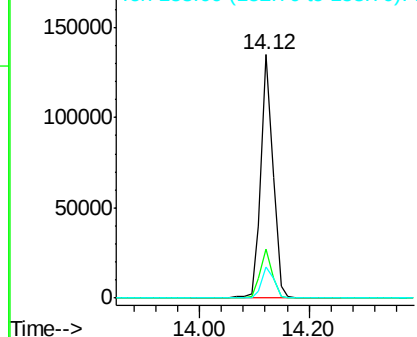


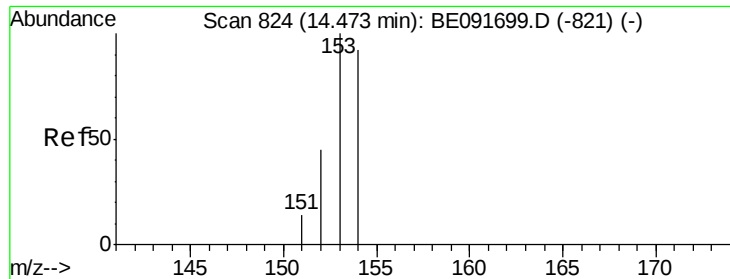
#16
Acenaphthylene
Concen: 4.53 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091761.D
Acq: 10 May 2016 18:02

Tgt Ion:152 Resp: 219870
Ion Ratio Lower Upper
152 100
151 20.0 3.9 5.9#
153 13.5 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

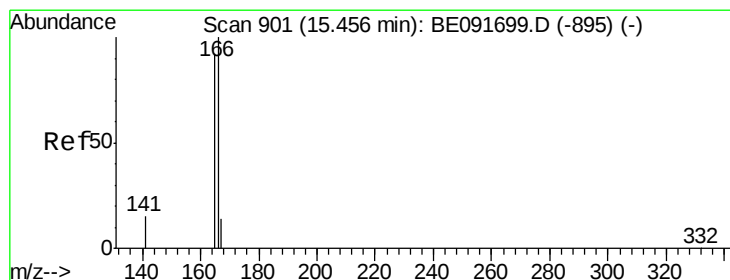
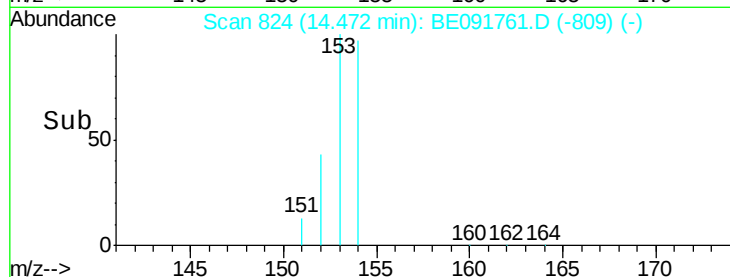
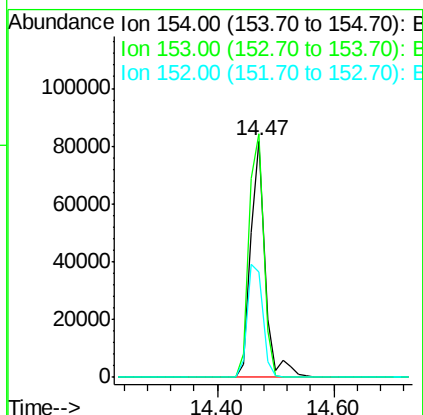
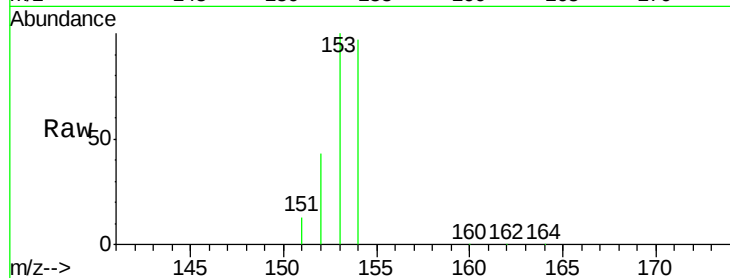




#17
Acenaphthene
Concen: 4.38 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE091761.D
Acq: 10 May 2016 18:02

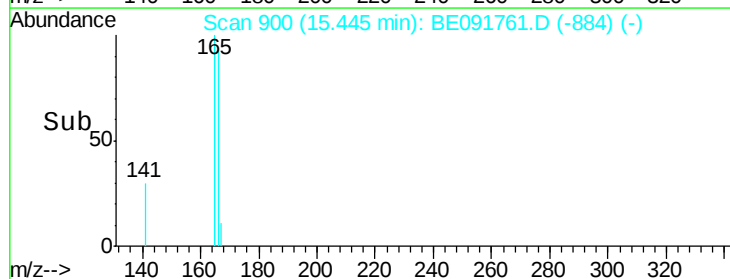
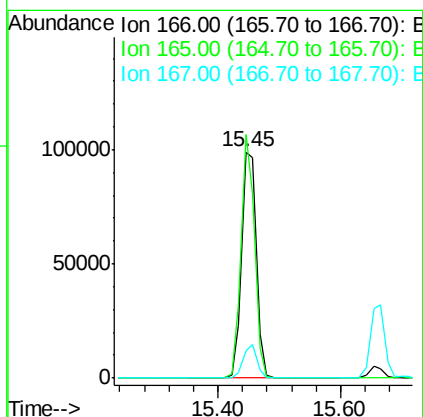
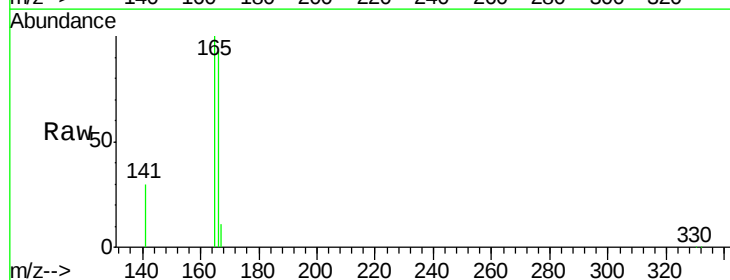
Instrument :
BNA_E
ClientSampleId :
PB90409BS

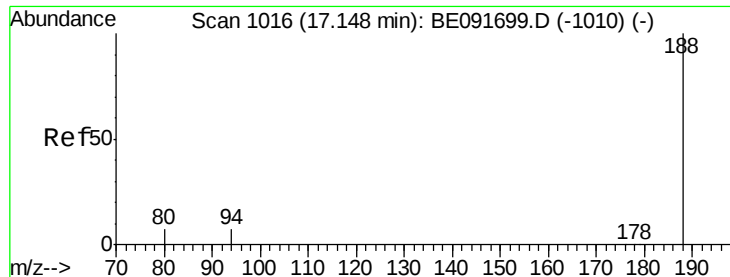
Tgt Ion:154 Resp: 137770
Ion Ratio Lower Upper
154 100
153 104.6 80.0 120.0
152 51.4 40.0 60.0



#18
Fluorene
Concen: 4.30 ng
RT: 15.45 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091761.D
Acq: 10 May 2016 18:02

Tgt Ion:166 Resp: 167966
Ion Ratio Lower Upper
166 100
165 98.0 80.8 121.2
167 13.6 10.9 16.3

