

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042616\
 Data File : BE091707.D
 Acq On : 26 Apr 2016 16:53
 Operator : UM/SJ
 Sample : PB90006BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90006BS

Quant Time: Apr 27 00:47:53 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	38366	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	179381	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	106392	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	256325	5.00	ng	0.00
26) Chrysene-d12	21.31	240	307412	5.00	ng	0.00
35) Perylene-d12	23.75	264	286776	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	57931	6.15	ng	0.00
5) Phenol-d6	6.95	99	84524	6.76	ng	0.00
8) Nitrobenzene-d5	8.95	82	39265	3.39	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	31837	8.04	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	105130	3.49	ng	0.00
29) Terphenyl-d14	19.76	244	195227	4.07	ng	0.00

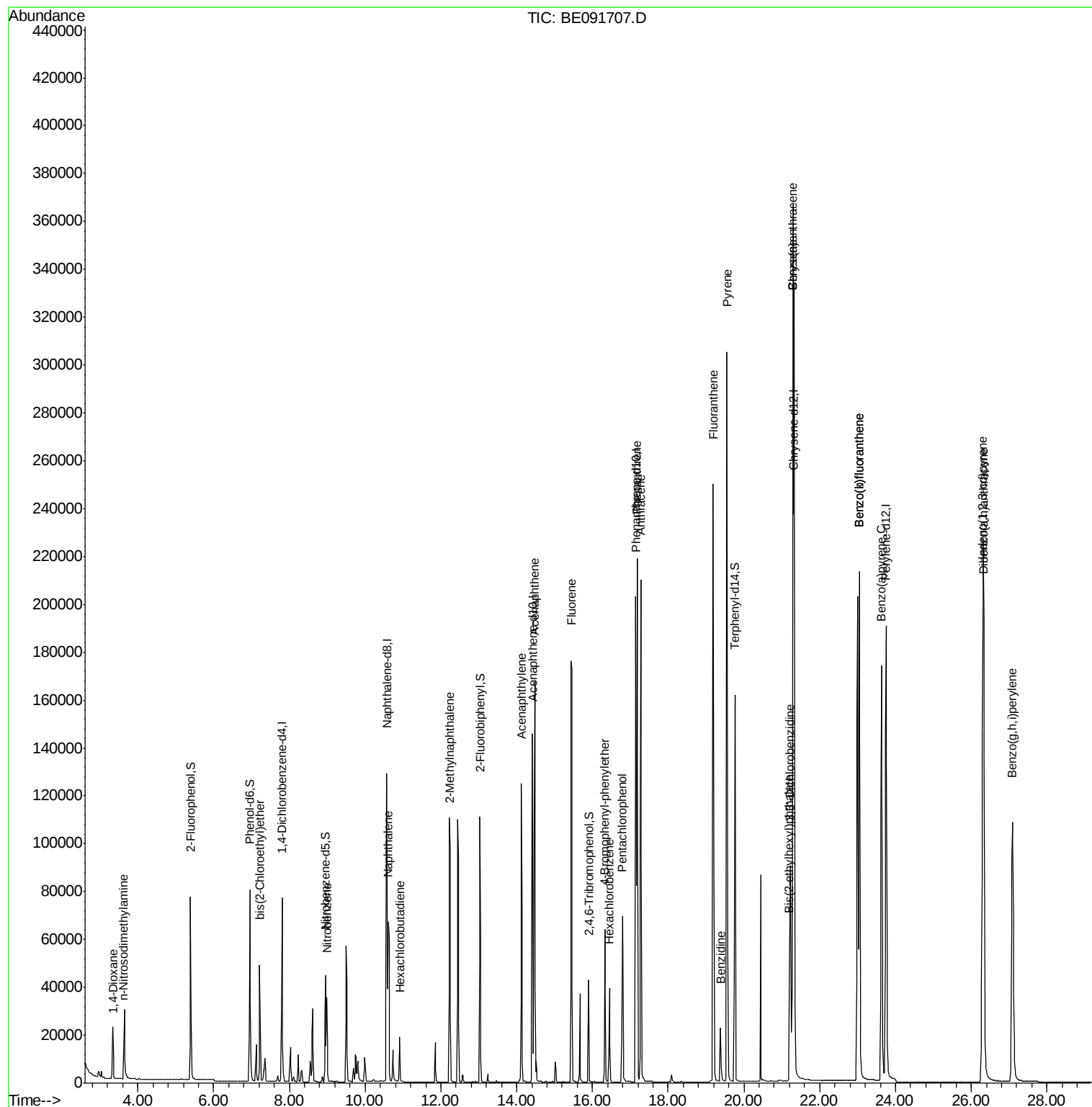
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	14082	3.12	ng	90
3) n-Nitrosodimethylamine	3.63	42	23816	3.42	ng	# 92
6) bis(2-Chloroethyl)ether	7.21	93	36937	3.36	ng	# 75
9) Nitrobenzene	8.99	77	42385	3.50	ng	93
10) Naphthalene	10.61	128	123007	3.39	ng	97
11) Hexachlorobutadiene	10.92	225	18717	3.50	ng	97
12) 2-Methylnaphthalene	12.24	142	87425	3.76	ng	# 88
16) Acenaphthylene	14.12	152	158945	3.88	ng	# 86
17) Acenaphthene	14.47	154	105356	3.97	ng	99
18) Fluorene	15.46	166	125820	3.81	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	35316	3.83	ng	97
21) Hexachlorobenzene	16.45	284	36774	3.99	ng	98
22) Pentachlorophenol	16.79	266	44828	8.98	ng	89
23) Phenanthrene	17.18	178	236362	4.06	ng	99
24) Anthracene	17.28	178	225255	4.29	ng	98
25) Fluoranthene	19.19	202	270175	4.44	ng	97
27) Benzidine	19.38	184	32832	1.47	ng	# 76
28) Pyrene	19.55	202	298974	4.30	ng	99
30) Benzo(a)anthracene	21.29	228	316683	4.22	ng	95
31) 3,3'-Dichlorobenzidine	21.22	252	53906	1.41	ng	# 84
32) Chrysene	21.29	228	316643	4.06	ng	# 91
33) Bis(2-ethylhexyl)phthalate	21.20	149	103634	4.56	ng	# 57
34) Indeno(1,2,3-cd)pyrene	26.31	276	311351	4.48	ng	97
36) Benzo(b)fluoranthene	23.04	252	288008	4.29	ng	98
37) Benzo(k)fluoranthene	23.04	252	291664	4.27	ng	98
38) Benzo(a)pyrene	23.63	252	276295	4.37	ng	# 96
39) Dibenzo(a,h)anthracene	26.33	278	261837	4.37	ng	# 95
40) Benzo(g,h,i)perylene	27.09	276	261501	4.29	ng	96

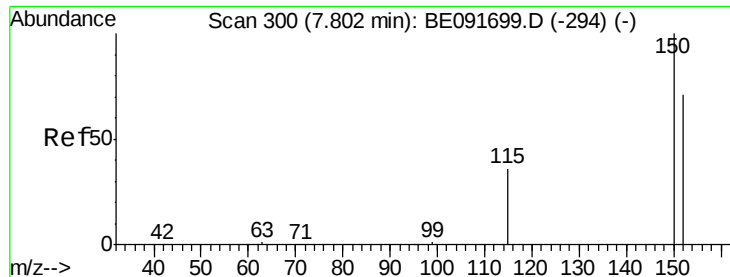
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091707.D

Acq: 26 Apr 2016 16:53

Instrument :

BNA_E

ClientSampleId :

PB90006BS

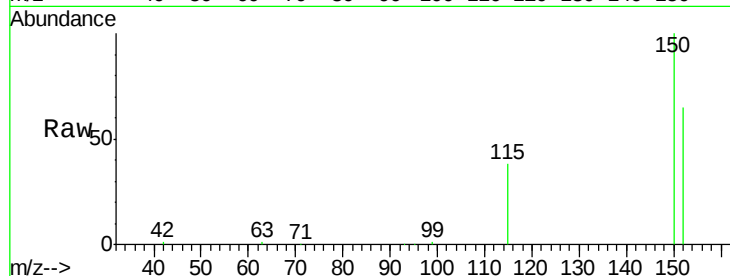
Tgt Ion:152 Resp: 38366

Ion Ratio Lower Upper

152 100

150 153.5 122.6 183.8

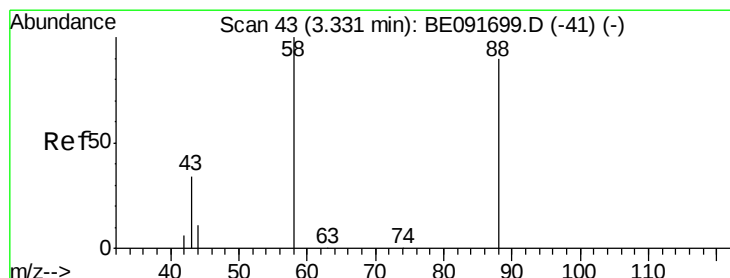
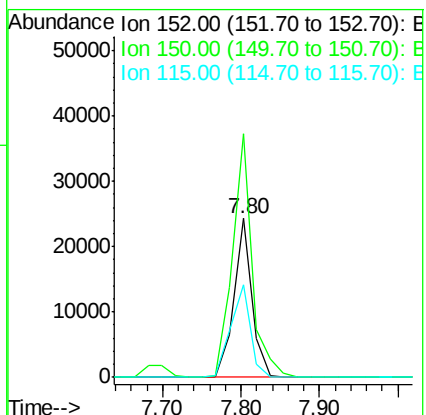
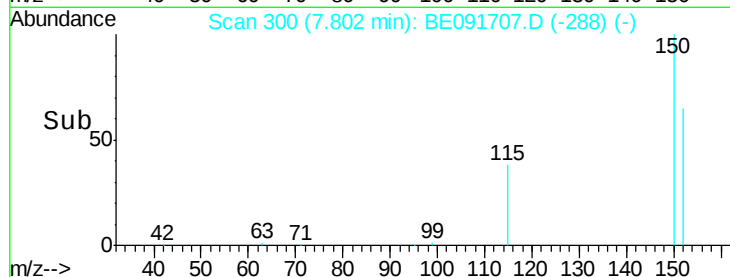
115 58.6 52.8 79.2



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: 3.12 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.02 min

Lab File: BE091707.D

Acq: 26 Apr 2016 16:53

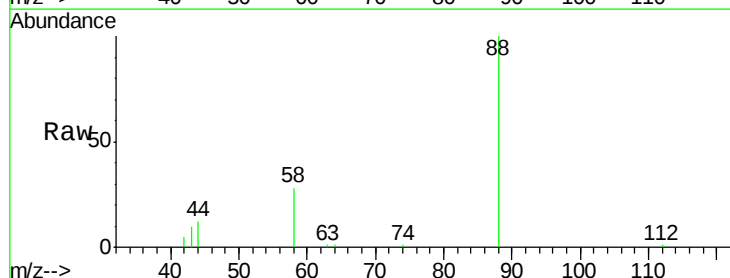
Tgt Ion: 88 Resp: 14082

Ion Ratio Lower Upper

88 100

58 90.2 65.8 98.6

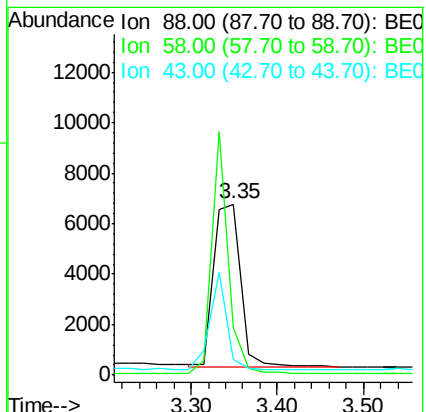
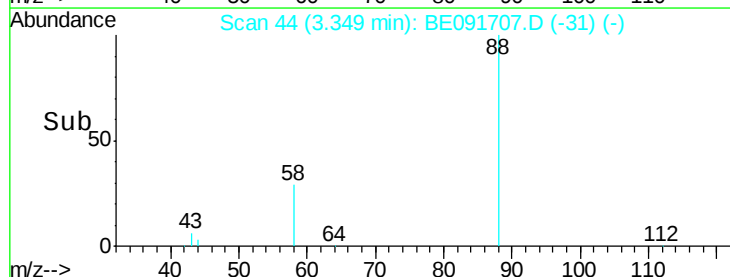
43 37.8 25.3 37.9

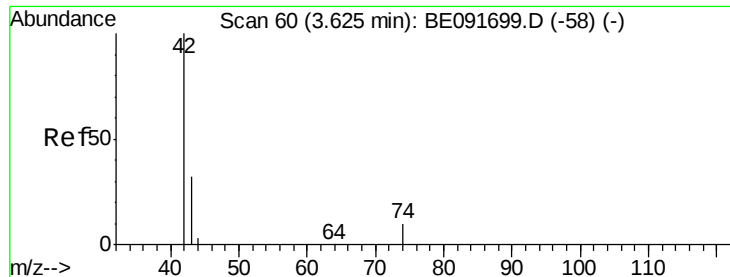


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.42 ng

RT: 3.63 min Scan# 60

Delta R.T. 0.00 min

Lab File: BE091707.D

Acq: 26 Apr 2016 16:53

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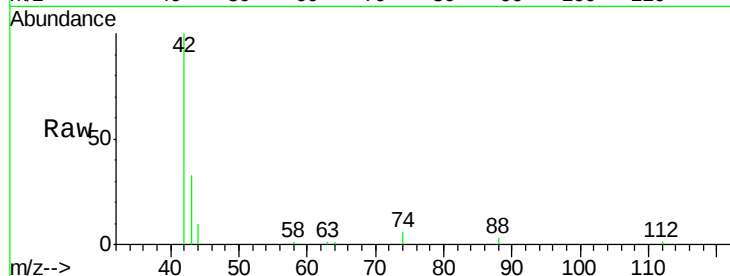
Tgt Ion: 42 Resp: 23816

