

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090115\
 Data File : BE090685.D
 Acq On : 2 Sep 2015 2:35
 Operator : UM/IZ
 Sample : PB85319BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 02 04:36:16 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 01:57:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	44123	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	187509	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	95283	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	243022	5.00	ng	0.00
25) Chrysene-d12	21.07	240	293172	5.00	ng	0.00
32) Perylene-d12	23.36	264	268530	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	76226	8.86	ng	0.00
5) Phenol-d6	6.75	99	100837	8.21	ng	0.00
7) Nitrobenzene-d5	8.71	82	45521	3.67	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	20493	7.34	ng	0.02
14) 2-Fluorobiphenyl	12.81	172	91745	3.48	ng	0.00
27) Terphenyl-d14	19.53	244	166985	5.15	ng	0.00

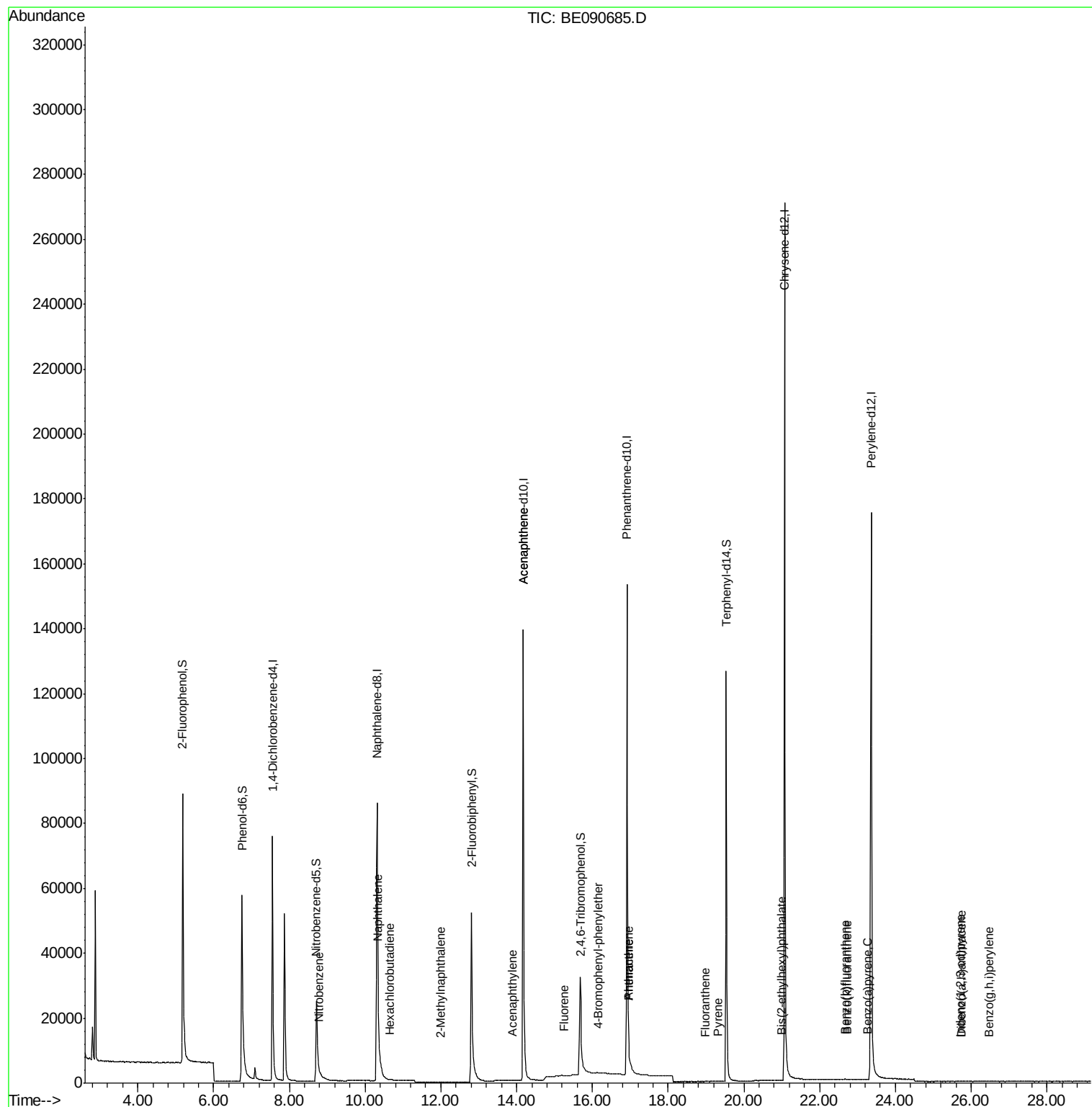
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	70	Below Cal	#	17
3) n-Nitrosodimethylamine	3.44	42	43	Below Cal	#	1
8) Nitrobenzene	8.78	77	20	0.11 ng	#	80
9) Naphthalene	10.35	128	68	0.00 ng	#	1
10) Hexachlorobutadiene	10.66	225	11	0.00 ng	#	54
11) 2-Methylnaphthalene	11.97	142	11	0.00 ng	#	58
15) Acenaphthylene	13.90	152	22	0.00 ng	#	1
16) Acenaphthene	14.17	154	577	0.02 ng	#	1
17) Fluorene	15.26	166	51	0.00 ng	#	6
19) 4-Bromophenyl-phenylether	16.16	248	39	0.00 ng	#	1
20) Hexachlorobenzene	16.25	284	121	Below Cal	#	37
21) Pentachlorophenol	16.56	266	39	Below Cal	#	66
22) Phenanthrene	16.96	178	458	0.01 ng	#	64
23) Anthracene	16.96	178	458	0.01 ng	#	79
24) Fluoranthene	18.98	202	180	0.00 ng	#	70
26) Pyrene	19.33	202	159	0.00 ng	#	76
28) Benzo(a)anthracene	21.07	228	988	Below Cal	#	75
29) Chrysene	21.07	228	988	Below Cal	#	72
30) Bis(2-ethylhexyl)phthalate	21.01	149	217	0.08 ng	#	95
31) Indeno(1,2,3-cd)pyrene	25.72	276	18	0.00 ng	#	17
33) Benzo(b)fluoranthene	22.67	252	302	0.01 ng	#	1
34) Benzo(k)fluoranthene	22.72	252	238	0.00 ng	#	1
35) Benzo(a)pyrene	23.26	252	99	0.00 ng	#	1
36) Dibenzo(a,h)anthracene	25.74	278	14	0.14 ng	#	1
37) Benzo(g,h,i)perylene	26.46	276	129	0.00 ng	#	1

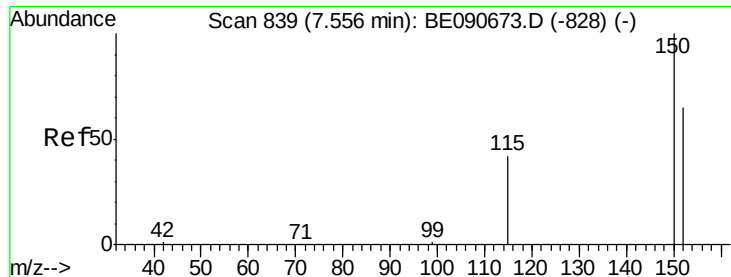
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

Instrument :

BNA_E

ClientSampleId :

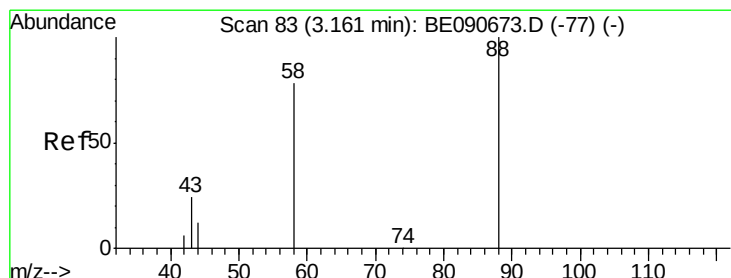
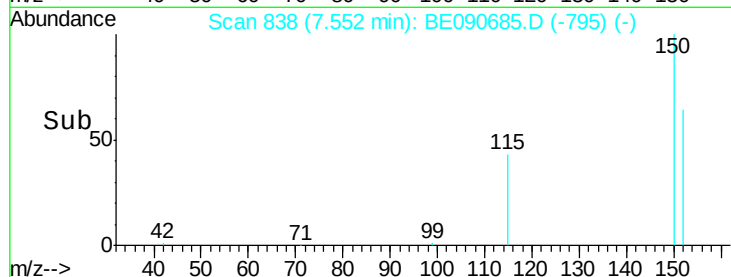
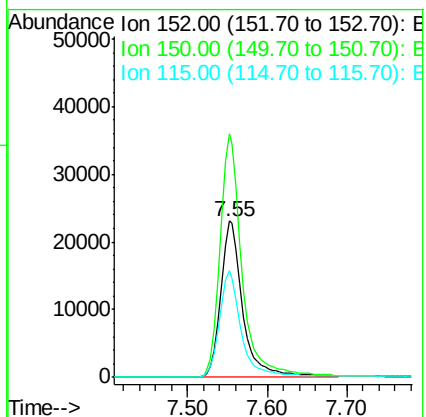
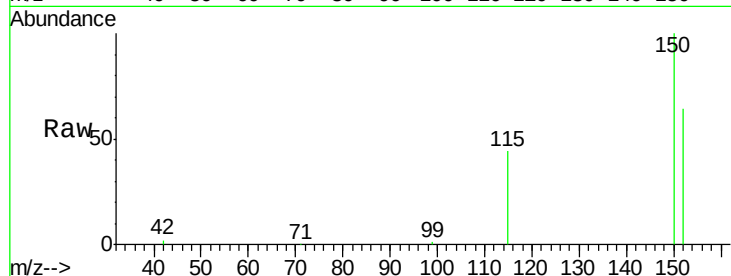
Tot Ion:152 Resp: 44123

Ion Ratio Lower Upper

152 100

150 156.1 122.2 183.4

115 68.0 51.0 76.4



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.17 min Scan# 85

Delta R.T. 0.01 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

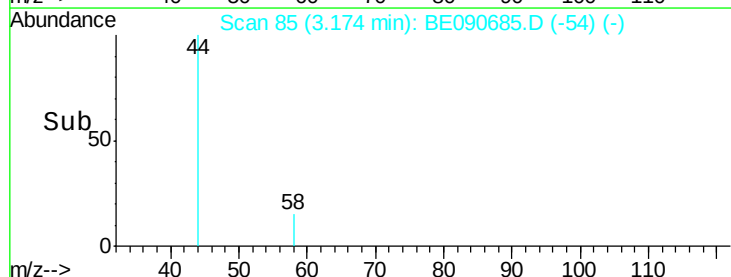
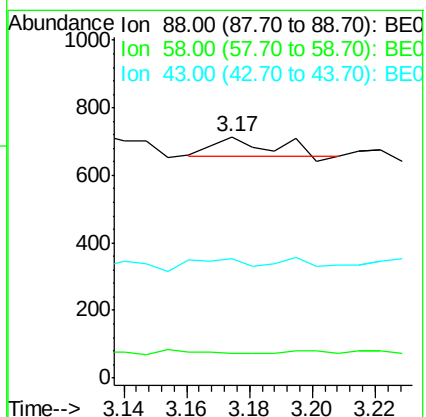
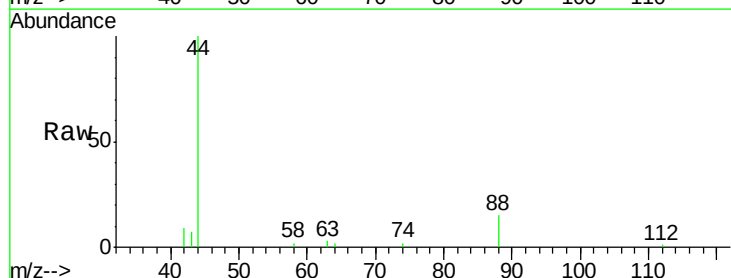
Tgt Ion: 88 Resp: 70