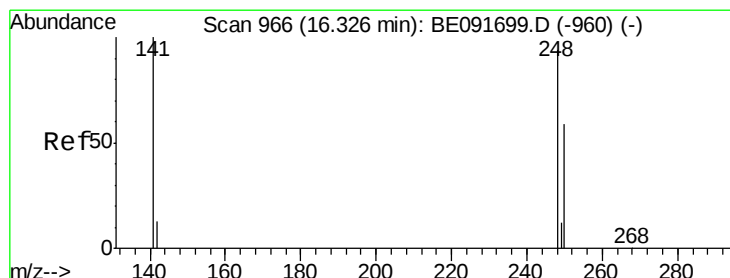
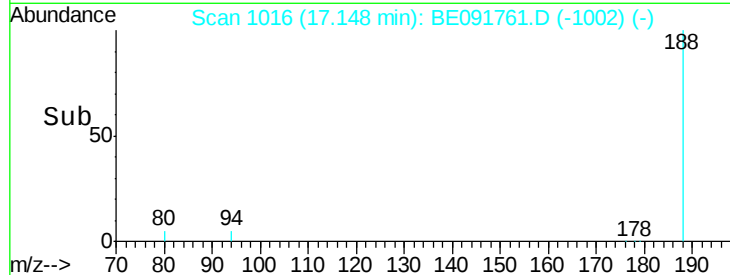
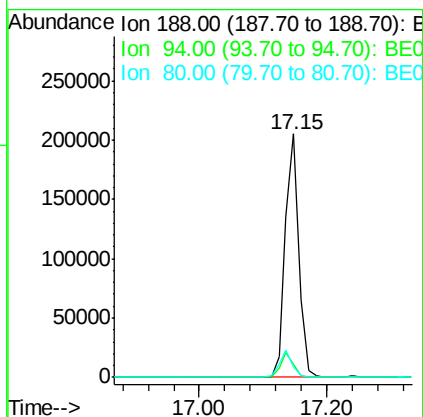
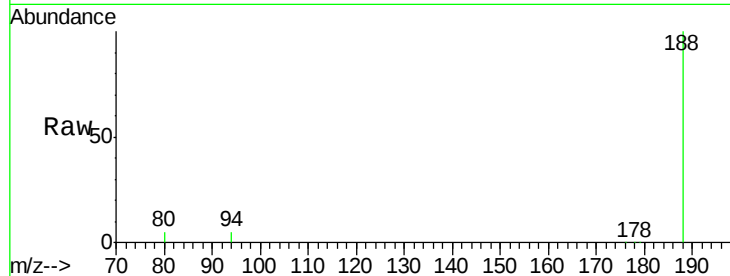




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091761.D
Acq: 10 May 2016 18:02

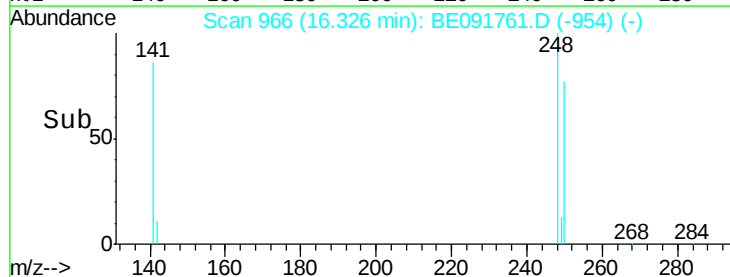
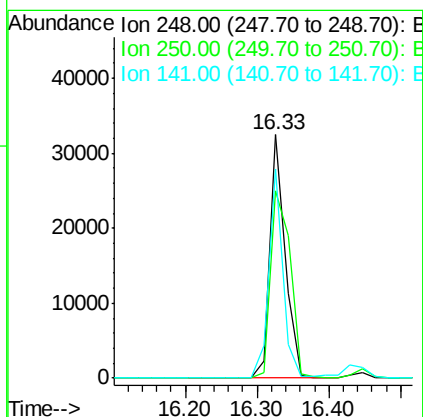
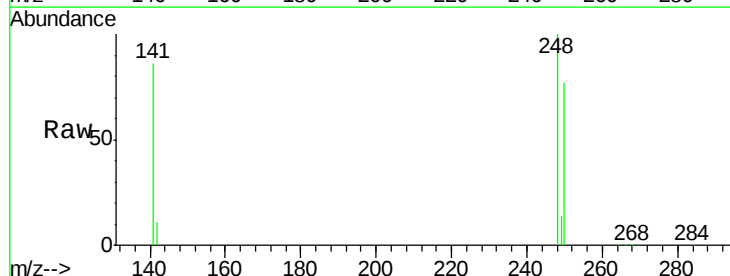
Instrument :
BNA_E
ClientSampleId :
PB90409BS

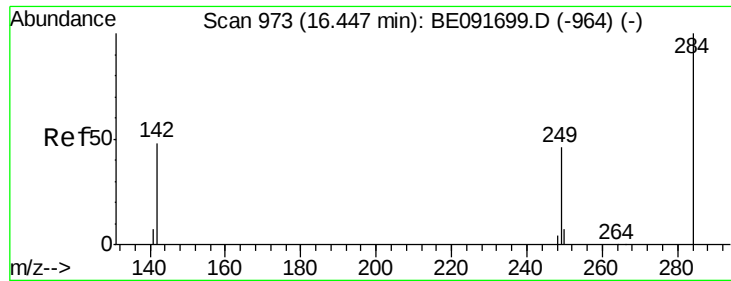
Tgt Ion:188 Resp: 337783
Ion Ratio Lower Upper
188 100
94 5.4 8.7 13.1#
80 4.6 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 3.95 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091761.D
Acq: 10 May 2016 18:02

Tgt Ion:248 Resp: 48039
Ion Ratio Lower Upper
248 100
250 97.9 80.5 120.7
141 79.4 72.0 108.0

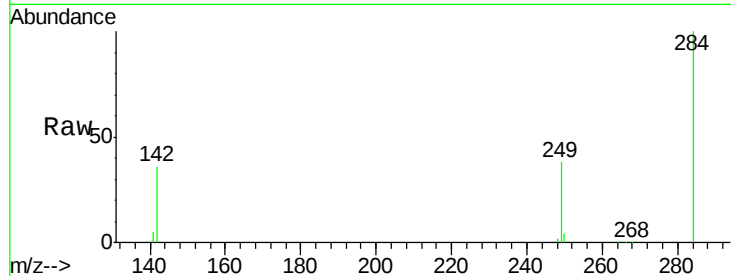




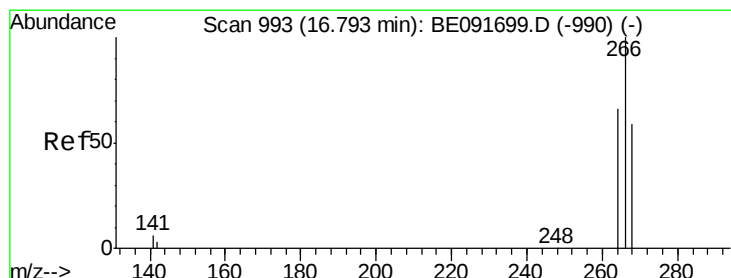
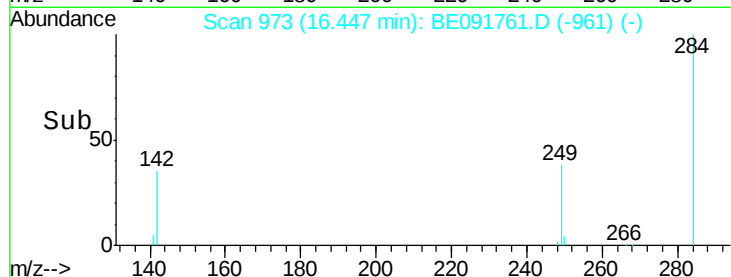
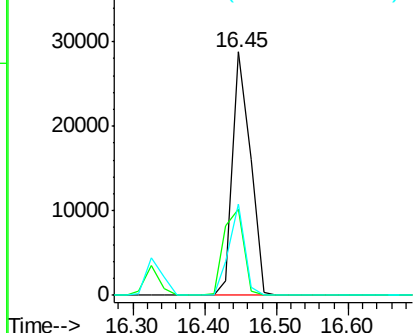
#21
Hexachlorobenzene
Concen: 4.00 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091761.D
Acq: 10 May 2016 18:02

Instrument :
BNA_E
ClientSampleId :
PB90409BS

Tgt Ion: 284 Resp: 48611
Ion Ratio Lower Upper
284 100
142 40.4 32.2 48.2
249 33.4 25.4 38.2

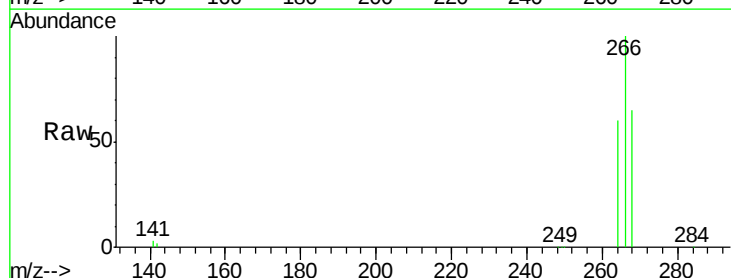


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

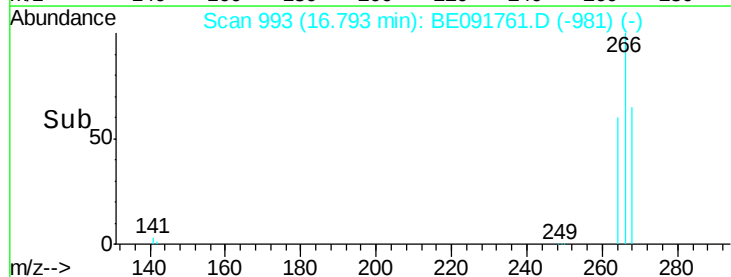
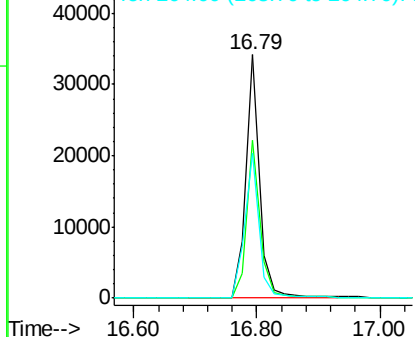


