

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081315\
 Data File : BE090504.D
 Acq On : 13 Aug 2015 17:39
 Operator : UM/IZ
 Sample : PB84988BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84988BS

Quant Time: Aug 14 04:33:23 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

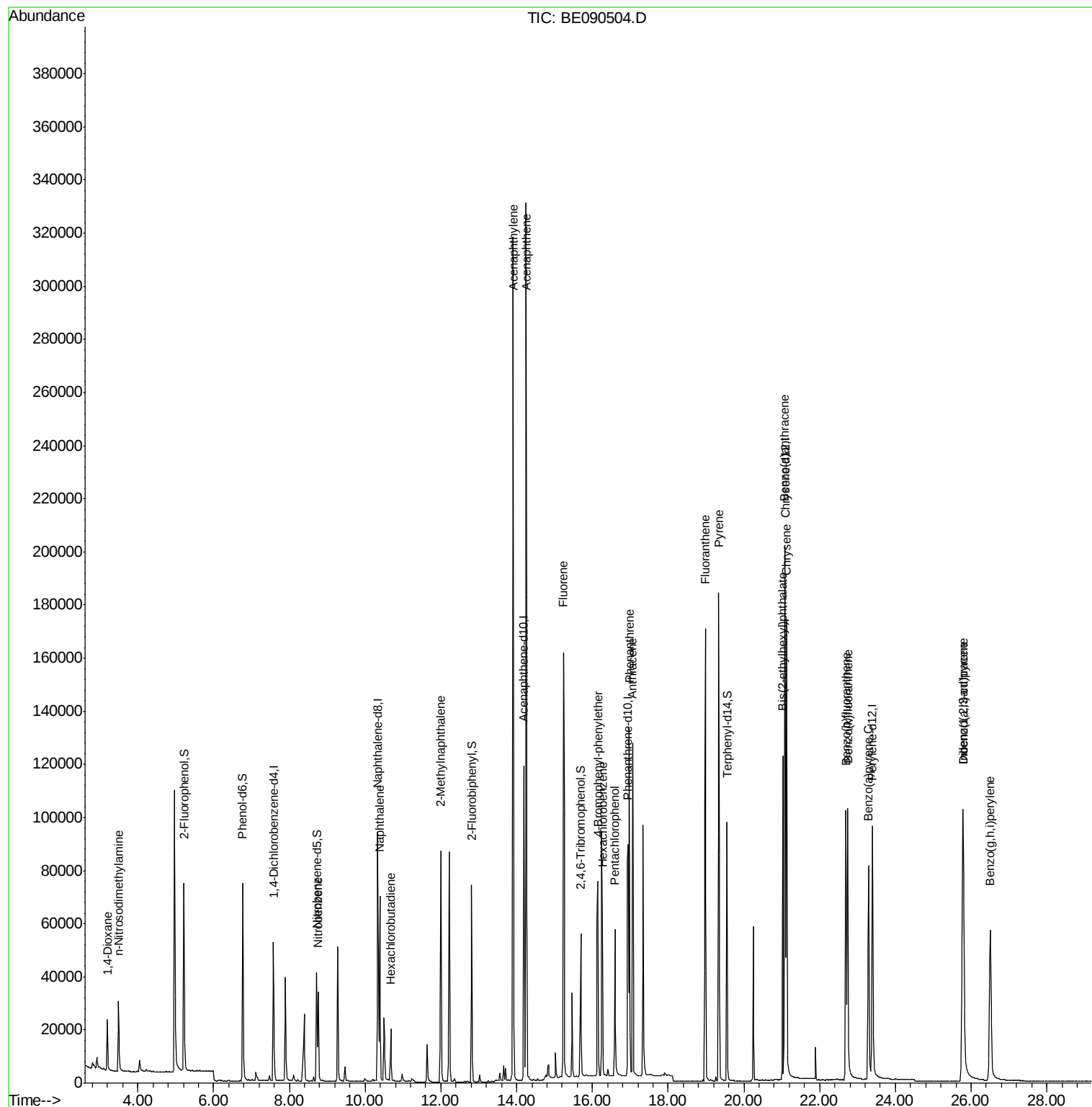
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	25028	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	123556	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	65505	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	141910	5.00	ng	0.00
25) Chrysene-d12	21.09	240	147899	5.00	ng	0.00
32) Perylene-d12	23.40	264	136878	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	54641	14.55	ng	0.00
5) Phenol-d6	6.77	99	83307	10.16	ng	0.00
7) Nitrobenzene-d5	8.72	82	37251	3.76	ng	-0.01
13) 2,4,6-Tribromophenol	15.69	330	22972	10.15	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	69524	3.86	ng	0.00
27) Terphenyl-d14	19.55	244	99529	4.57	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	10745	3.61	ng	# 91
3) n-Nitrosodimethylamine	3.49	42	15025	3.88	ng	# 72
8) Nitrobenzene	8.76	77	37398	3.54	ng	94
9) Naphthalene	10.38	128	92391	3.39	ng	98
10) Hexachlorobutadiene	10.68	225	13337	3.21	ng	99
11) 2-Methylnaphthalene	12.00	142	63064	3.99	ng	97
15) Acenaphthylene	13.91	152	412046	3.88	ng	100
16) Acenaphthene	14.26	154	62929	3.82	ng	# 76
17) Fluorene	15.24	166	80213	3.74	ng	97
19) 4-Bromophenyl-phenylether	16.14	248	22055	4.00	ng	83
20) Hexachlorobenzene	16.27	284	92211	3.23	ng	96
21) Pentachlorophenol	16.60	266	25842	9.88	ng	89
22) Phenanthrene	16.98	178	135287	3.81	ng	100
23) Anthracene	17.07	178	133927	4.59	ng	100
24) Fluoranthene	18.98	202	153285	4.39	ng	98
26) Pyrene	19.34	202	161352	5.03	ng	99
28) Benzo(a)anthracene	21.08	228	145484	4.44	ng	99
29) Chrysene	21.13	228	146517	3.70	ng	97
30) Bis(2-ethylhexyl)phthalate	21.03	149	101849	7.28	ng	97
31) Indeno(1,2,3-cd)pyrene	25.78	276	147877	4.18	ng	# 91
33) Benzo(b)fluoranthene	22.70	252	131927	4.29	ng	99
34) Benzo(k)fluoranthene	22.74	252	142789	3.75	ng	98
35) Benzo(a)pyrene	23.29	252	131307	4.51	ng	98
36) Dibenzo(a,h)anthracene	25.80	278	119017	4.20	ng	97
37) Benzo(g,h,i)perylene	26.51	276	129285	5.12	ng	95