Ion Ratio Lower Upper

42 100

74 101.4 87.9 131.9

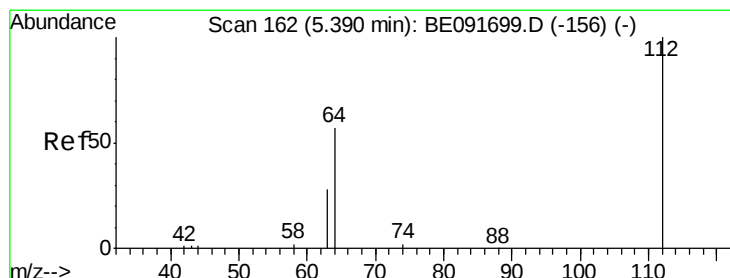
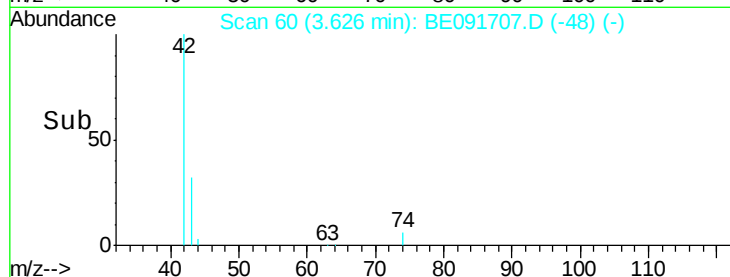
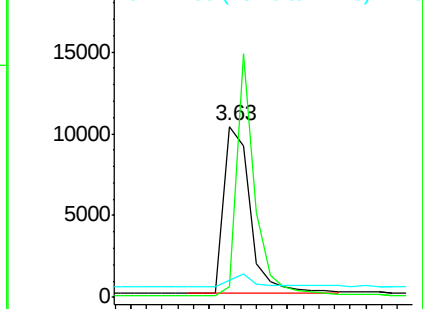
44 6.3 6.6 9.8#



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: 6.15 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091707.D

Acq: 26 Apr 2016 16:53

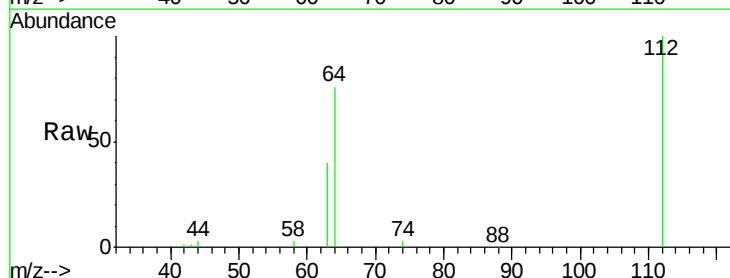
Tgt Ion: 112 Resp: 57931

Ion Ratio Lower Upper

112 100

64 68.2 30.9 46.3#

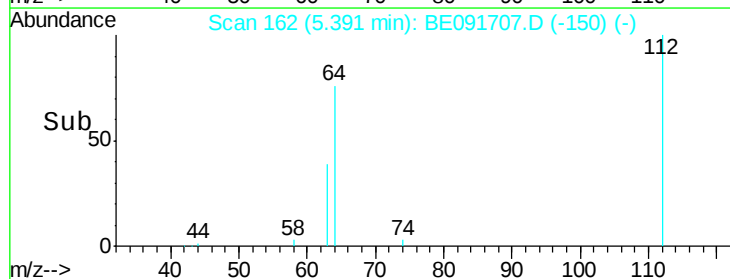
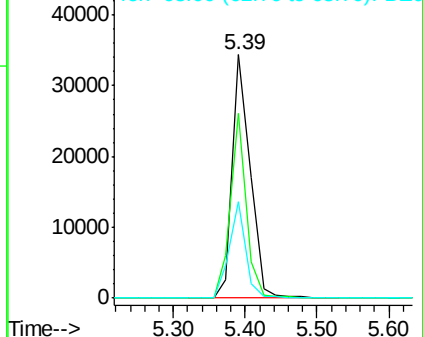
63 36.9 16.7 25.1#

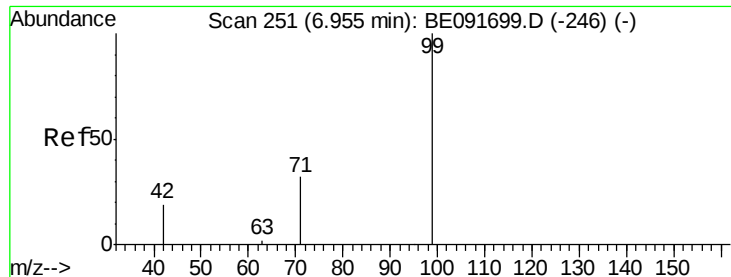


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.76 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091707.D

Acq: 26 Apr 2016 16:53

Instrument :

BNA_E

ClientSampleId :

PB90006BS

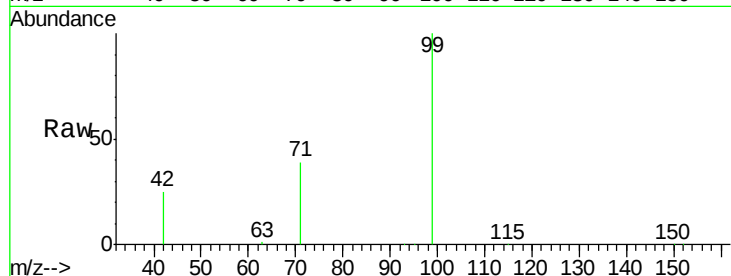
Tgt Ion: 99 Resp: 84524

Ion Ratio Lower Upper

99 100

42 26.0 16.2 24.2#

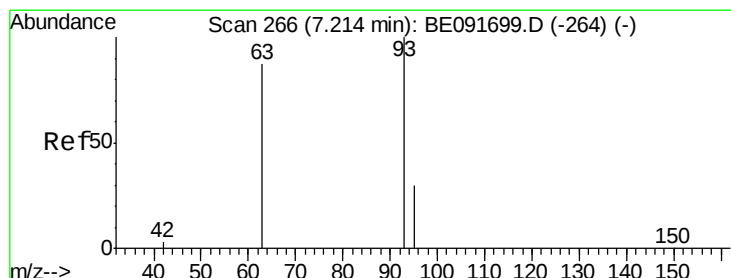
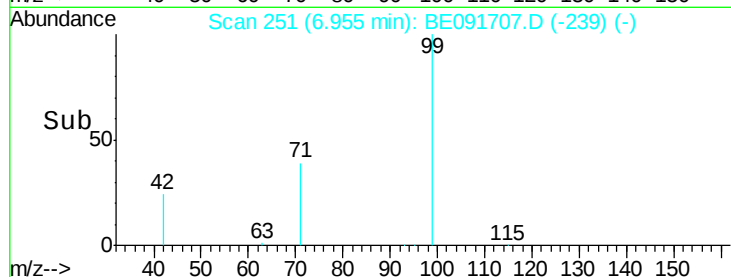
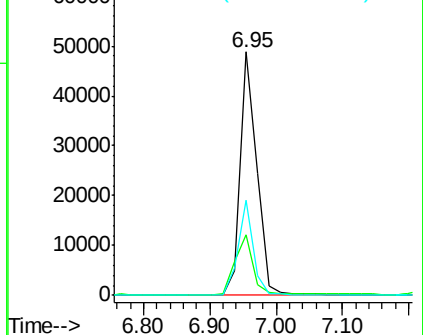
71 35.9 29.0 43.4



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: 3.36 ng

RT: 7.21 min Scan# 266

Delta R.T. 0.00 min

Lab File: BE091707.D

Acq: 26 Apr 2016 16:53

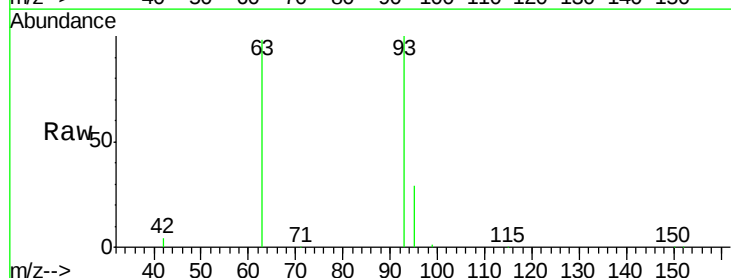
Tgt Ion: 93 Resp: 36937

Ion Ratio Lower Upper

93 100

63 86.4 49.5 74.3#

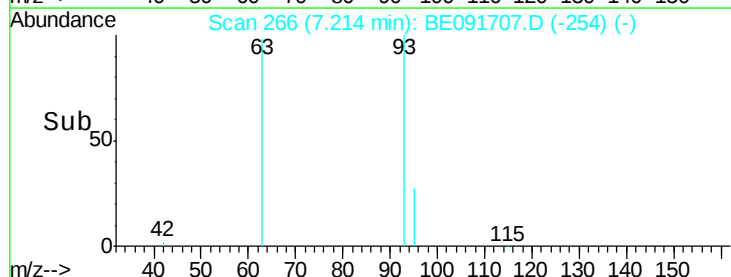
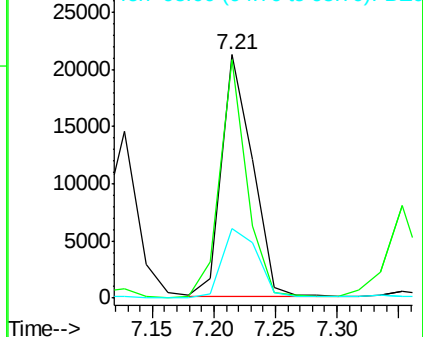
95 32.5 22.2 33.4

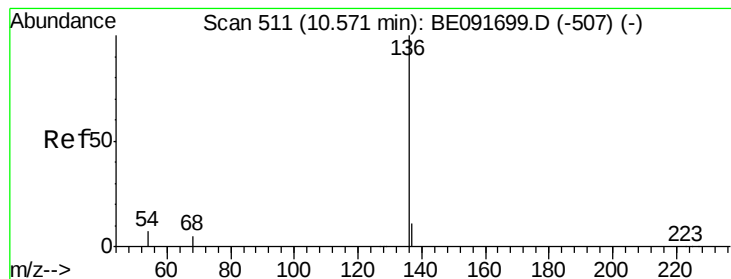


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE091707.D

Acq: 26 Apr 2016 16:53

Instrument :

BNA_E

ClientSampleId :

PB90006BS

Tgt Ion: 136 Resp: 179381

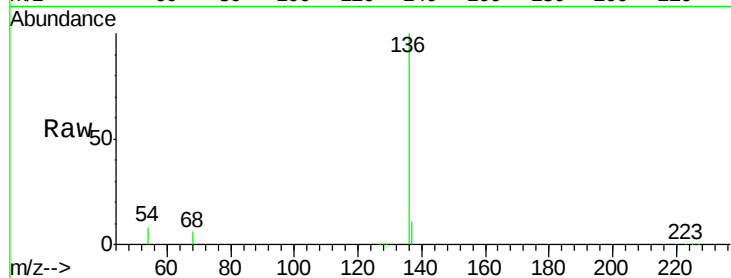
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.8 8.2 12.4#

68 5.8 6.2 9.4#

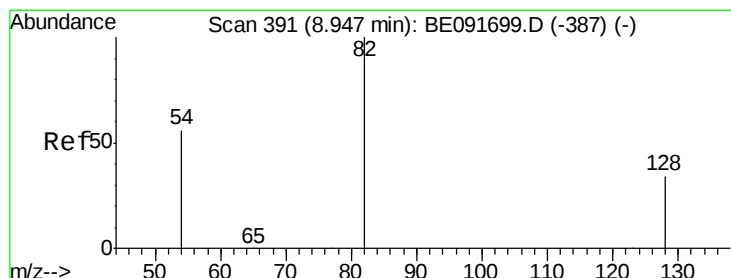
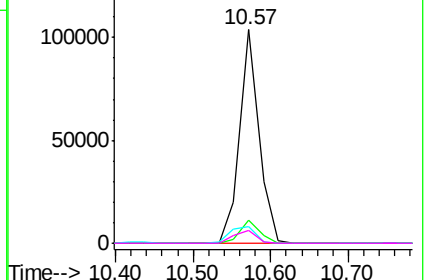
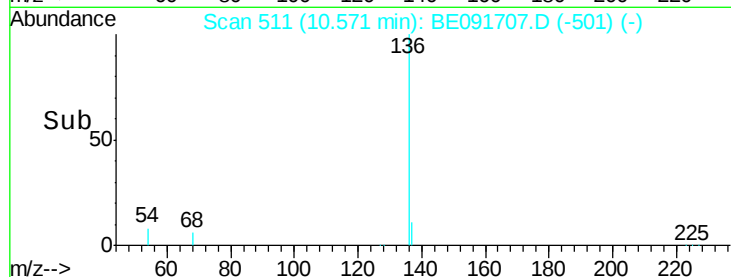


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 3.39 ng

RT: 8.95 min Scan# 391

Delta R.T. 0.00 min

Lab File: BE091707.D

Acq: 26 Apr 2016 16:53

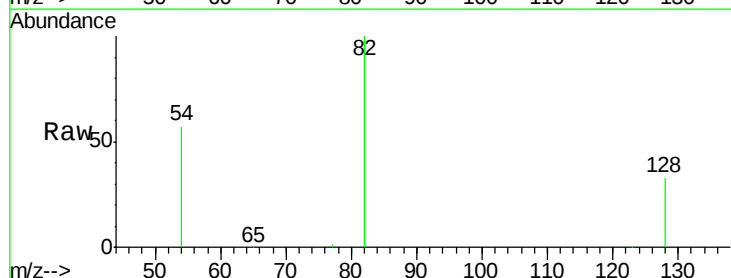
Tgt Ion: 82 Resp: 39265

Ion Ratio Lower Upper

82 100

128 32.7 25.4 38.0

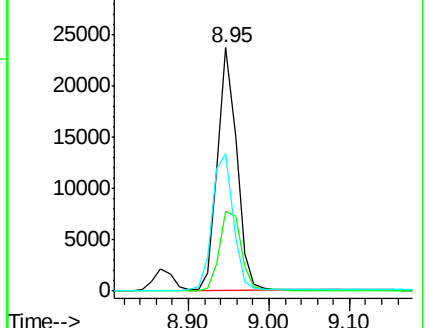
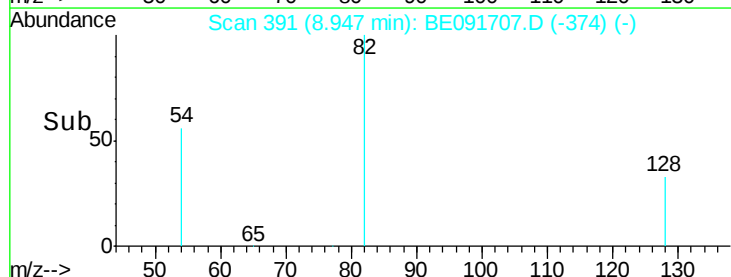
54 56.6 48.4 72.6

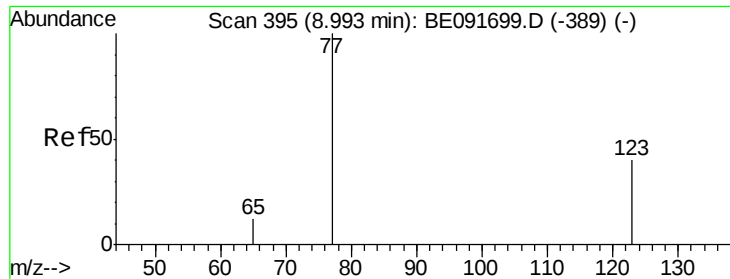


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 3.50 ng

RT: 8.99 min Scan# 395

Delta R.T. 0.00 min

Lab File: BE091707.D

Acq: 26 Apr 2016 16:53

Instrument :