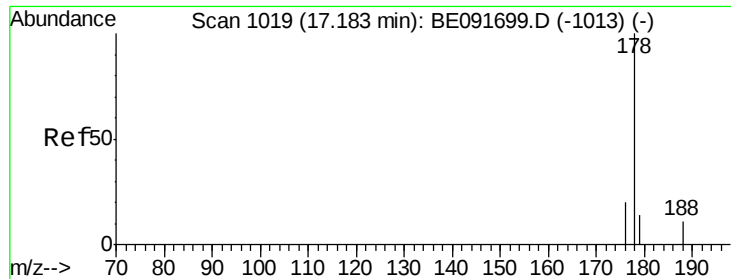
#22
Pentachlorophenol
Concen: 8.06 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091761.D
Acq: 10 May 2016 18:02

Tgt Ion: 266 Resp: 52945
Ion Ratio Lower Upper
266 100
268 64.9 58.2 87.2
264 59.8 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: 3.83 ng

RT: 17.18 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE091761.D

Acq: 10 May 2016 18:02

Instrument :

BNA_E

ClientSampleId :

PB90409BS

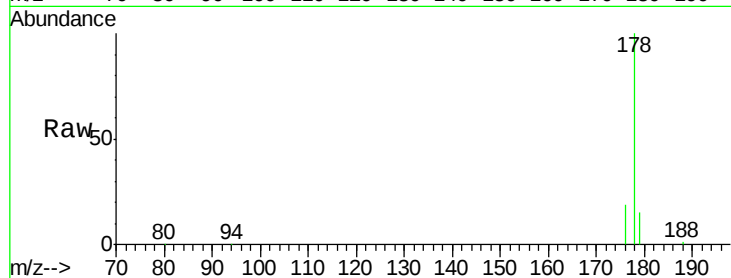
Tgt Ion:178 Resp: 293742

Ion Ratio Lower Upper

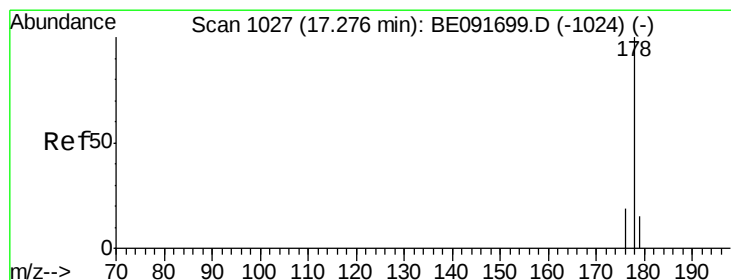
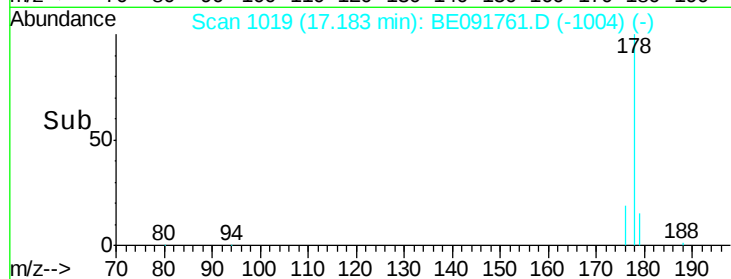
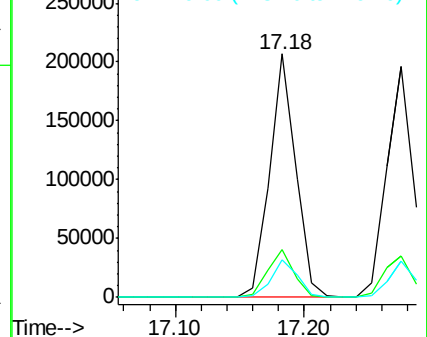
178 100

176 19.7 15.3 22.9

179 15.5 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: 4.14 ng

RT: 17.28 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE091761.D

Acq: 10 May 2016 18:02

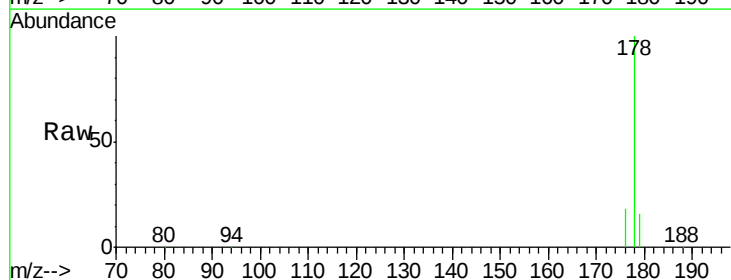
Tgt Ion:178 Resp: 286417

Ion Ratio Lower Upper

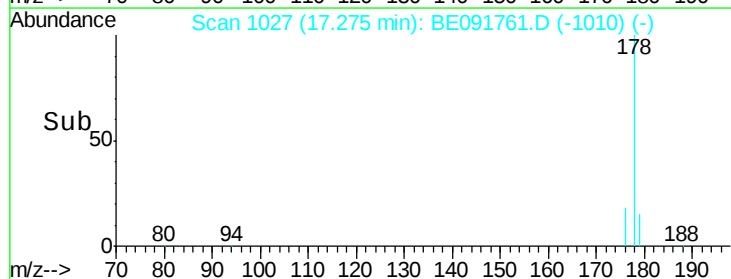
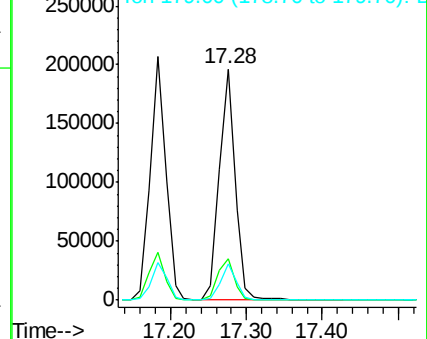
178 100

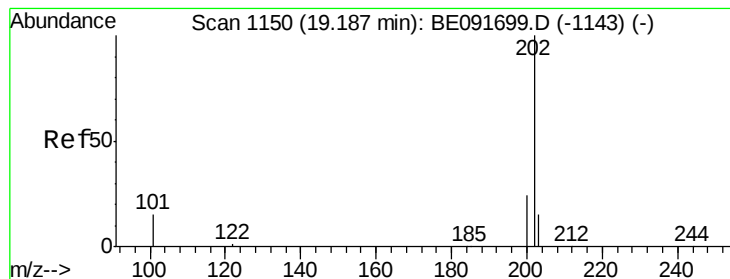
176 18.7 14.6 21.8

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: 4.10 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091761.D

Acq: 10 May 2016 18:02

Instrument :

BNA_E

ClientSampleId :