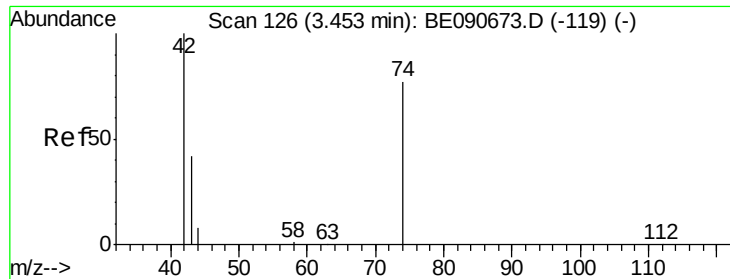
Ion Ratio Lower Upper

88 100

58 0.0 68.4 102.6#

43 65.7 26.9 40.3#



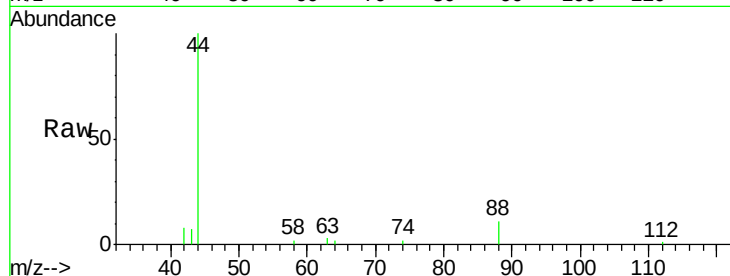


#3

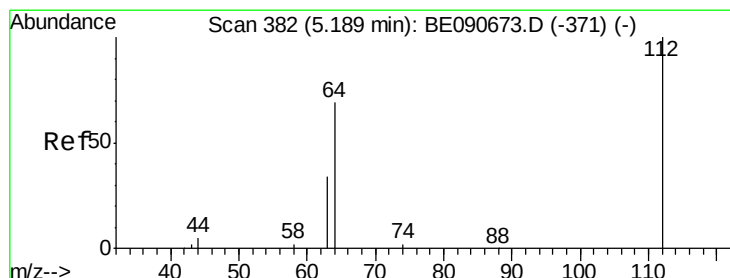
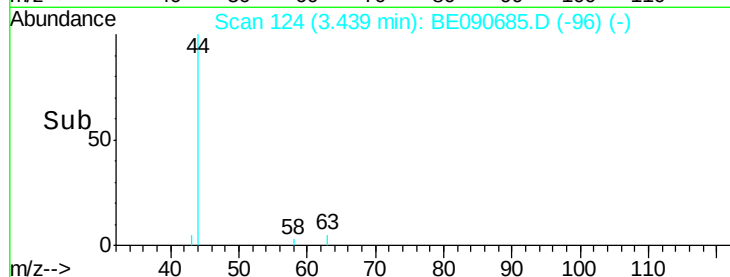
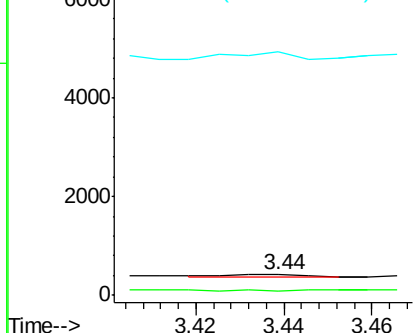
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.44 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BE090685.D
 Acq: 2 Sep 2015 2:35

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	14.0	83.7	125.5#
44	341.9	10.0	15.0#



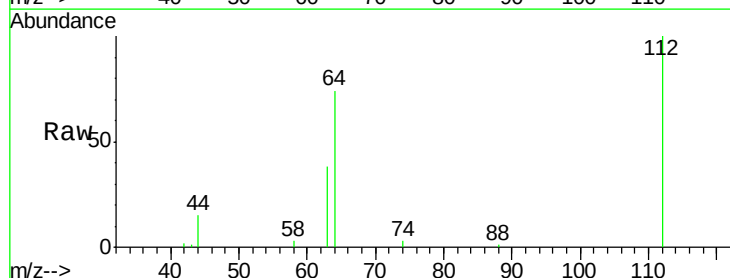
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



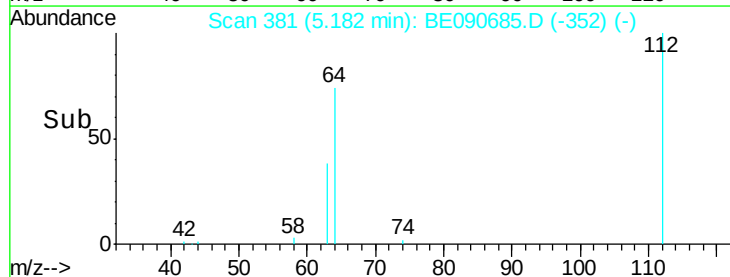
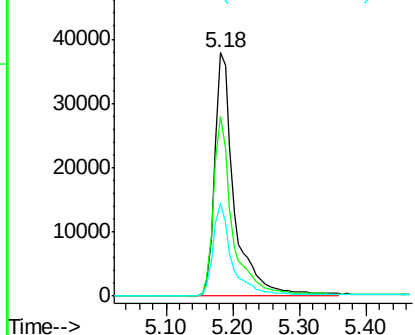
#4

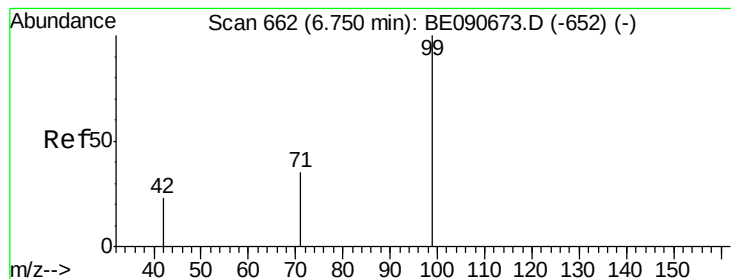
2-Fluorophenol
 Concen: 8.86 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: BE090685.D
 Acq: 2 Sep 2015 2:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.5	57.3	85.9
63	36.9	29.2	43.8



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: 8.21 ng

RT: 6.75 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

Instrument :

BNA_E

ClientSampleId :

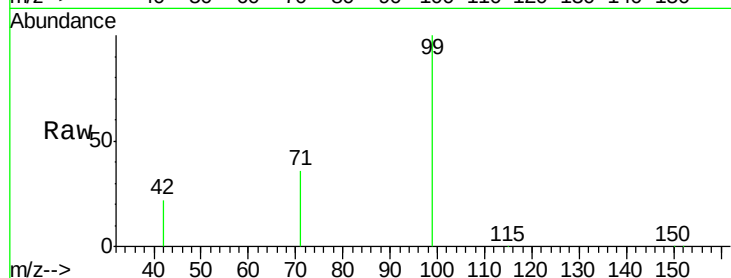
Tot Ion: 99 Resp: 100837

Ion Ratio Lower Upper

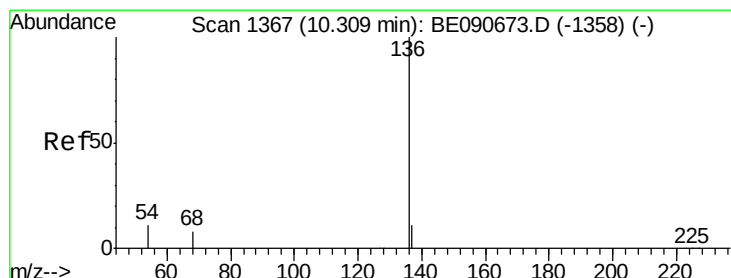
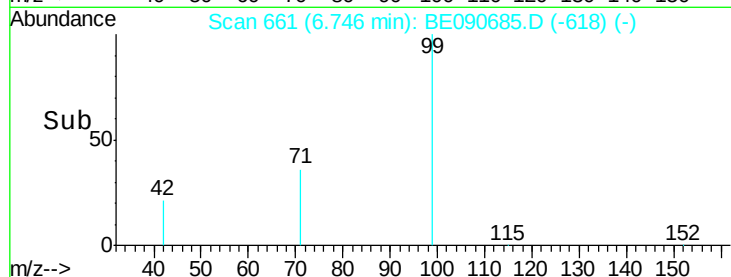
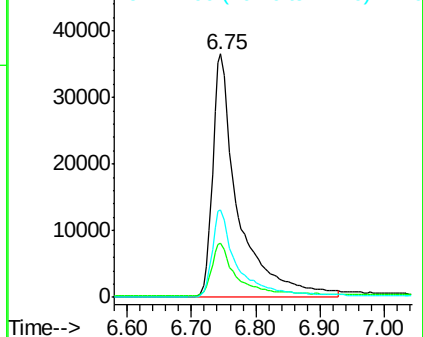
99 100

42 21.6 16.8 25.2

71 35.8 28.3 42.5



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

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

Tgt Ion: 136 Resp: 187509

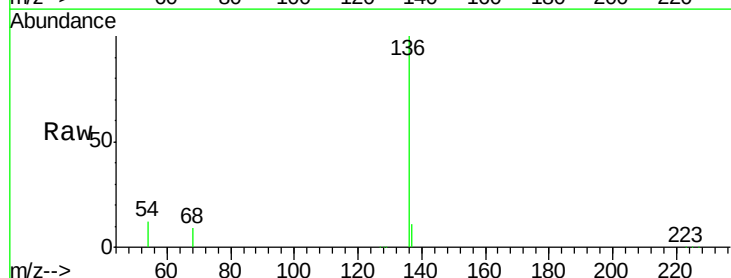
Ion Ratio Lower Upper

136 100

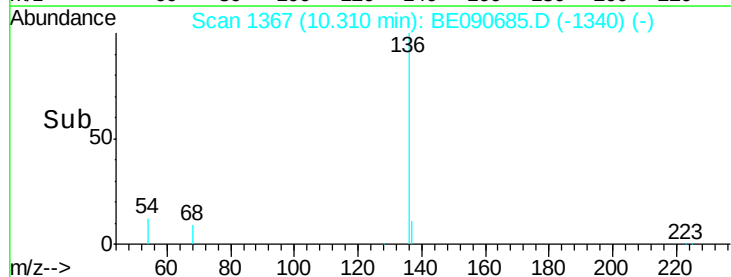
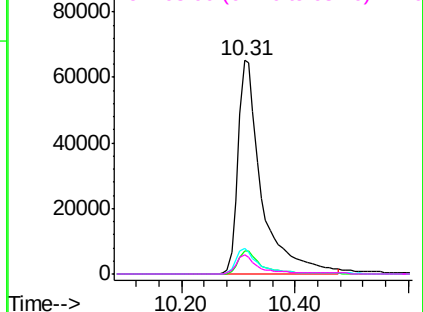
137 11.1 8.7 13.1

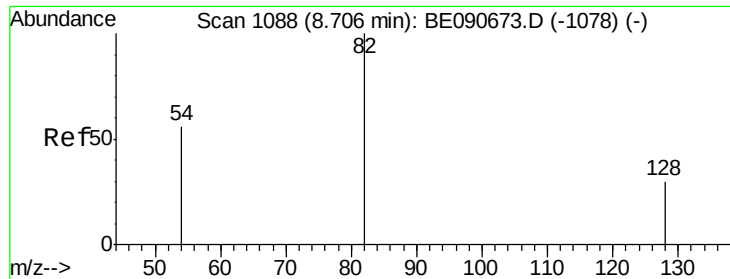
54 12.1 9.0 13.6

68 8.8 6.3 9.5



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





#7

Nitrobenzene-d5

Concen: 3.67 ng

RT: 8.71 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

Instrument :

BNA_E

ClientSampleId :

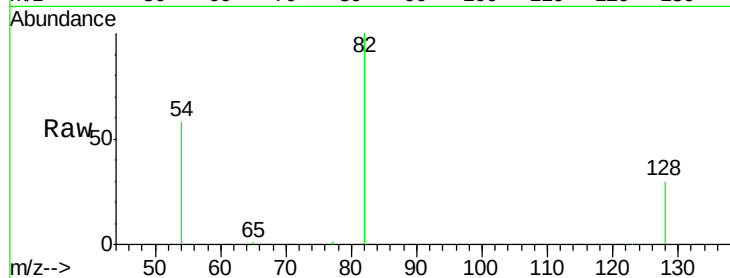
Tot Ion: 82 Resp: 45521

Ion Ratio Lower Upper

82 100

128 29.7 25.0 37.4

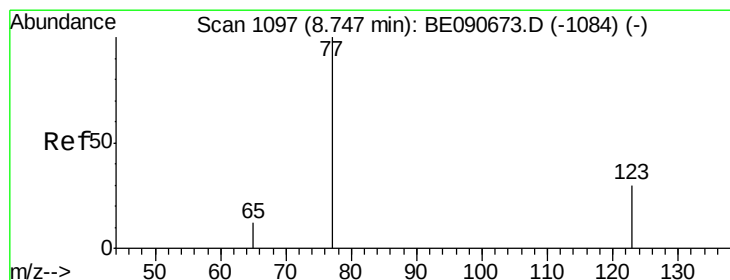
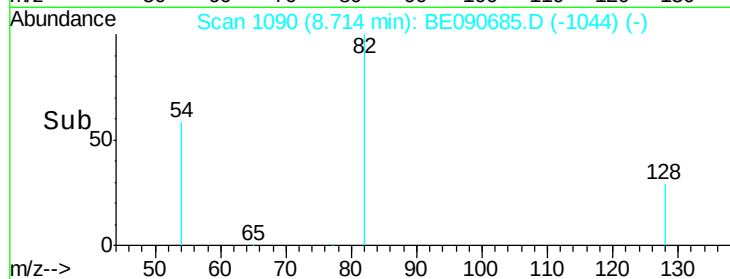
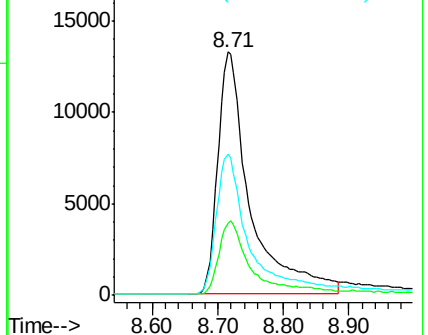
54 58.1 46.3 69.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.78 min Scan# 1104