BNA_E

ClientSampleId :

PB90006BS

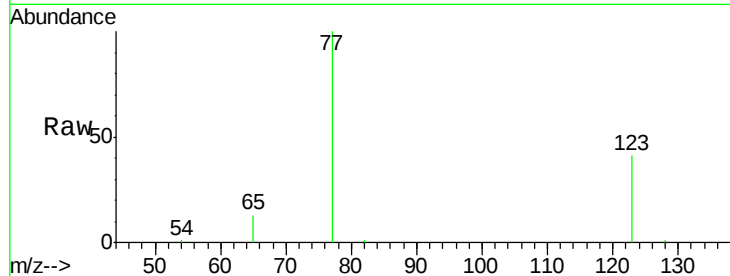
Tgt Ion: 77 Resp: 42385

Ion Ratio Lower Upper

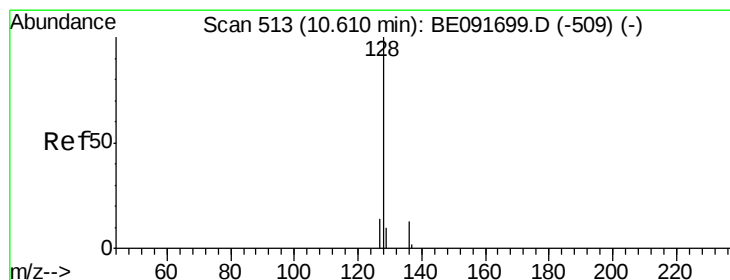
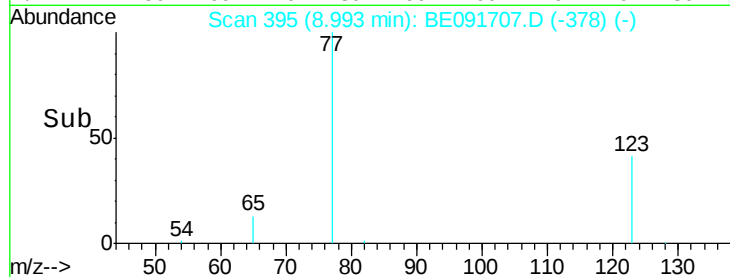
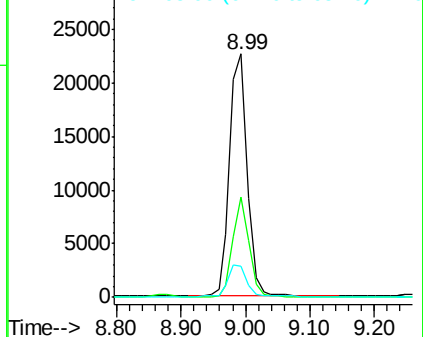
77 100

123 37.5 26.9 40.3

65 13.9 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE0
Ion 123.00 (122.70 to 123.70): BE0
Ion 65.00 (64.70 to 65.70): BE0



#10

Naphthalene

Concen: 3.39 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091707.D

Acq: 26 Apr 2016 16:53

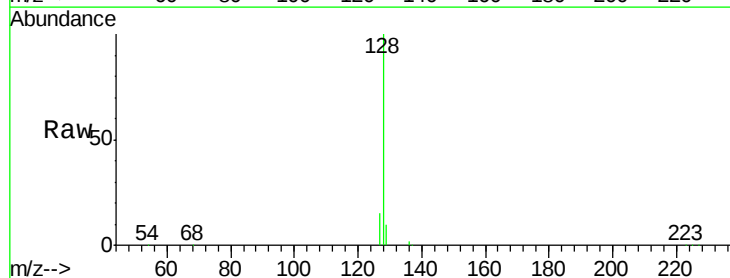
Tgt Ion: 128 Resp: 123007

Ion Ratio Lower Upper

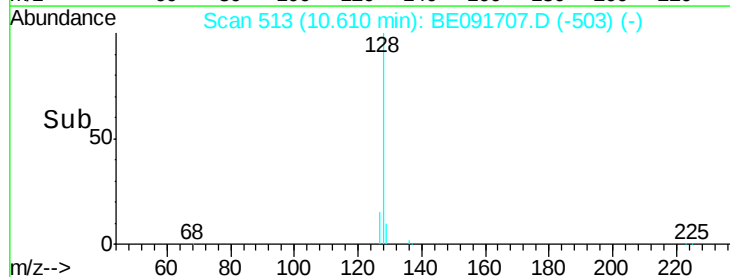
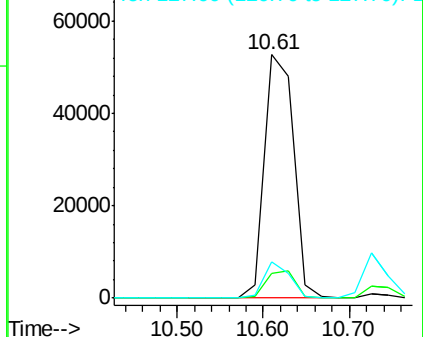
128 100

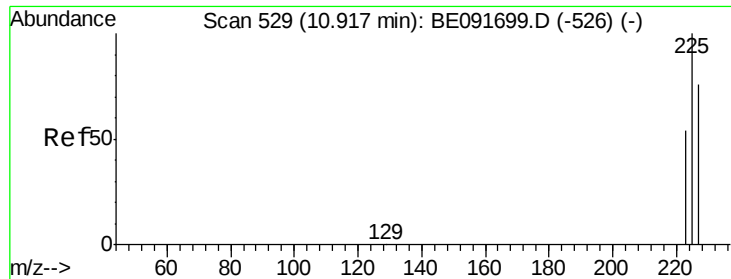
129 10.1 9.3 13.9

127 14.7 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): BE
Ion 129.00 (128.70 to 129.70): BE
Ion 127.00 (126.70 to 127.70): BE

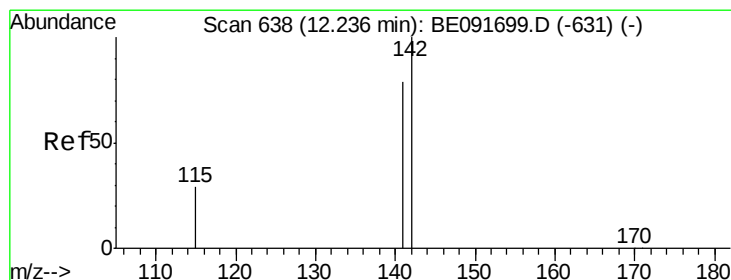
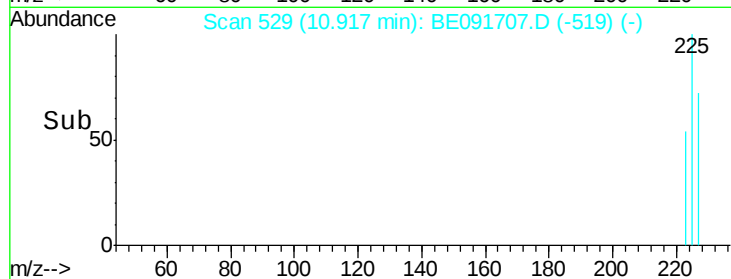
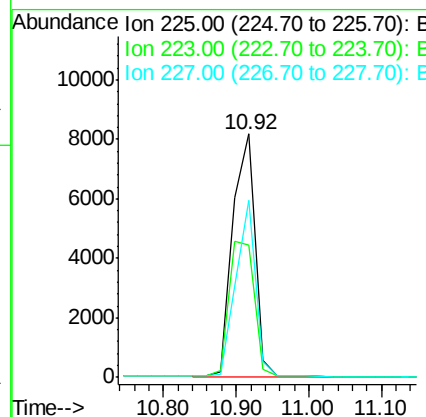
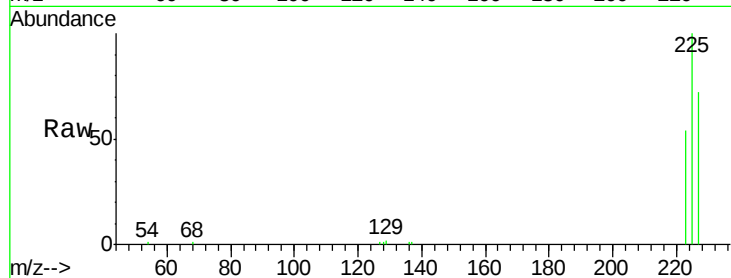




#11
Hexachlorobutadiene
Concen: 3.50 ng
RT: 10.92 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE091707.D
Acq: 26 Apr 2016 16:53

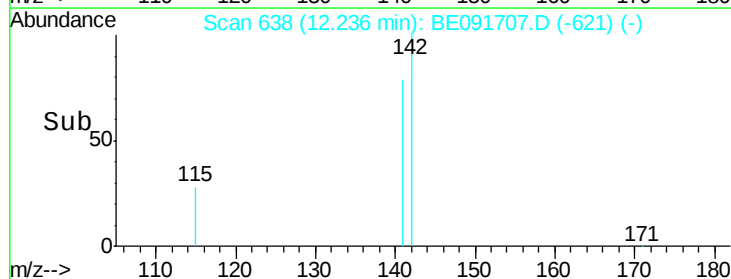
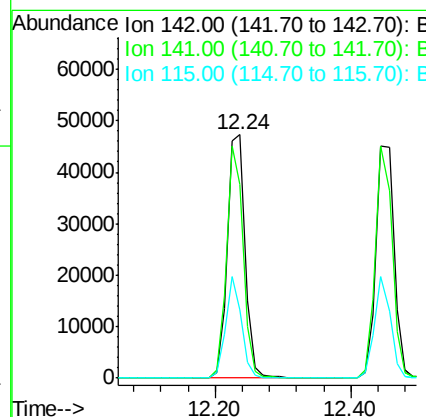
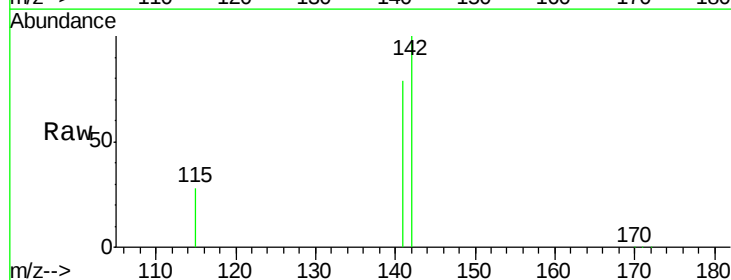
Instrument :
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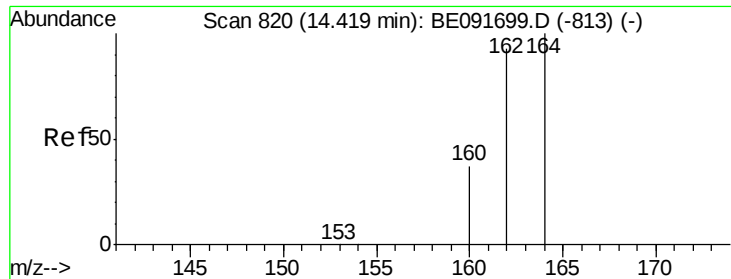
Tgt Ion: 225 Resp: 18717
Ion Ratio Lower Upper
225 100
223 64.2 49.0 73.6
227 64.9 50.3 75.5



#12
2-Methylnaphthalene
Concen: 3.76 ng
RT: 12.24 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE091707.D
Acq: 26 Apr 2016 16:53

Tgt Ion: 142 Resp: 87425
Ion Ratio Lower Upper
142 100
141 79.3 71.4 107.0
115 28.2 30.3 45.5#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. 0.00 min

Lab File: BE091707.D

Acq: 26 Apr 2016 16:53

Instrument :

BNA_E

ClientSampleId :

PB90006BS

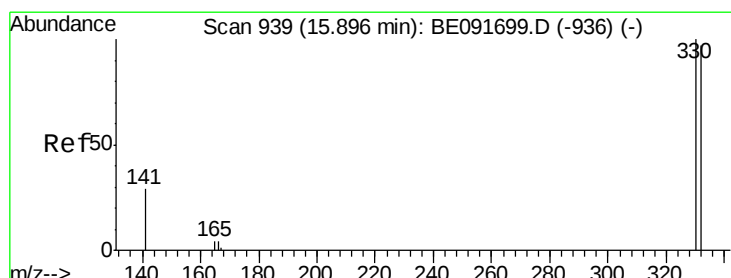
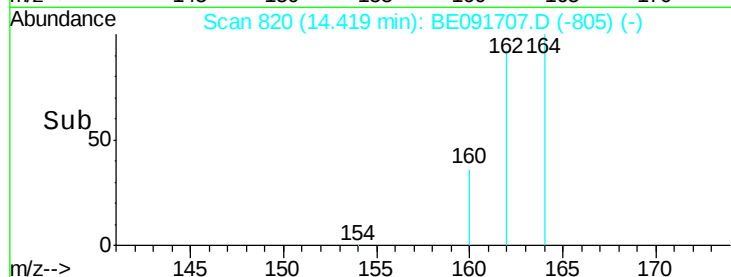
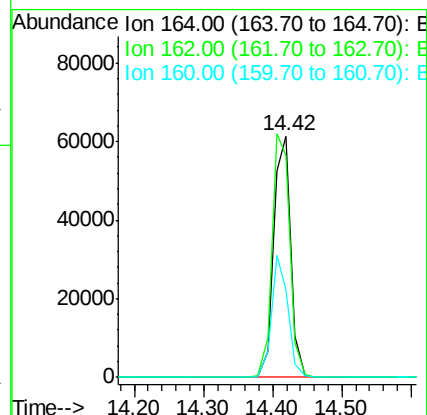
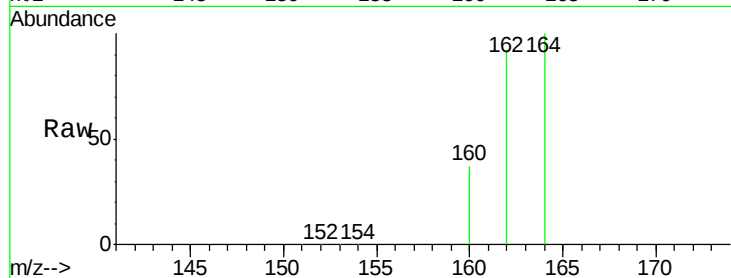
Tgt Ion:164 Resp: 106392

