

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042016\
 Data File : BE091685.D
 Acq On : 20 Apr 2016 15:04
 Operator : UM/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 20 15:43:01 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:30:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	32317	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	150885	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	88418	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	219237	5.00	ng	0.00
26) Chrysene-d12	21.31	240	241683	5.00	ng	0.00
35) Perylene-d12	23.75	264	221897	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	5574	0.79	ng	0.00
5) Phenol-d6	6.97	99	7298	0.77	ng	0.00
8) Nitrobenzene-d5	8.96	82	6359	0.82	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	2319	1.24	ng	0.00
15) 2-Fluorobiphenyl	13.05	172	21090	0.86	ng	0.00
29) Terphenyl-d14	19.76	244	31578	0.96	ng	0.00

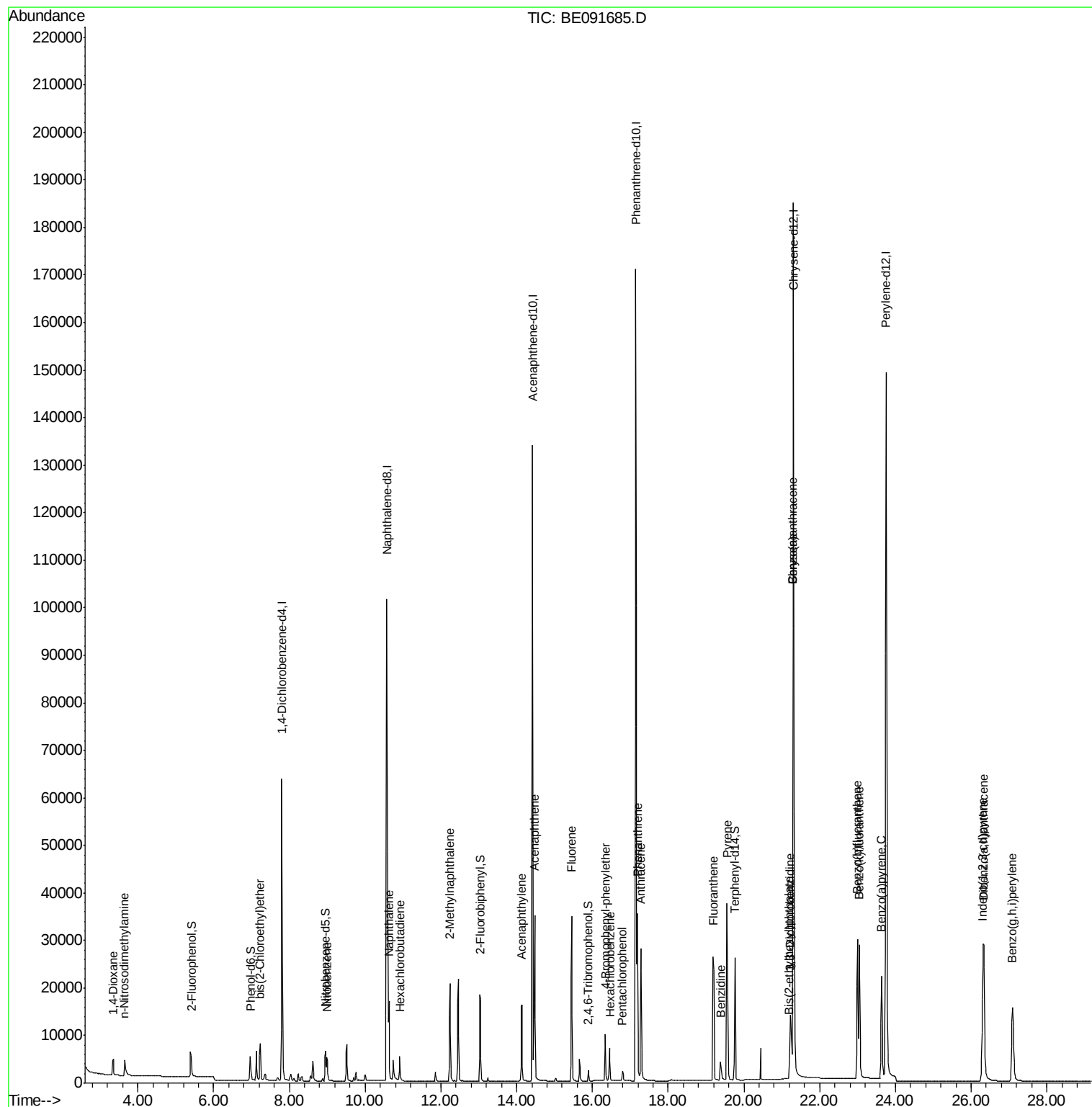
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	3244	0.78	ng	# 95
3) n-Nitrosodimethylamine	3.64	42	4028	0.87	ng	83
6) bis(2-Chloroethyl)ether	7.23	93	7126	0.82	ng	# 76
9) Nitrobenzene	8.99	77	6562	0.84	ng	97
10) Naphthalene	10.63	128	26140	0.85	ng	98
11) Hexachlorobutadiene	10.92	225	4516	1.01	ng	93
12) 2-Methylnaphthalene	12.24	142	16269	0.83	ng	98
16) Acenaphthylene	14.14	152	27341	0.84	ng	# 83
17) Acenaphthene	14.47	154	18516	0.85	ng	90
18) Fluorene	15.46	166	22291	0.84	ng	99
20) 4-Bromophenyl-phenylether	16.34	248	6135	0.81	ng	99
21) Hexachlorobenzene	16.46	284	6720	0.83	ng	96
22) Pentachlorophenol	16.79	266	1899	0.71	ng	# 90
23) Phenanthrene	17.19	178	41622	0.84	ng	99
24) Anthracene	17.28	178	36113	0.82	ng	99
25) Fluoranthene	19.20	202	40116	0.81	ng	98
27) Benzidine	19.38	184	8359	0.48	ng	# 78
28) Pyrene	19.55	202	44276	0.92	ng	99
30) Benzo(a)anthracene	21.29	228	46434	0.83	ng	97
31) 3,3'-Dichlorobenzidine	21.22	252	17033	0.78	ng	# 78
32) Chrysene	21.29	228	46410	0.82	ng	94
33) Bis(2-ethylhexyl)phthalate	21.20	149	8125	0.79	ng	# 57
34) Indeno(1,2,3-cd)pyrene	26.31	276	46978	0.91	ng	96
36) Benzo(b)fluoranthene	23.00	252	42302	0.87	ng	97
37) Benzo(k)fluoranthene	23.05	252	41820	0.81	ng	98
38) Benzo(a)pyrene	23.63	252	36830	0.81	ng	98
39) Dibenzo(a,h)anthracene	26.33	278	38739	0.87	ng	96
40) Benzo(g,h,i)perylene	27.09	276	39084	0.85	ng	96

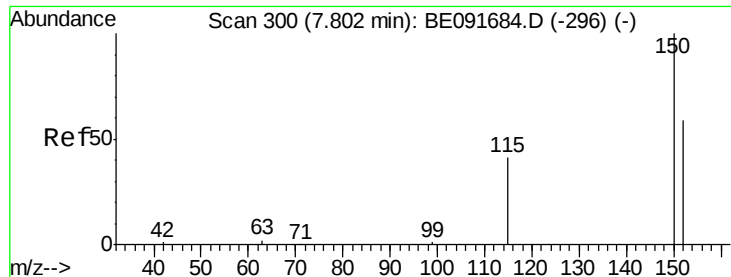
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091685.D

Acq: 20 Apr 2016 15:04

Instrument :

BNA_E

ClientSampleId :

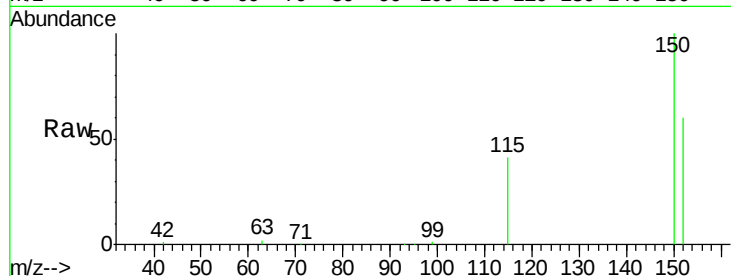
Tot Ion:152 Resp: 32317

Ion Ratio Lower Upper

152 100

150 167.0 122.6 183.8

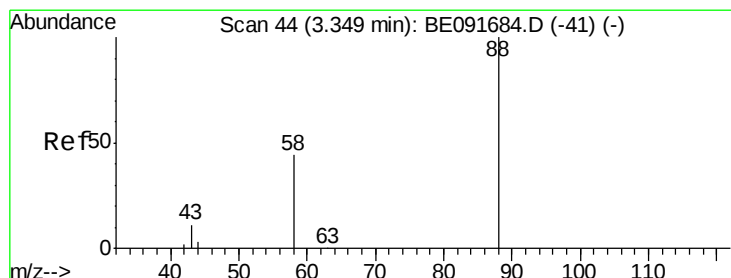
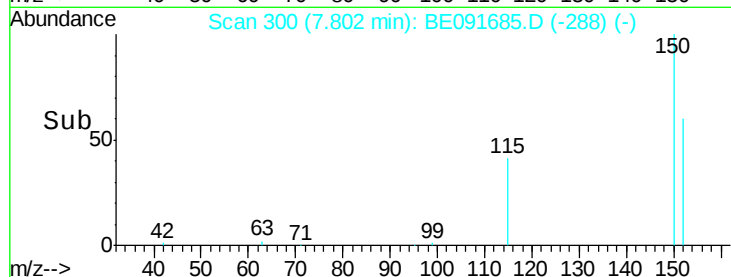
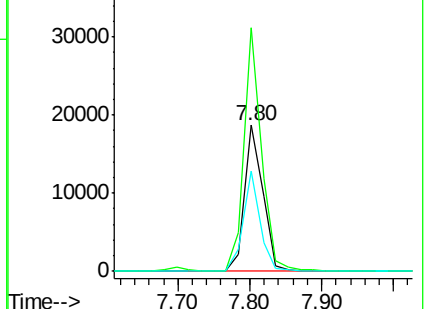
115 68.5 52.8 79.2



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: 0.78 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE091685.D

Acq: 20 Apr 2016 15:04

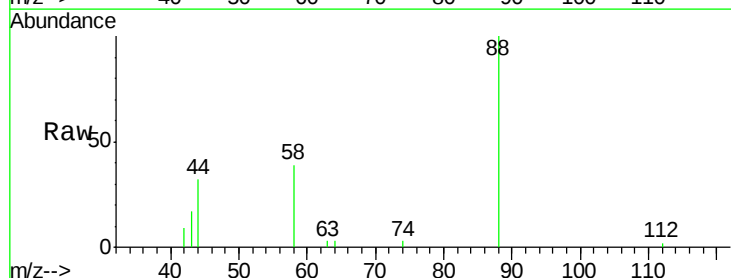
Tgt Ion: 88 Resp: 3244

Ion Ratio Lower Upper

88 100

58 83.1 65.8 98.6

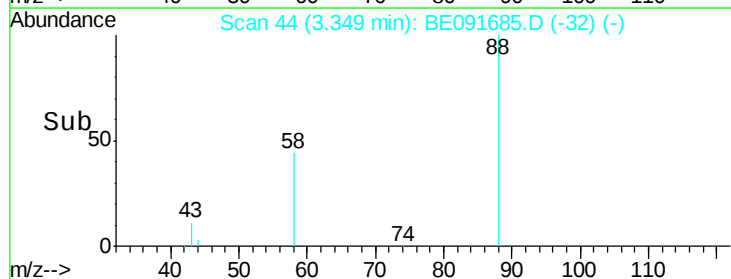
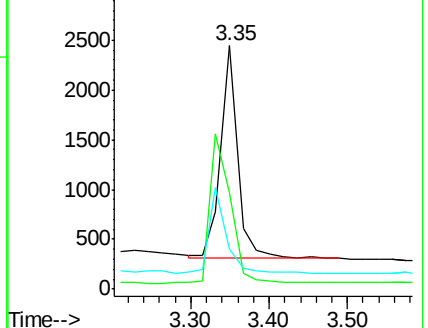
43 40.2 25.3 37.9#

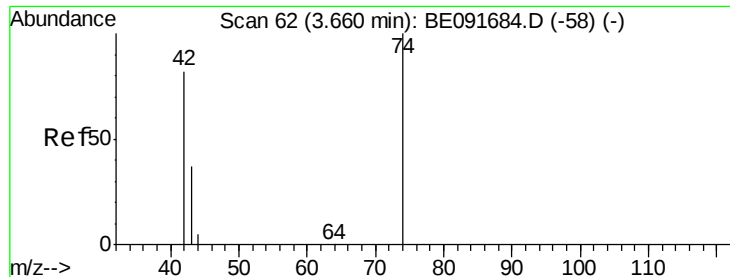


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



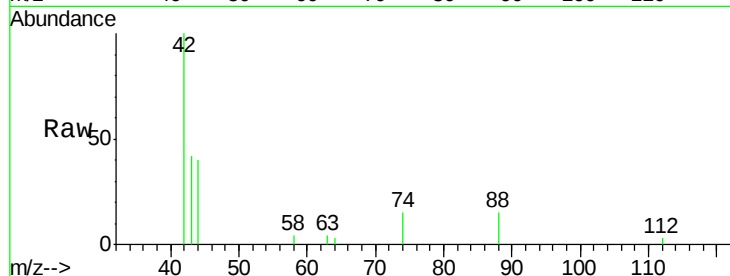


#3

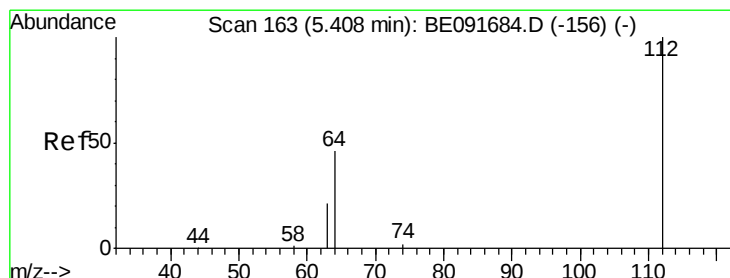
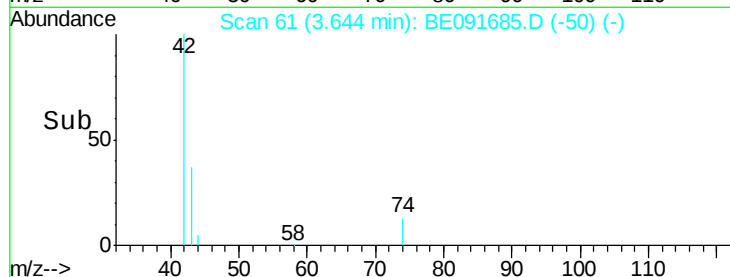
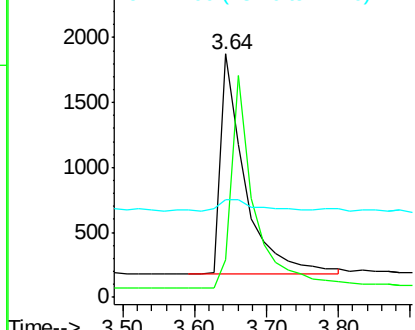
n-Nitrosodimethylamine
Concen: 0.87 ng
RT: 3.64 min Scan# 61
Delta R.T. -0.02 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 4028
Ion Ratio Lower Upper
42 100
74 91.0 87.9 131.9
44 9.4 6.6 9.8