Delta R.T. 0.03 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

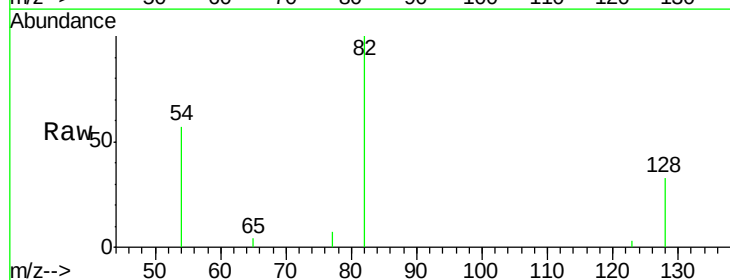
Tgt Ion: 77 Resp: 20

Ion Ratio Lower Upper

77 100

123 40.0 25.1 37.7#

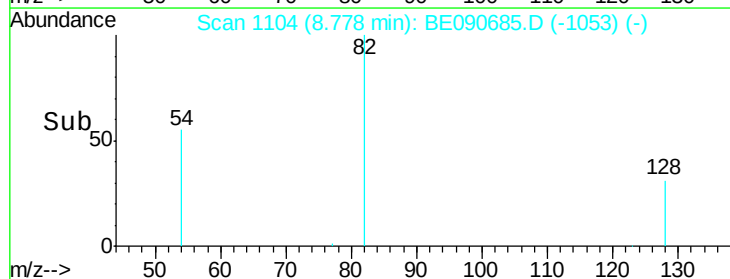
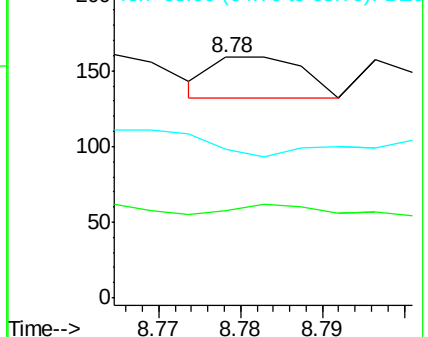
65 0.0 9.9 14.9#

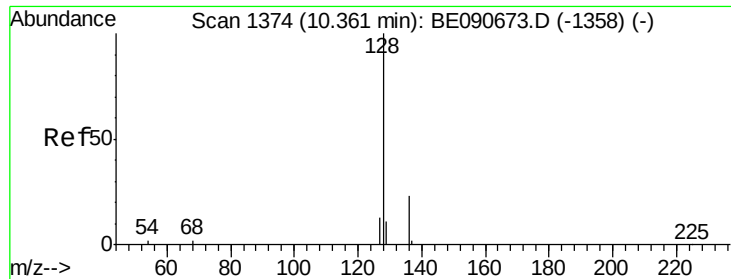


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.00 ng

RT: 10.35 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

Instrument :

BNA_E

ClientSampled :

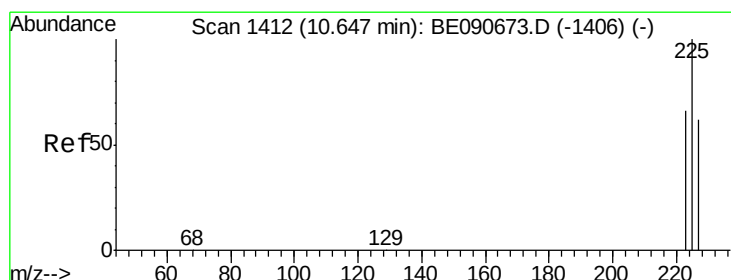
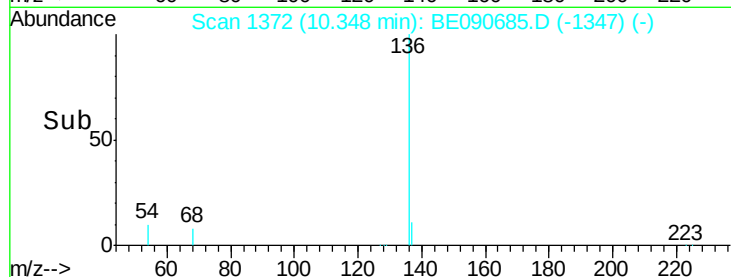
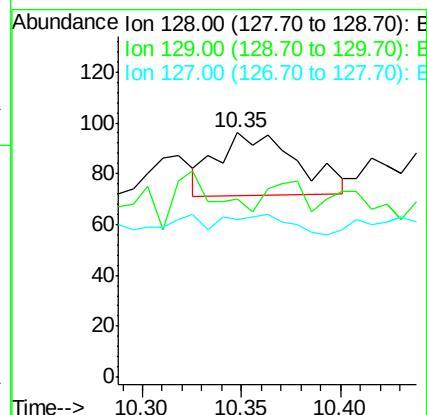
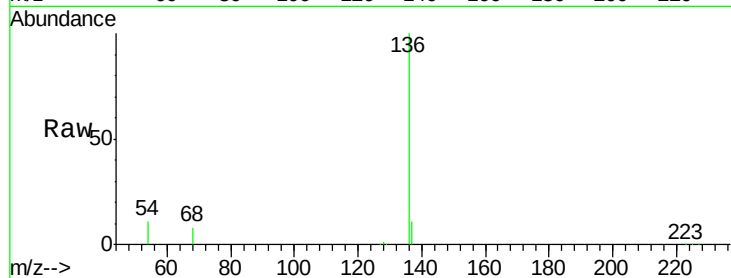
Tot Ion:128 Resp: 68

Ion Ratio Lower Upper

128 100

129 72.9 9.0 13.6#

127 64.6 10.6 15.8#



#10

Hexachlorobutadiene

Concen: 0.00 ng

RT: 10.66 min Scan# 1414

Delta R.T. 0.02 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

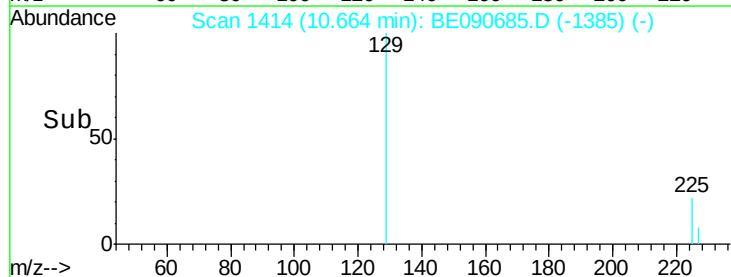
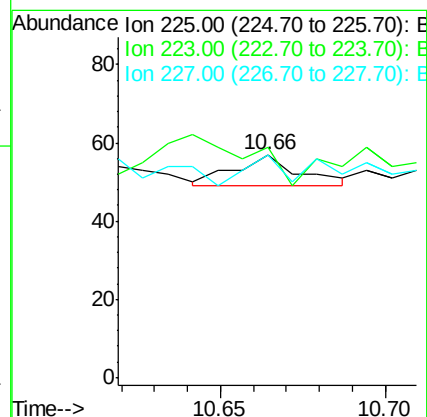
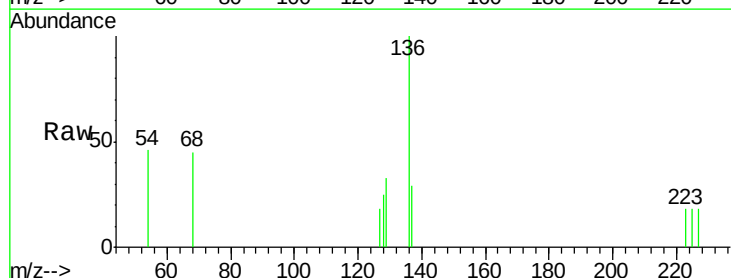
Tgt Ion:225 Resp: 11

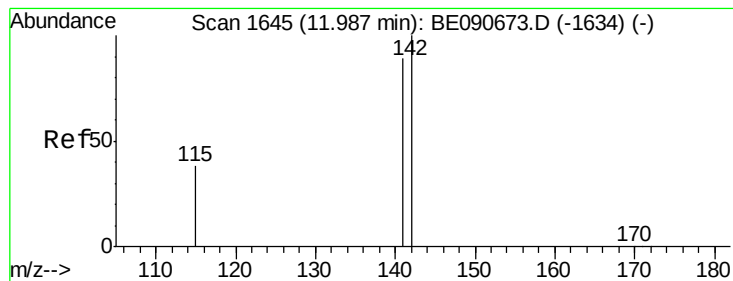
Ion Ratio Lower Upper

225 100

223 0.0 50.6 76.0#

227 54.5 51.0 76.6





#11

2-Methylnaphthalene

Concen: 0.00 ng

RT: 11.97 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

Instrument :

BNA_E

ClientSampled :

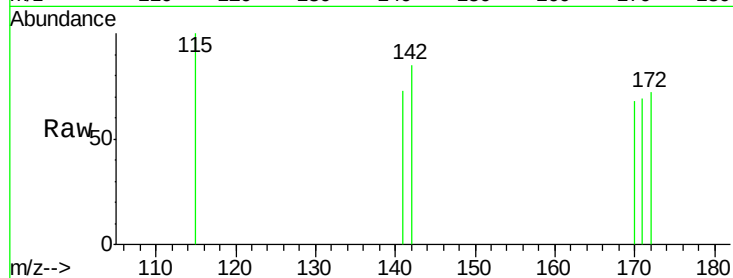
Tot Ion:142 Resp: 11

Ion Ratio Lower Upper

142 100

141 86.4 71.4 107.2

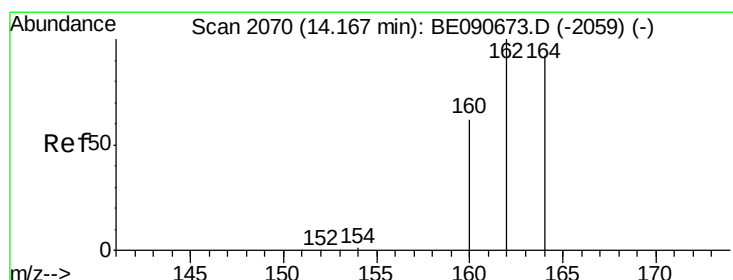
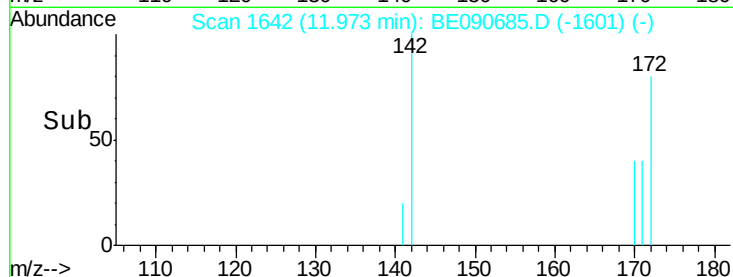
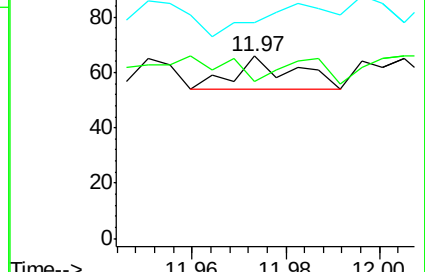
115 118.2 31.0 46.4#



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2071

Delta R.T. 0.01 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

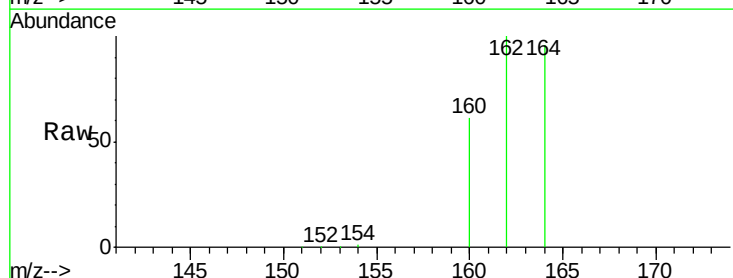
Tgt Ion:164 Resp: 95283

Ion Ratio Lower Upper

164 100

162 104.0 86.8 130.2

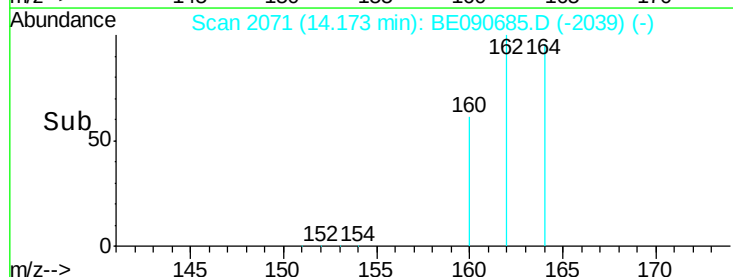
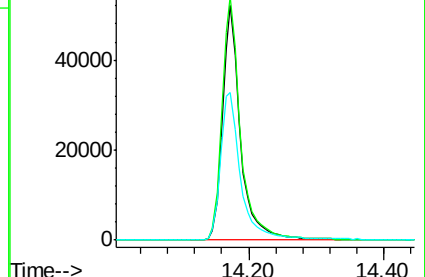
160 63.2 53.9 80.9