Ion Ratio Lower Upper

164 100

162 92.1 85.3 127.9

160 36.5 46.2 69.2#



#14

2,4,6-Tribromophenol

Concen: 8.04 ng

RT: 15.90 min Scan# 939

Delta R.T. 0.00 min

Lab File: BE091707.D

Acq: 26 Apr 2016 16:53

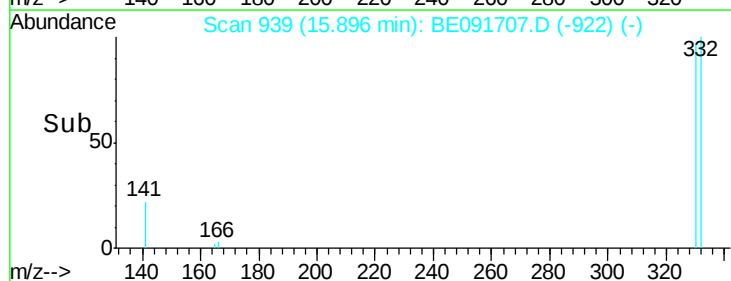
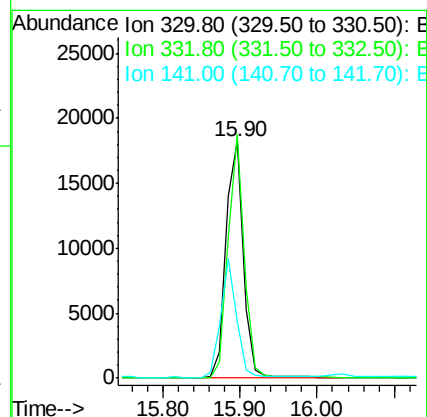
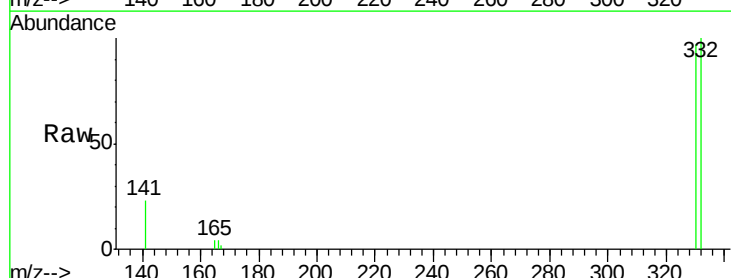
Tgt Ion:330 Resp: 31837

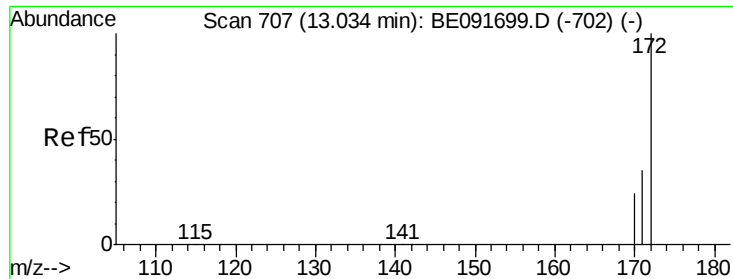
Ion Ratio Lower Upper

330 100

332 97.0 79.1 118.7

141 40.3 125.4 188.0#

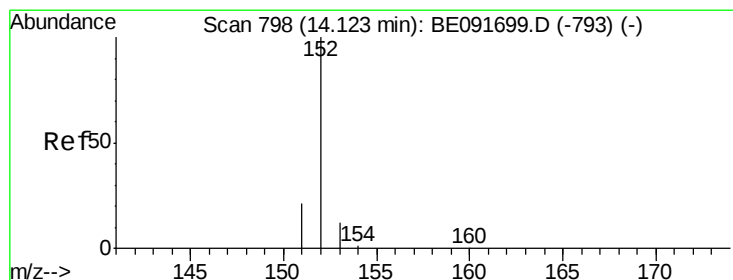
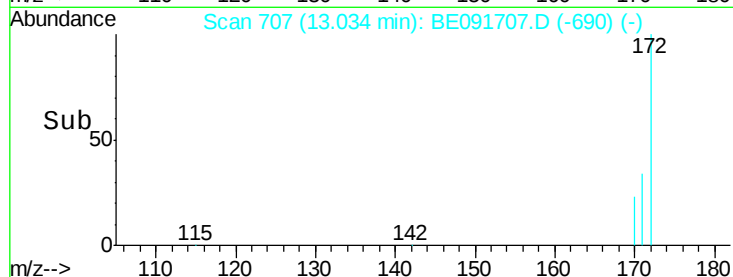
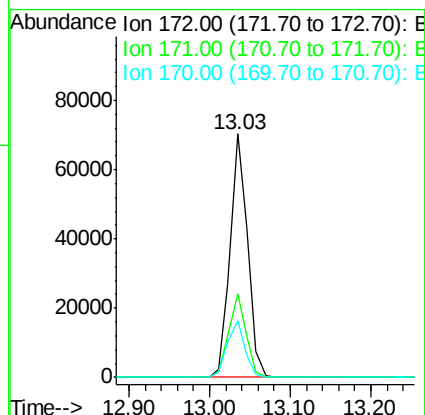
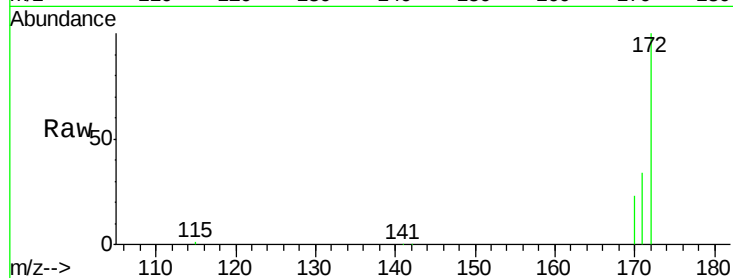




#15
2-Fluorobiphenyl
Concen: 3.49 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091707.D
Acq: 26 Apr 2016 16:53

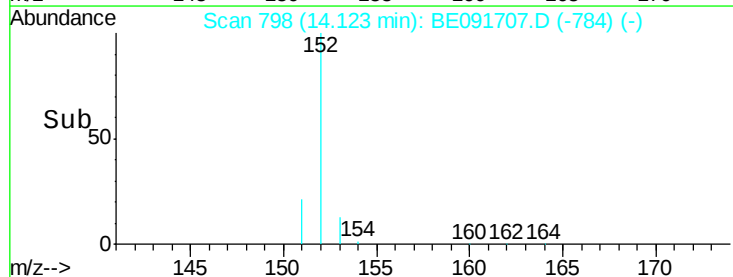
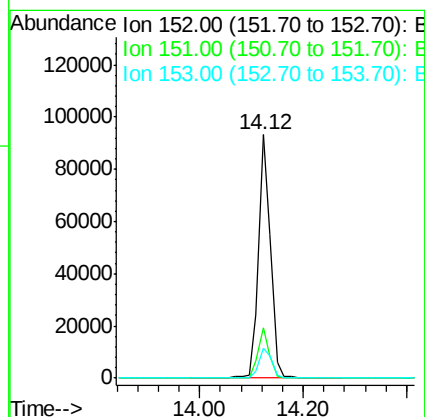
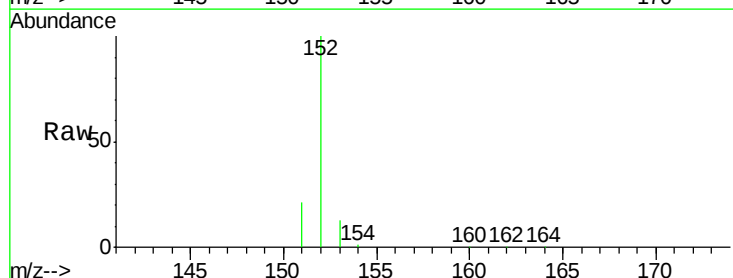
Instrument :
BNA_E
ClientSampleId :
PB90006BS

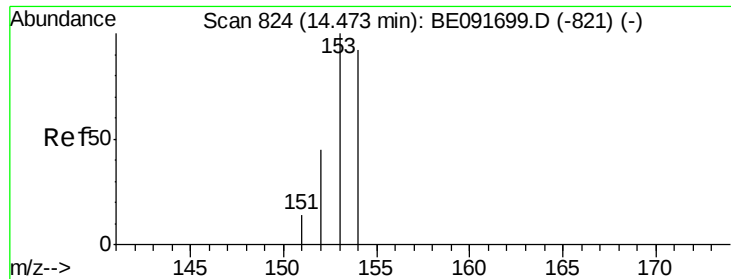
Tgt Ion:172 Resp: 105130
Ion Ratio Lower Upper
172 100
171 34.3 28.8 43.2
170 23.2 19.3 28.9



#16
Acenaphthylene
Concen: 3.88 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091707.D
Acq: 26 Apr 2016 16:53

Tgt Ion:152 Resp: 158945
Ion Ratio Lower Upper
152 100
151 20.2 3.9 5.9#
153 13.6 10.3 15.5

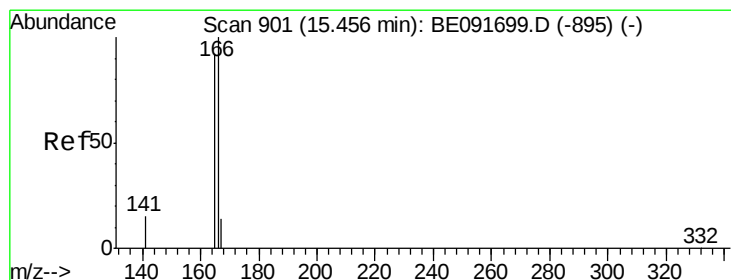
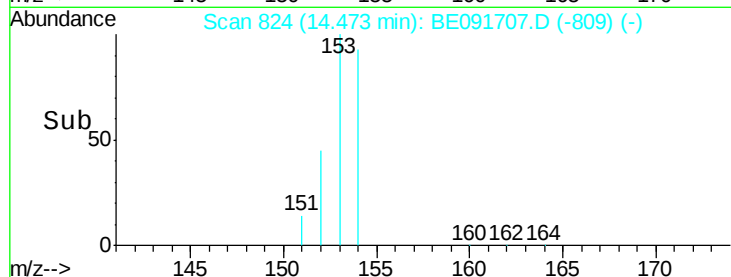
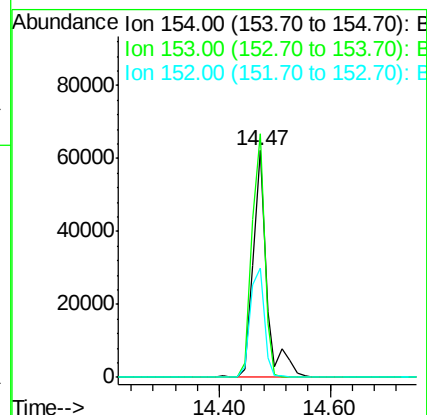
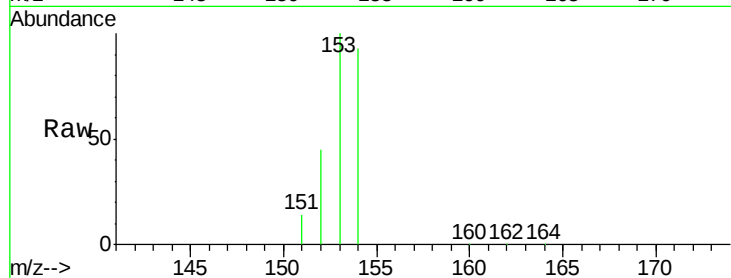




#17
Acenaphthene
Concen: 3.97 ng
RT: 14.47 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE091707.D
Acq: 26 Apr 2016 16:53

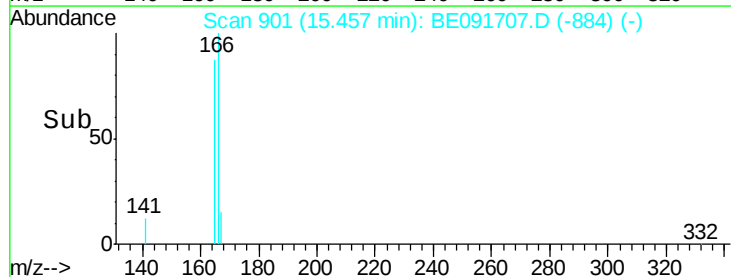
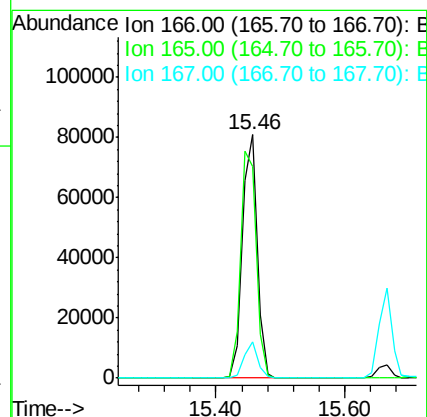
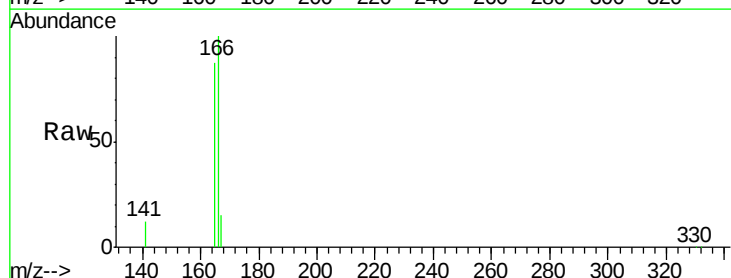
Instrument :
BNA_E
ClientSampleId :
PB90006BS

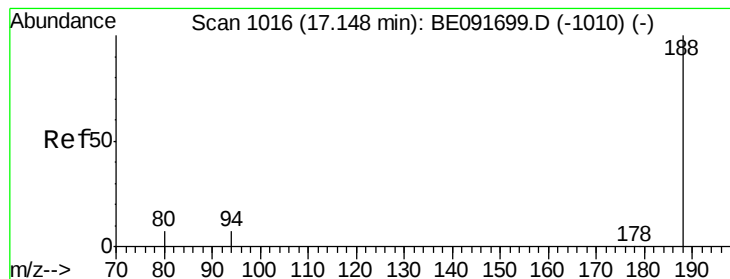
Tgt Ion:154 Resp: 105356
Ion Ratio Lower Upper
154 100
153 99.5 80.0 120.0
152 49.2 40.0 60.0



#18
Fluorene
Concen: 3.81 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091707.D
Acq: 26 Apr 2016 16:53

Tgt Ion:166 Resp: 125820
Ion Ratio Lower Upper
166 100
165 98.8 80.8 121.2
167 13.6 10.9 16.3