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

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Quant Time: Aug 14 04:33:23 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
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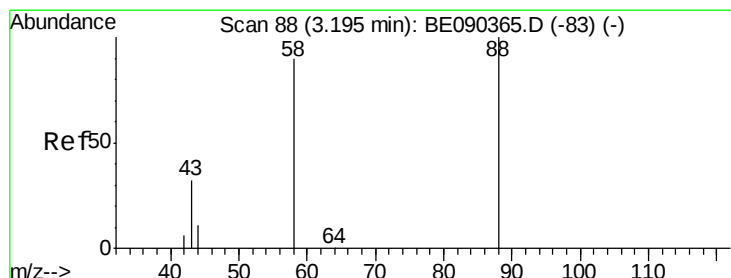
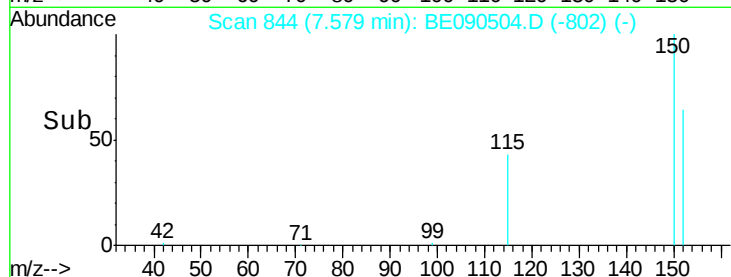
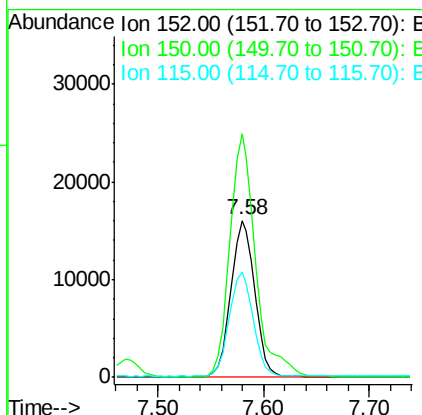
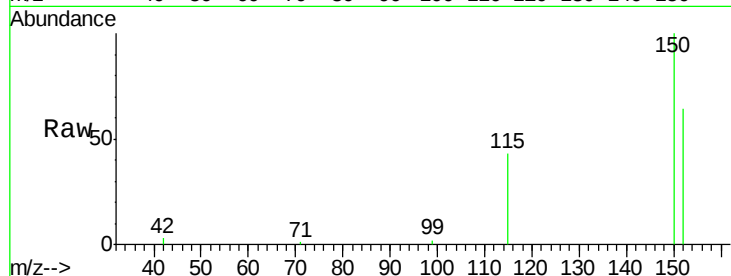