PB90409BS

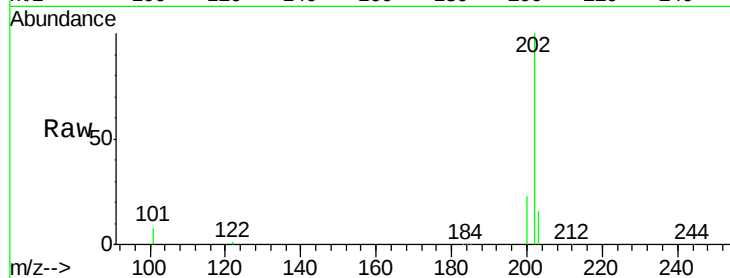
Tgt Ion:202 Resp: 329300

Ion Ratio Lower Upper

202 100

101 10.7 11.0 16.6#

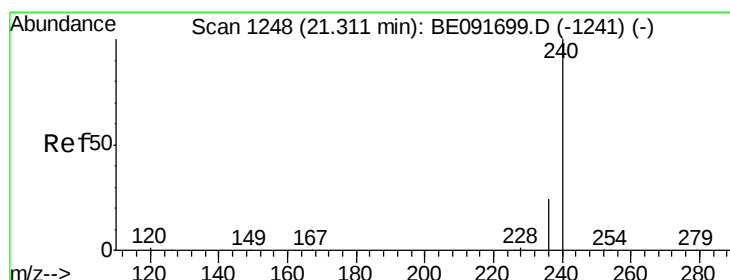
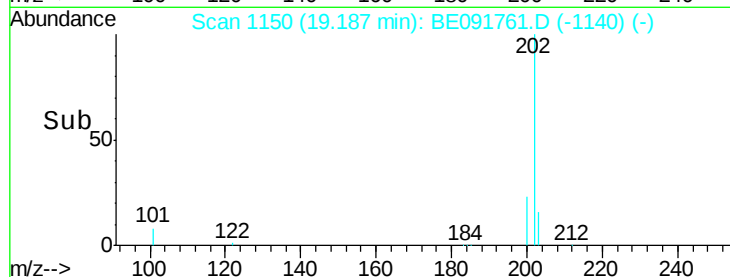
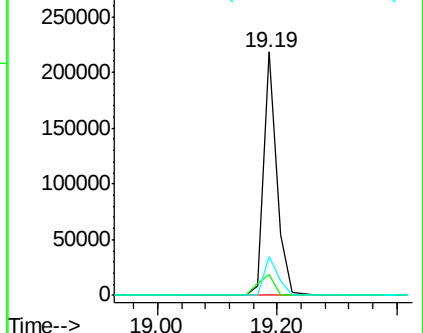
203 17.6 13.9 20.9



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: BE091761.D

Acq: 10 May 2016 18:02

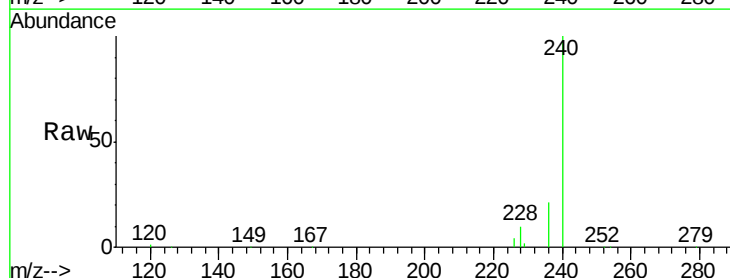
Tgt Ion:240 Resp: 301314

Ion Ratio Lower Upper

240 100

120 0.8 11.0 16.4#

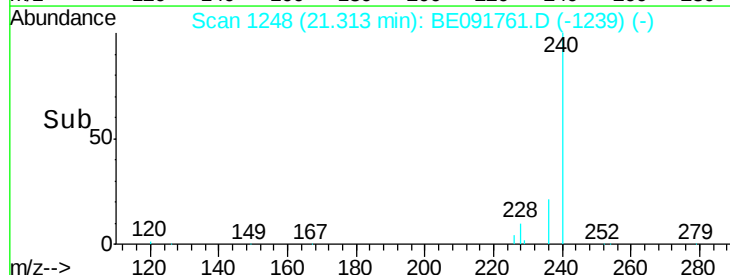
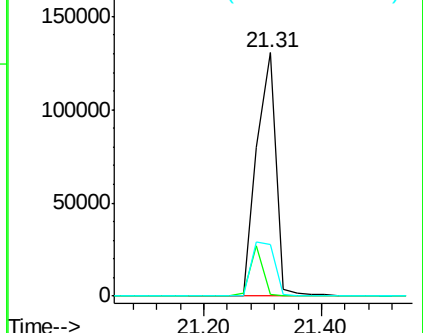
236 21.0 21.7 32.5#

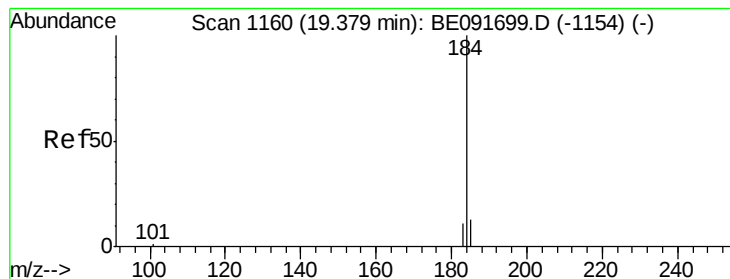


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 2.78 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091761.D

Acq: 10 May 2016 18:02

Instrument :

BNA_E

ClientSampleId :

PB90409BS

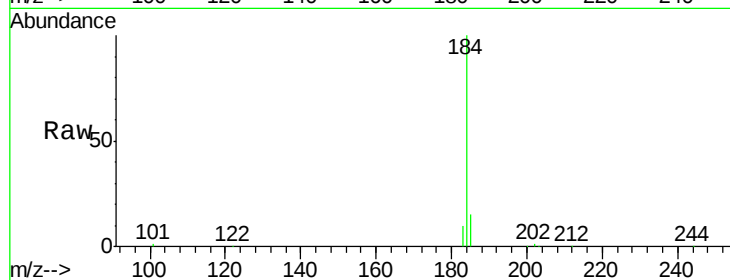
Tgt Ion:184 Resp: 64613

Ion Ratio Lower Upper

184 100

185 14.9 22.3 33.5#

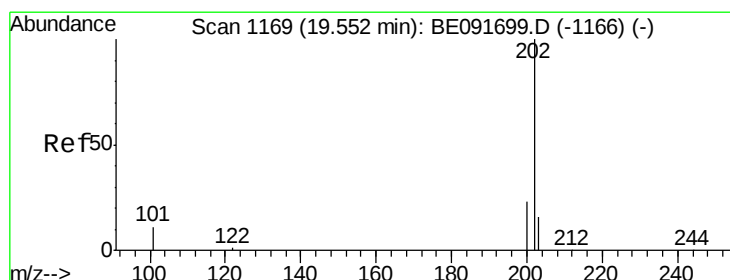
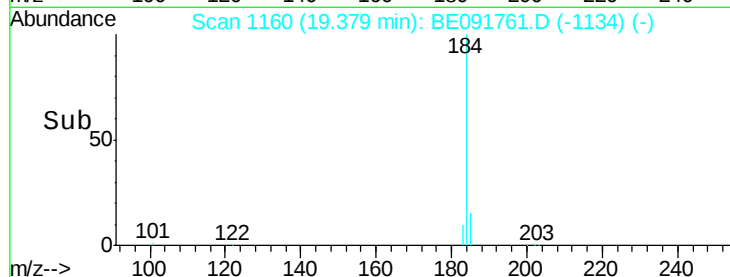
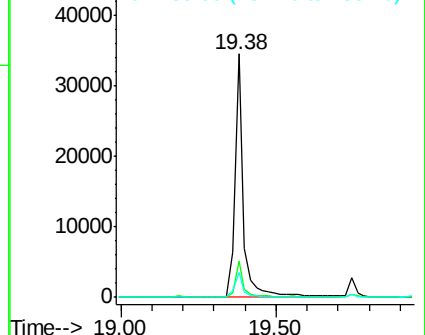
183 10.0 16.4 24.6#



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: 5.34 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091761.D

Acq: 10 May 2016 18:02

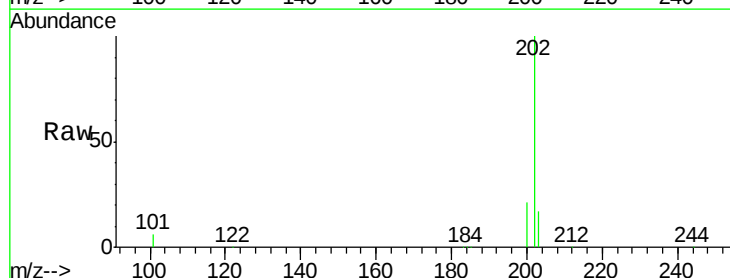
Tgt Ion:202 Resp: 363498

Ion Ratio Lower Upper

202 100

200 21.6 16.8 25.2

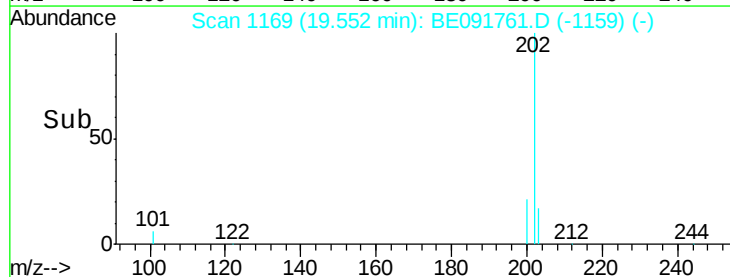
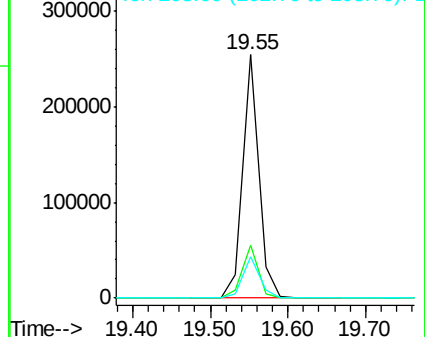
203 17.7 14.0 21.0