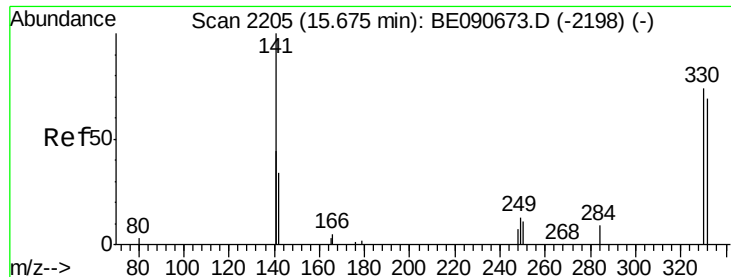


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

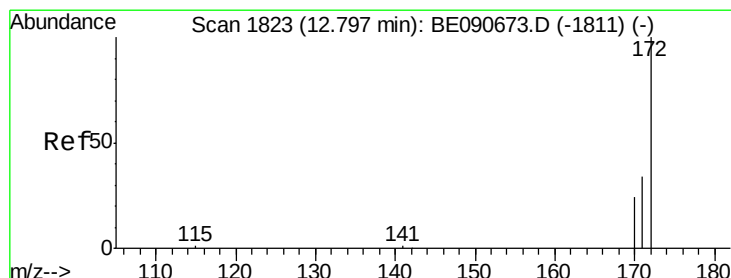
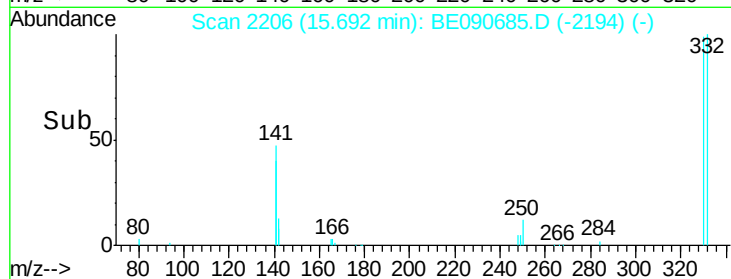
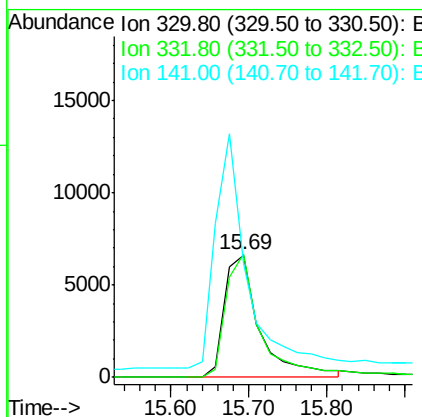
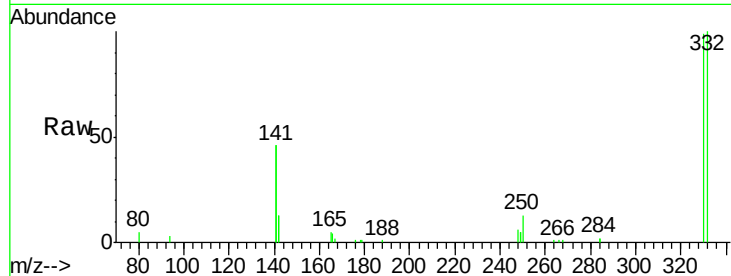




#13
 2,4,6-Tribromophenol
 Concen: 7.34 ng
 RT: 15.69 min Scan# 2206
 Delta R.T. 0.02 min
 Lab File: BE090685.D
 Acq: 2 Sep 2015 2:35

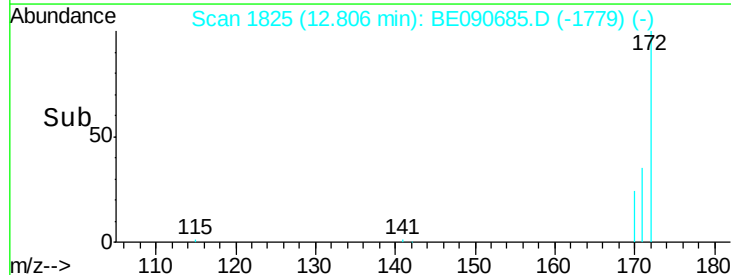
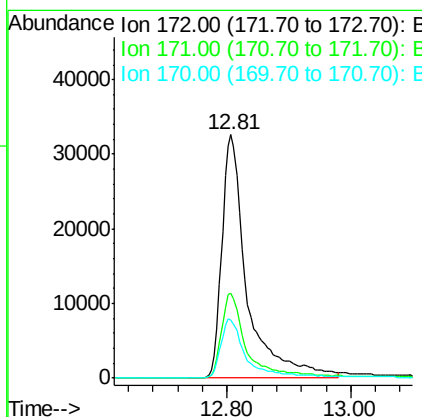
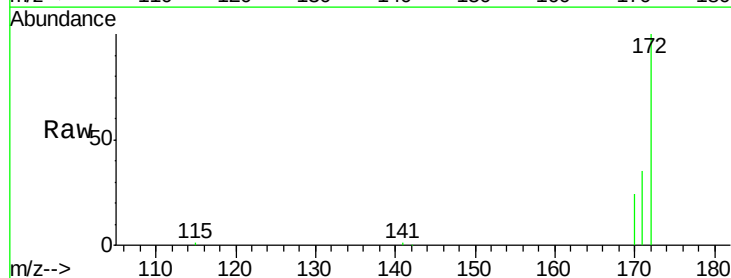
Instrument :
 BNA_E
 ClientSampleId :

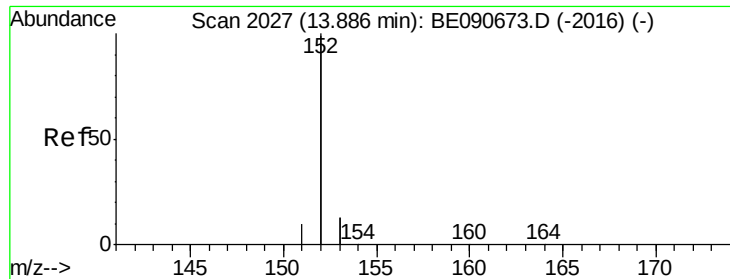
Tot Ion:330 Resp: 20493
 Ion Ratio Lower Upper
 330 100
 332 96.5 74.9 112.3
 141 177.4 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 3.48 ng
 RT: 12.81 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BE090685.D
 Acq: 2 Sep 2015 2:35

Tgt Ion:172 Resp: 91745
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.8 41.8
 170 24.1 19.8 29.6





#15

Acenaphthylene

Concen: 0.00 ng

RT: 13.90 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

Instrument :

BNA_E

ClientSampleId :

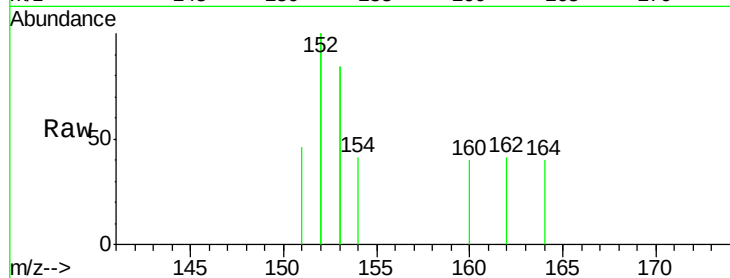
Tot Ion:152 Resp: 22

Ion Ratio Lower Upper

152 100

151 27.3 3.9 5.9#

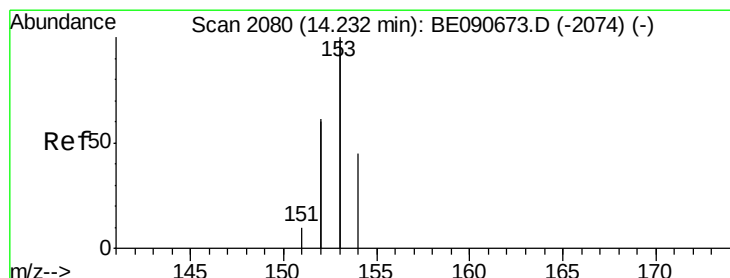
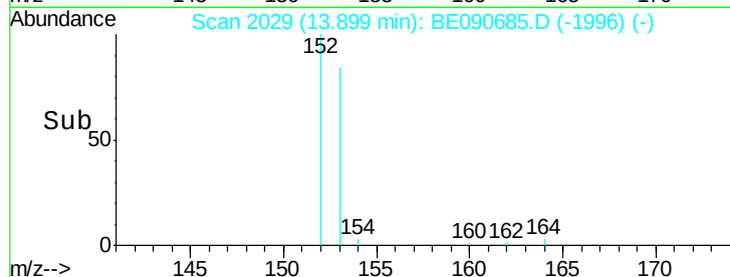
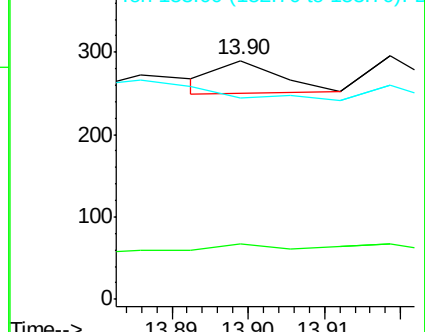
153 450.0 10.3 15.5#



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



#16

Acenaphthene

Concen: 0.02 ng

RT: 14.17 min Scan# 2071

Delta R.T. -0.06 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

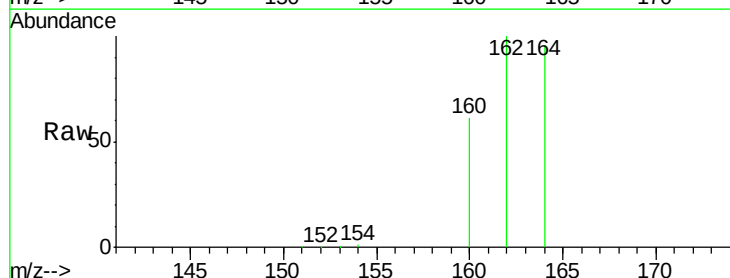
Tgt Ion:154 Resp: 577

Ion Ratio Lower Upper

154 100

153 36.2 354.5 531.7#

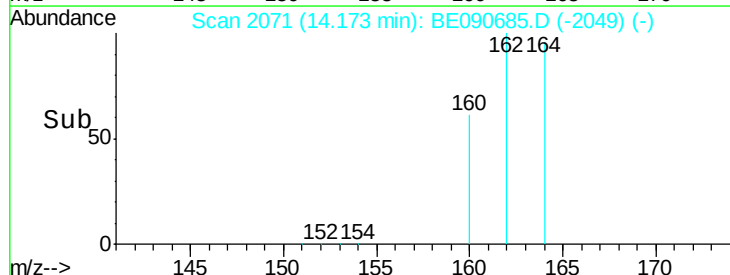
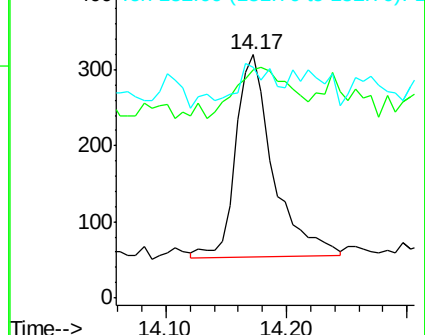
152 18.2 227.8 341.6#

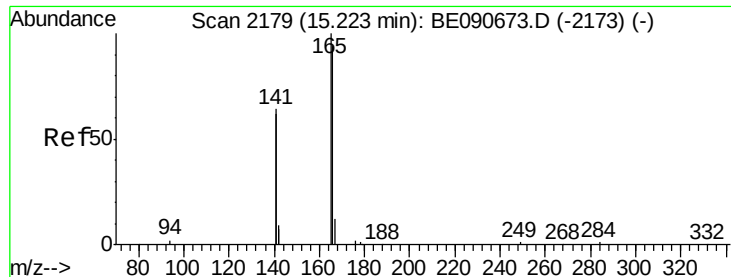


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

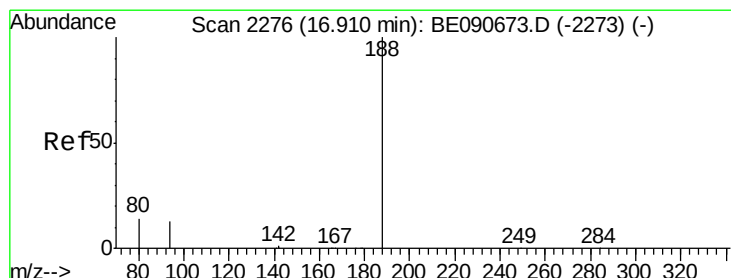
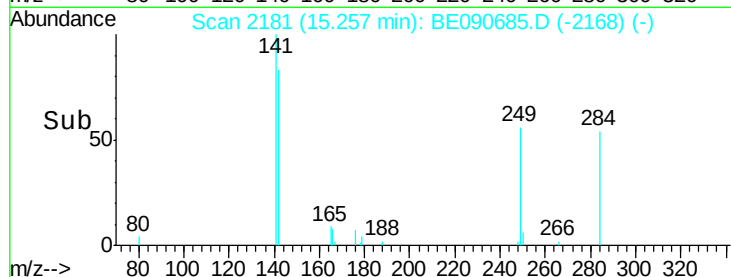
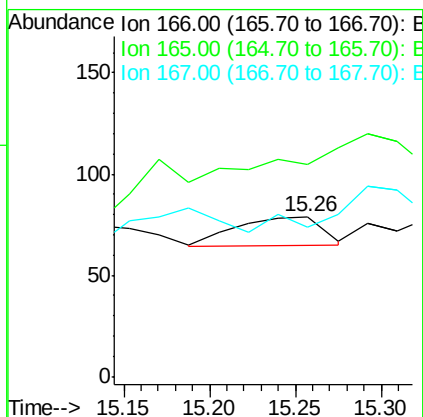
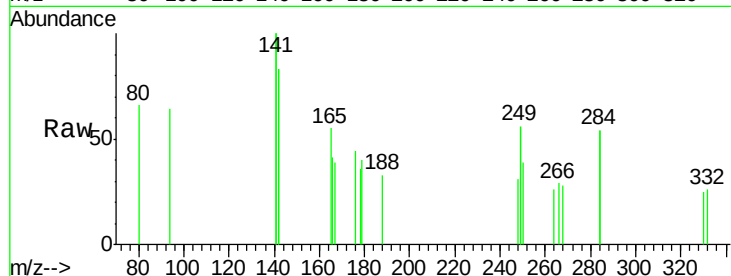