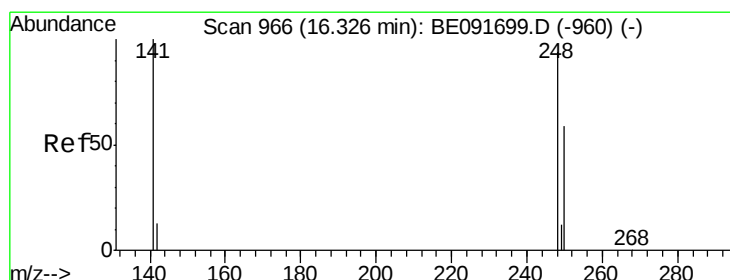
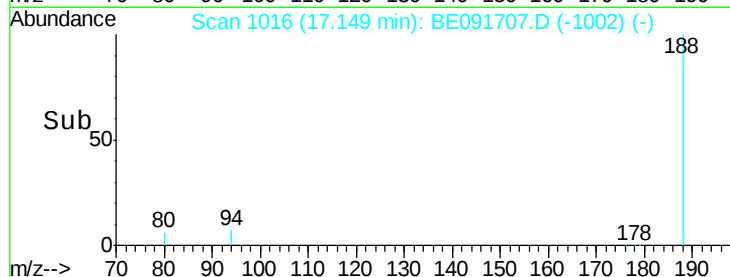
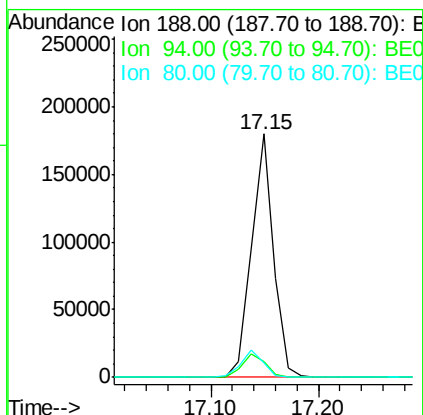
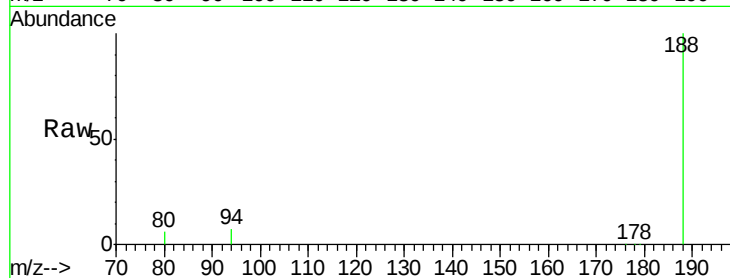




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091707.D
Acq: 26 Apr 2016 16:53

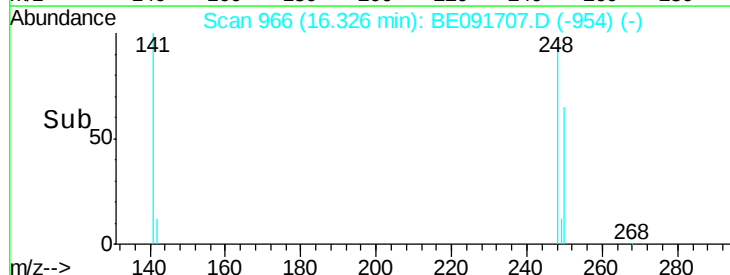
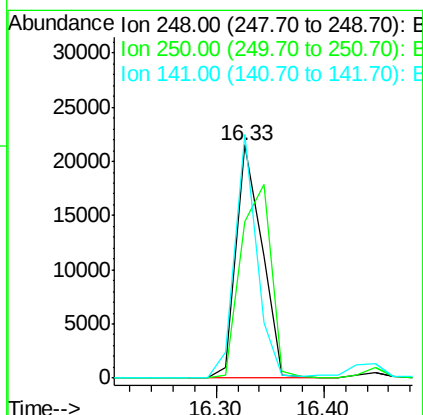
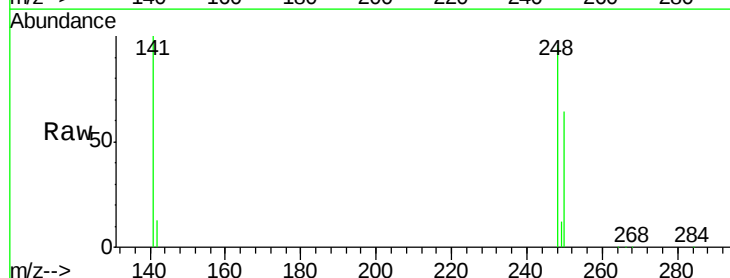
Instrument :
BNA_E
ClientSampleId :
PB90006BS

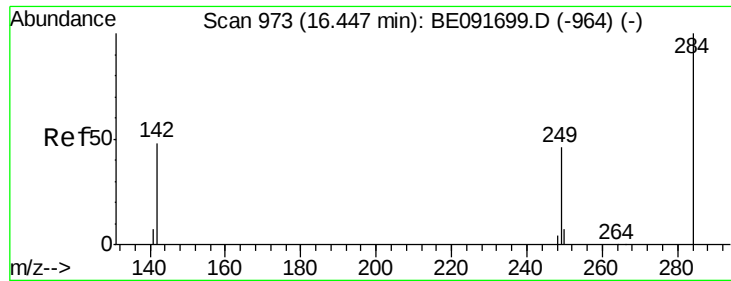
Tgt Ion:188 Resp: 256325
Ion Ratio Lower Upper
188 100
94 6.7 8.7 13.1#
80 5.9 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 3.83 ng
RT: 16.33 min Scan# 966
Delta R.T. 0.00 min
Lab File: BE091707.D
Acq: 26 Apr 2016 16:53

Tgt Ion:248 Resp: 35316
Ion Ratio Lower Upper
248 100
250 97.7 80.5 120.7
141 87.8 72.0 108.0

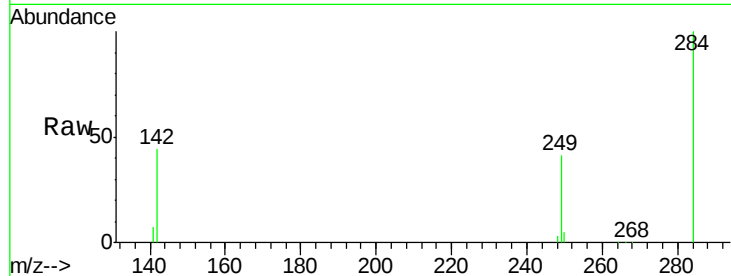




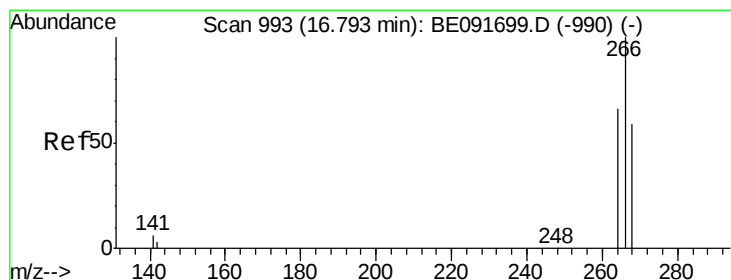
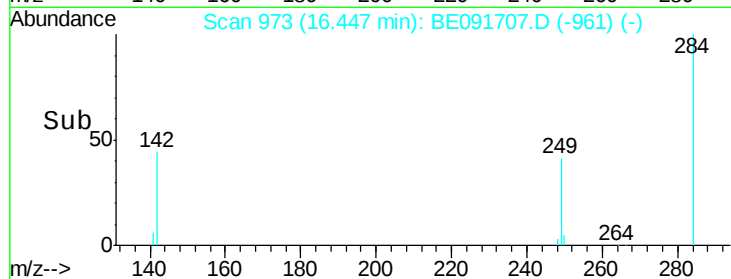
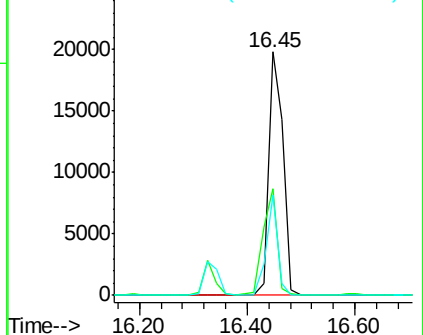
#21
Hexachlorobenzene
Concen: 3.99 ng
RT: 16.45 min Scan# 973
Delta R.T. 0.00 min
Lab File: BE091707.D
Acq: 26 Apr 2016 16:53

Instrument :
BNA_E
ClientSampleId :
PB90006BS

Tgt Ion: 284 Resp: 36774
Ion Ratio Lower Upper
284 100
142 41.9 32.2 48.2
249 32.8 25.4 38.2

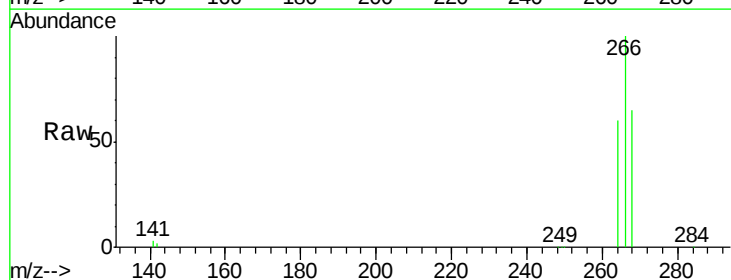


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

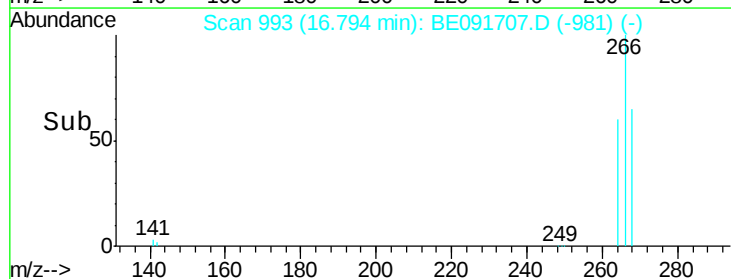
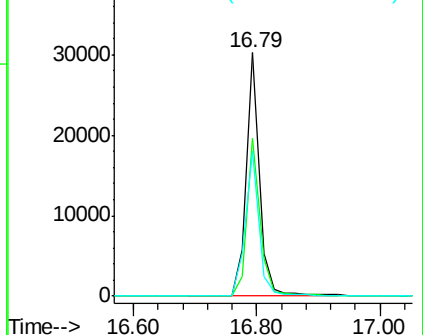


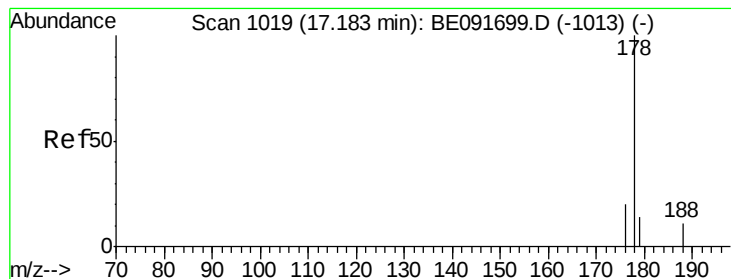
#22
Pentachlorophenol
Concen: 8.98 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091707.D
Acq: 26 Apr 2016 16:53

Tgt Ion: 266 Resp: 44828
Ion Ratio Lower Upper
266 100
268 64.7 58.2 87.2
264 59.7 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: 4.06 ng

RT: 17.18 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE091707.D

Acq: 26 Apr 2016 16:53

Instrument :

BNA_E

ClientSampleId :

PB90006BS

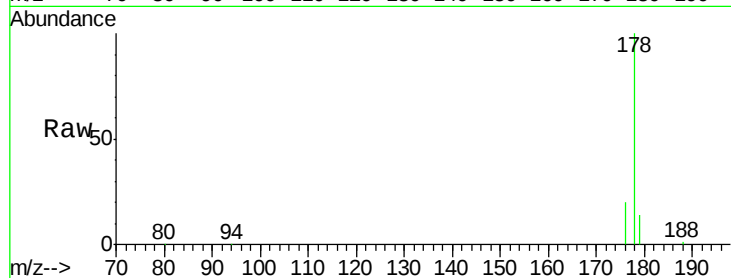
Tgt Ion:178 Resp: 236362

Ion Ratio Lower Upper

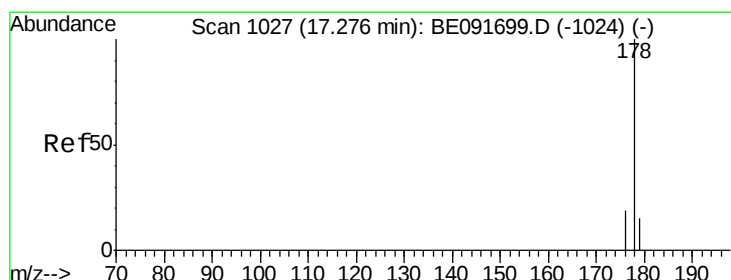
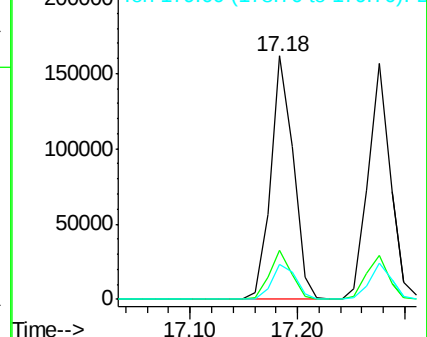
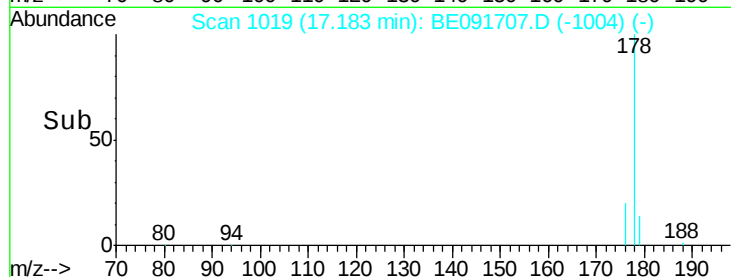
178 100

176 19.6 15.3 22.9

179 15.4 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: 4.29 ng

RT: 17.28 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE091707.D

Acq: 26 Apr 2016 16:53

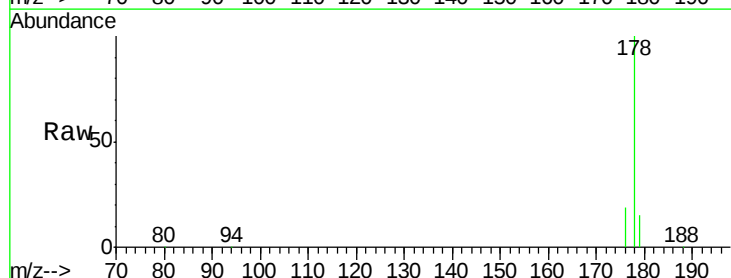
Tgt Ion:178 Resp: 225255

Ion Ratio Lower Upper

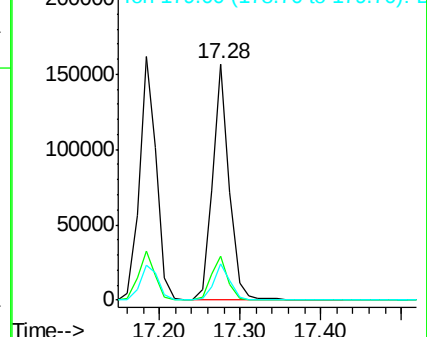
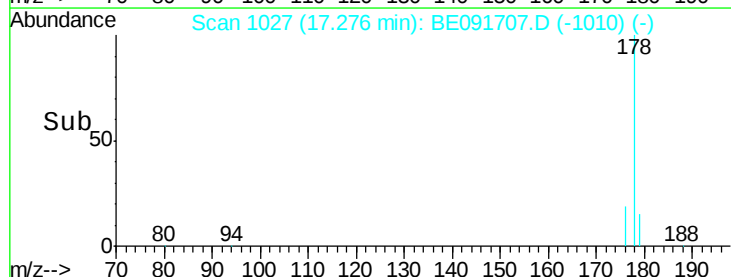
178 100