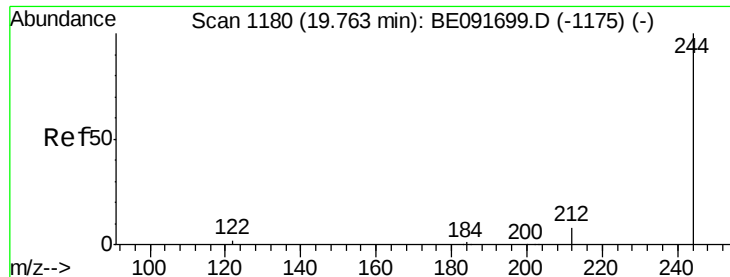


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.67 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091761.D

Acq: 10 May 2016 18:02

Instrument :

BNA_E

ClientSampleId :

PB90409BS

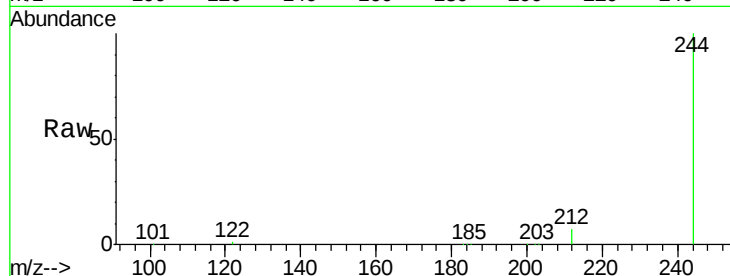
Tgt Ion:244 Resp: 219593

Ion Ratio Lower Upper

244 100

212 6.9 6.9 10.3#

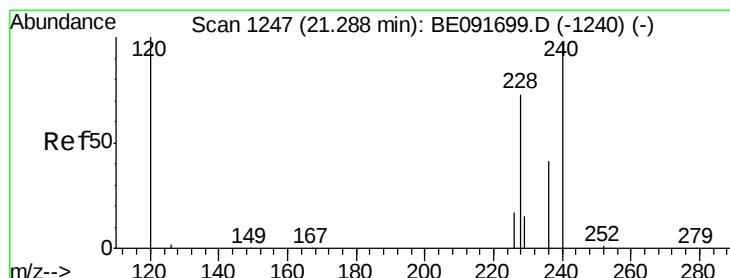
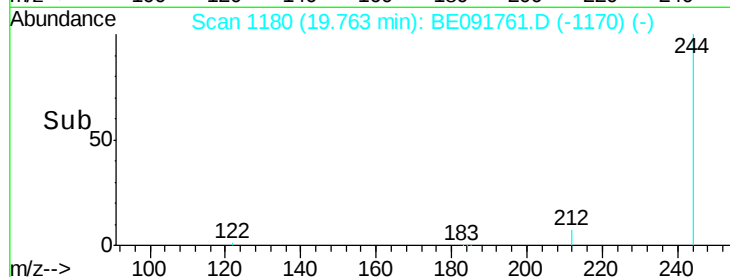
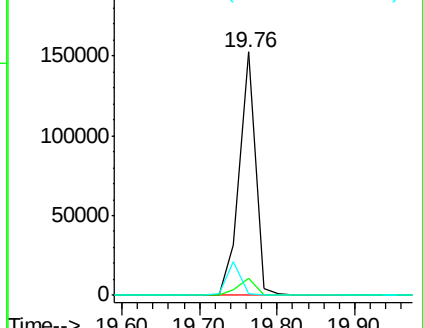
122 0.9 11.0 16.4#



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: 4.41 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091761.D

Acq: 10 May 2016 18:02

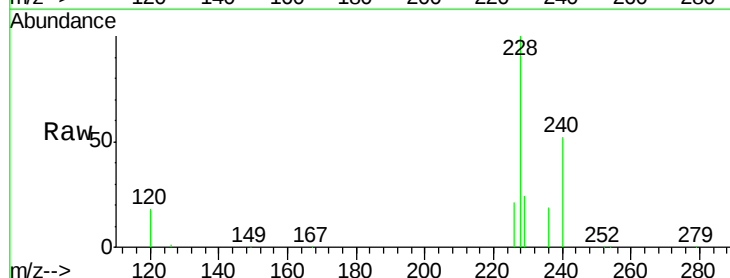
Tgt Ion:228 Resp: 324245

Ion Ratio Lower Upper

228 100

226 21.3 21.0 31.4

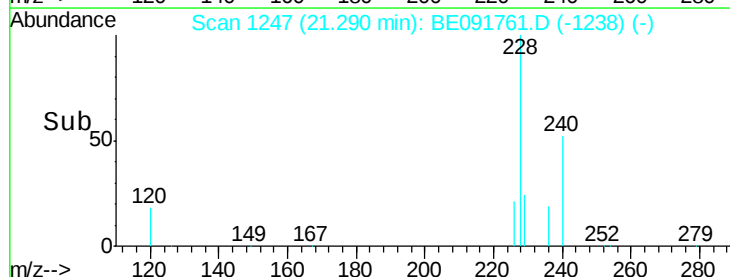
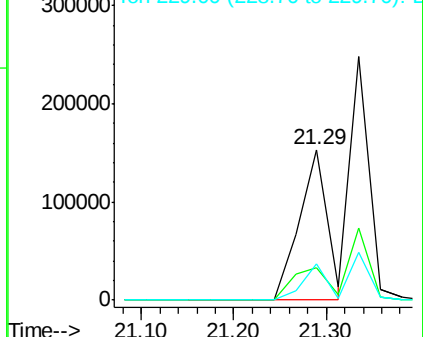
229 24.0 15.7 23.5#

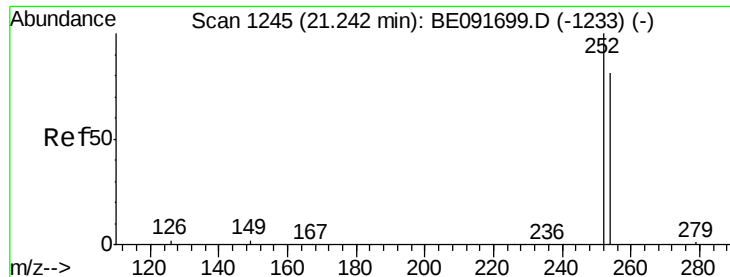


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

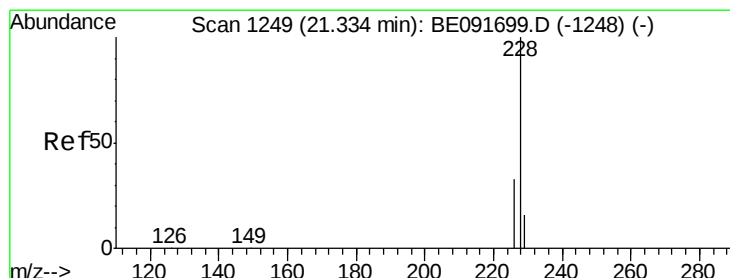
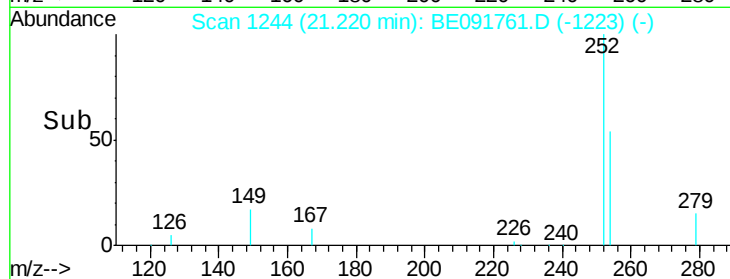
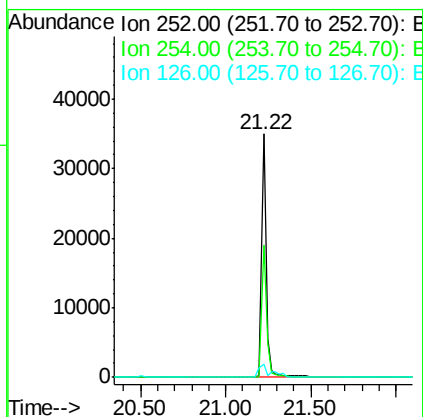
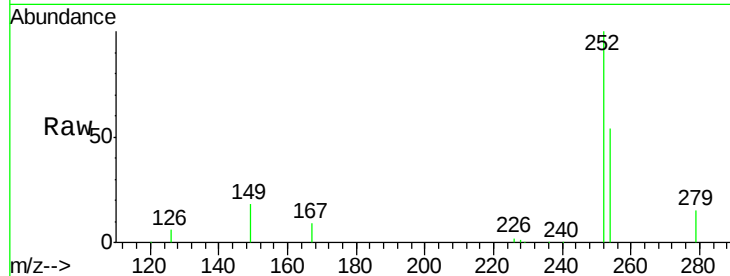