#17
Fluorene
Concen: 0.00 ng
RT: 15.26 min Scan# 2181
Delta R.T. 0.03 min
Lab File: BE090685.D
Acq: 2 Sep 2015 2:35

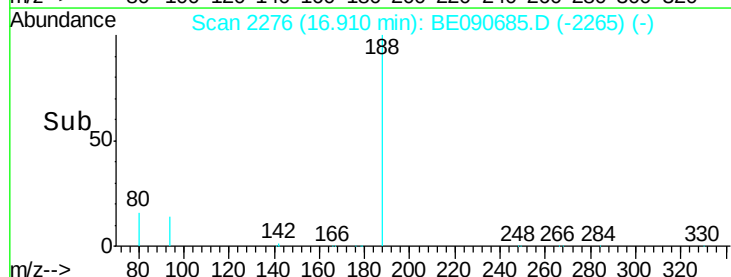
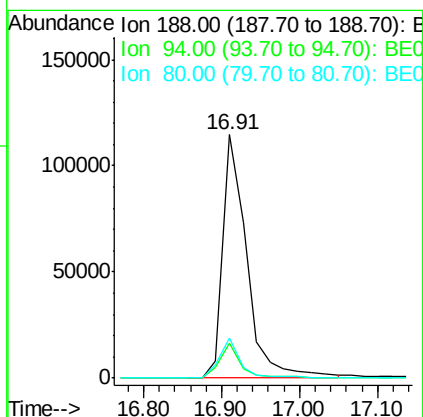
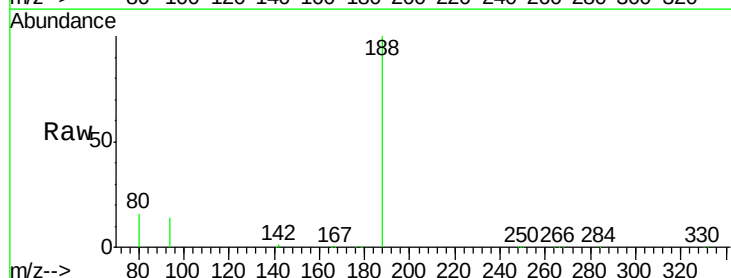
Instrument :
BNA_E
ClientSampled :

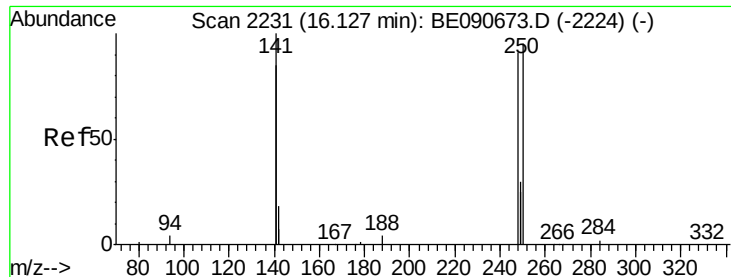
Tot Ion:166 Resp: 51
Ion Ratio Lower Upper
166 100
165 0.0 82.7 124.1#
167 0.0 10.7 16.1#



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BE090685.D
Acq: 2 Sep 2015 2:35

Tgt Ion:188 Resp: 243022
Ion Ratio Lower Upper
188 100
94 14.4 10.3 15.5
80 16.2 11.0 16.6





#19

4-Bromophenyl-phenylether

Concen: 0.00 ng

RT: 16.16 min Scan# 2233

Delta R.T. 0.03 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

Instrument :

BNA_E

ClientSampleId :

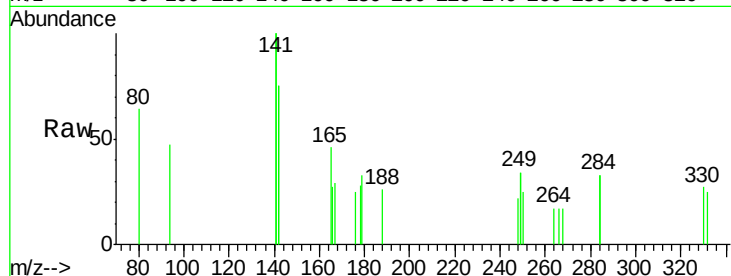
Tot Ion:248 Resp: 39

Ion Ratio Lower Upper

248 100

250 0.0 76.7 115.1#

141 0.0 292.6 439.0#

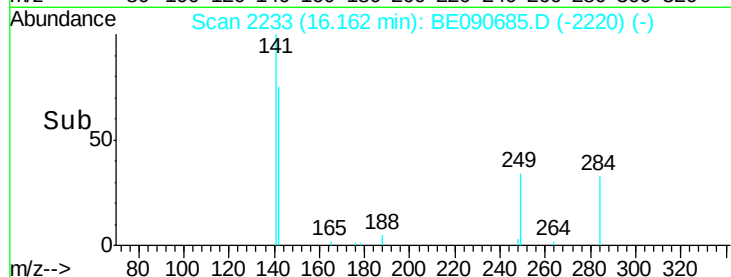


Abundance Ion 248.00 (247.70 to 248.70): E

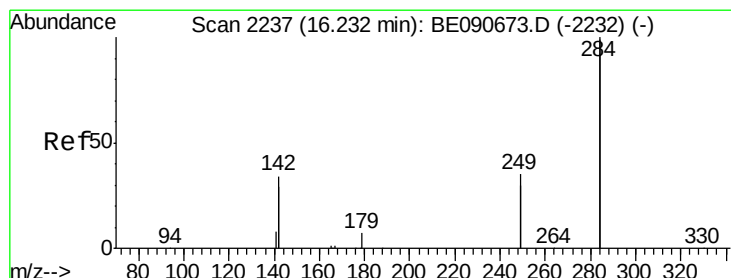
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.25 min Scan# 2238

Delta R.T. 0.02 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

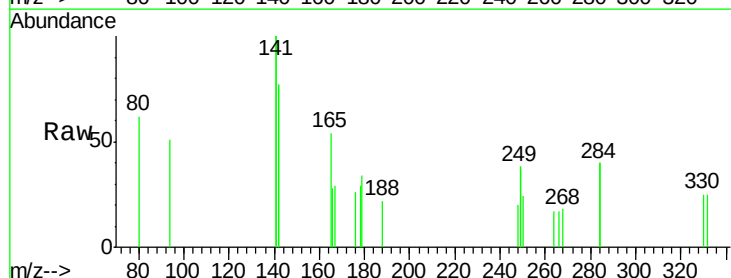
Tgt Ion:284 Resp: 121

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

249 0.0 25.5 38.3#

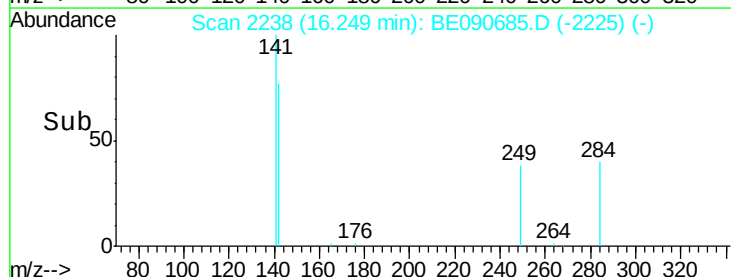


Abundance Ion 283.80 (283.50 to 284.50): E

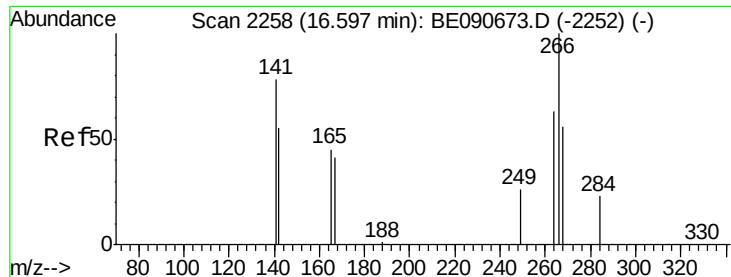
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->



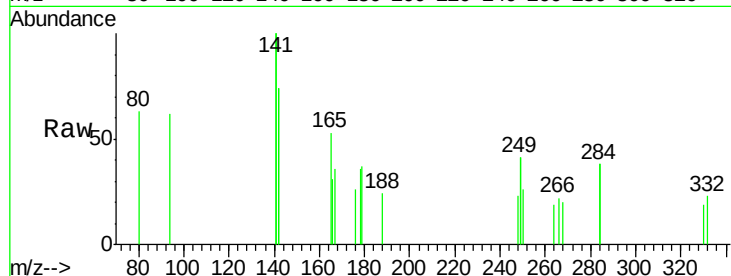
Time-->



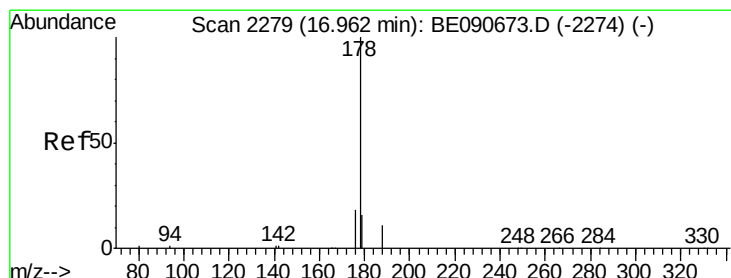
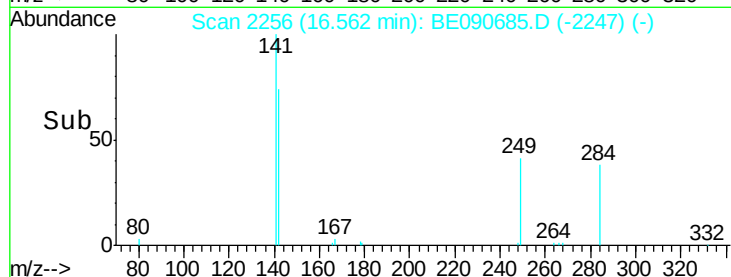
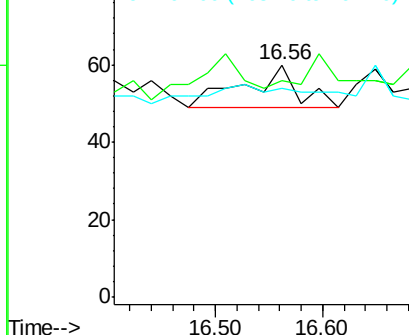
#21
 Pentachlorophenol
 Concen: Below Cal
 RT: 16.56 min Scan# 2256
 Delta R.T. -0.03 min
 Lab File: BE090685.D
 Acq: 2 Sep 2015 2:35

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 39
 Ion Ratio Lower Upper
 266 100
 268 93.3 49.6 74.4#
 264 90.0 53.9 80.9#

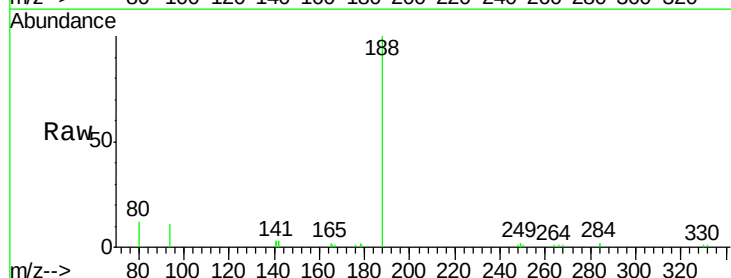


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

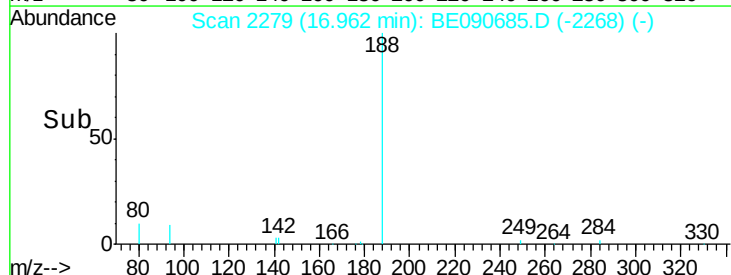
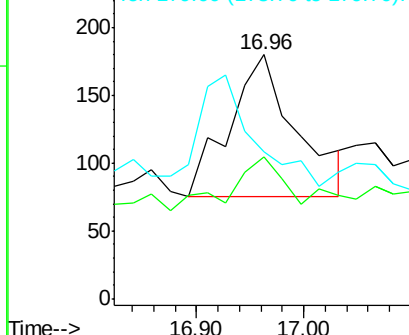


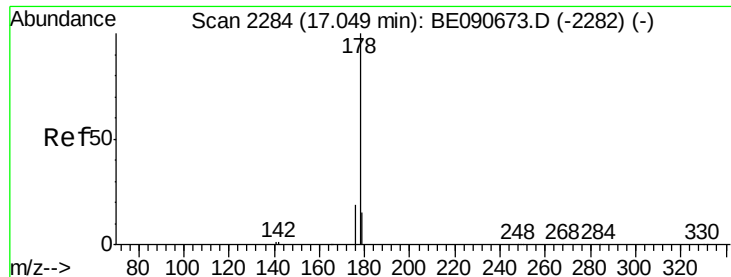
#22
 Phenanthrene
 Concen: 0.01 ng
 RT: 16.96 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE090685.D
 Acq: 2 Sep 2015 2:35