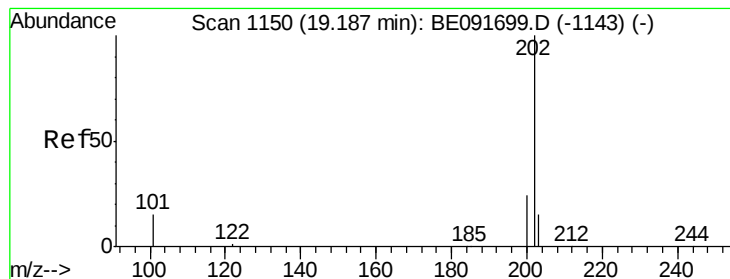
176 19.0 14.6 21.8

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: 4.44 ng

RT: 19.19 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BE091707.D

Acq: 26 Apr 2016 16:53

Instrument :

BNA_E

ClientSampleId :

PB90006BS

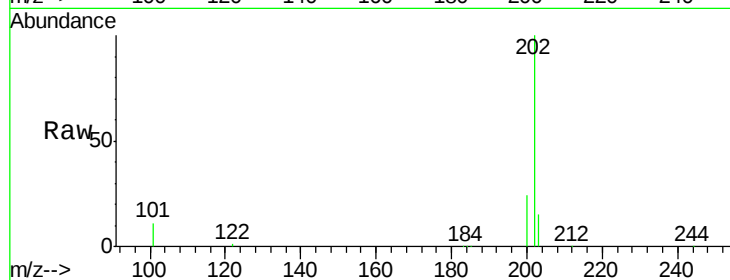
Tgt Ion:202 Resp: 270175

Ion Ratio Lower Upper

202 100

101 11.4 11.0 16.6

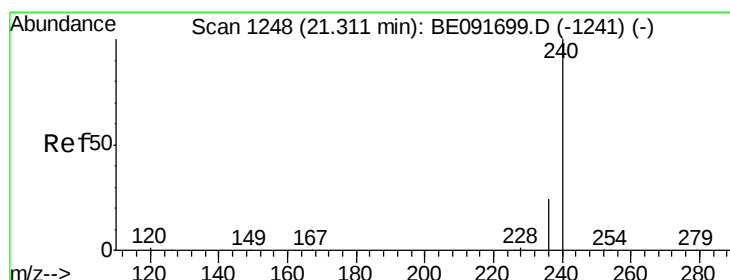
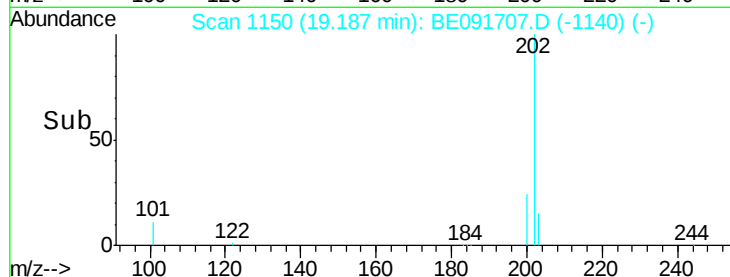
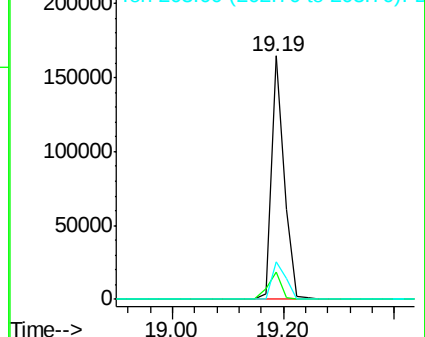
203 17.4 13.9 20.9



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: BE091707.D

Acq: 26 Apr 2016 16:53

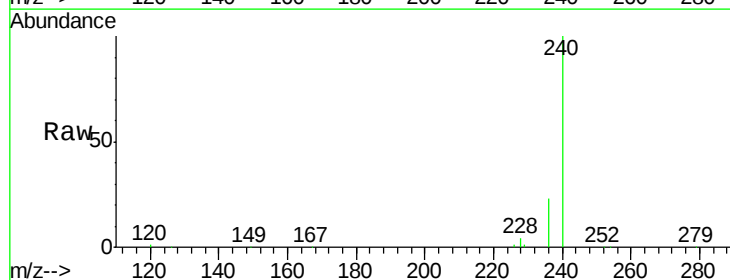
Tgt Ion:240 Resp: 307412

Ion Ratio Lower Upper

240 100

120 1.0 11.0 16.4#

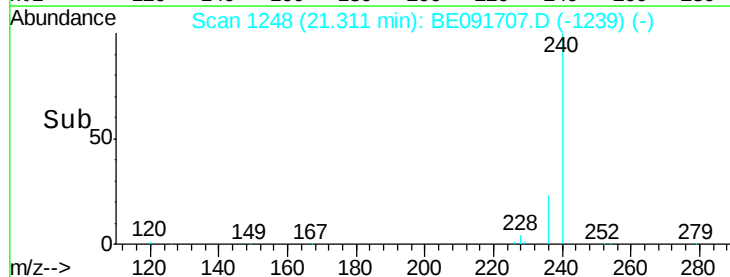
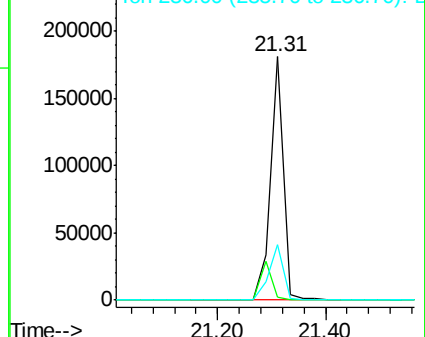
236 22.8 21.7 32.5

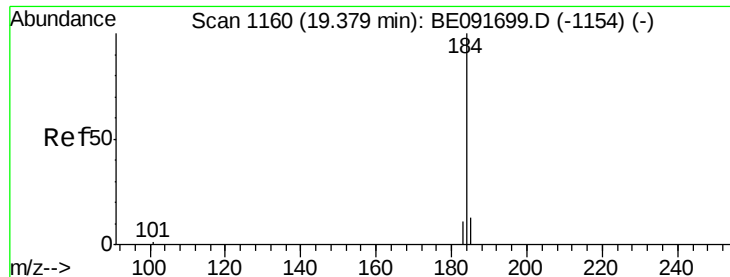


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 1.47 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091707.D

Acq: 26 Apr 2016 16:53

Instrument :

BNA_E

ClientSampleId :

PB90006BS

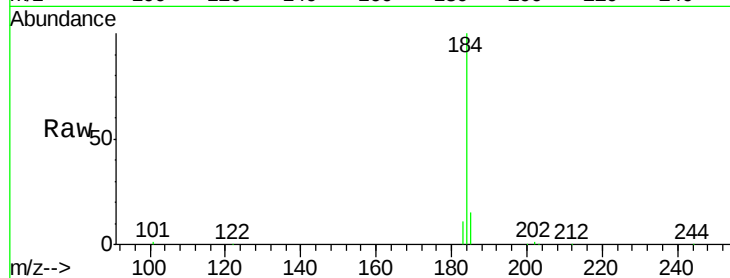
Tgt Ion:184 Resp: 32832

Ion Ratio Lower Upper

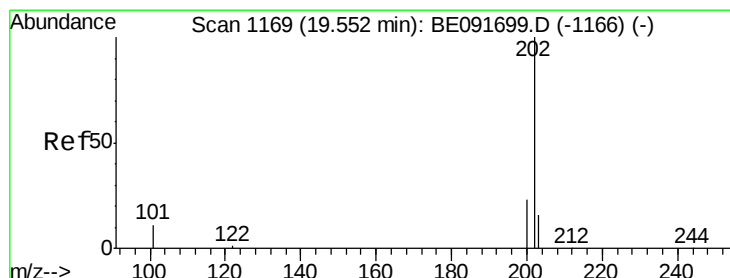
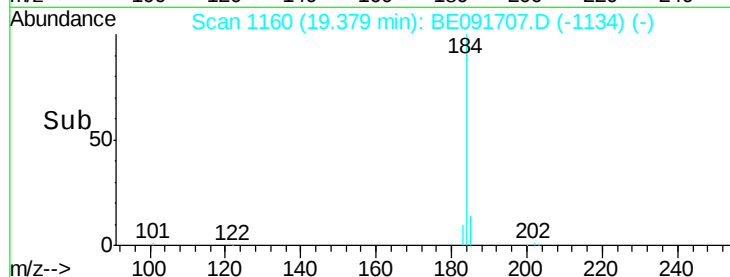
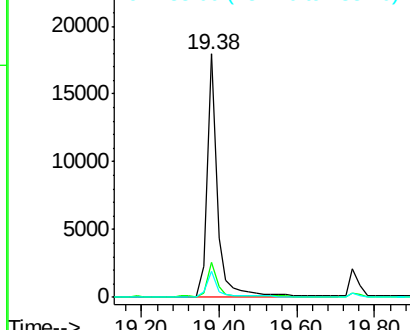
184 100

185 14.5 22.3 33.5#

183 10.5 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: 4.30 ng

RT: 19.55 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BE091707.D

Acq: 26 Apr 2016 16:53

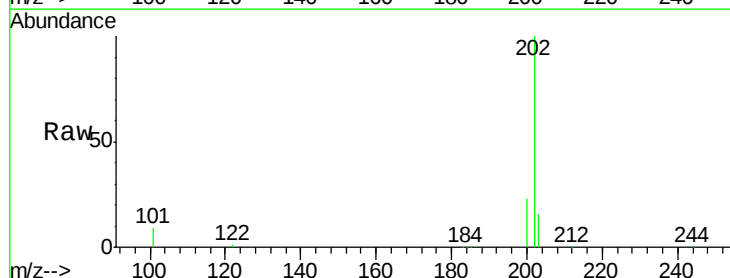
Tgt Ion:202 Resp: 298974

Ion Ratio Lower Upper

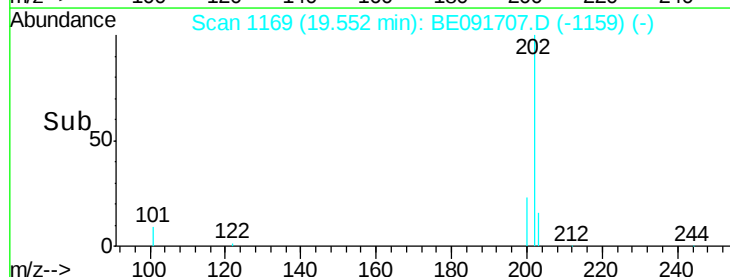
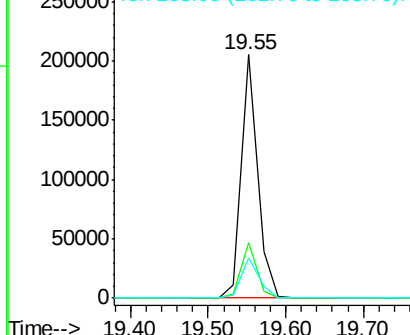
202 100

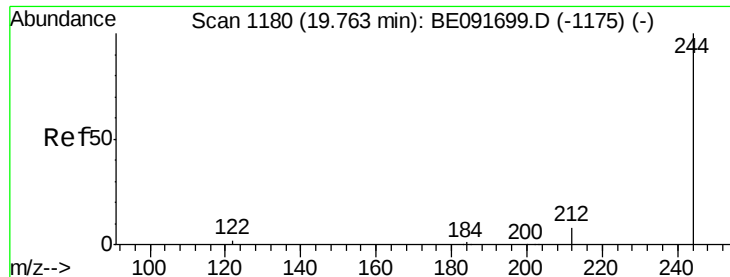
200 21.9 16.8 25.2

203 17.9 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: 4.07 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BE091707.D

Acq: 26 Apr 2016 16:53

Instrument :

BNA_E

ClientSampleId :

PB90006BS

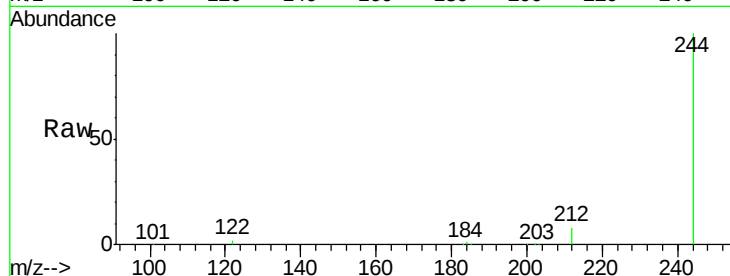
Tgt Ion:244 Resp: 195227

Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

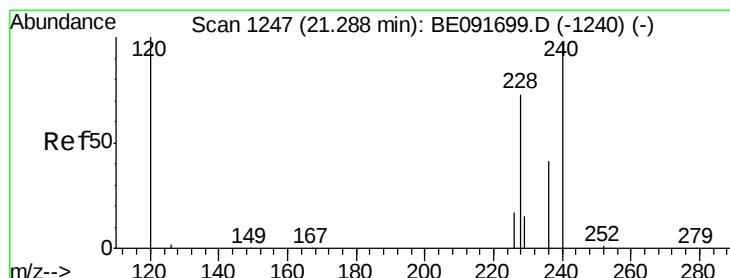
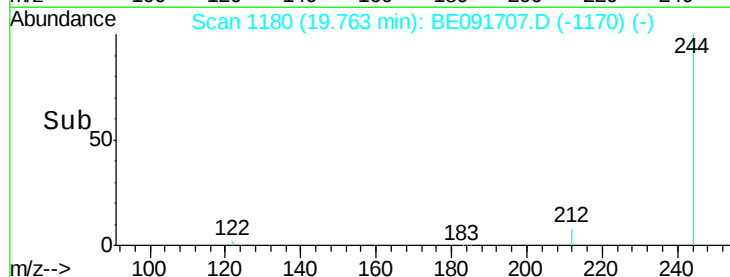
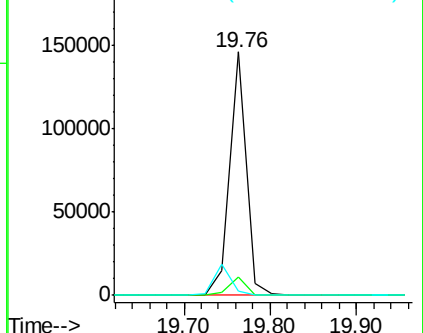
122 1.6 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 4.22 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091707.D