#31
 3,3'-Dichlorobenzidine
 Concen: 1.61 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091761.D
 Acq: 10 May 2016 18:02

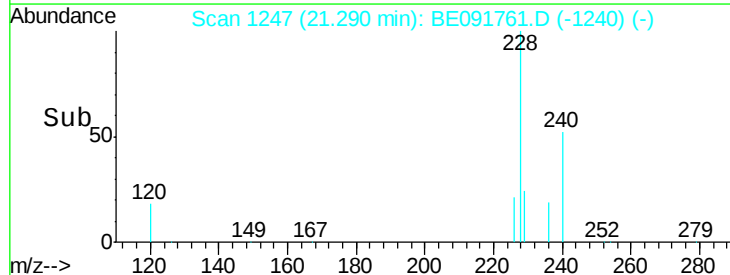
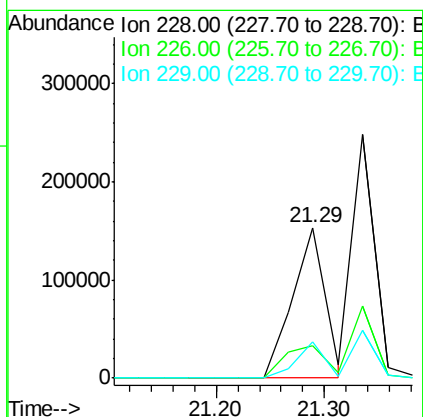
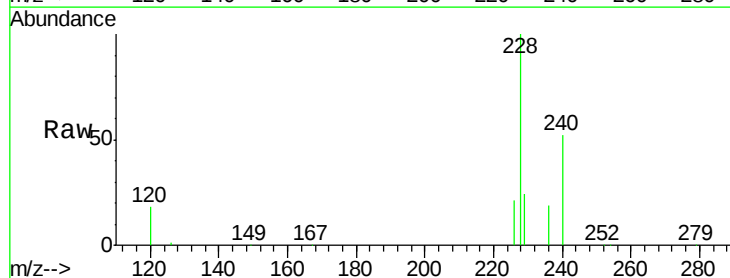
Instrument :
 BNA_E
 ClientSampleId :
 PB90409BS

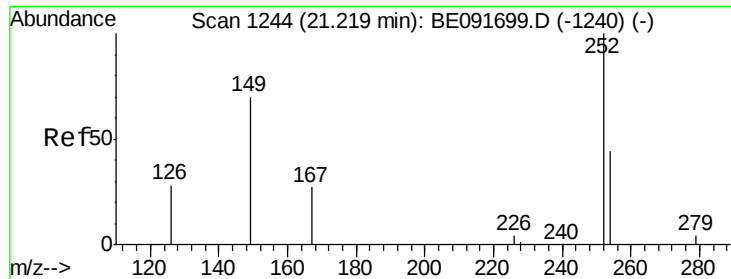
Tgt Ion: 252 Resp: 60369
 Ion Ratio Lower Upper
 252 100
 254 54.4 51.1 76.7
 126 5.6 12.6 18.8#



#32
 Chrysene
 Concen: 4.24 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.04 min
 Lab File: BE091761.D
 Acq: 10 May 2016 18:02

Tgt Ion: 228 Resp: 324222
 Ion Ratio Lower Upper
 228 100
 226 21.3 24.0 36.0#
 229 24.0 15.9 23.9#

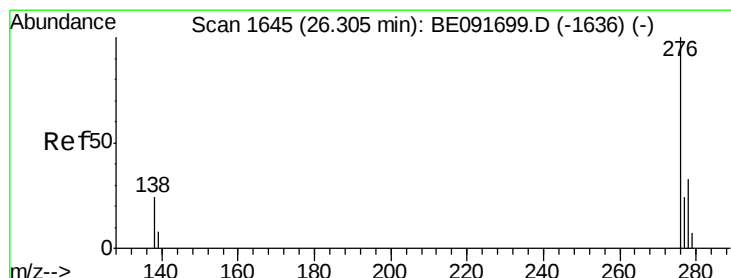
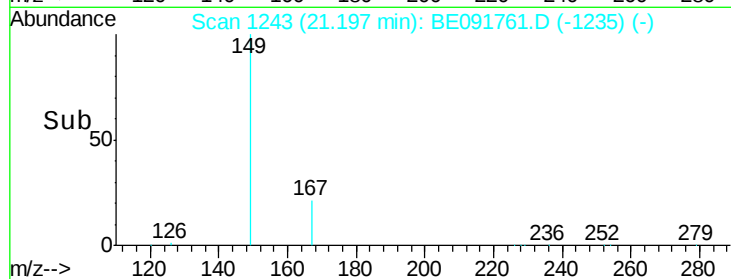
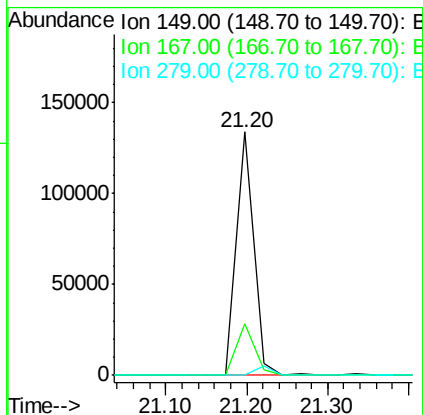
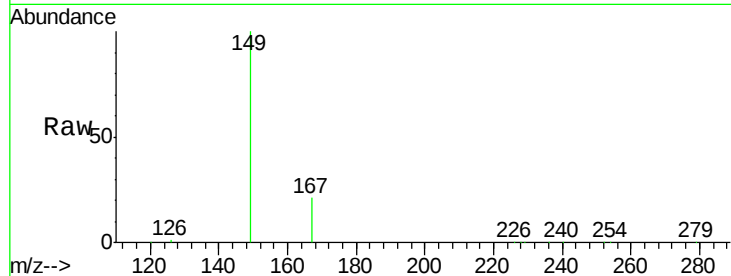




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 8.78 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091761.D
 Acq: 10 May 2016 18:02

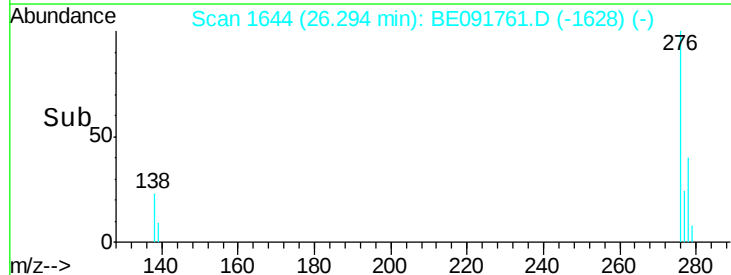
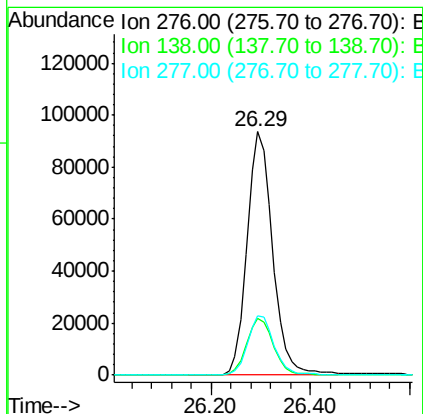
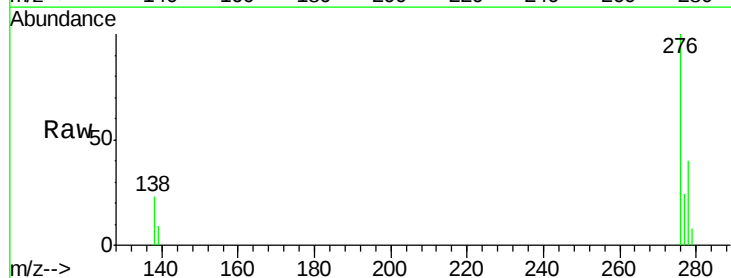
Instrument :
 BNA_E
 ClientSampleId :
 PB90409BS