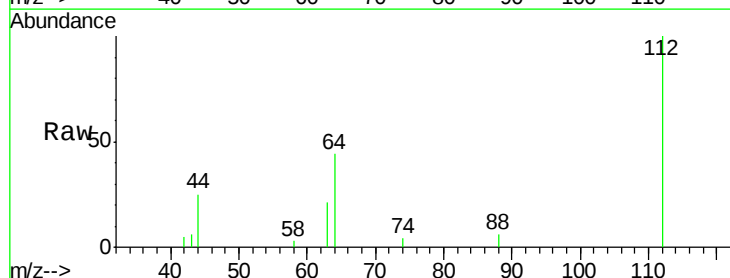
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



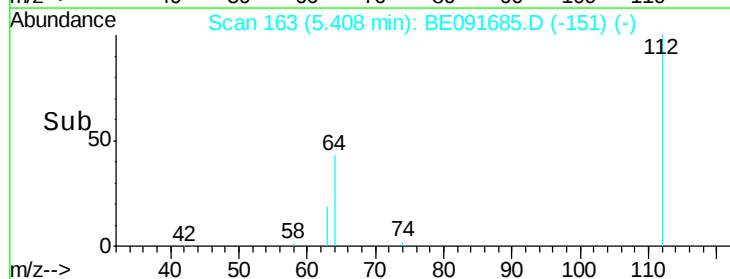
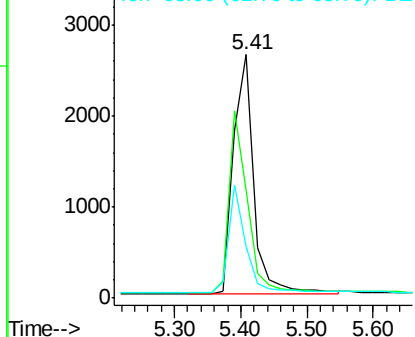
#4

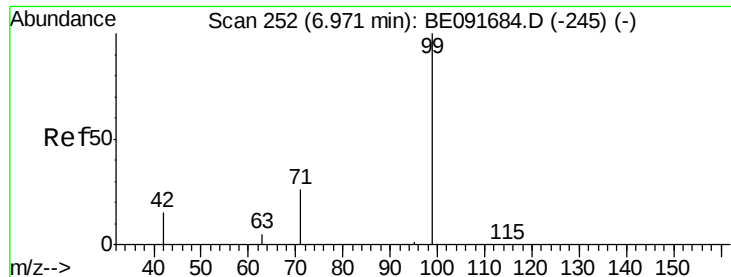
2-Fluorophenol
Concen: 0.79 ng
RT: 5.41 min Scan# 163
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion: 112 Resp: 5574
Ion Ratio Lower Upper
112 100
64 69.1 30.9 46.3#
63 37.8 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: 0.77 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091685.D

Acq: 20 Apr 2016 15:04

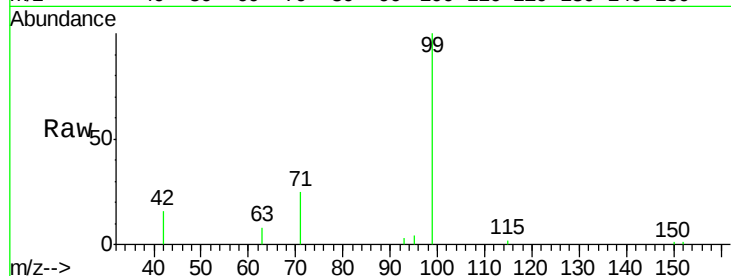
Instrument :

BNA_E

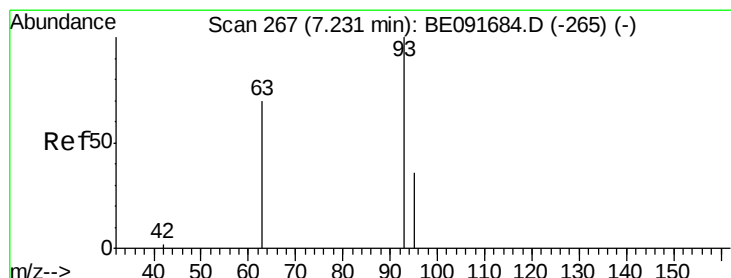
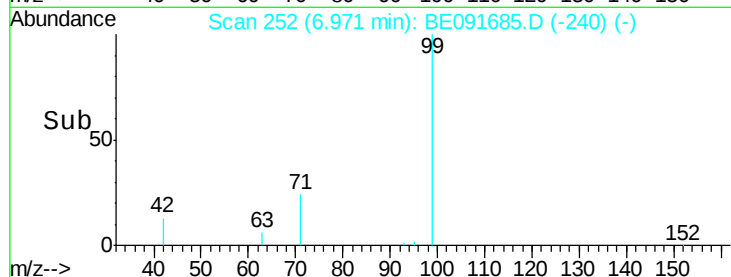
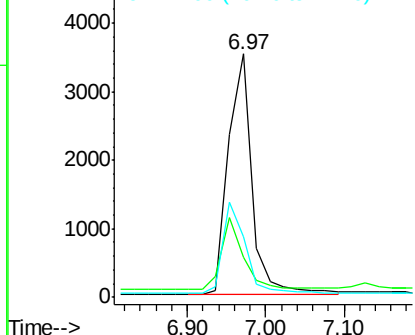
ClientSampleId :

Tot Ion: 99 Resp: 7298

Ion	Ratio	Lower	Upper
99	100		
42	27.1	16.2	24.2#
71	36.3	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: 0.82 ng

RT: 7.23 min Scan# 267

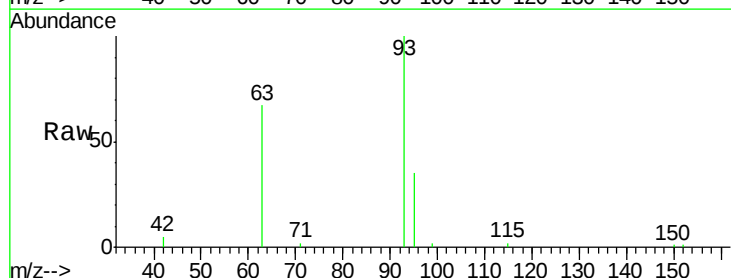
Delta R.T. -0.00 min

Lab File: BE091685.D

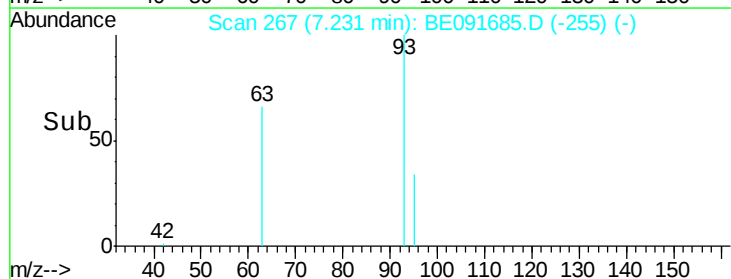
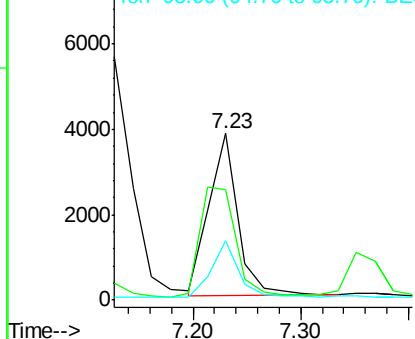
Acq: 20 Apr 2016 15:04

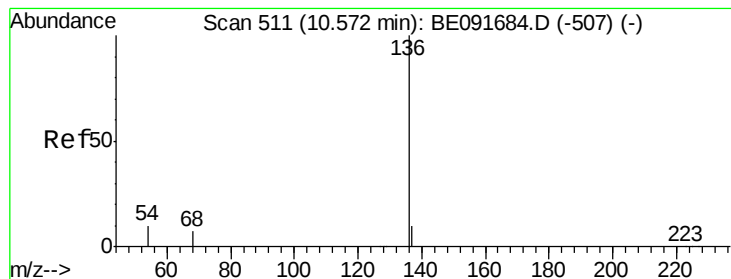
Tgt Ion: 93 Resp: 7126

Ion	Ratio	Lower	Upper
93	100		
63	85.0	49.5	74.3#
95	32.6	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: BE091685.D

Acq: 20 Apr 2016 15:04

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 150885

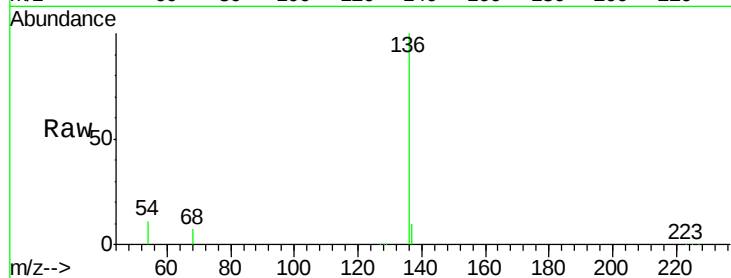
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 10.7 8.2 12.4

68 7.3 6.2 9.4

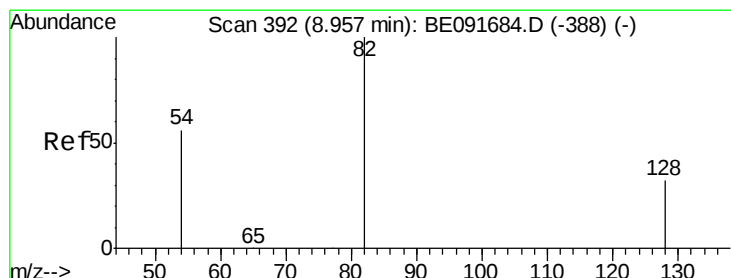
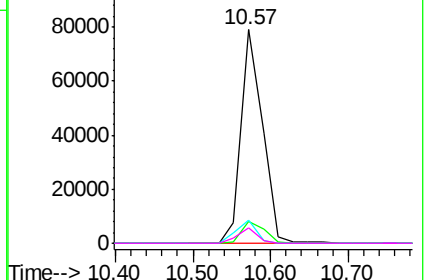
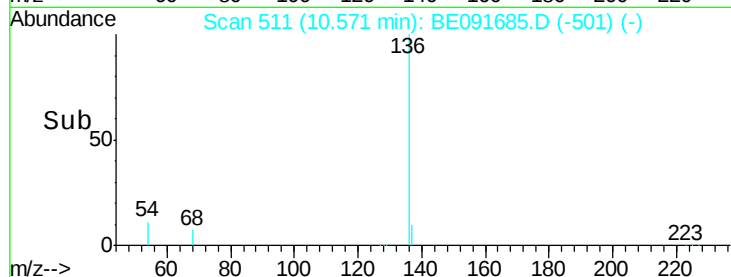


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.82 ng

RT: 8.96 min Scan# 392

Delta R.T. 0.00 min

Lab File: BE091685.D

Acq: 20 Apr 2016 15:04

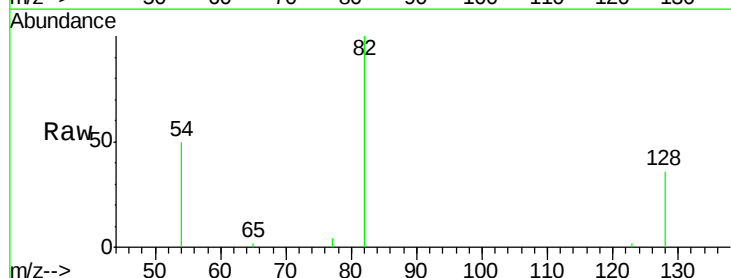
Tgt Ion: 82 Resp: 6359

Ion Ratio Lower Upper

82 100

128 36.0 25.4 38.0

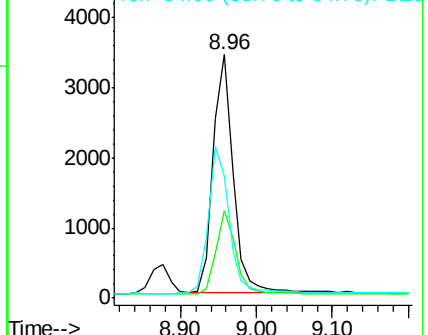
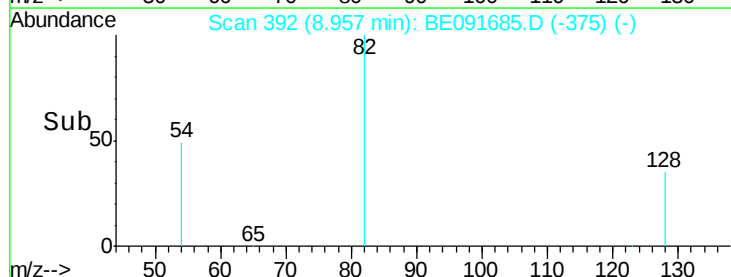
54 49.9 48.4 72.6

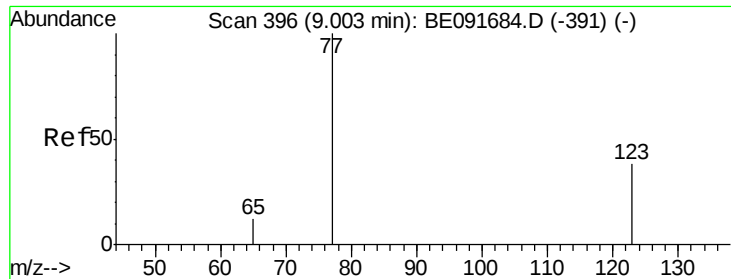


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.84 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.01 min