Tgt Ion:178 Resp: 458
 Ion Ratio Lower Upper
 178 100
 176 35.2 15.6 23.4#
 179 0.0 12.8 19.2#



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





#23

Anthracene

Concen: 0.01 ng

RT: 16.96 min Scan# 2279

Delta R.T. -0.09 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

Instrument :

BNA_E

ClientSampleId :

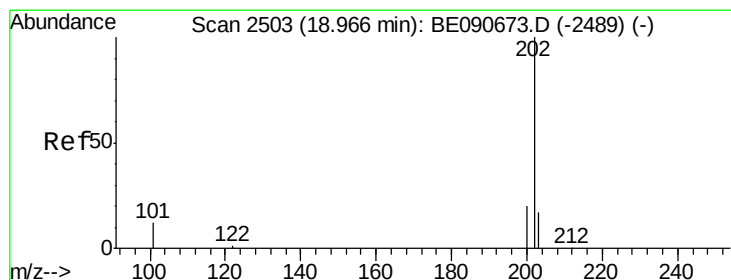
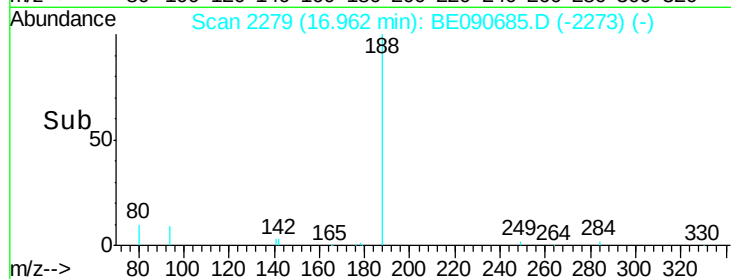
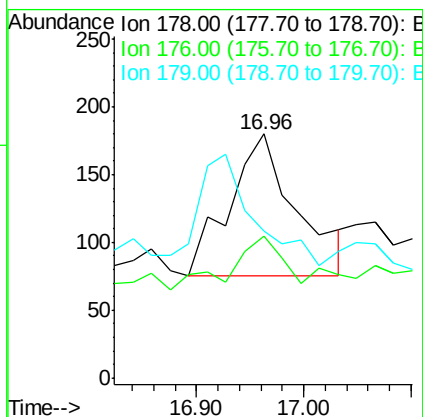
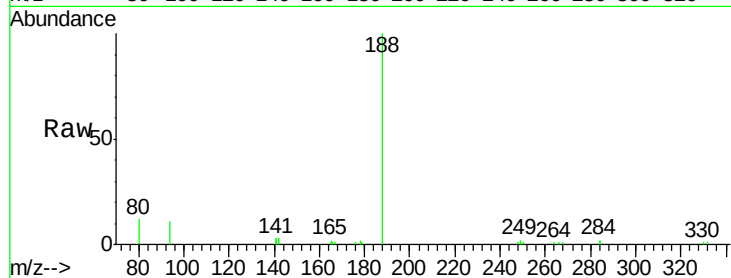
Tot Ion:178 Resp: 458

Ion Ratio Lower Upper

178 100

176 15.3 15.0 22.6

179 0.0 12.3 18.5#



#24

Fluoranthene

Concen: 0.00 ng

RT: 18.98 min Scan# 2506

Delta R.T. 0.01 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

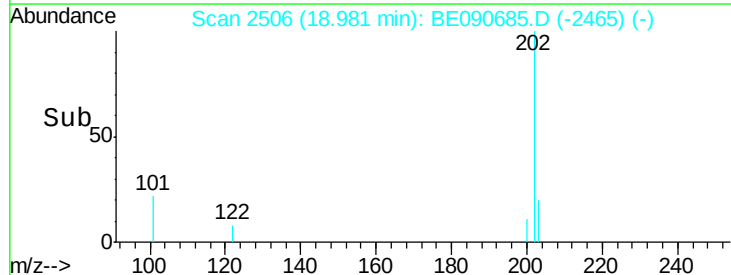
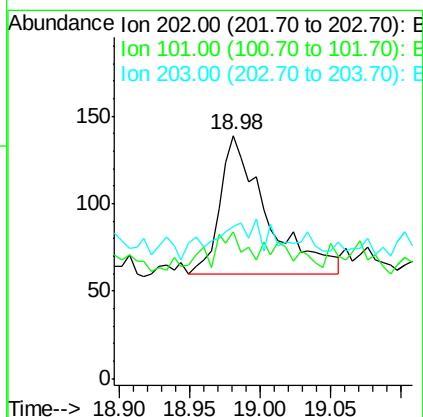
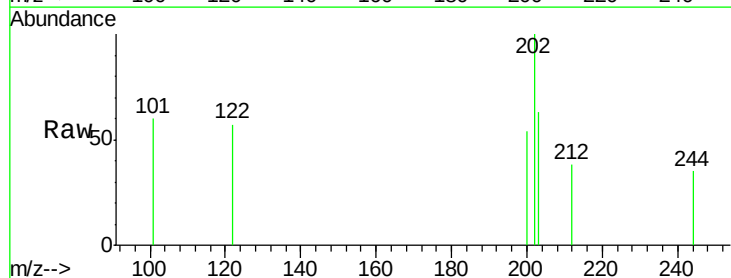
Tgt Ion:202 Resp: 180

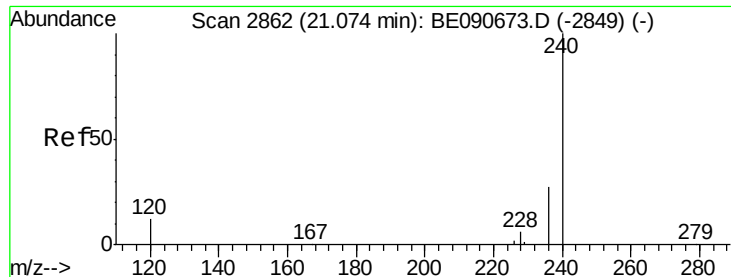
Ion Ratio Lower Upper

202 100

101 21.1 11.0 16.6#

203 0.0 13.9 20.9#





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

Instrument :

BNA_E

ClientSampleId :

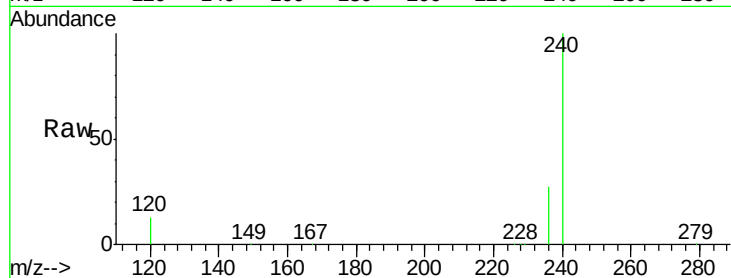
Tot Ion:240 Resp: 293172

Ion Ratio Lower Upper

240 100

120 13.1 10.1 15.1

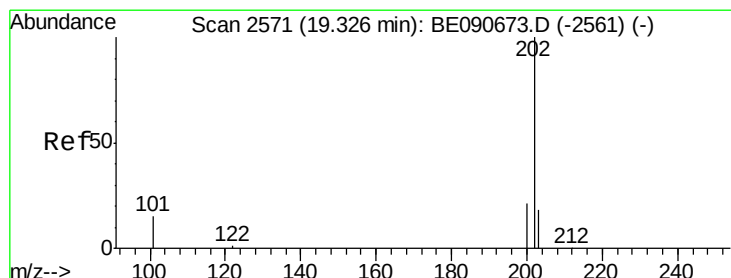
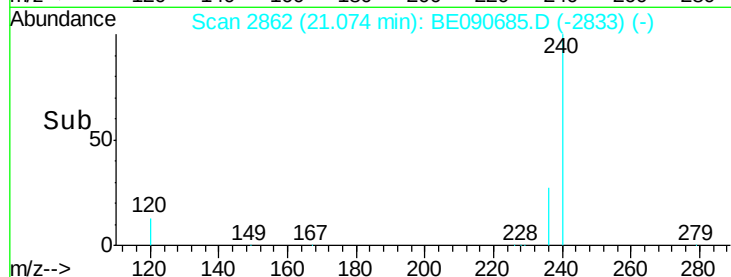
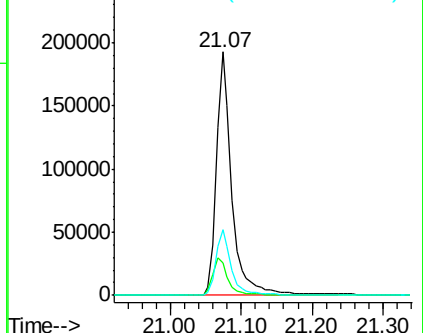
236 26.8 21.9 32.9



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



#26

Pyrene

Concen: 0.00 ng

RT: 19.33 min Scan# 2572

Delta R.T. 0.00 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

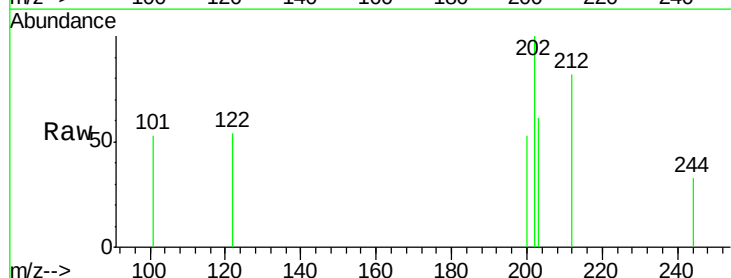
Tgt Ion:202 Resp: 159

Ion Ratio Lower Upper

202 100

200 34.6 16.7 25.1#

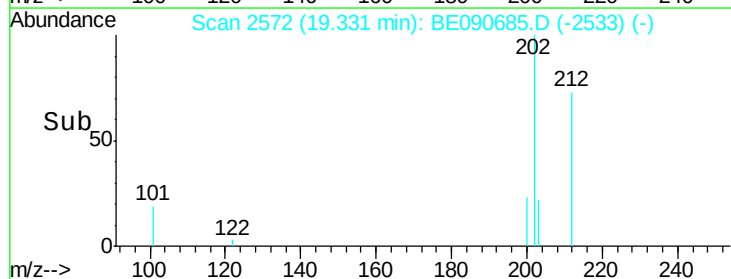
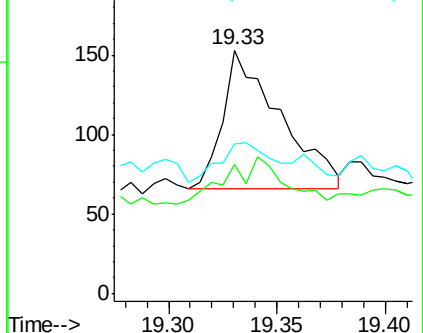
203 24.5 13.8 20.6#

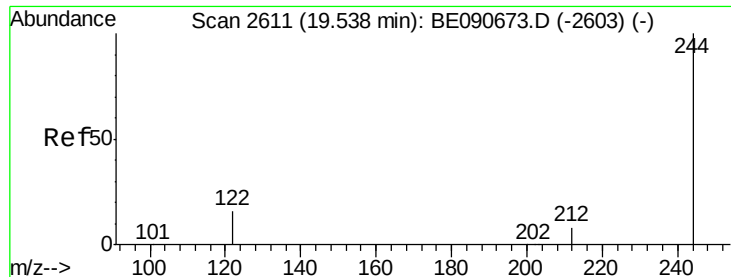


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

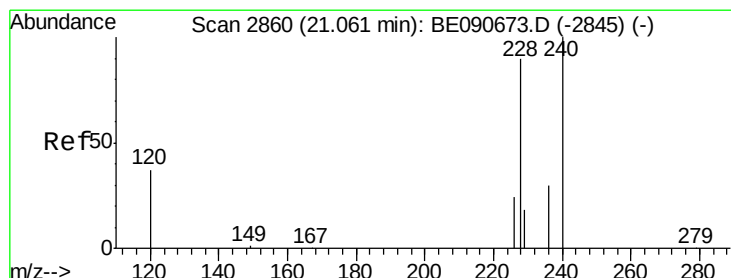
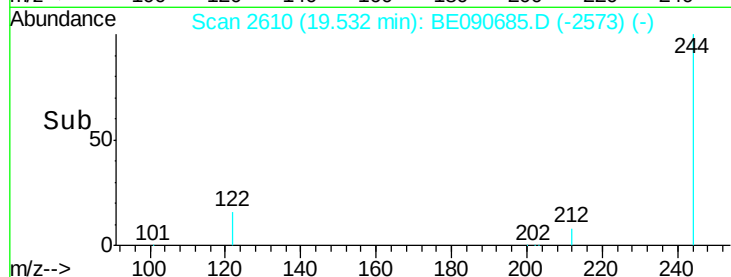
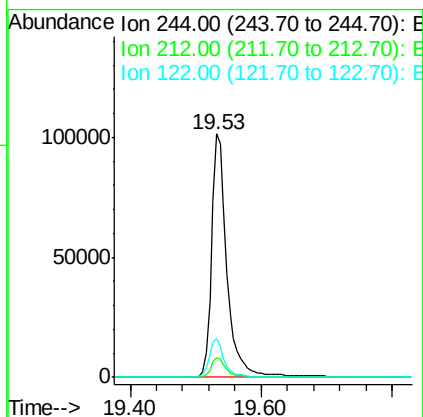
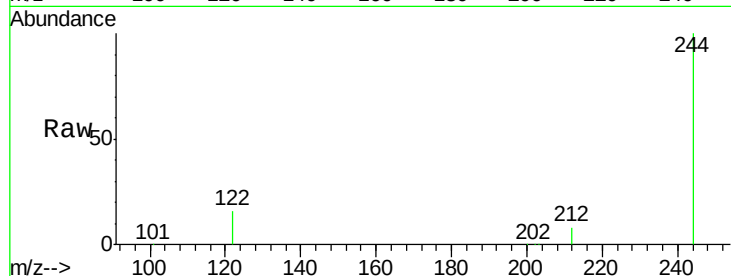