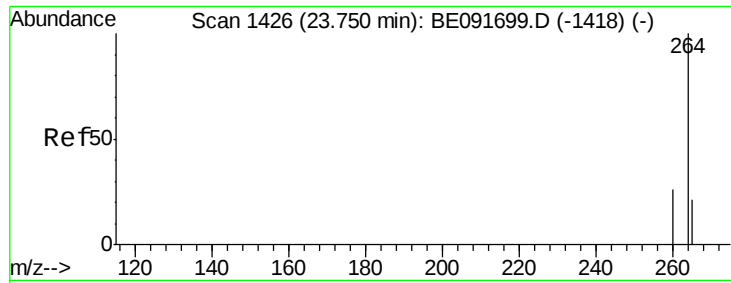
Tgt Ion:149 Resp: 195793
 Ion Ratio Lower Upper
 149 100
 167 22.3 19.5 29.3
 279 0.0 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 4.98 ng
 RT: 26.29 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BE091761.D
 Acq: 10 May 2016 18:02

Tgt Ion:276 Resp: 339105
 Ion Ratio Lower Upper
 276 100
 138 24.5 23.4 35.2
 277 25.0 19.8 29.8

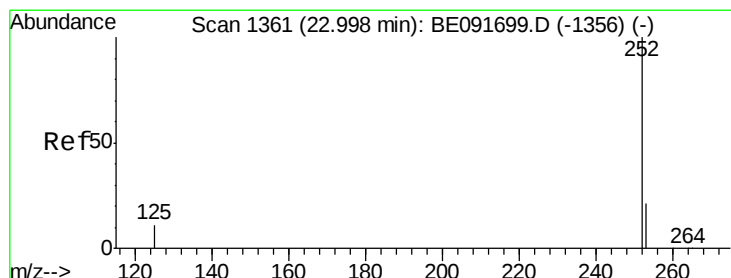
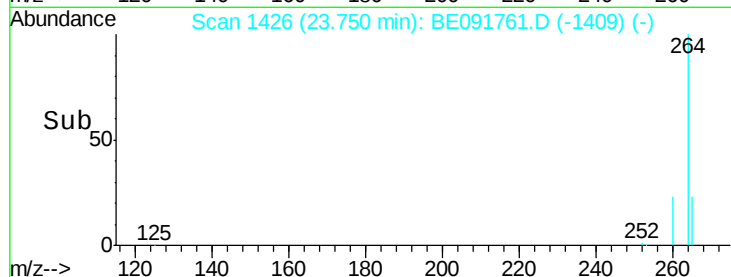
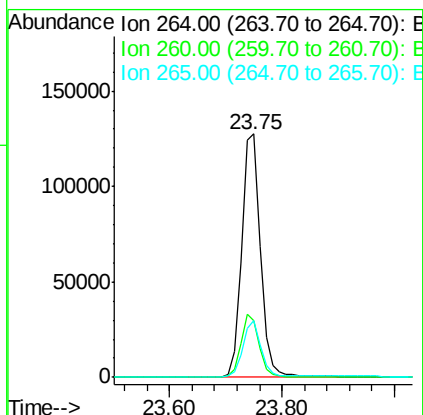
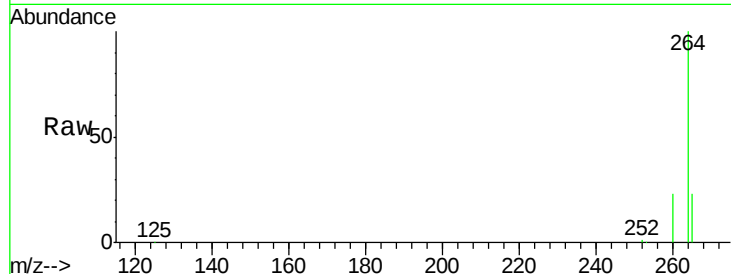




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.75 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BE091761.D
 Acq: 10 May 2016 18:02

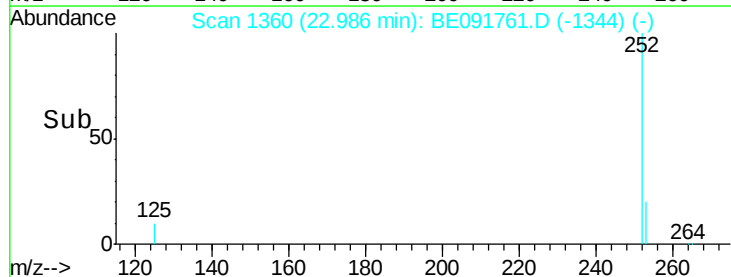
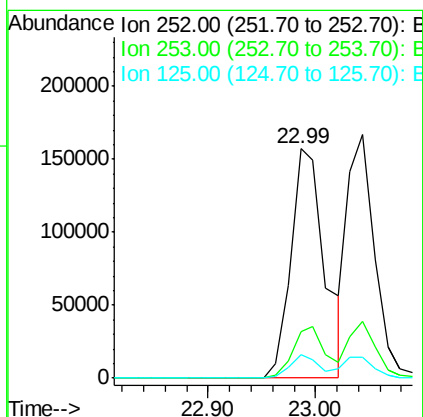
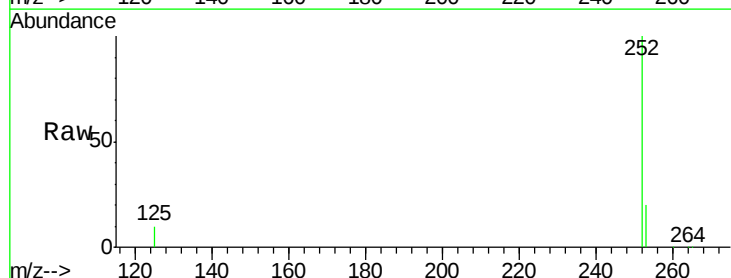
Instrument :
 BNA_E
 ClientSampleId :
 PB90409BS

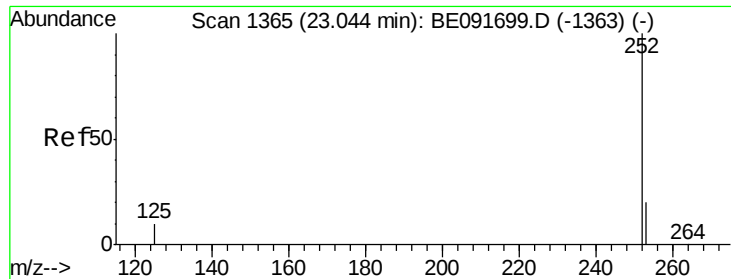
Tgt Ion: 264 Resp: 300478
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.0 30.0
 265 23.1 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 4.91 ng
 RT: 22.99 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BE091761.D
 Acq: 10 May 2016 18:02

Tgt Ion: 252 Resp: 345777
 Ion Ratio Lower Upper
 252 100
 253 20.4 17.4 26.0
 125 10.2 10.2 15.2