Lab File: BE091685.D

Acq: 20 Apr 2016 15:04

Instrument :

BNA_E

ClientSampleId :

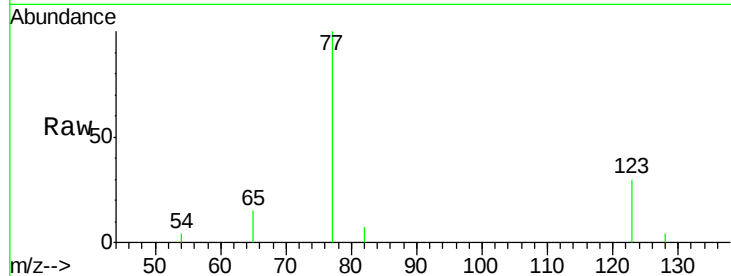
Tot Ion: 77 Resp: 6562

Ion Ratio Lower Upper

77 100

123 35.0 26.9 40.3

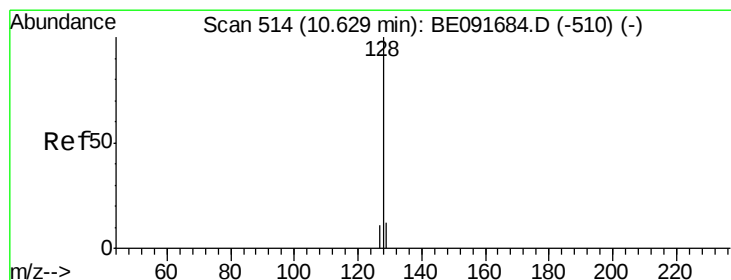
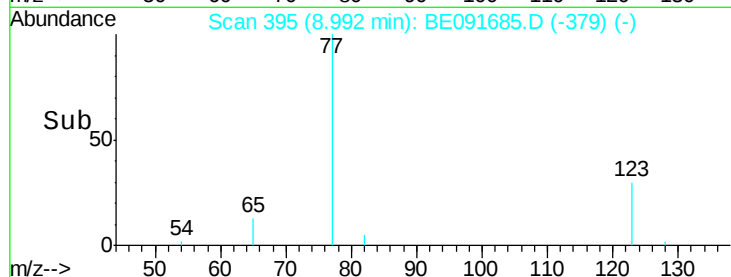
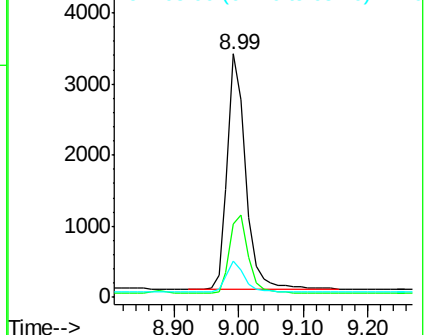
65 13.3 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE091685.D (-391) (-)

Ion 123.00 (122.70 to 123.70): BE091685.D (-391) (-)

Ion 65.00 (64.70 to 65.70): BE091685.D (-391) (-)



#10

Naphthalene

Concen: 0.85 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE091685.D

Acq: 20 Apr 2016 15:04

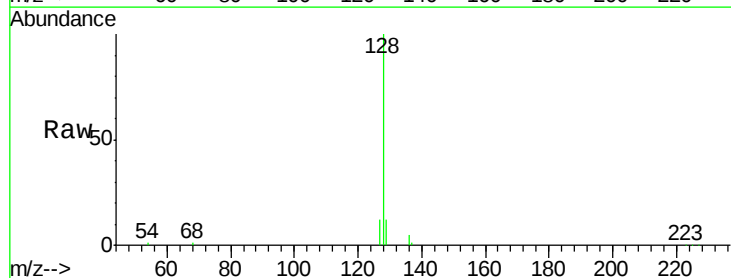
Tgt Ion: 128 Resp: 26140

Ion Ratio Lower Upper

128 100

129 11.9 9.3 13.9

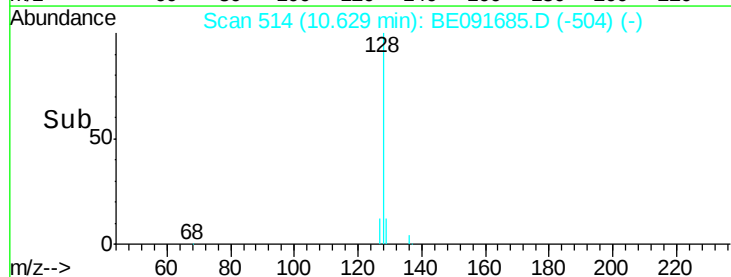
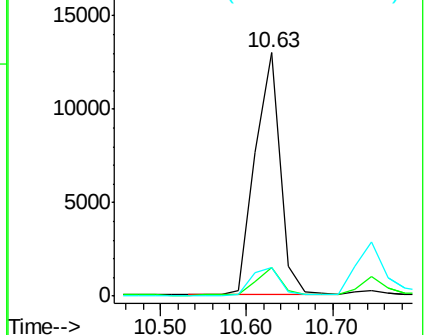
127 11.9 10.7 16.1

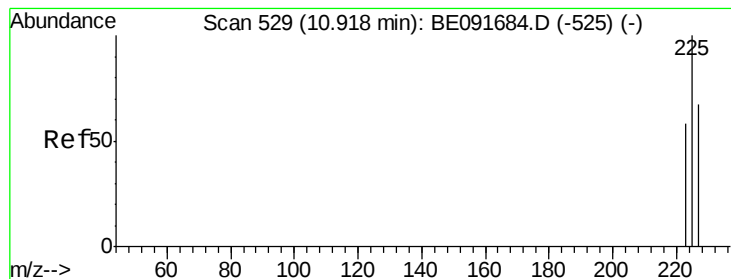


Abundance Ion 128.00 (127.70 to 128.70): BE091685.D (-510) (-)

Ion 129.00 (128.70 to 129.70): BE091685.D (-510) (-)

Ion 127.00 (126.70 to 127.70): BE091685.D (-510) (-)





#11

Hexachlorobutadiene

Concen: 1.01 ng

RT: 10.92 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE091685.D

Acq: 20 Apr 2016 15:04

Instrument :

BNA_E

ClientSampleId :

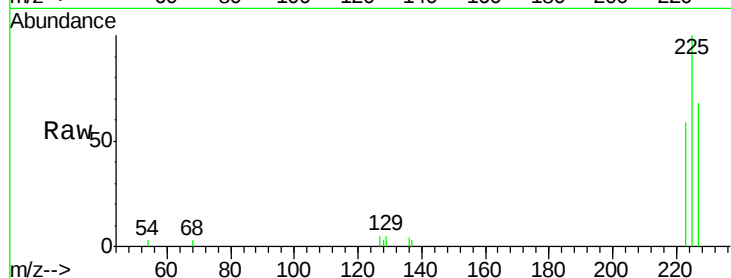
Tot Ion:225 Resp: 4516

Ion Ratio Lower Upper

225 100

223 67.4 49.0 73.6

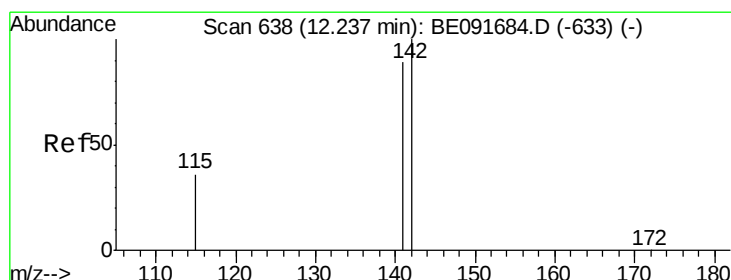
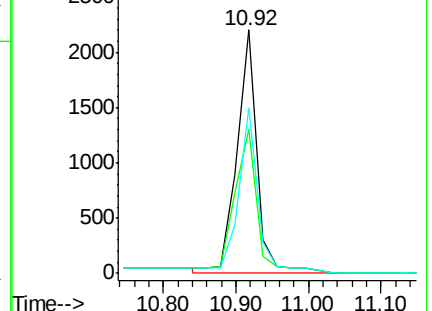
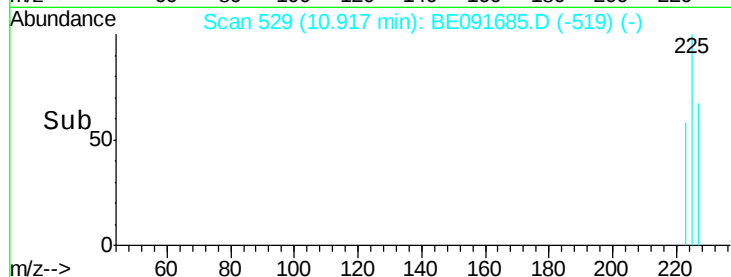
227 67.0 50.3 75.5



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: 0.83 ng

RT: 12.24 min Scan# 638

Delta R.T. -0.00 min

Lab File: BE091685.D

Acq: 20 Apr 2016 15:04

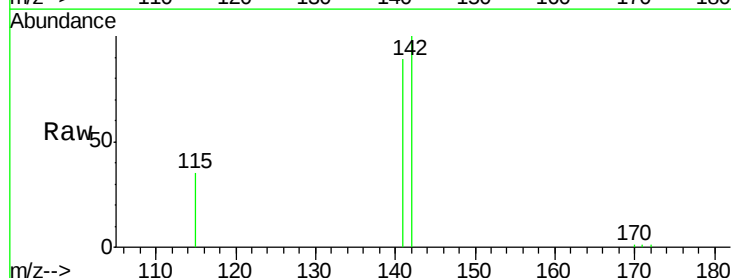
Tgt Ion:142 Resp: 16269

Ion Ratio Lower Upper

142 100

141 88.6 71.4 107.0

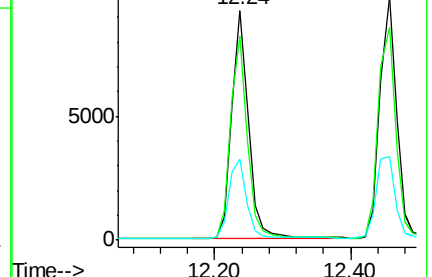
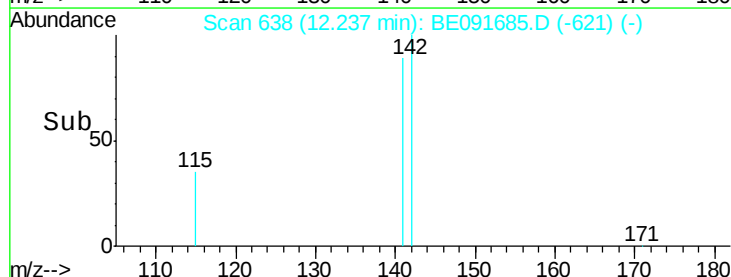
115 35.0 30.3 45.5

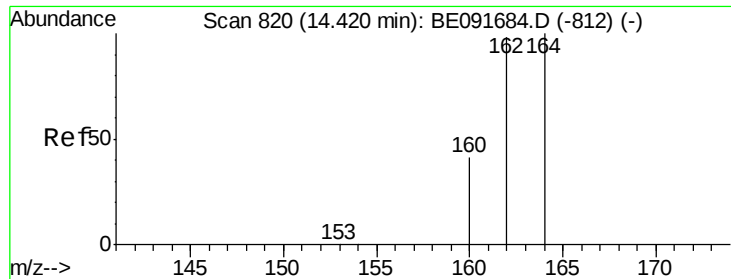


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. 0.00 min

Lab File: BE091685.D

Acq: 20 Apr 2016 15:04

Instrument :

BNA_E

ClientSampleId :

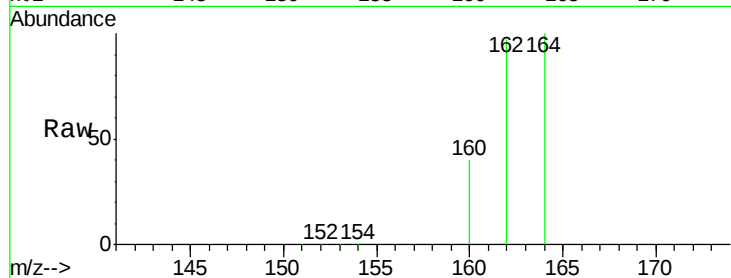
Tot Ion:164 Resp: 88418

Ion Ratio Lower Upper

164 100

162 97.1 85.3 127.9

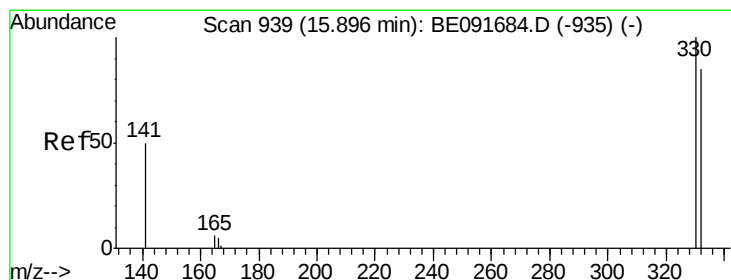
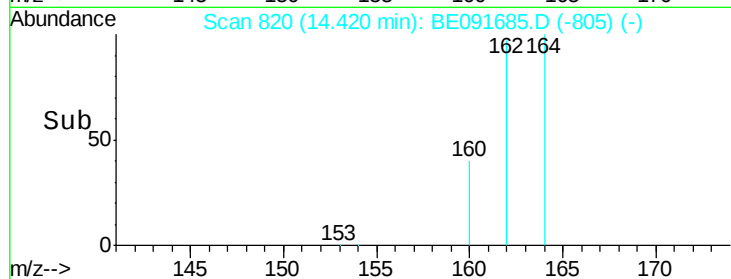
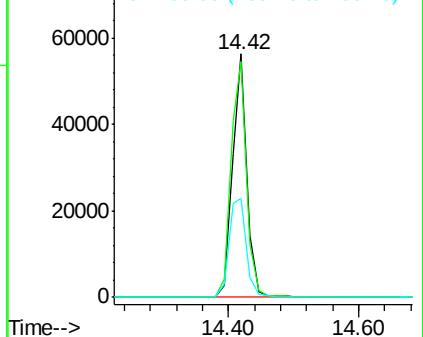
160 40.5 46.2 69.2#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 1.24 ng