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.58 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BE090504.D
 Acq: 13 Aug 2015 17:39

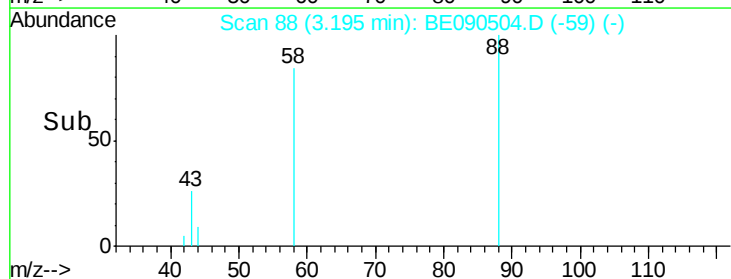
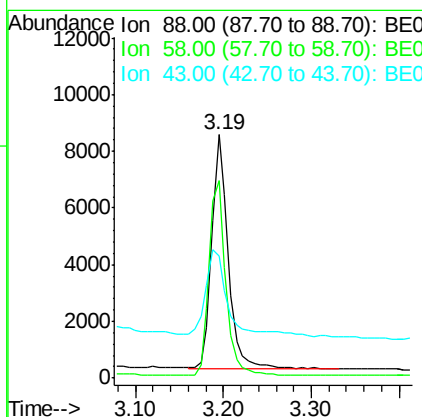
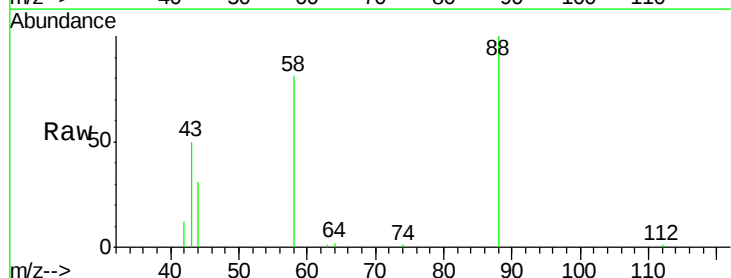
Instrument :
 BNA_E
 ClientSampleId :
 PB84988BS

Tgt Ion:152 Resp: 25028
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.0 184.4
 115 67.1 48.9 73.3



#2
 1,4-Dioxane
 Concen: 3.61 ng
 RT: 3.19 min Scan# 88
 Delta R.T. -0.00 min
 Lab File: BE090504.D
 Acq: 13 Aug 2015 17:39

Tgt Ion: 88 Resp: 10745
 Ion Ratio Lower Upper
 88 100
 58 85.2 70.0 105.0
 43 49.9 28.4 42.6#