#27
 Terphenyl-d14
 Concen: 5.15 ng
 RT: 19.53 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BE090685.D
 Acq: 2 Sep 2015 2:35

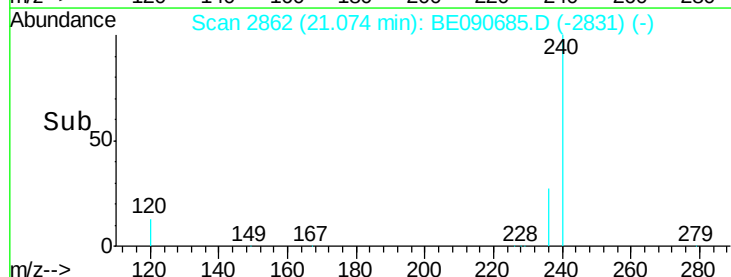
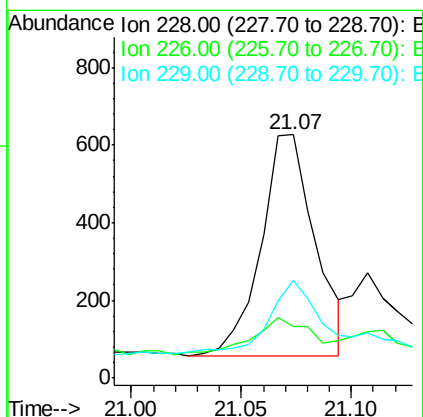
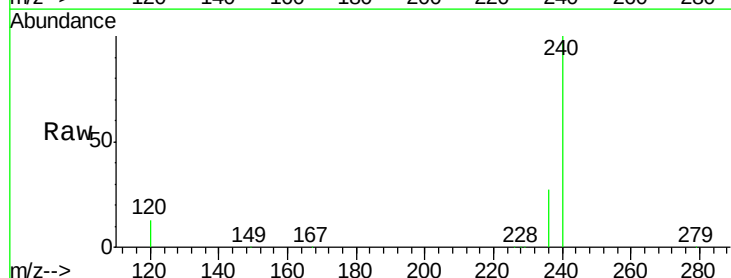
Instrument :
 BNA_E
 ClientSampleId :

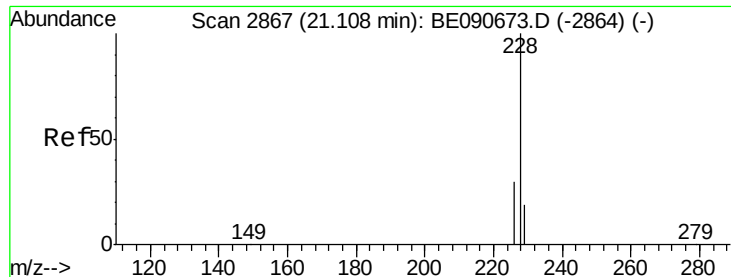
Tot Ion:244 Resp: 166985
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 15.8 12.9 19.3



#28
 Benzo(a)anthracene
 Concen: Below Cal
 RT: 21.07 min Scan# 2862
 Delta R.T. 0.01 min
 Lab File: BE090685.D
 Acq: 2 Sep 2015 2:35

Tgt Ion:228 Resp: 988
 Ion Ratio Lower Upper
 228 100
 226 21.2 21.6 32.4#
 229 40.4 15.9 23.9#





#29

Chrysene

Concen: Below Cal

RT: 21.07 min Scan# 2862

Delta R.T. -0.03 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

Instrument :

BNA_E

ClientSampleId :

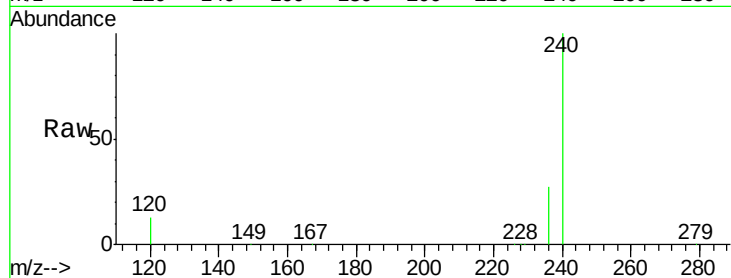
Tot Ion:228 Resp: 988

Ion Ratio Lower Upper

228 100

226 21.2 24.2 36.4#

229 40.4 15.3 22.9#



Abundance Ion 228.00 (227.70 to 228.70): E

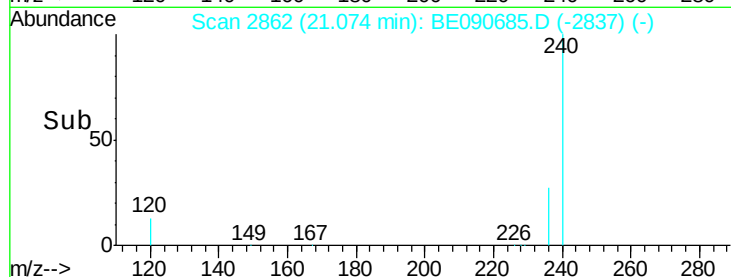
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

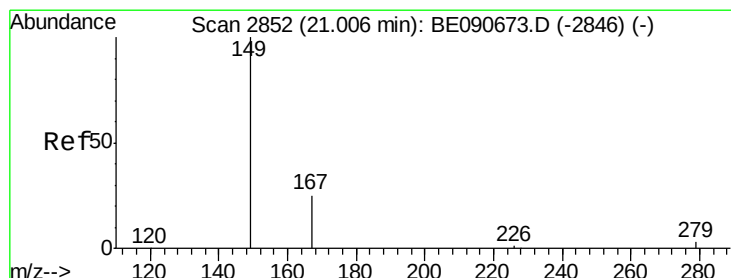
21.07

21.05

21.10



Time-->



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.08 ng

RT: 21.01 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

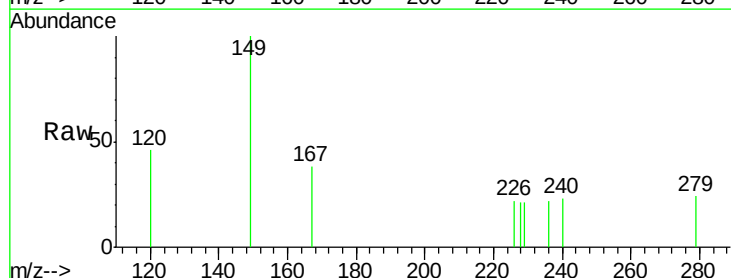
Tgt Ion:149 Resp: 217

Ion Ratio Lower Upper

149 100

167 27.2 20.1 30.1

279 5.5 2.3 3.5#



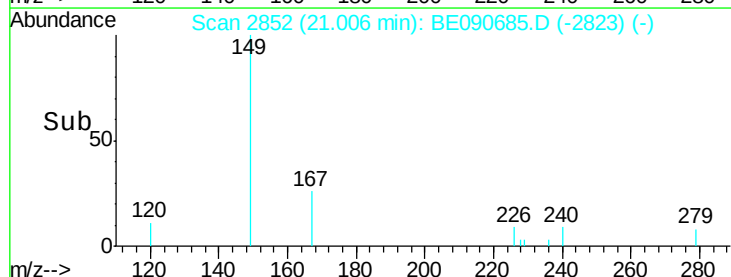
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

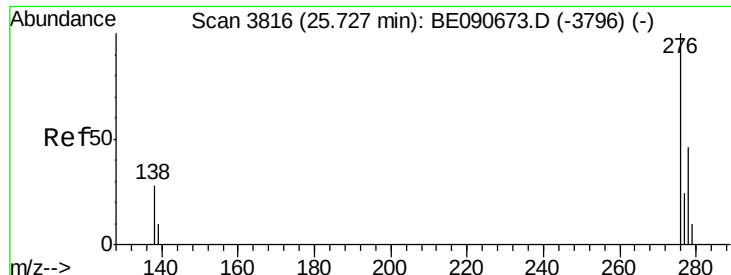
Ion 279.00 (278.70 to 279.70): E

21.01

21.05



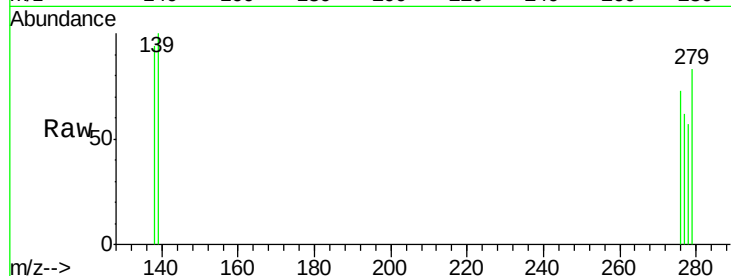
Time-->



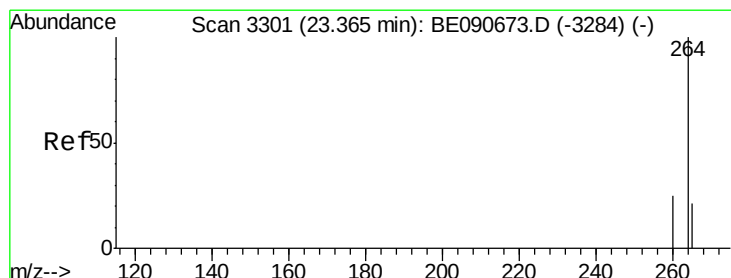
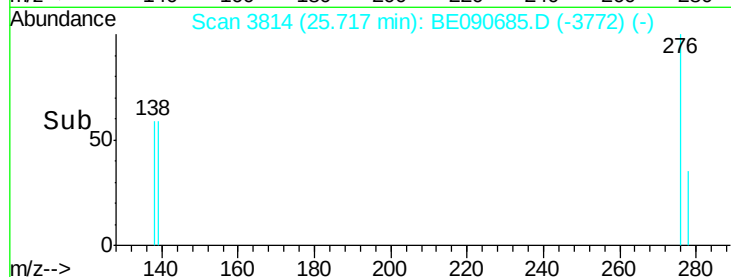
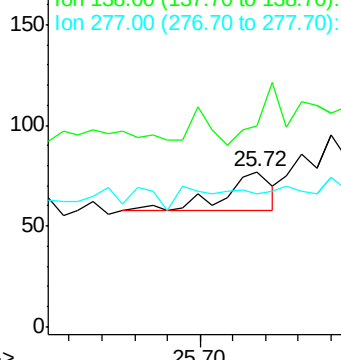
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 25.72 min Scan# 3814
Delta R.T. -0.01 min
Lab File: BE090685.D
Acq: 2 Sep 2015 2:35

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 18
Ion Ratio Lower Upper
276 100
138 88.9 23.3 34.9#
277 0.0 19.8 29.6#

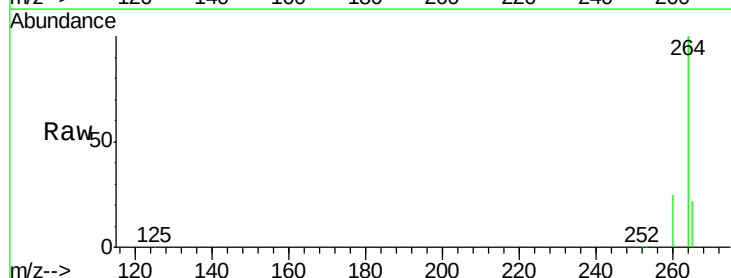


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

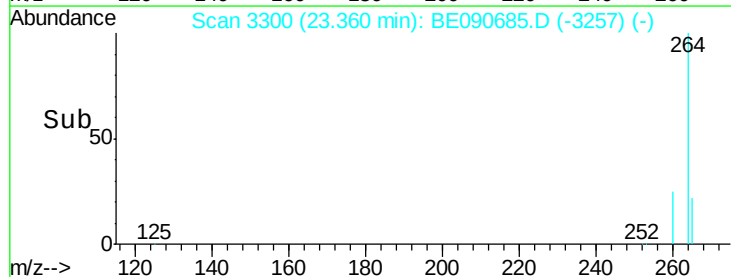
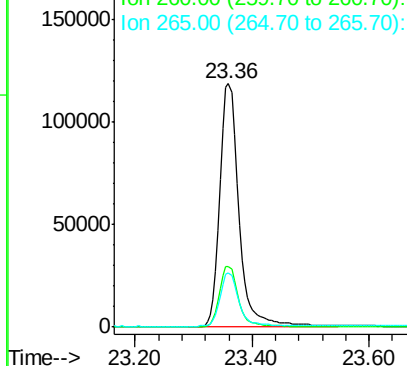


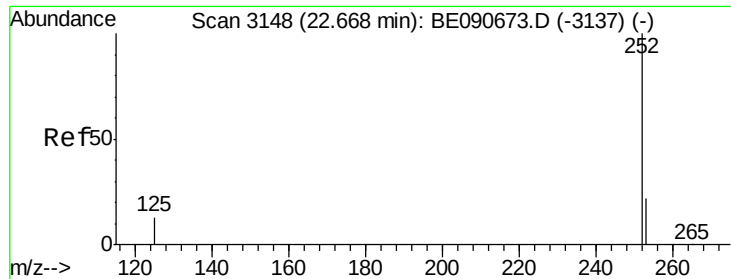
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3300
Delta R.T. -0.00 min
Lab File: BE090685.D
Acq: 2 Sep 2015 2:35