RT: 15.90 min Scan# 939

Delta R.T. 0.00 min

Lab File: BE091685.D

Acq: 20 Apr 2016 15:04

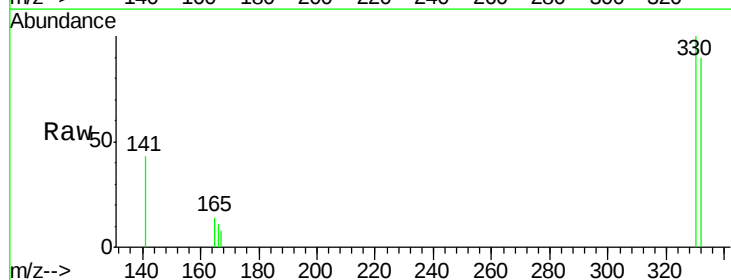
Tgt Ion:330 Resp: 2319

Ion Ratio Lower Upper

330 100

332 95.7 79.1 118.7

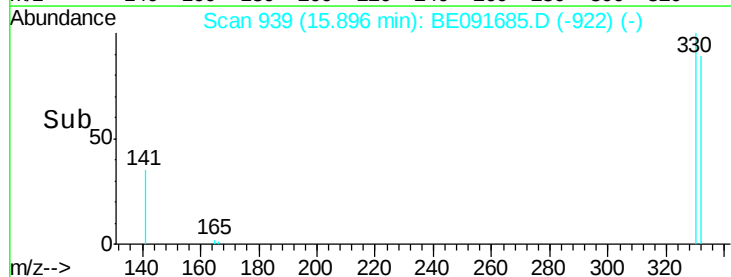
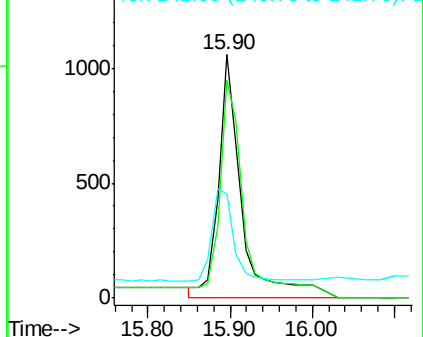
141 32.5 125.4 188.0#

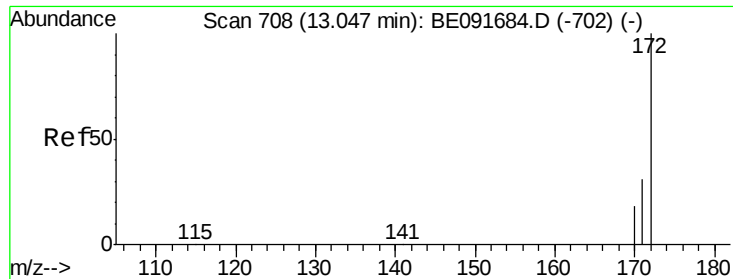


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

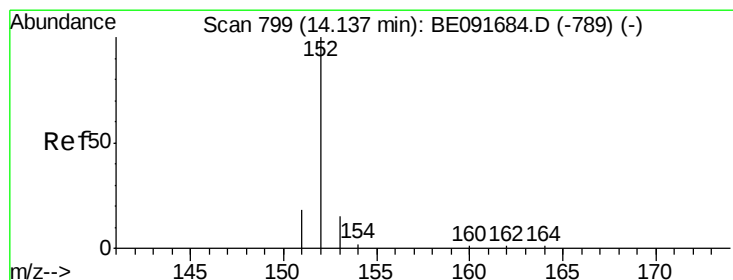
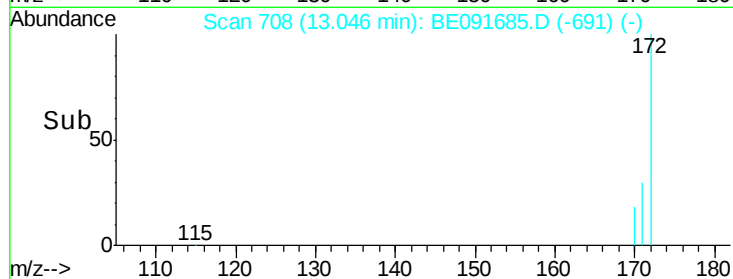
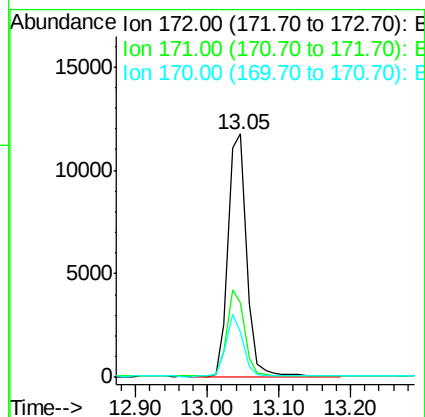
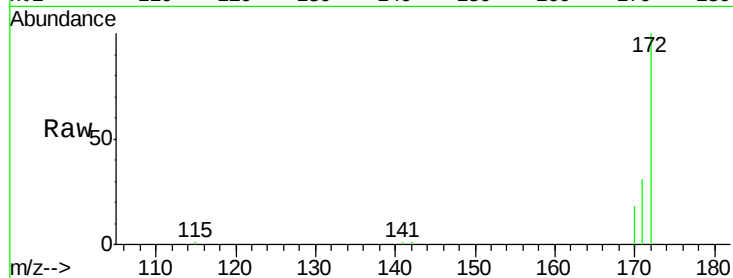




#15
2-Fluorobiphenyl
Concen: 0.86 ng
RT: 13.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

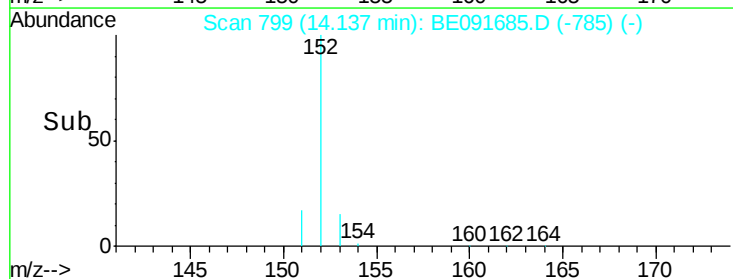
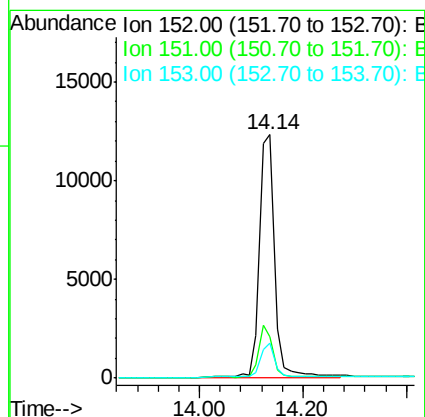
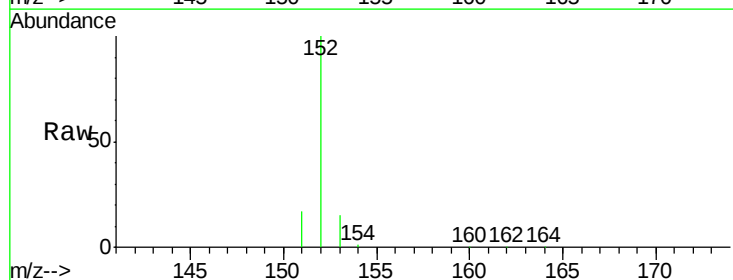
Instrument :
BNA_E
ClientSampleId :

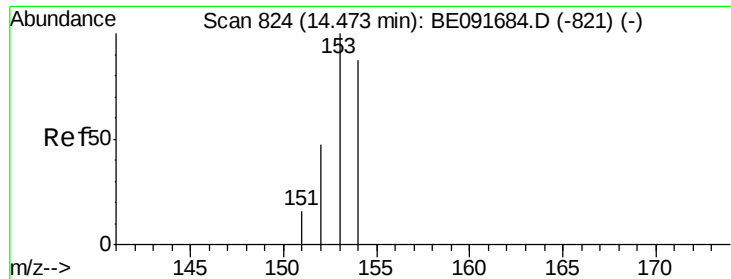
Tot Ion:172 Resp: 21090
Ion Ratio Lower Upper
172 100
171 30.5 28.8 43.2
170 18.3 19.3 28.9#



#16
Acenaphthylene
Concen: 0.84 ng
RT: 14.14 min Scan# 799
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion:152 Resp: 27341
Ion Ratio Lower Upper
152 100
151 18.5 3.9 5.9#
153 15.9 10.3 15.5#

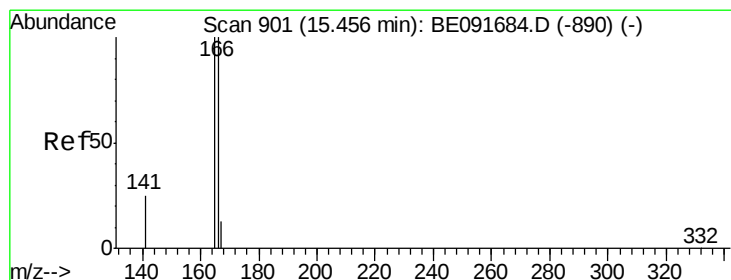
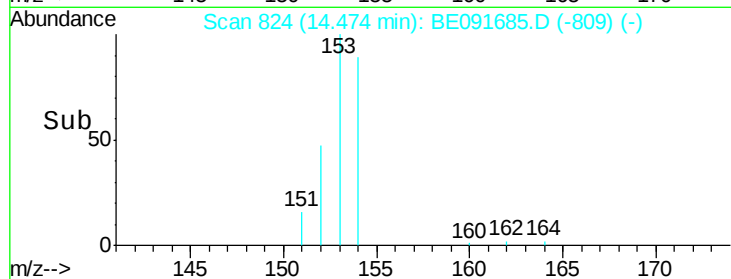
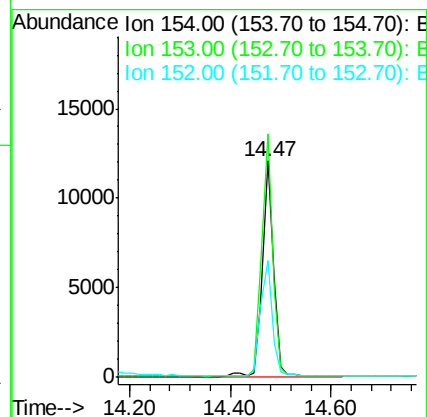
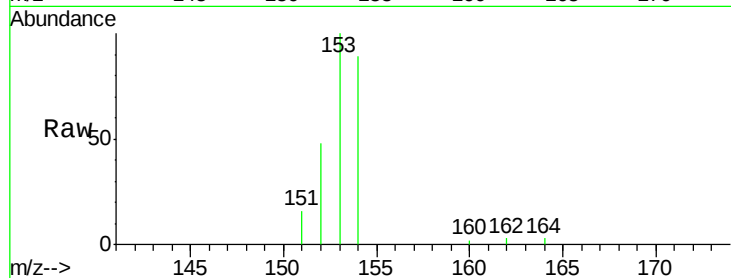




#17
Acenaphthene
Concen: 0.85 ng
RT: 14.47 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

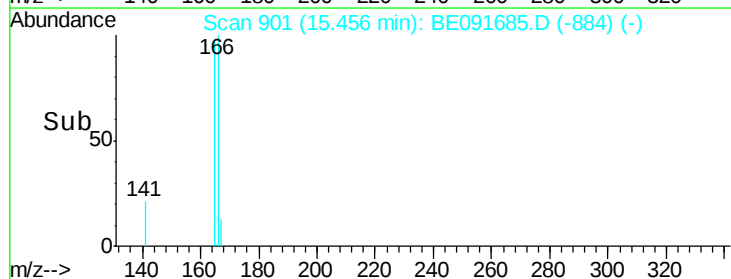
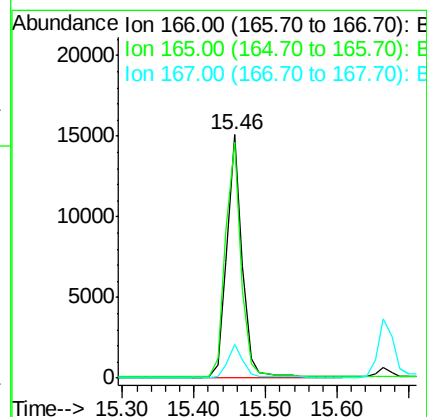
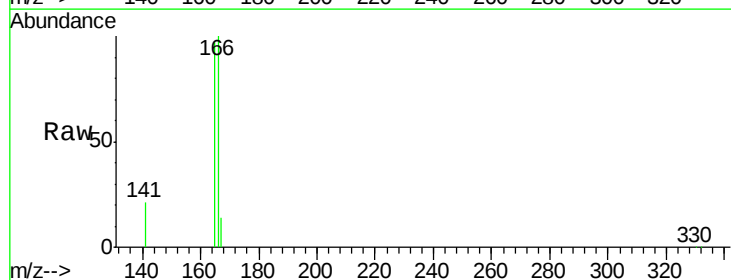
Instrument :
BNA_E
ClientSampleId :

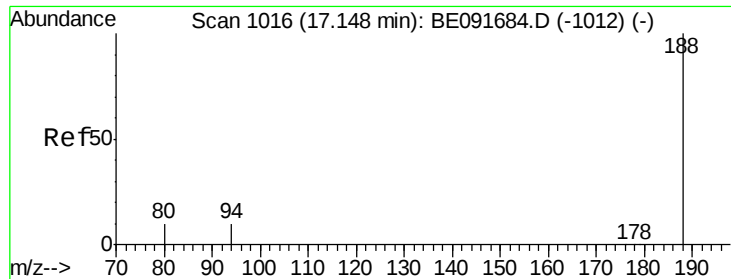
Tot Ion:154 Resp: 18516
Ion Ratio Lower Upper
154 100
153 111.5 80.0 120.0
152 55.2 40.0 60.0



#18
Fluorene
Concen: 0.84 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion:166 Resp: 22291
Ion Ratio Lower Upper
166 100
165 99.9 80.8 121.2
167 13.5 10.9 16.3