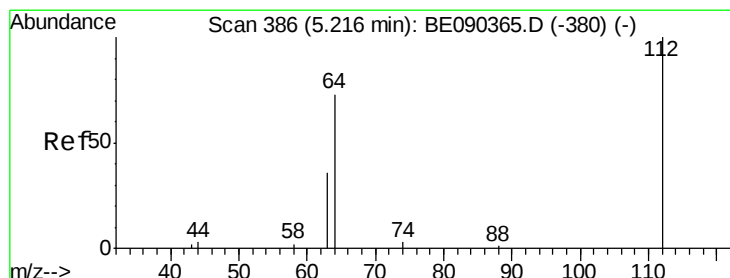
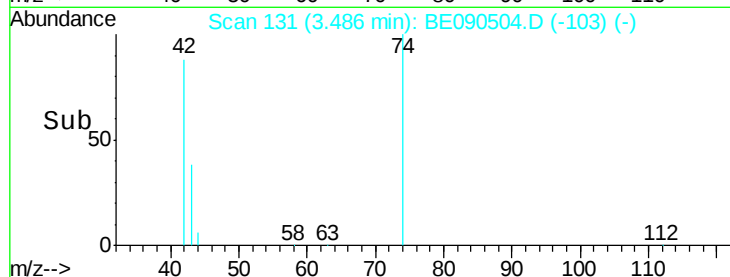
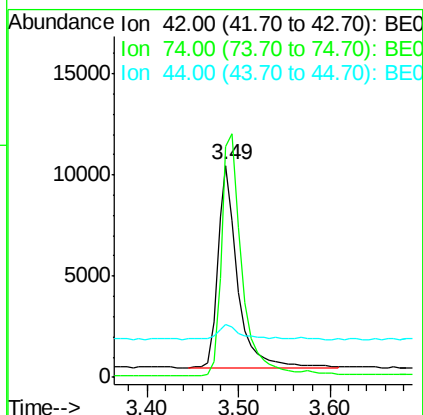
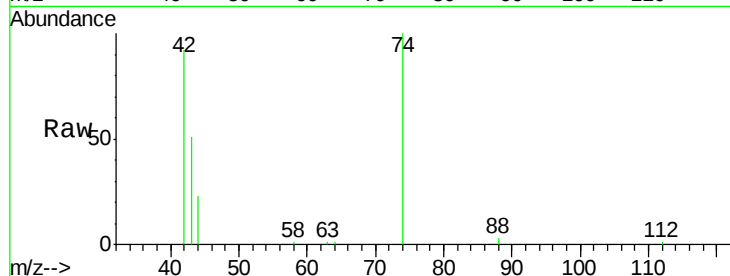


#3

n-Nitrosodimethylamine
 Concen: 3.88 ng
 RT: 3.49 min Scan# 131
 Delta R.T. -0.01 min
 Lab File: BE090504.D
 Acq: 13 Aug 2015 17:39

Instrument :
 BNA_E
 ClientSampleId :
 PB84988BS

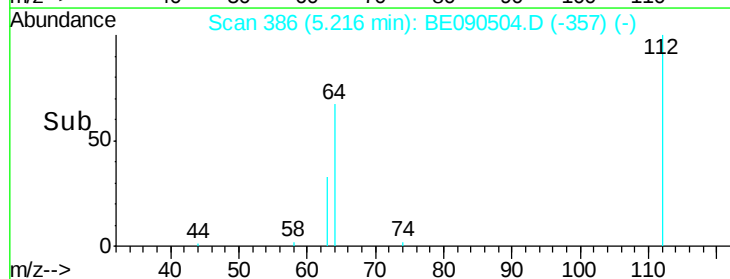
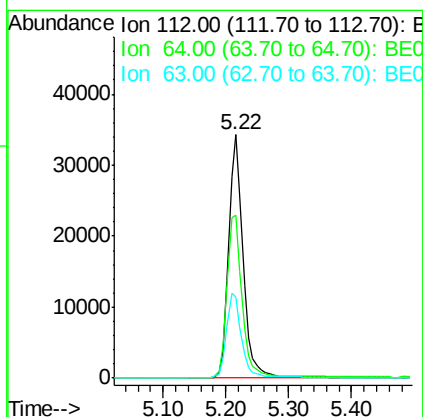
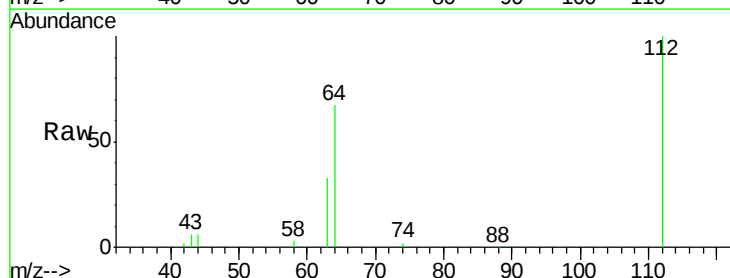
Tgt Ion: 42 Resp: 15025
 Ion Ratio Lower Upper
 42 100
 74 123.7 75.2 112.8#
 44 8.6 8.7 13.1#

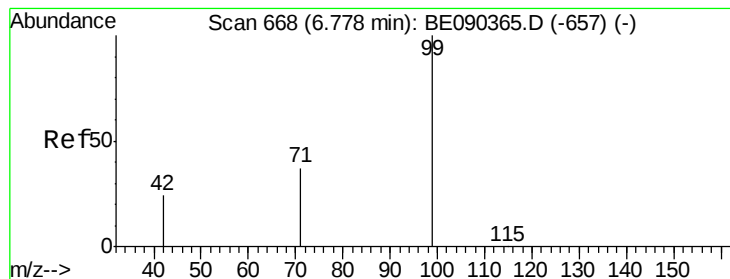


#4

2-Fluorophenol
 Concen: 14.55 ng
 RT: 5.22 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: BE090504.D
 Acq: 13 Aug 2015 17:39