Acq: 26 Apr 2016 16:53

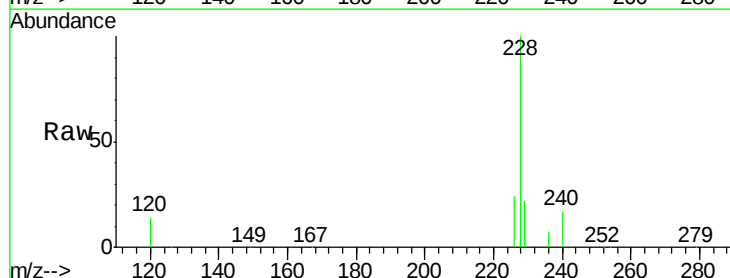
Tgt Ion:228 Resp: 316683

Ion Ratio Lower Upper

228 100

226 23.8 21.0 31.4

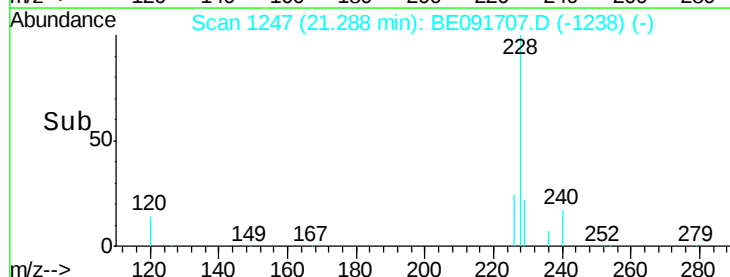
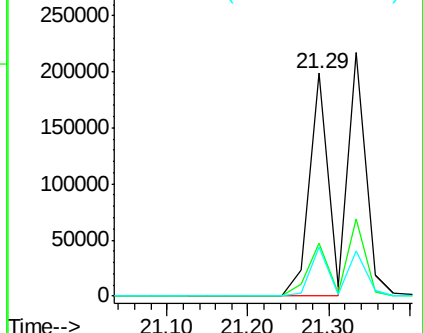
229 21.9 15.7 23.5

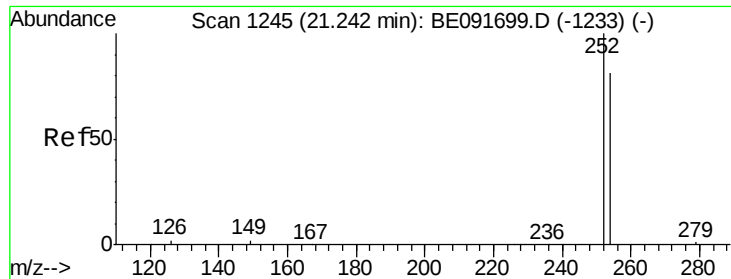


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

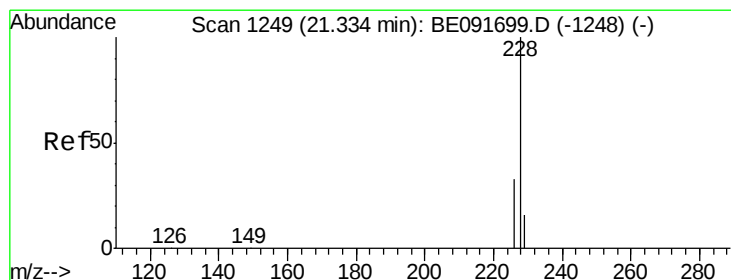
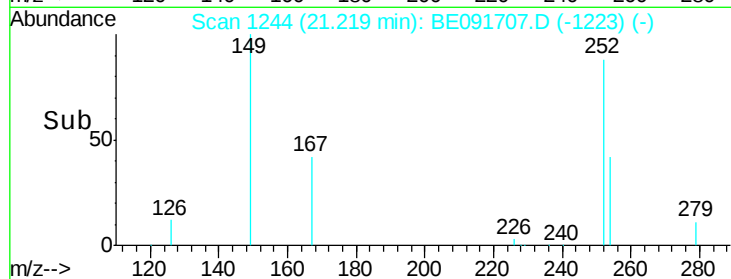
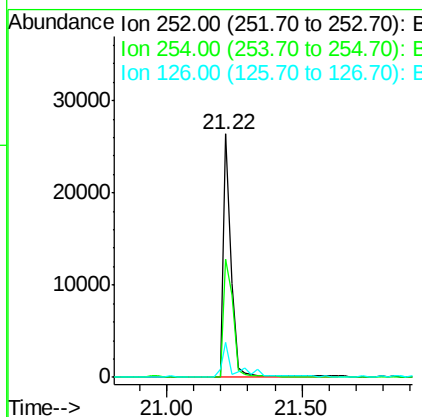
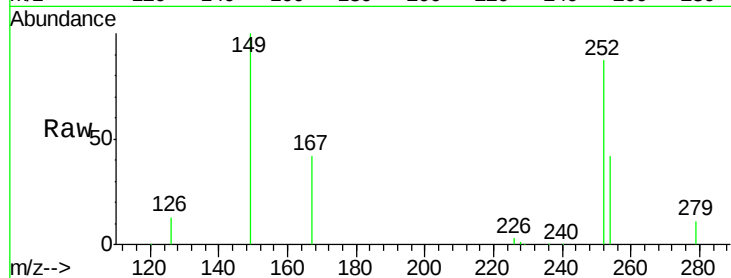




#31
 3,3'-Dichlorobenzidine
 Concen: 1.41 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091707.D
 Acq: 26 Apr 2016 16:53

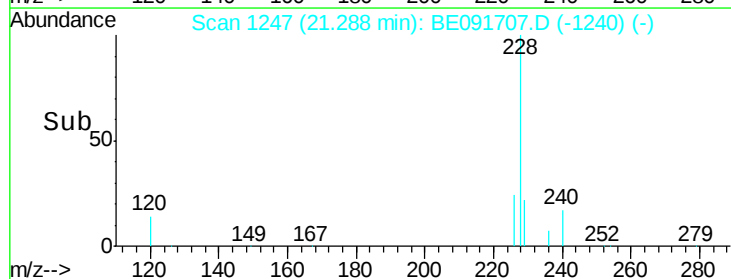
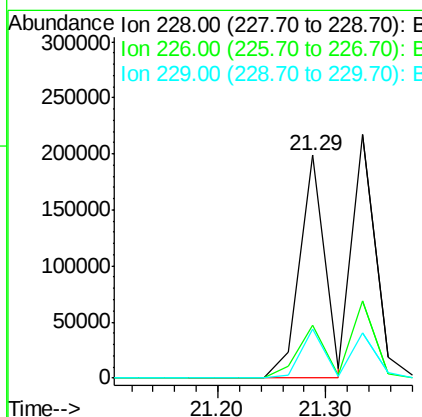
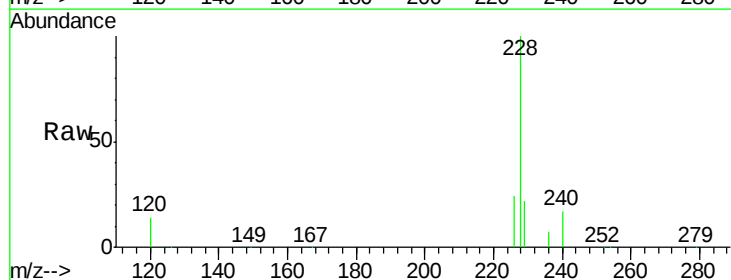
Instrument :
 BNA_E
 ClientSampleId :
 PB90006BS

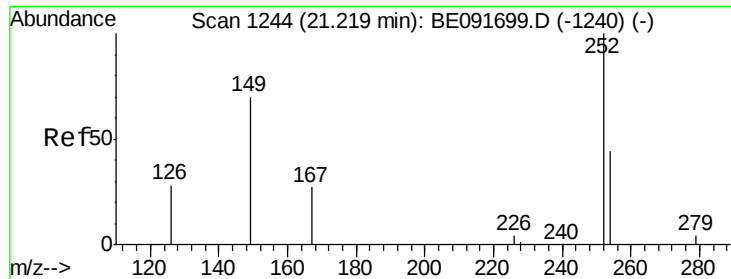
Tgt Ion: 252 Resp: 53906
 Ion Ratio Lower Upper
 252 100
 254 48.5 51.1 76.7#
 126 14.4 12.6 18.8



#32
 Chrysene
 Concen: 4.06 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BE091707.D
 Acq: 26 Apr 2016 16:53

Tgt Ion: 228 Resp: 316643
 Ion Ratio Lower Upper
 228 100
 226 23.8 24.0 36.0#
 229 21.9 15.9 23.9

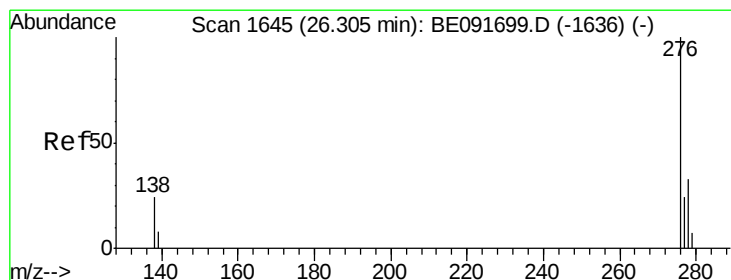
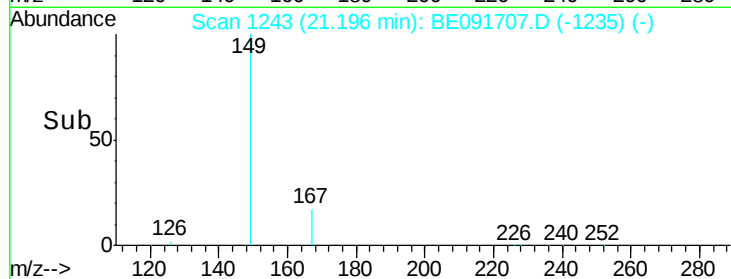
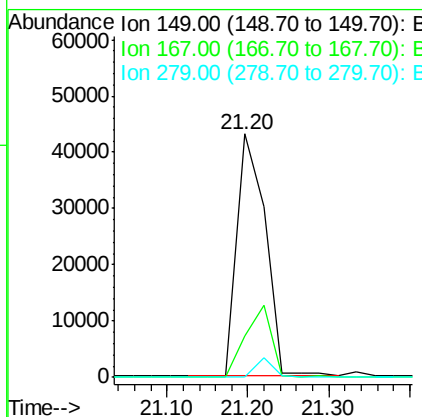
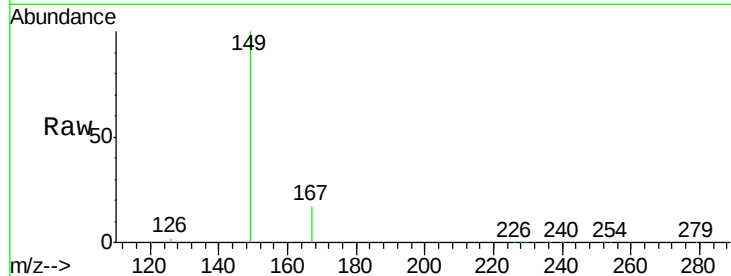




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 4.56 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091707.D
 Acq: 26 Apr 2016 16:53

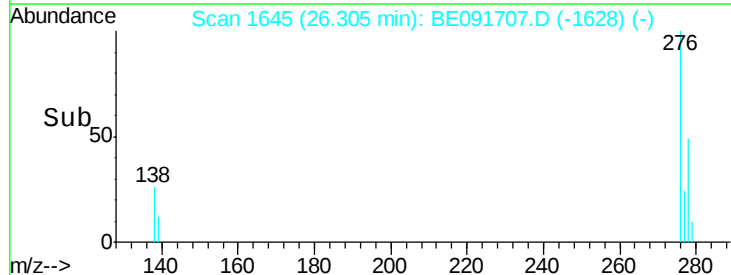
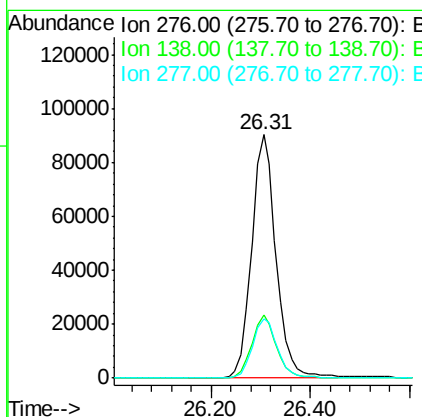
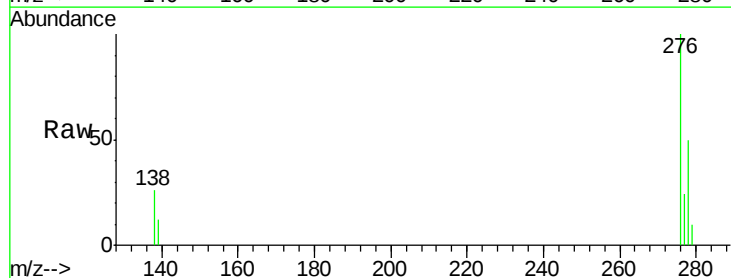
Instrument :
 BNA_E
 ClientSampleId :
 PB90006BS

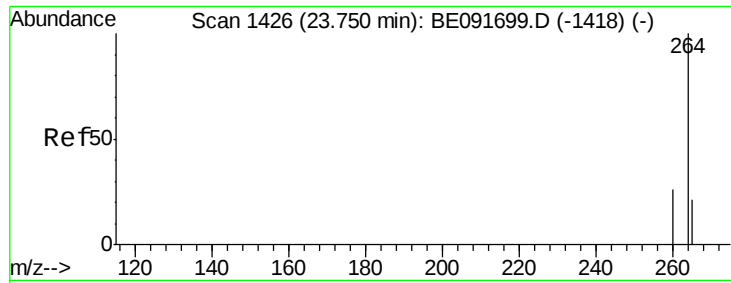
Tgt Ion:149 Resp: 103634
 Ion Ratio Lower Upper
 149 100
 167 0.0 19.5 29.3#
 279 0.0 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 4.48 ng
 RT: 26.31 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BE091707.D
 Acq: 26 Apr 2016 16:53

Tgt Ion:276 Resp: 311351
 Ion Ratio Lower Upper
 276 100
 138 26.0 23.4 35.2
 277 24.9 19.8 29.8