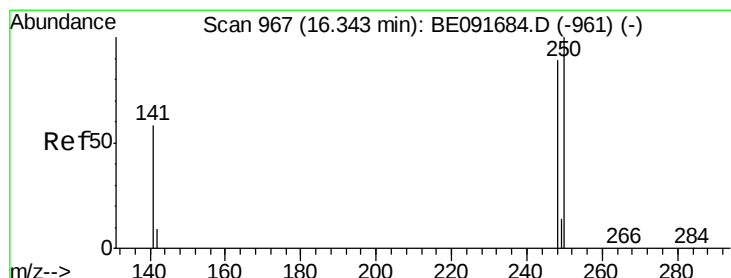
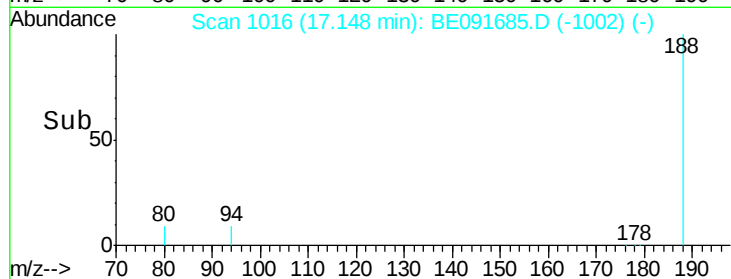
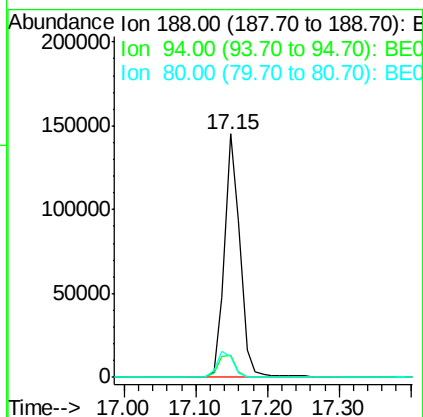
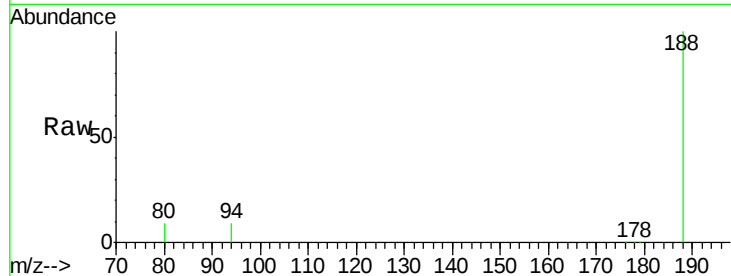




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

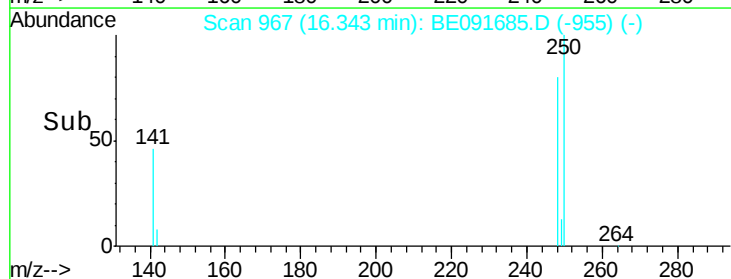
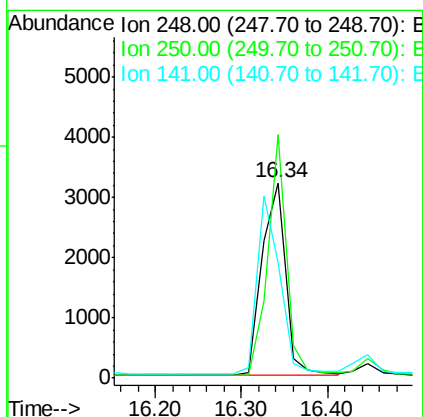
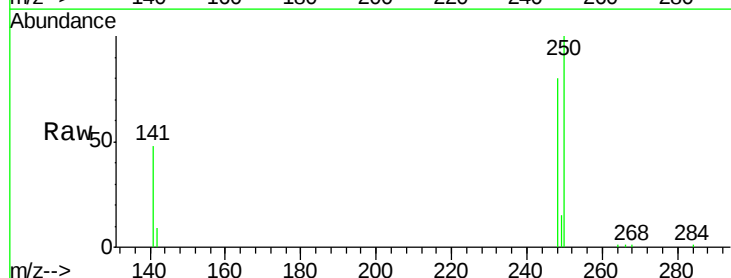
Instrument :
BNA_E
ClientSampleId :

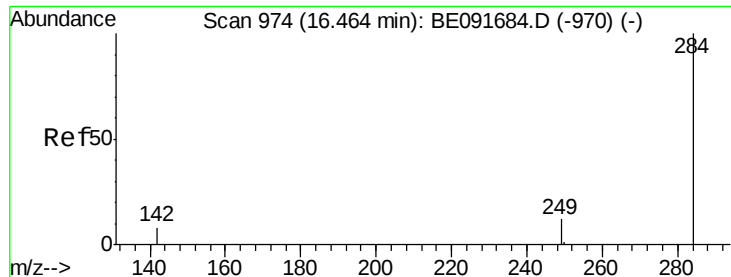
Tot Ion:188 Resp: 219237
Ion Ratio Lower Upper
188 100
94 8.9 8.7 13.1
80 8.7 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 0.81 ng
RT: 16.34 min Scan# 967
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion:248 Resp: 6135
Ion Ratio Lower Upper
248 100
250 99.9 80.5 120.7
141 88.1 72.0 108.0

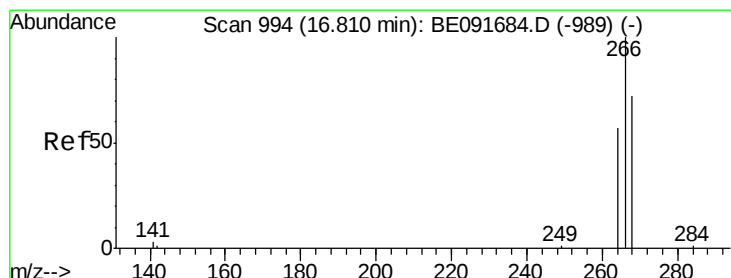
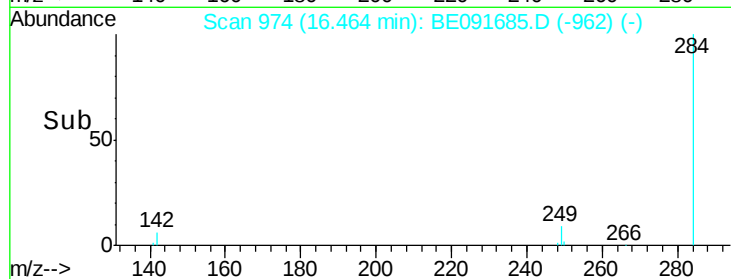
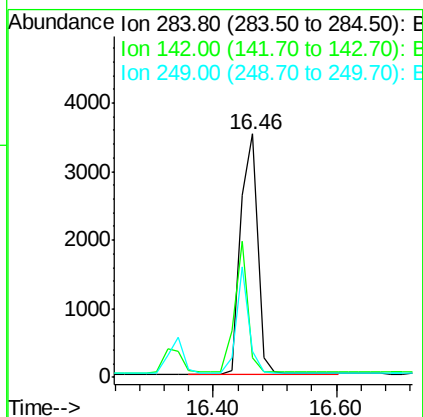
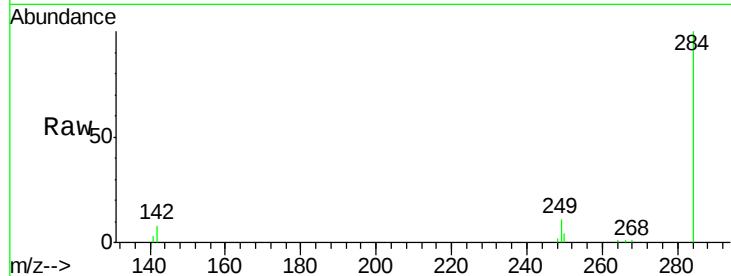




#21
Hexachlorobenzene
Concen: 0.83 ng
RT: 16.46 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

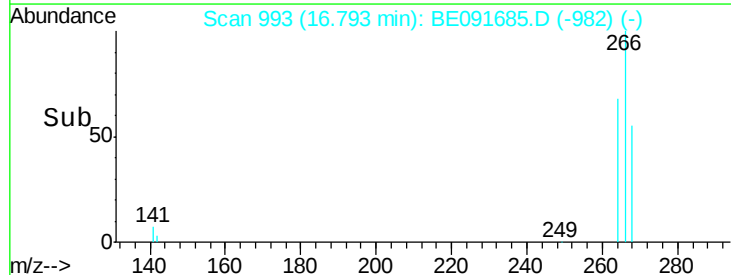
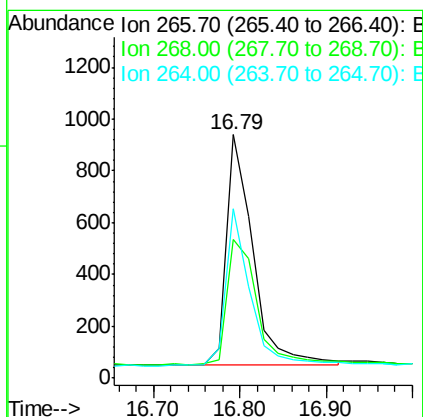
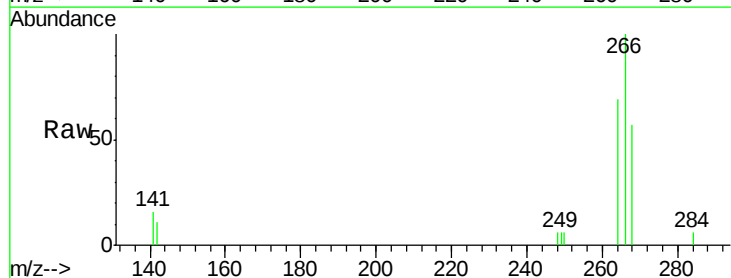
Instrument :
BNA_E
ClientSampleId :

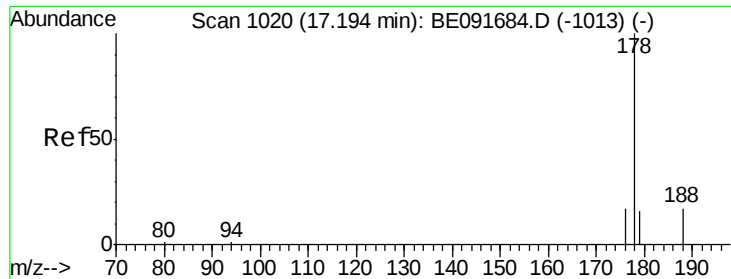
Tot Ion:284 Resp: 6720
Ion Ratio Lower Upper
284 100
142 43.1 32.2 48.2
249 33.2 25.4 38.2



#22
Pentachlorophenol
Concen: 0.71 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.02 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion:266 Resp: 1899
Ion Ratio Lower Upper
266 100
268 57.1 58.2 87.2#
264 69.4 56.2 84.4

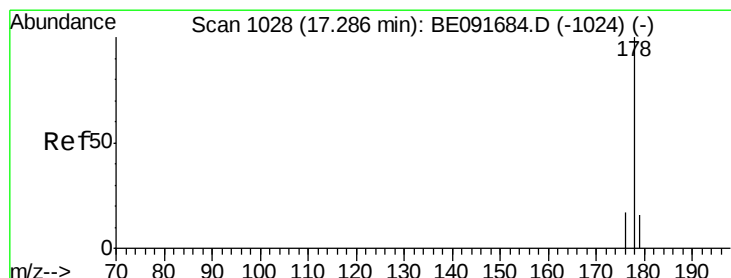
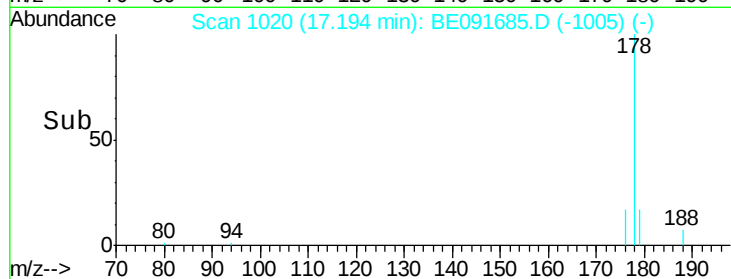
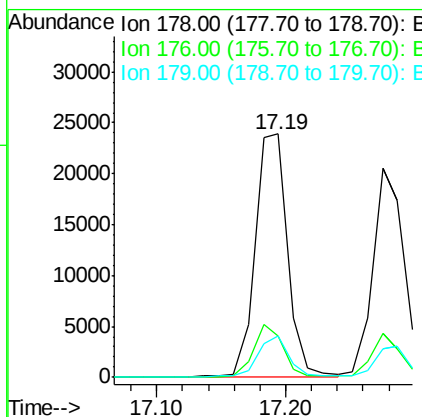
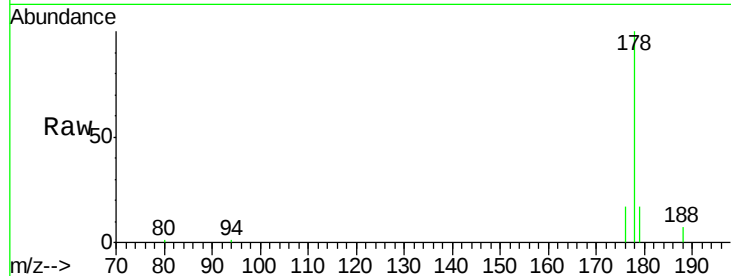




#23
Phenanthrene
Concen: 0.84 ng
RT: 17.19 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

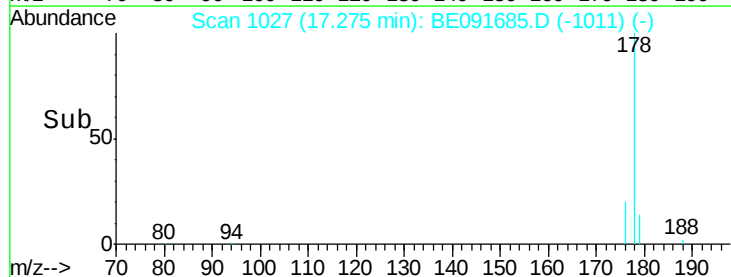
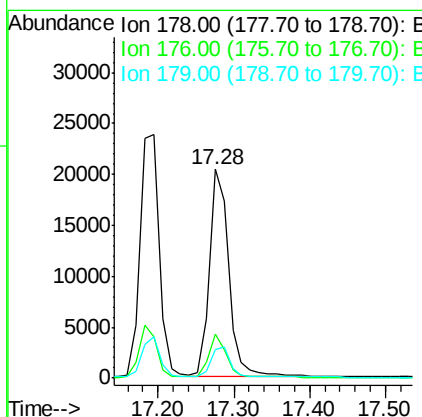
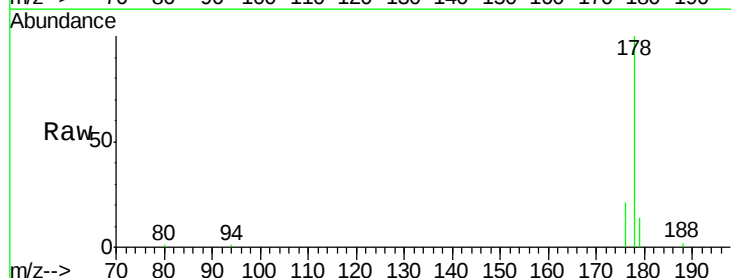
Instrument :
BNA_E
ClientSampleId :