Tgt Ion: 112 Resp: 54641
 Ion Ratio Lower Upper
 112 100
 64 70.4 37.1 55.7#
 63 35.9 19.5 29.3#





#5

Phenol-d6

Concen: 10.16 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090504.D

Acq: 13 Aug 2015 17:39

Instrument :

BNA_E

ClientSampleId :

PB84988BS

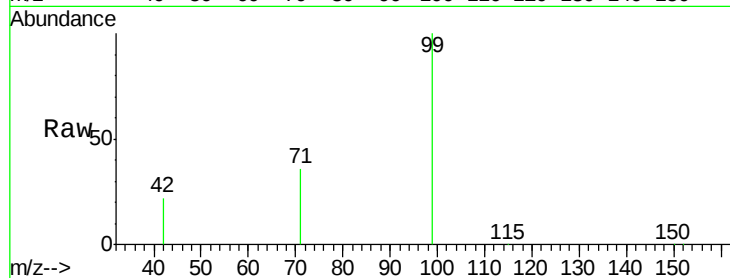
Tgt Ion: 99 Resp: 83307

Ion Ratio Lower Upper

99 100

42 20.6 18.2 27.4

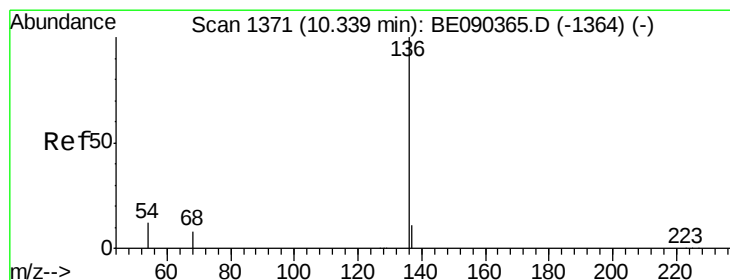
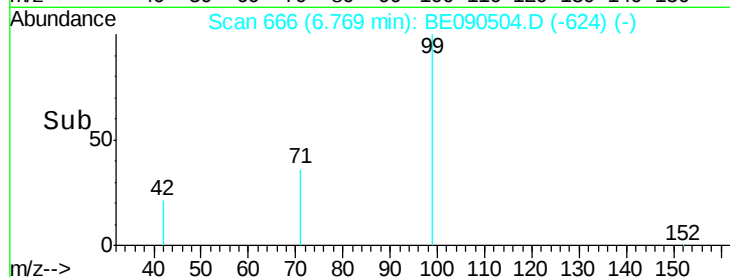
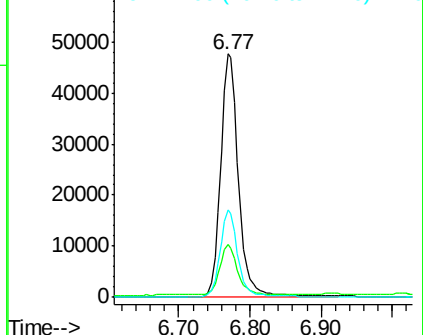
71 35.4 27.4 41.0



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: 10.34 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BE090504.D

Acq: 13 Aug 2015 17:39

Tgt Ion: 136 Resp: 123556

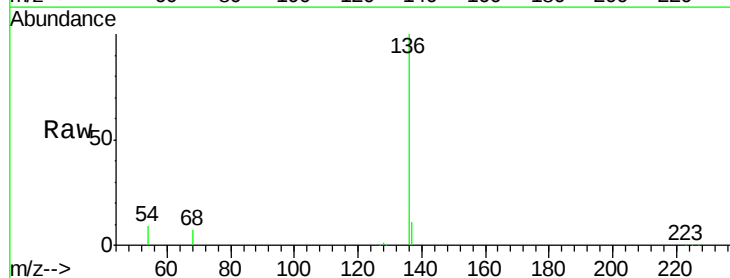
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.4 9.4 14.0