Tgt Ion:264 Resp: 268530
Ion Ratio Lower Upper
264 100
260 25.0 19.7 29.5
265 22.3 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 22.67 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

Instrument :

BNA_E

ClientSampleId :

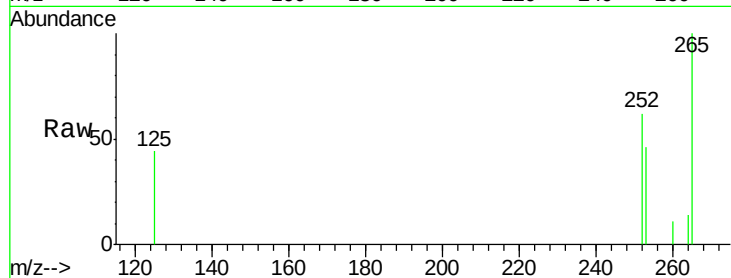
Tot Ion:252 Resp: 302

Ion Ratio Lower Upper

252 100

253 74.4 17.9 26.9#

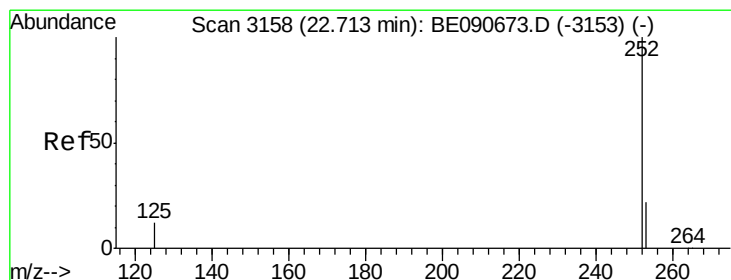
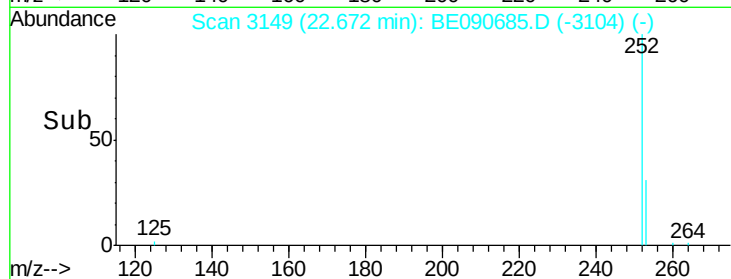
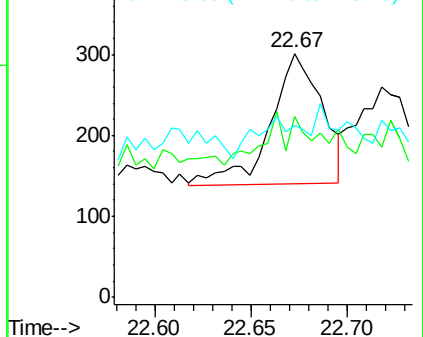
125 70.4 10.6 16.0#



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



#34

Benzo(k)fluoranthene

Concen: 0.00 ng

RT: 22.72 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

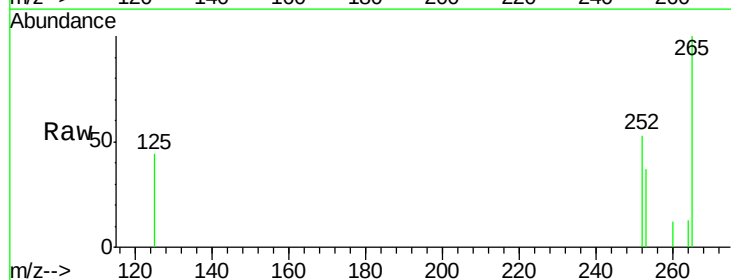
Tgt Ion:252 Resp: 238

Ion Ratio Lower Upper

252 100

253 71.2 17.9 26.9#

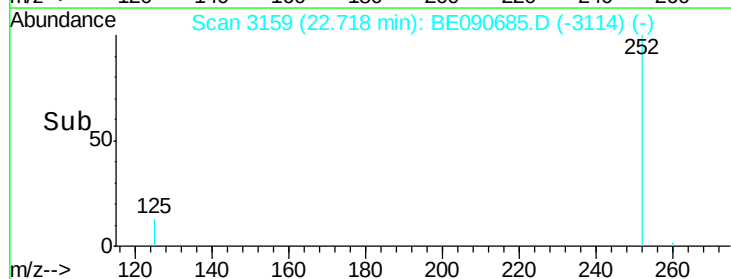
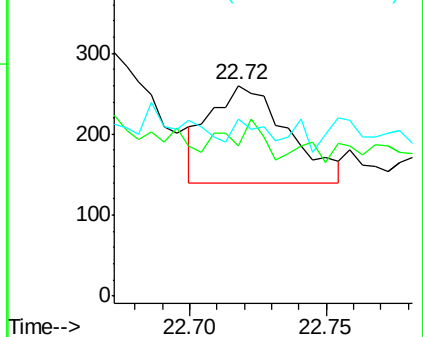
125 84.2 10.1 15.1#

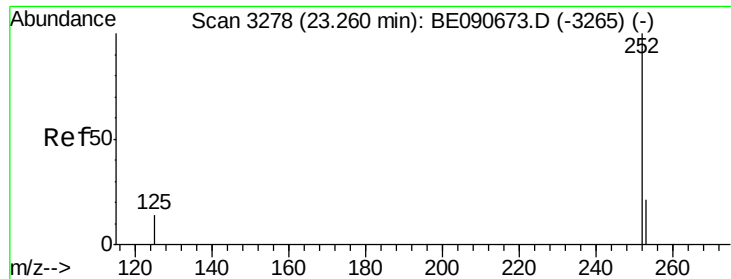


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.00 ng

RT: 23.26 min Scan# 3278

Delta R.T. -0.00 min

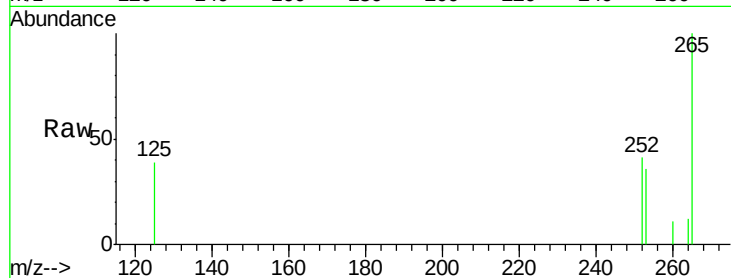
Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

Instrument :

BNA_E

ClientSampleId :



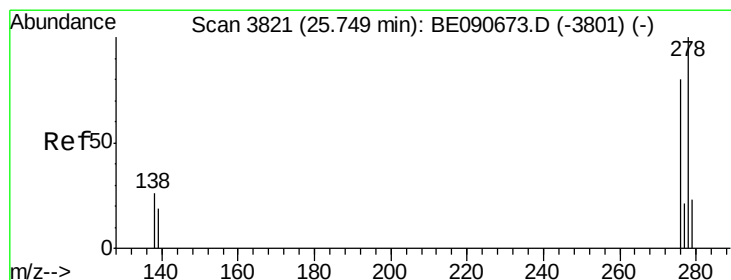
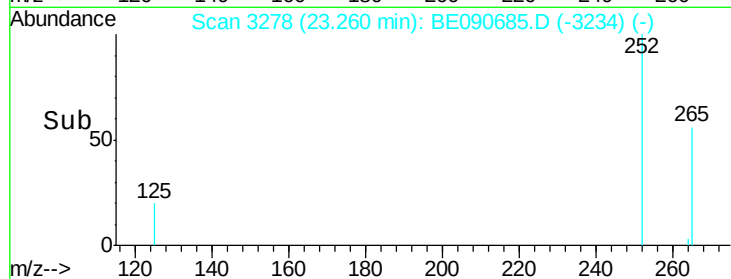
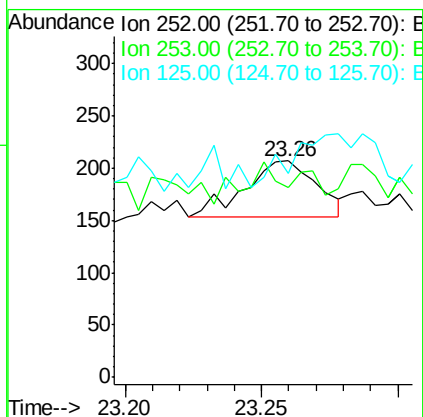
Tot Ion:252 Resp: 99

Ion Ratio Lower Upper

252 100

253 87.4 17.5 26.3#

125 94.2 11.6 17.4#



#36

Dibenzo(a,h)anthracene

Concen: 0.14 ng

RT: 25.74 min Scan# 3818

Delta R.T. -0.01 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

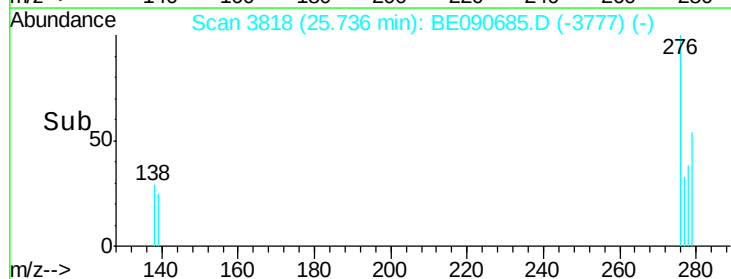
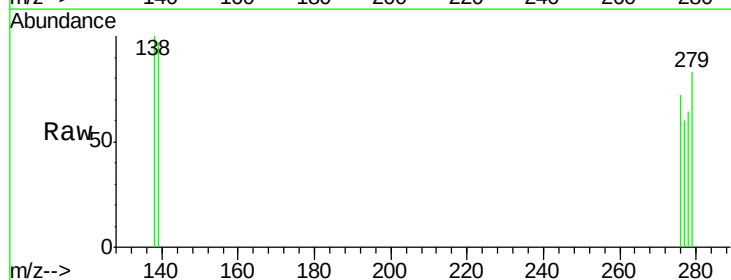
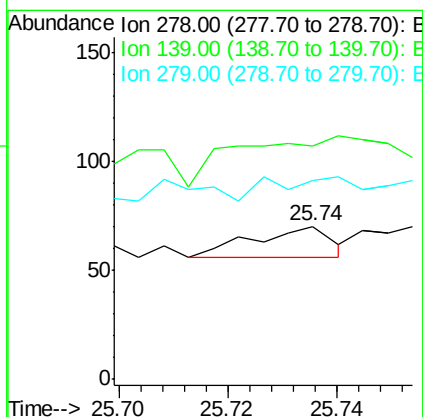
Tgt Ion:278 Resp: 14

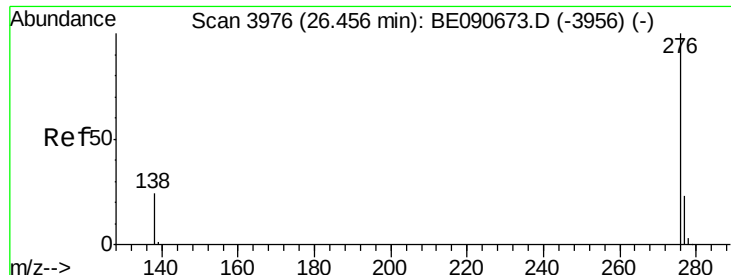
Ion Ratio Lower Upper

278 100

139 152.9 15.4 23.0#

279 130.0 18.8 28.2#





#37

Benzo(a,h,i)perylene

Concen: 0.00 ng

RT: 26.46 min Scan# 3977

Delta R.T. 0.00 min

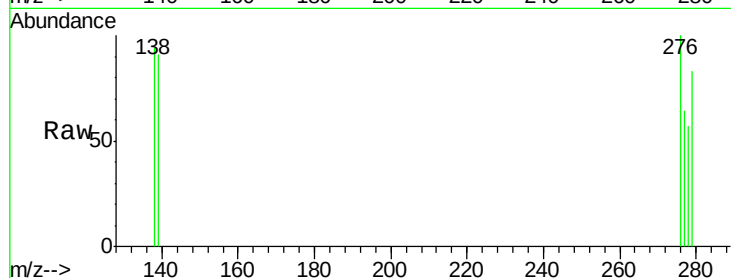
Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

Instrument :

BNA_E

ClientSampleId :



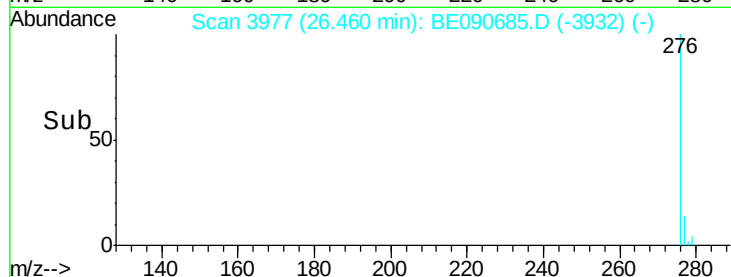
Tot Ion: 276 Resp: 129

Ion Ratio Lower Upper

276 100

277 64.2 18.5 27.7#

138 94.5 20.1 30.1#



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