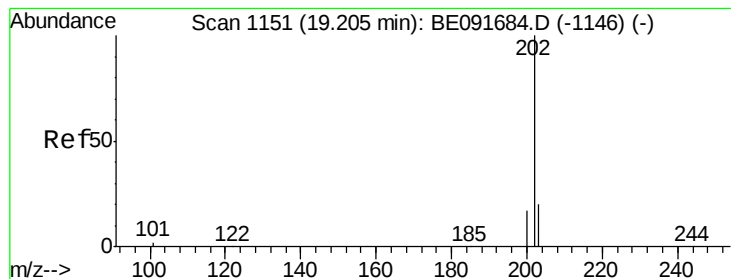
Tot Ion:178 Resp: 41622
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.8 12.6 18.8



#24
Anthracene
Concen: 0.82 ng
RT: 17.28 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion:178 Resp: 36113
Ion Ratio Lower Upper
178 100
176 18.9 14.6 21.8
179 15.1 11.8 17.6





#25

Fluoranthene

Concen: 0.81 ng

RT: 19.20 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE091685.D

Acq: 20 Apr 2016 15:04

Instrument :

BNA_E

ClientSampleId :

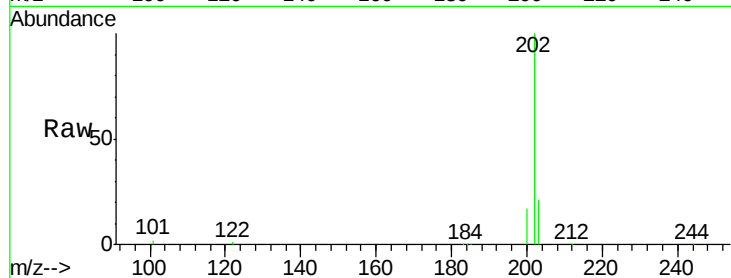
Tot Ion:202 Resp: 40116

Ion Ratio Lower Upper

202 100

101 12.0 11.0 16.6

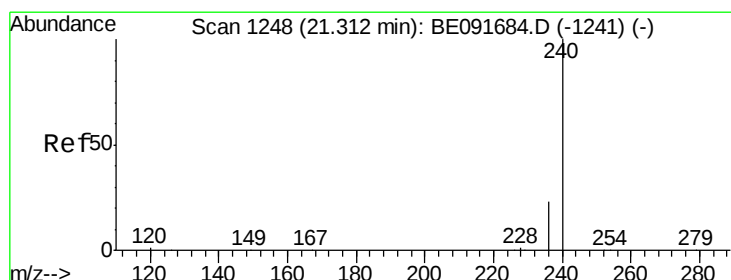
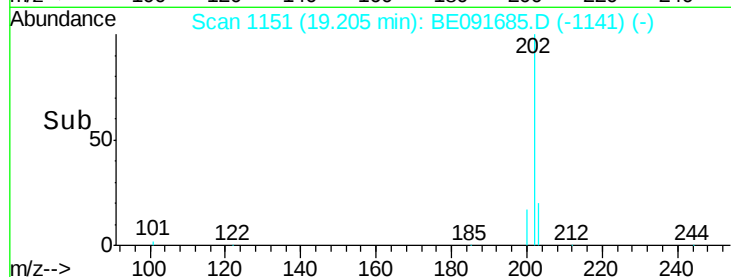
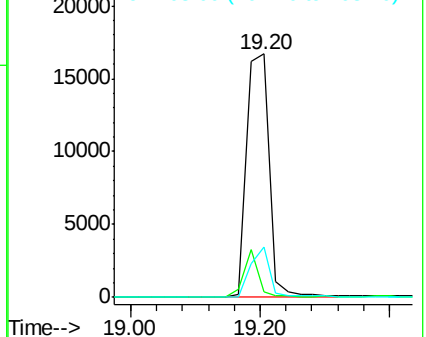
203 17.5 13.9 20.9



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: BE091685.D

Acq: 20 Apr 2016 15:04

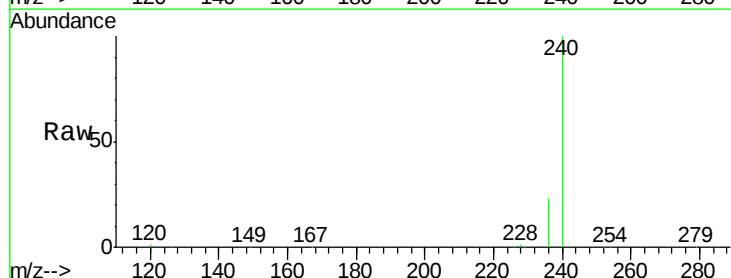
Tgt Ion:240 Resp: 241683

Ion Ratio Lower Upper

240 100

120 1.2 11.0 16.4#

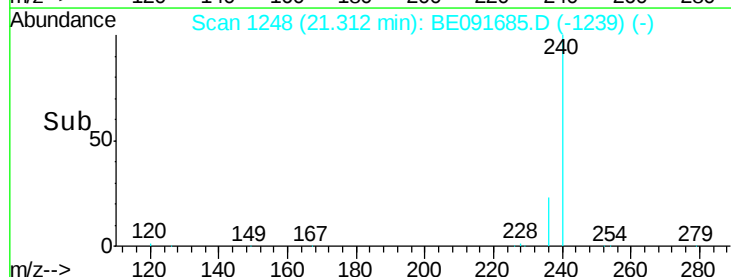
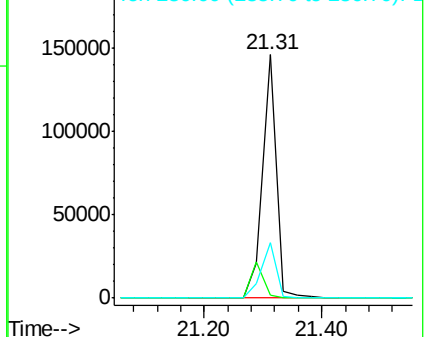
236 22.7 21.7 32.5

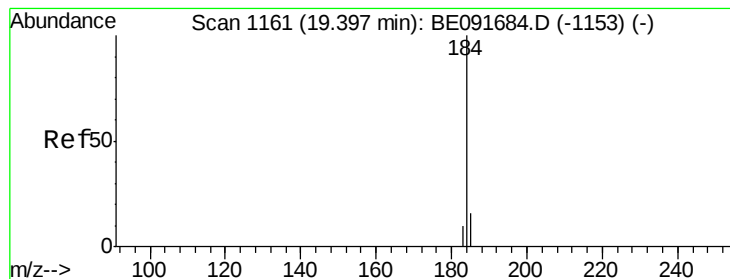


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.48 ng

RT: 19.38 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BE091685.D

Acq: 20 Apr 2016 15:04

Instrument :

BNA_E

ClientSampleId :

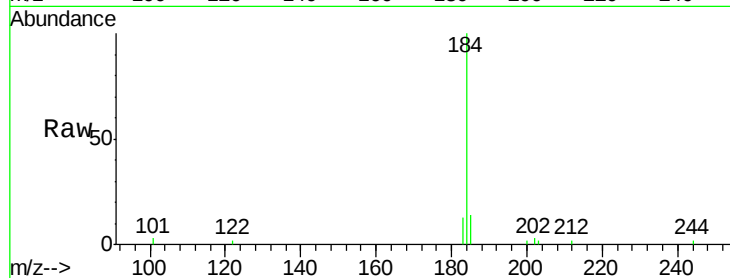
Tot Ion:184 Resp: 8359

Ion Ratio Lower Upper

184 100

185 14.3 22.3 33.5#

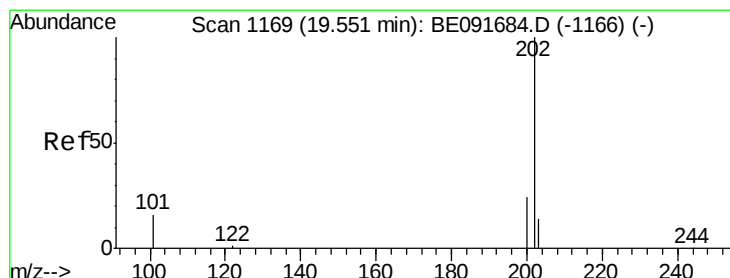
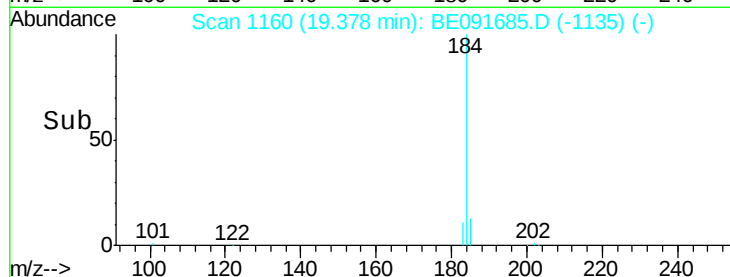
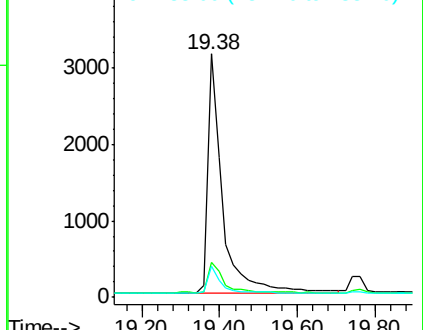
183 12.9 16.4 24.6#



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: 0.92 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091685.D

Acq: 20 Apr 2016 15:04

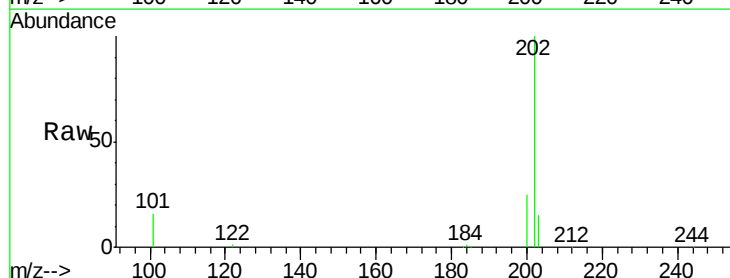
Tgt Ion:202 Resp: 44276

Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

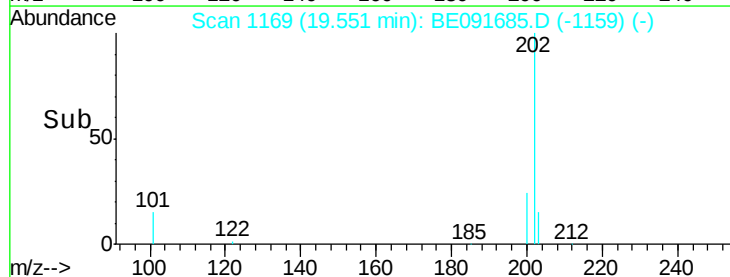
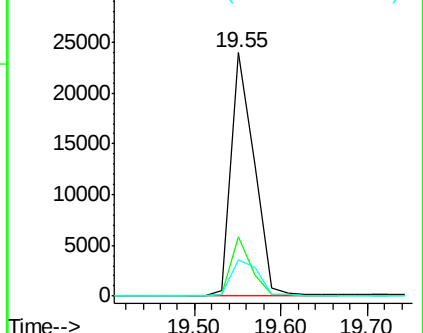
203 17.4 14.0 21.0

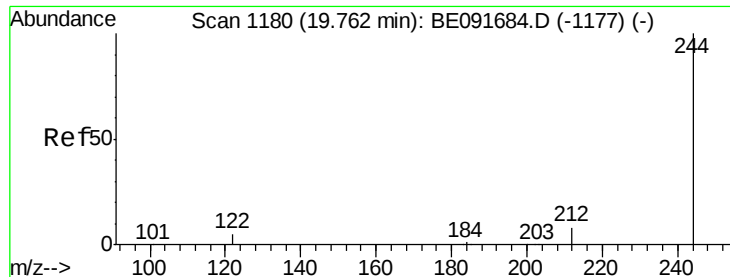


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.96 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091685.D

Acq: 20 Apr 2016 15:04

Instrument :

BNA_E

ClientSampleId :

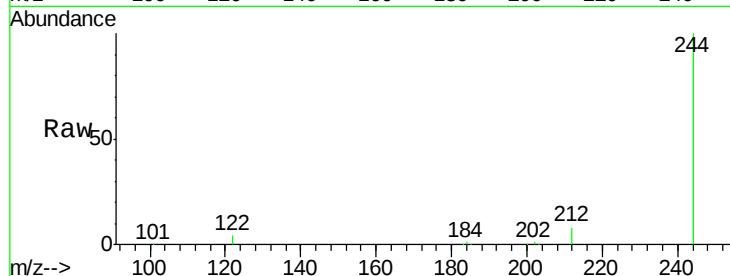
Tot Ion:244 Resp: 31578

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

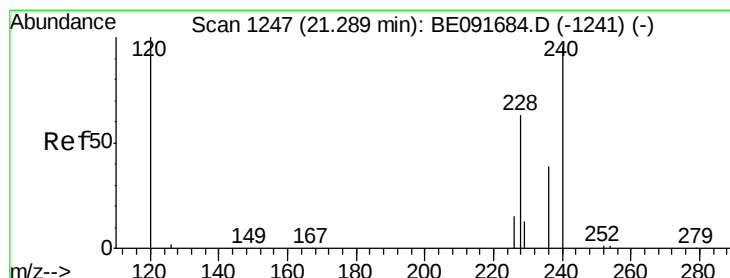
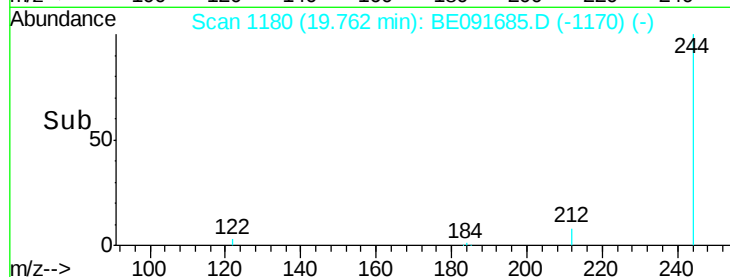
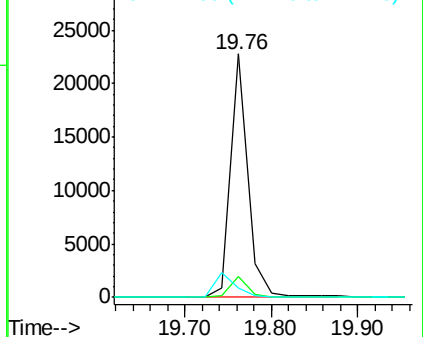
122 3.8 11.0 16.4#