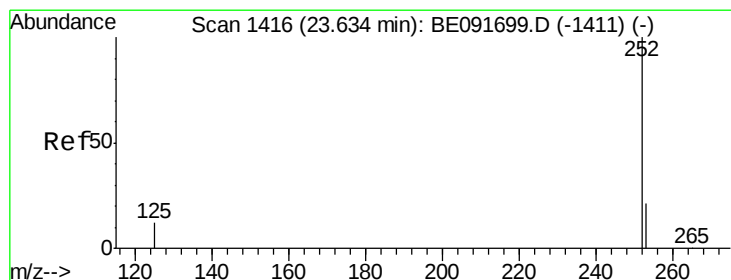
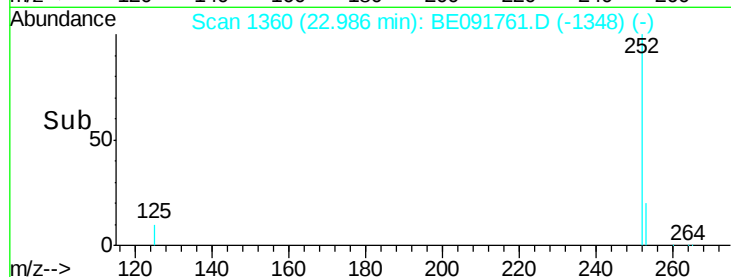
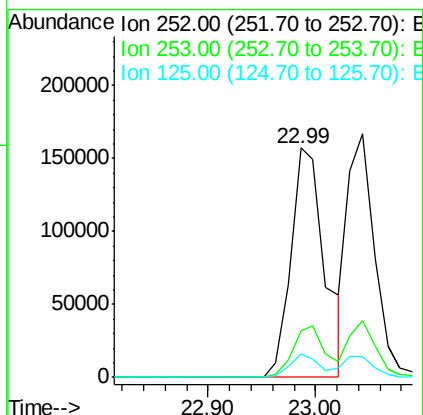
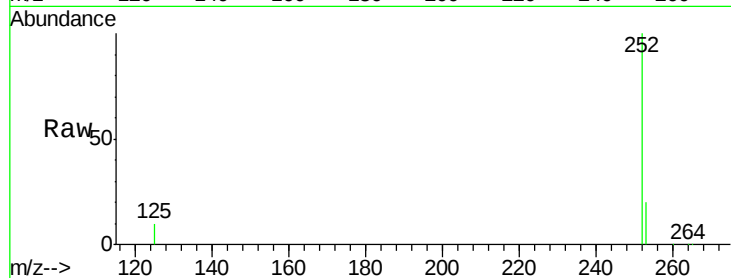




#37
Benzo(k)fluoranthene
Concen: 4.83 ng
RT: 22.99 min Scan# 1360
Delta R.T. -0.06 min
Lab File: BE091761.D
Acq: 10 May 2016 18:02

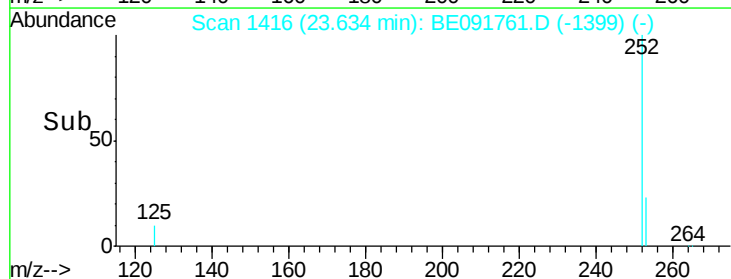
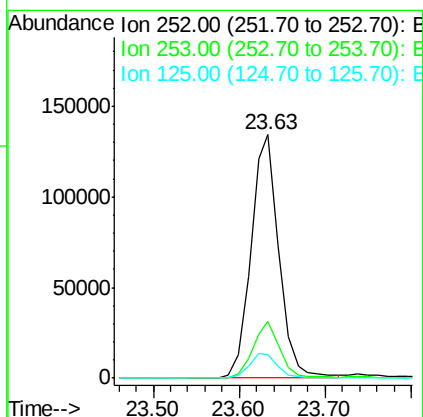
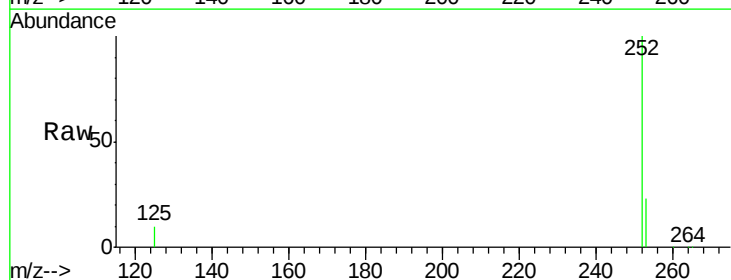
Instrument :
BNA_E
ClientSampleId :
PB90409BS

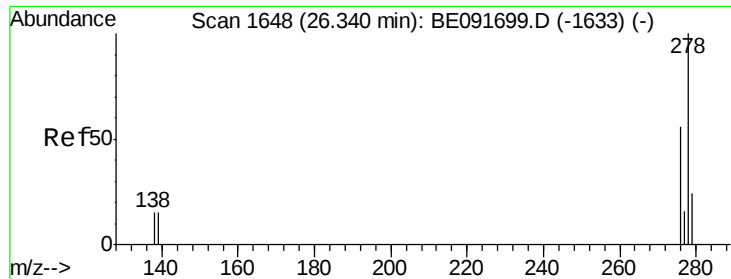
Tgt Ion: 252 Resp: 345777
Ion Ratio Lower Upper
252 100
253 20.4 17.6 26.4
125 10.2 9.9 14.9



#38
Benzo(a)pyrene
Concen: 4.54 ng
RT: 23.63 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BE091761.D
Acq: 10 May 2016 18:02

Tgt Ion: 252 Resp: 300776
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 9.8 11.0 16.4#





#39

Dibenzo(a,h)anthracene

Concen: 4.54 ng

RT: 26.32 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BE091761.D

Acq: 10 May 2016 18:02

Instrument :

BNA_E

ClientSampleId :

PB90409BS

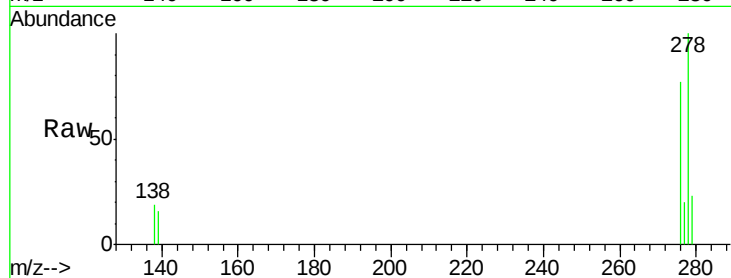
Tgt Ion: 278 Resp: 285305

Ion Ratio Lower Upper

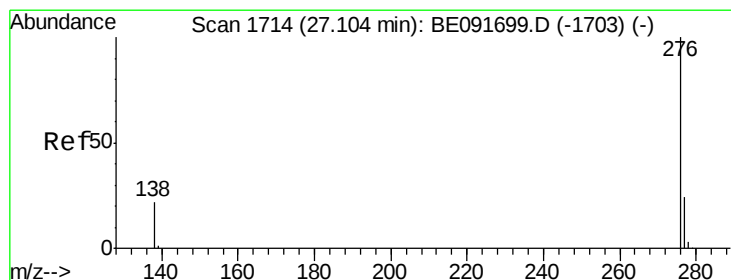
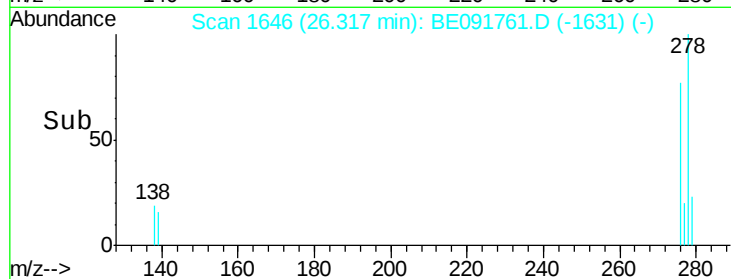
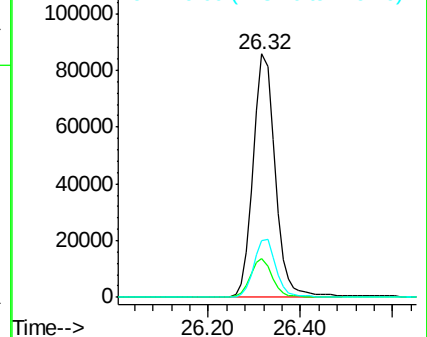
278 100

139 16.0 16.0 24.0

279 23.3 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: 4.51 ng

RT: 27.08 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BE091761.D

Acq: 10 May 2016 18:02

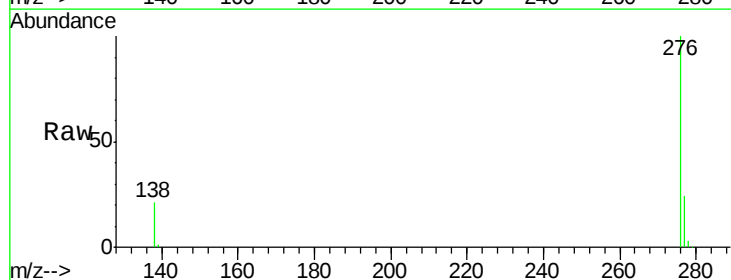
Tgt Ion: 276 Resp: 287879

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 21.1 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