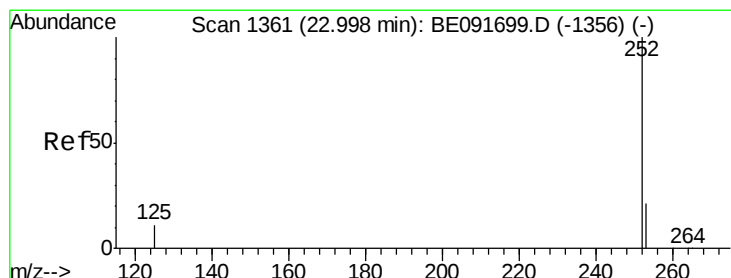
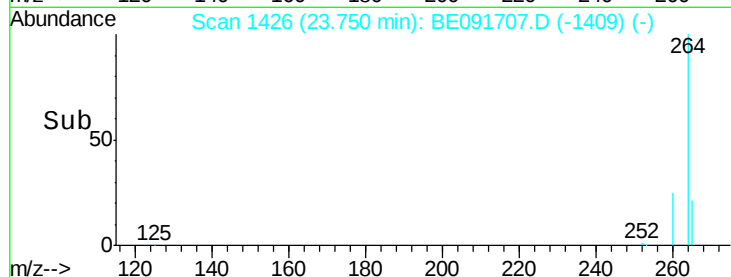
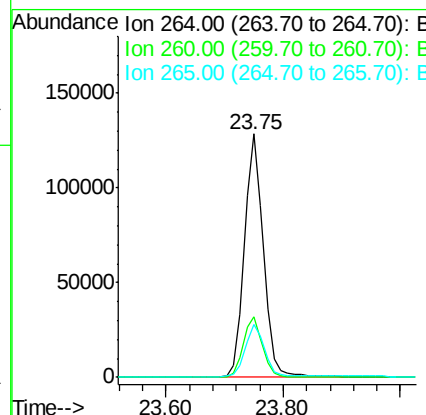
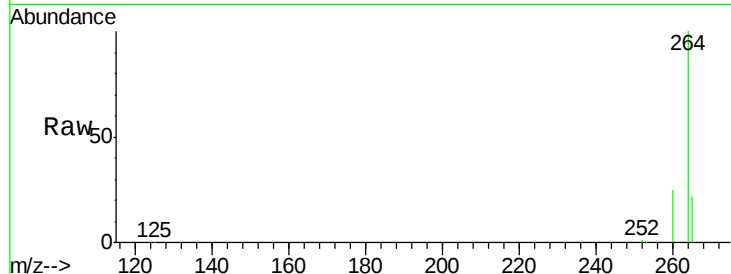




#35
Perylene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BE091707.D
Acq: 26 Apr 2016 16:53

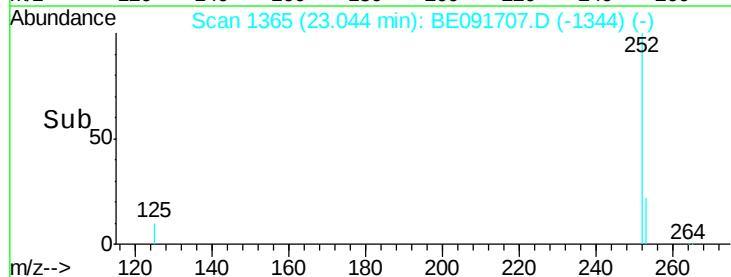
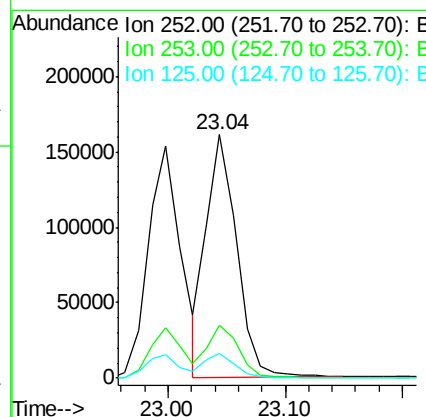
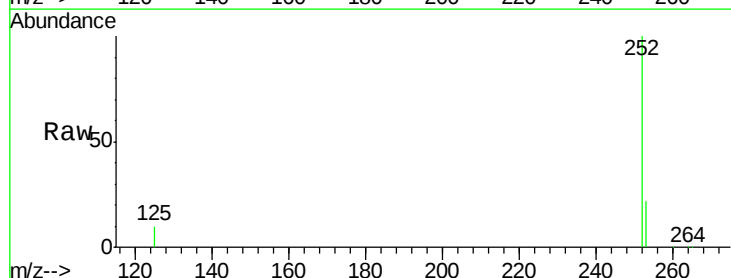
Instrument :
BNA_E
ClientSampleId :
PB90006BS

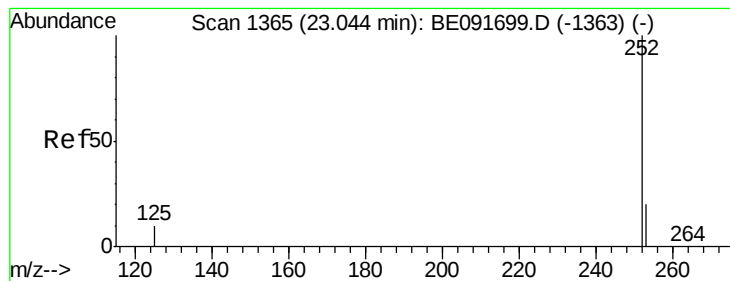
Tgt Ion: 264 Resp: 286776
Ion Ratio Lower Upper
264 100
260 24.8 20.0 30.0
265 21.6 17.5 26.3



#36
Benzo(b)fluoranthene
Concen: 4.29 ng
RT: 23.04 min Scan# 1365
Delta R.T. 0.05 min
Lab File: BE091707.D
Acq: 26 Apr 2016 16:53

Tgt Ion: 252 Resp: 288008
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.2 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 4.27 ng

RT: 23.04 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BE091707.D

Acq: 26 Apr 2016 16:53

Instrument :

BNA_E

ClientSampleId :

PB90006BS

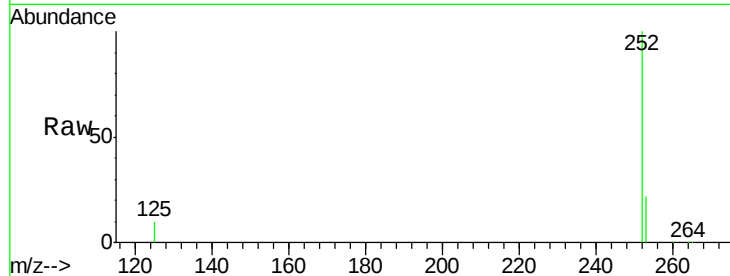
Tgt Ion:252 Resp: 291664

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

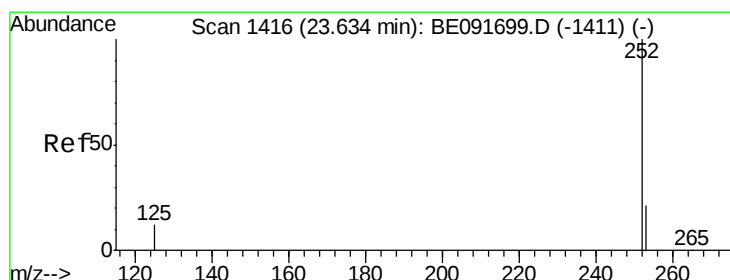
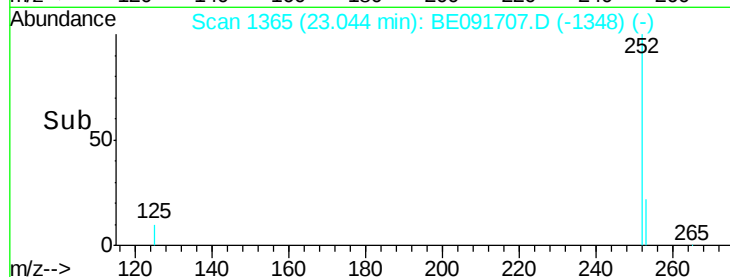
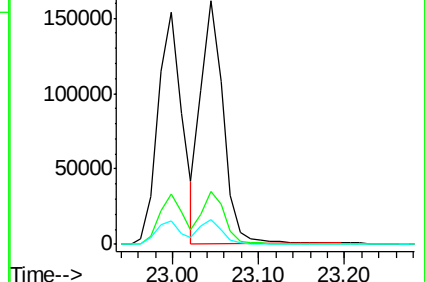
125 10.2 9.9 14.9



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: 4.37 ng

RT: 23.63 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BE091707.D

Acq: 26 Apr 2016 16:53

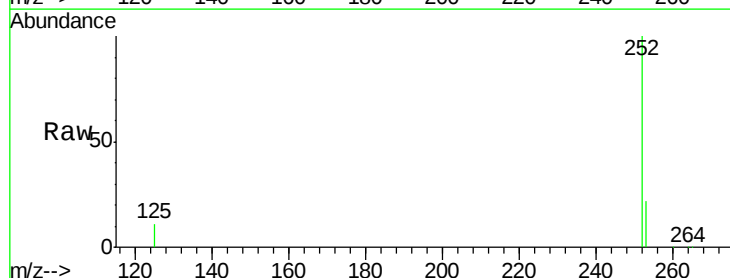
Tgt Ion:252 Resp: 276295

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

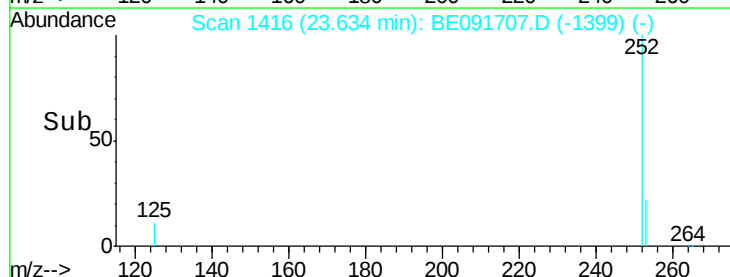
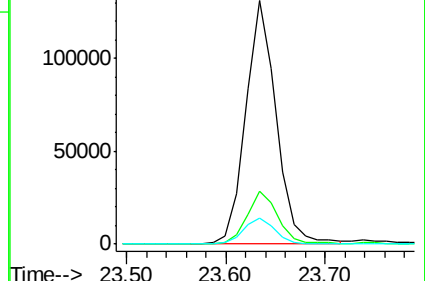
125 10.9 11.0 16.4#

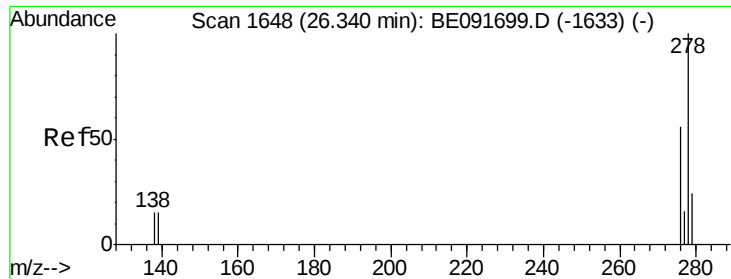


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 4.37 ng

RT: 26.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE091707.D

Acq: 26 Apr 2016 16:53

Instrument :

BNA_E

ClientSampleId :

PB90006BS

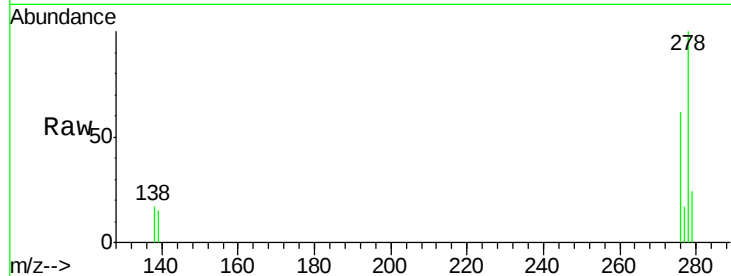
Tgt Ion: 278 Resp: 261837

Ion Ratio Lower Upper

278 100

139 15.4 16.0 24.0#

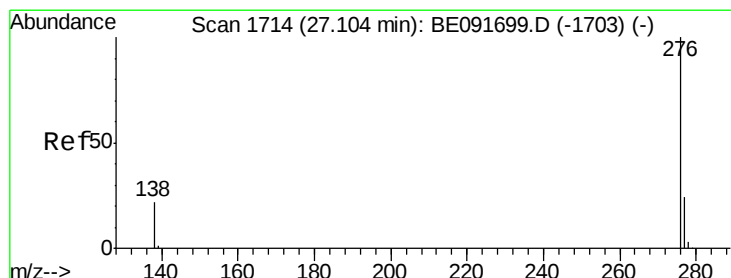
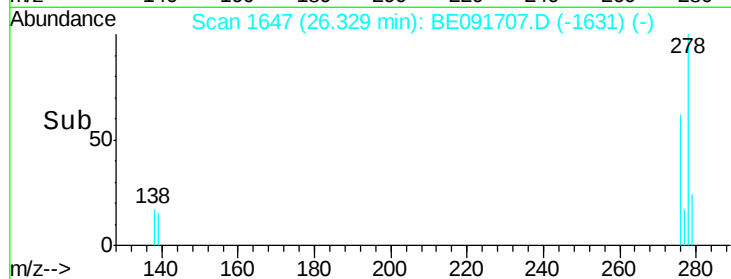
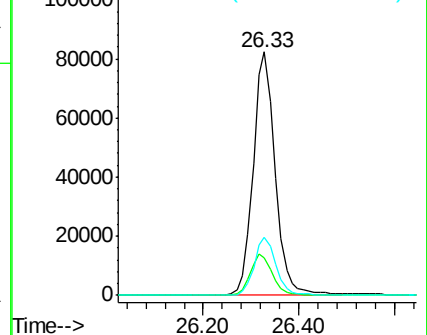
279 24.0 19.4 29.2



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: 4.29 ng

RT: 27.09 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BE091707.D

Acq: 26 Apr 2016 16:53

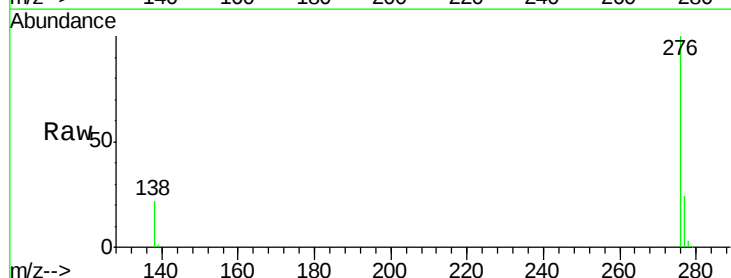
Tgt Ion: 276 Resp: 261501

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 22.4 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