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: 0.83 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091685.D

Acq: 20 Apr 2016 15:04

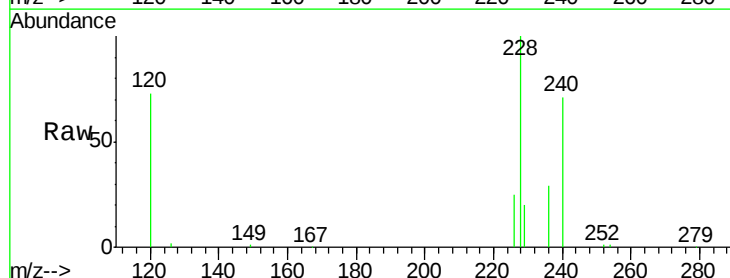
Tgt Ion:228 Resp: 46434

Ion Ratio Lower Upper

228 100

226 24.6 21.0 31.4

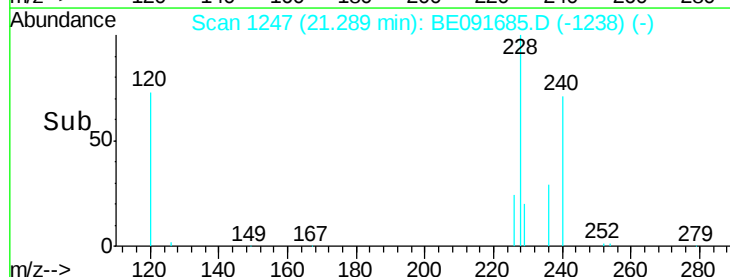
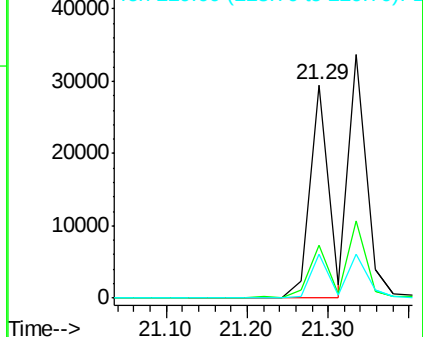
229 20.4 15.7 23.5

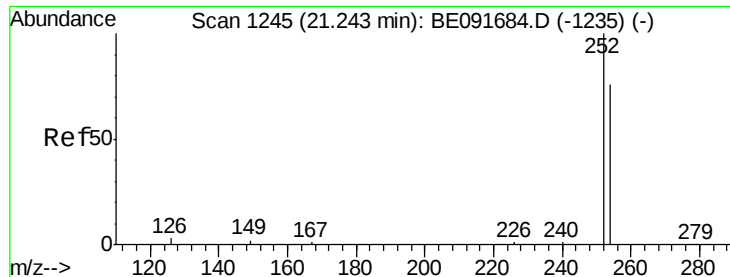


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

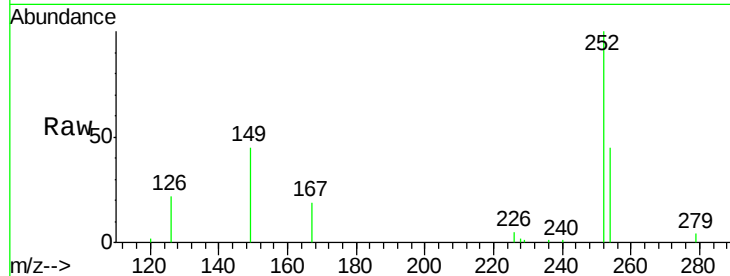




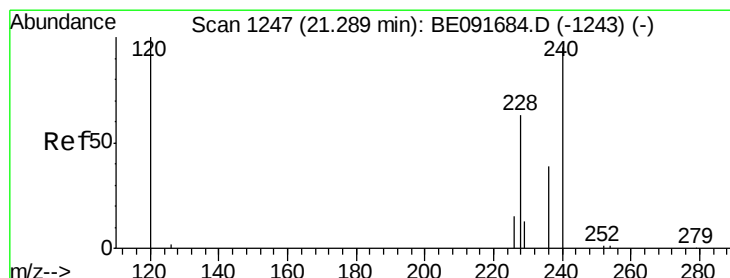
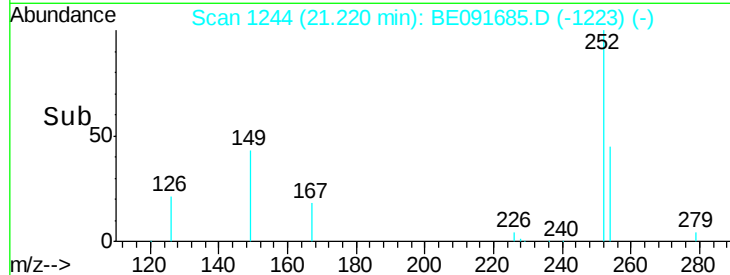
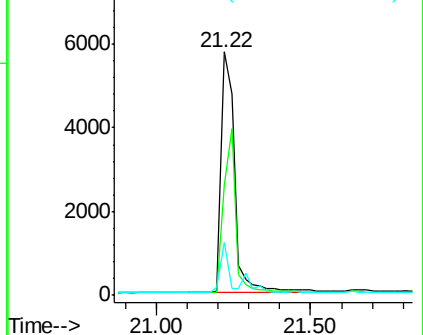
#31
 3,3'-Dichlorobenzidine
 Concen: 0.78 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091685.D
 Acq: 20 Apr 2016 15:04

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:252 Resp: 17033
 Ion Ratio Lower Upper
 252 100
 254 45.4 51.1 76.7#
 126 21.6 12.6 18.8#

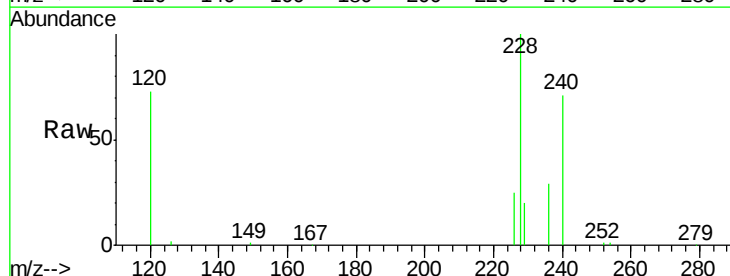


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

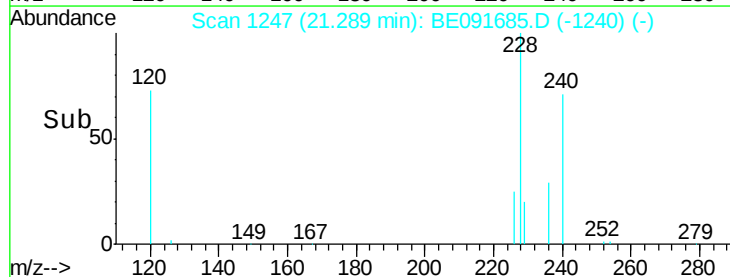
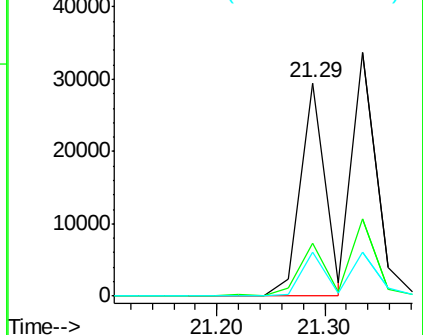


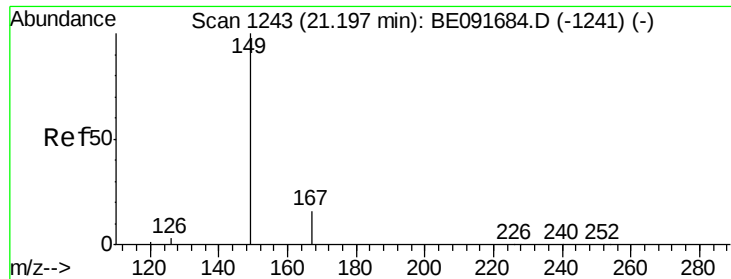
#32
 Chrysene
 Concen: 0.82 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BE091685.D
 Acq: 20 Apr 2016 15:04

Tgt Ion:228 Resp: 46410
 Ion Ratio Lower Upper
 228 100
 226 24.6 24.0 36.0
 229 20.4 15.9 23.9



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

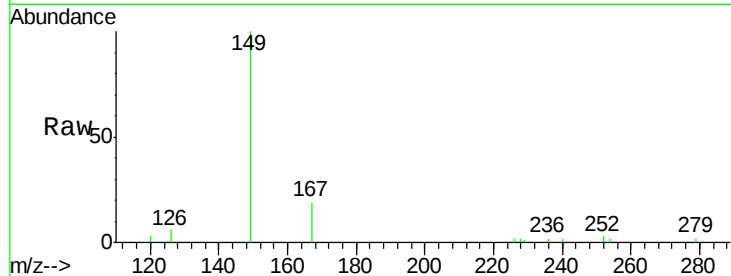




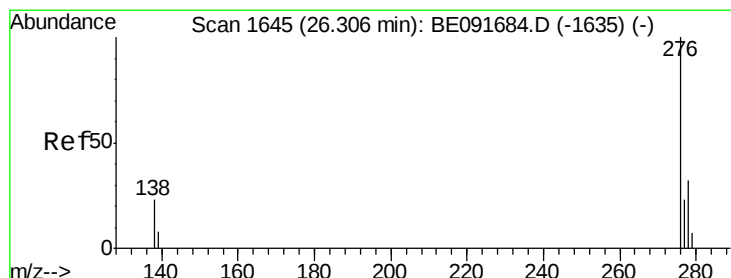
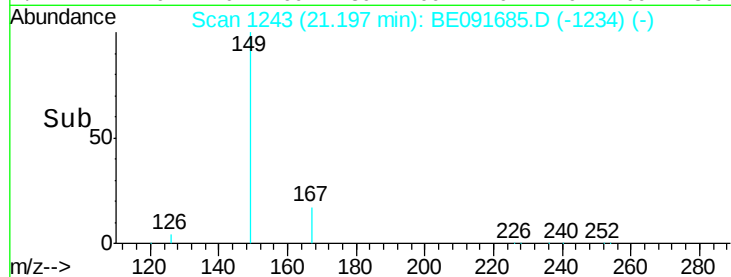
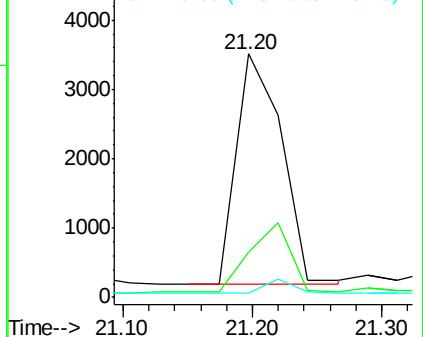
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.79 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BE091685.D
 Acq: 20 Apr 2016 15:04

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 8125
 Ion Ratio Lower Upper
 149 100
 167 0.0 19.5 29.3#
 279 0.0 10.0 15.0#

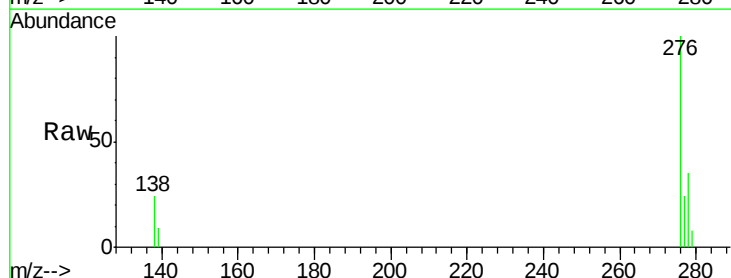


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

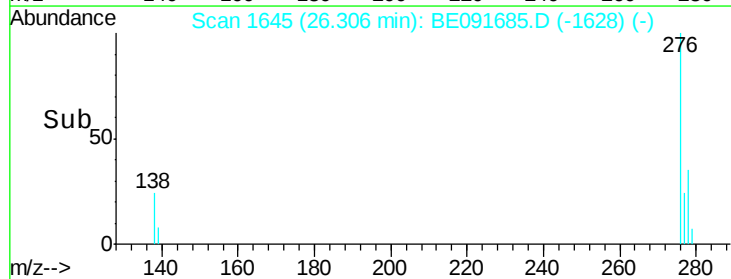
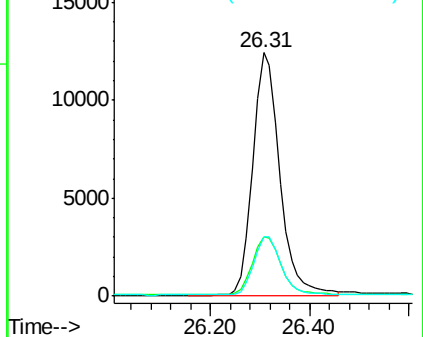


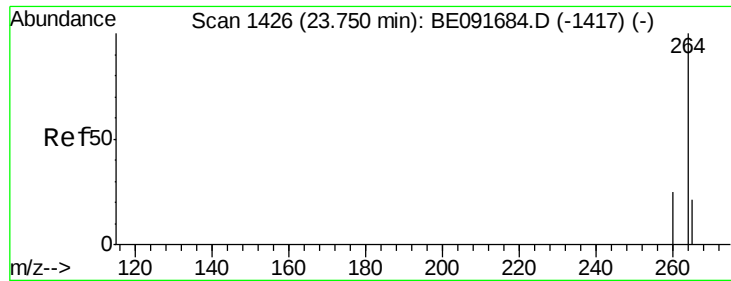
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.91 ng
 RT: 26.31 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BE091685.D
 Acq: 20 Apr 2016 15:04

Tgt Ion:276 Resp: 46978
 Ion Ratio Lower Upper
 276 100
 138 25.9 23.4 35.2
 277 24.7 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

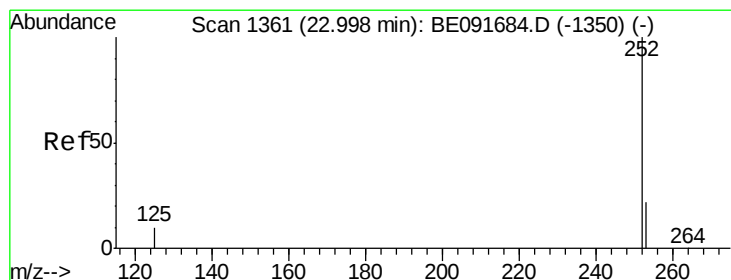
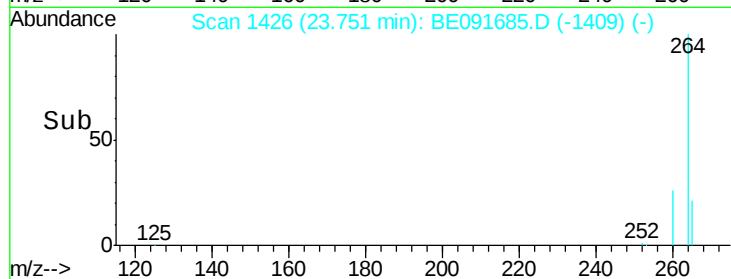
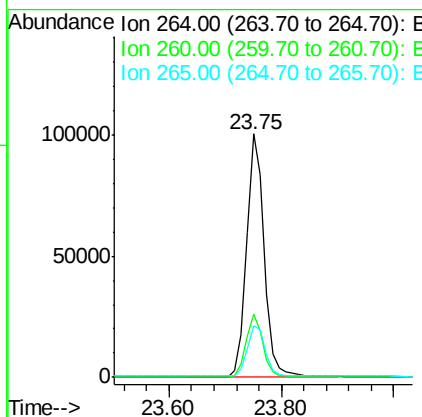
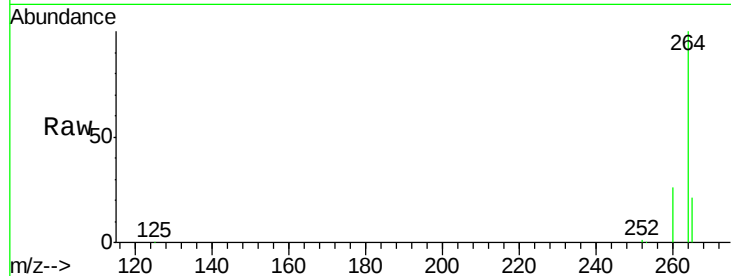




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.75 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BE091685.D
 Acq: 20 Apr 2016 15:04

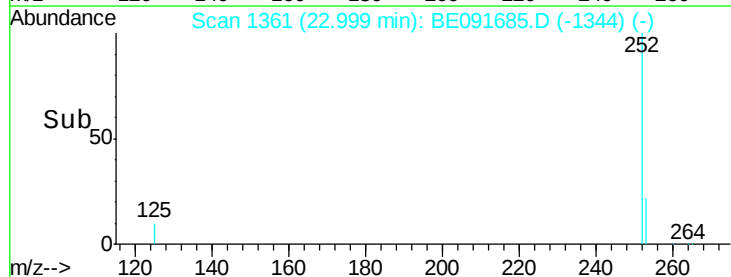
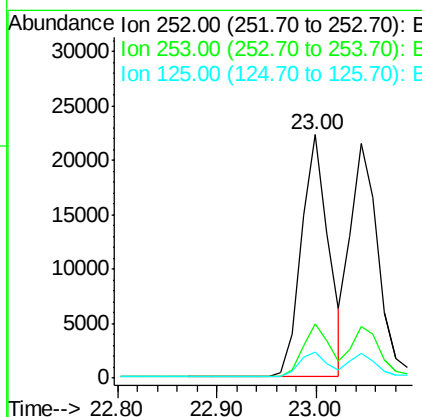
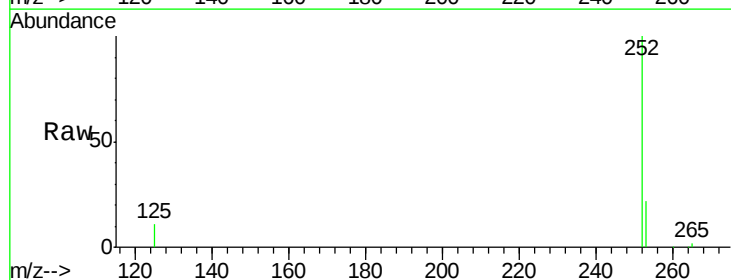
Instrument :
 BNA_E
 ClientSampleId :

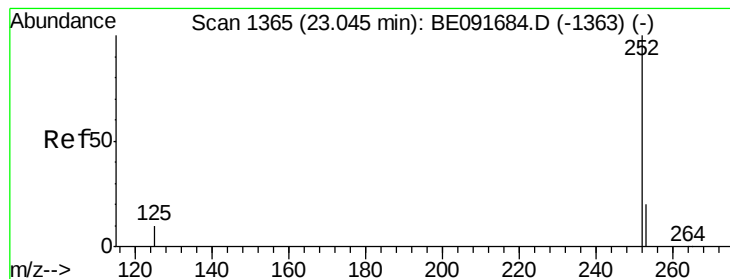
Tot Ion:264 Resp: 221897
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.0 30.0
 265 21.3 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 0.87 ng
 RT: 23.00 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BE091685.D
 Acq: 20 Apr 2016 15:04

Tgt Ion:252 Resp: 42302
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.4 26.0
 125 10.8 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 0.81 ng

RT: 23.05 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BE091685.D

Acq: 20 Apr 2016 15:04

Instrument :

BNA_E

ClientSampleId :

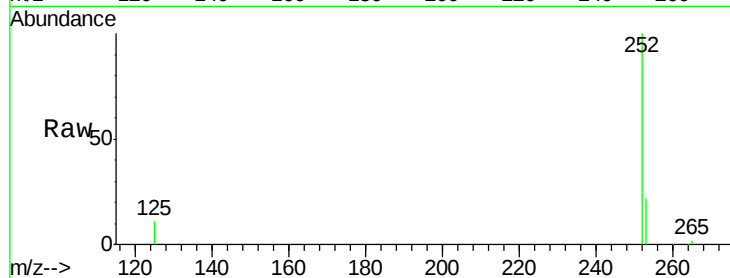
Tot Ion:252 Resp: 41820

Ion Ratio Lower Upper

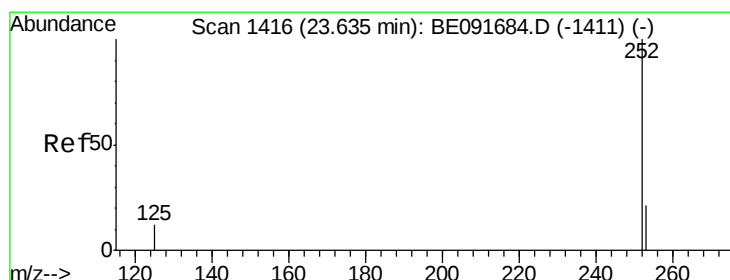
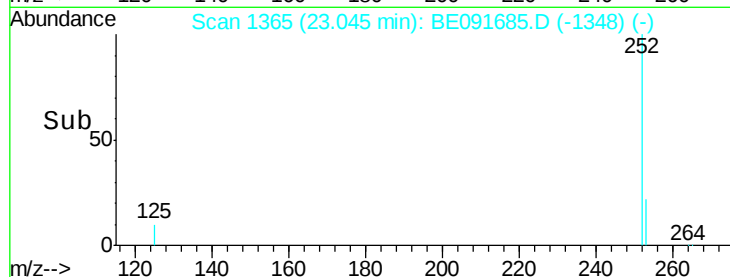
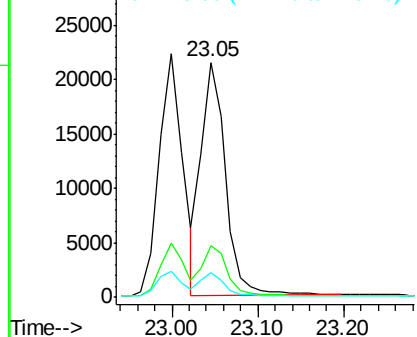
252 100

253 22.0 17.6 26.4

125 10.6 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Benzo(a)pyrene

Concen: 0.81 ng

RT: 23.63 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BE091685.D

Acq: 20 Apr 2016 15:04

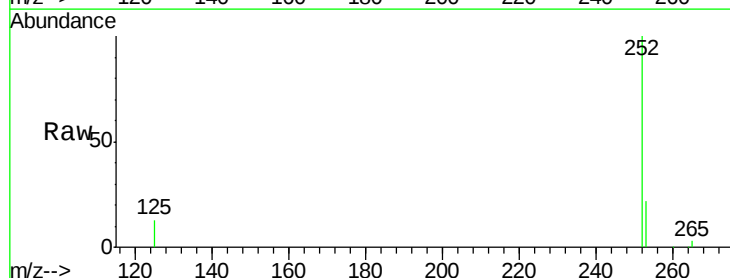
Tgt Ion:252 Resp: 36830

Ion Ratio Lower Upper

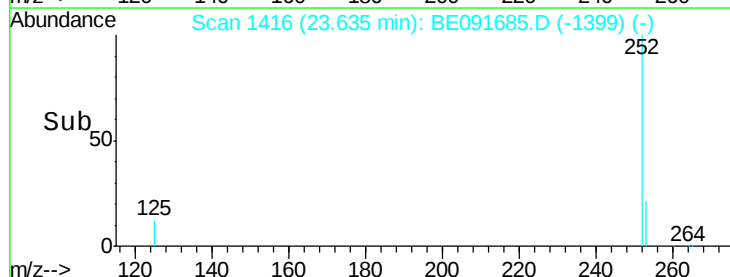
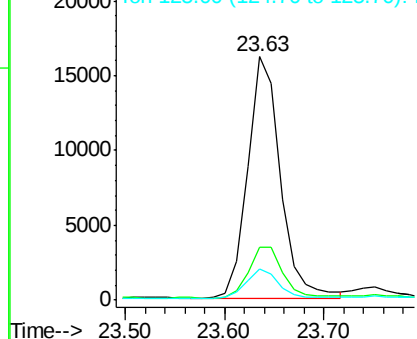
252 100

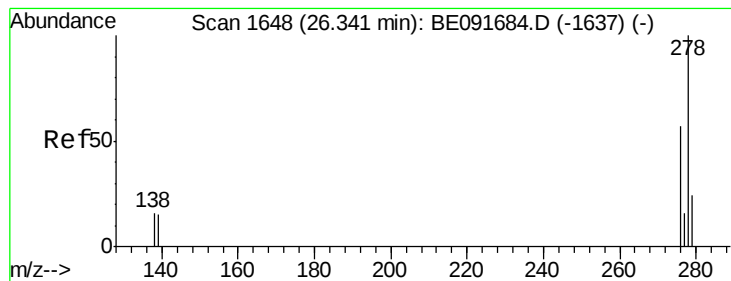
253 21.9 18.1 27.1

125 12.7 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



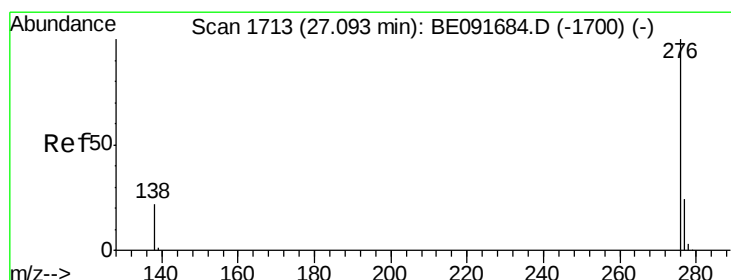
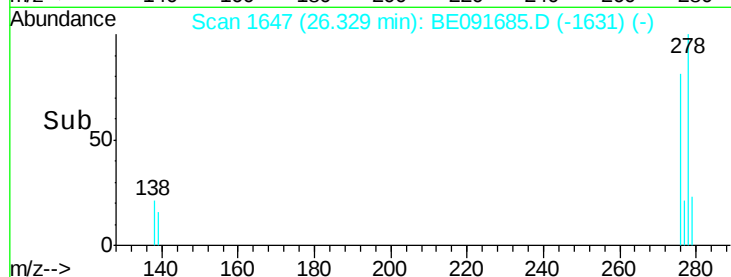
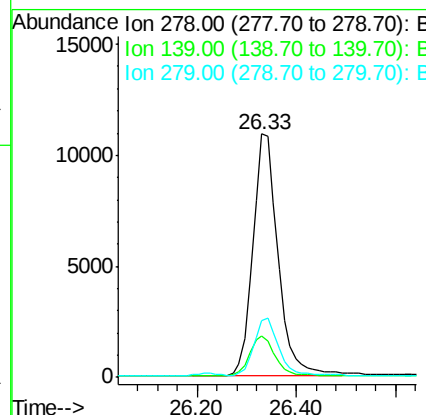
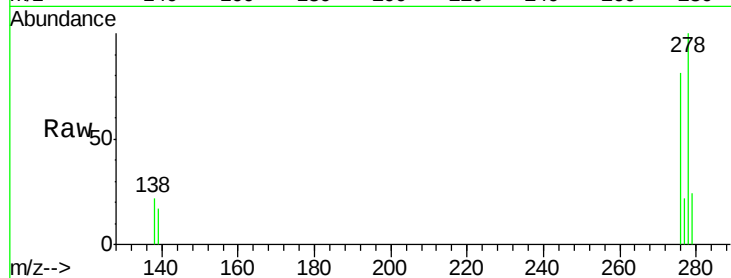


#39
Dibenzo(a,h)anthracene
Concen: 0.87 ng
RT: 26.33 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 38739

Ion	Ratio	Lower	Upper
278	100		
139	16.8	16.0	24.0
279	23.5	19.4	29.2



#40
Benzo(g,h,i)perylene
Concen: 0.85 ng
RT: 27.09 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion:276 Resp: 39084

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	22.3	20.4	30.6