68 7.3 6.5 9.7

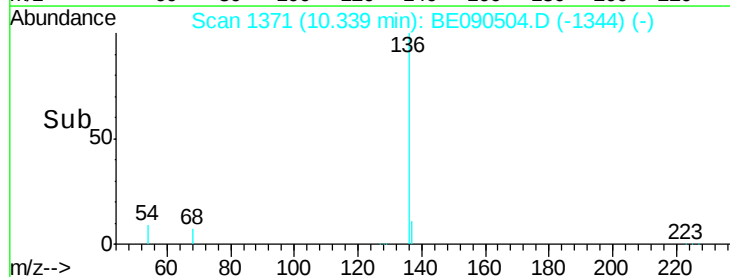
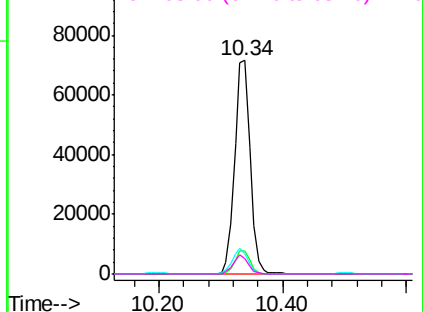


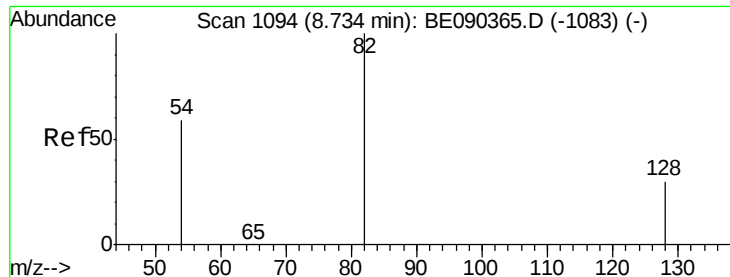
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.76 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BE090504.D

Acq: 13 Aug 2015 17:39

Instrument :

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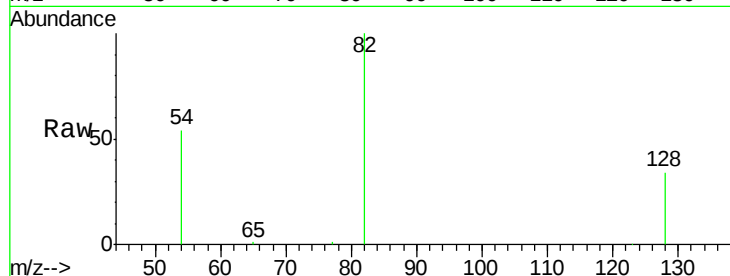
Tgt Ion: 82 Resp: 37251

Ion Ratio Lower Upper

82 100

128 33.8 25.0 37.6

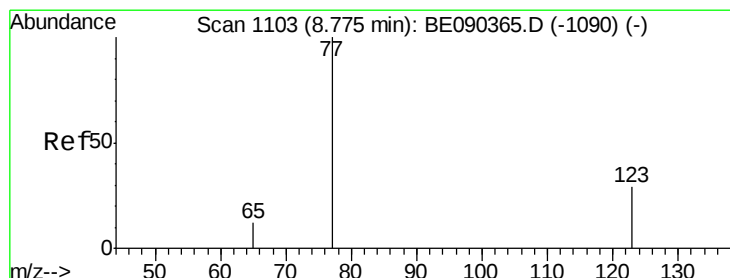
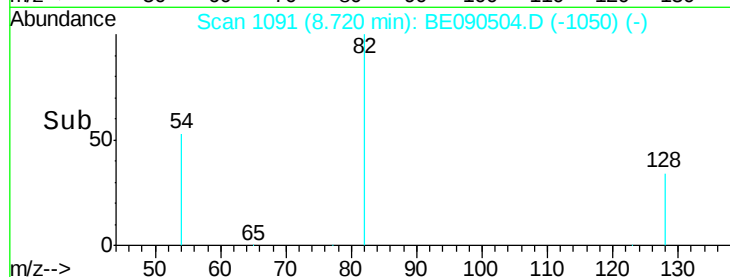
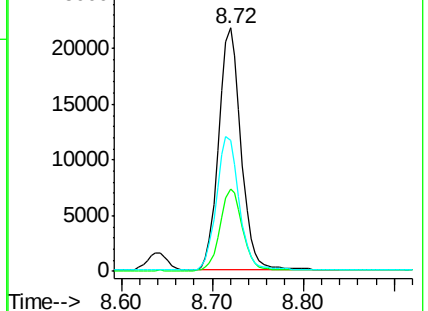
54 53.6 48.8 73.2



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: 3.54 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BE090504.D

Acq: 13 Aug 2015 17:39

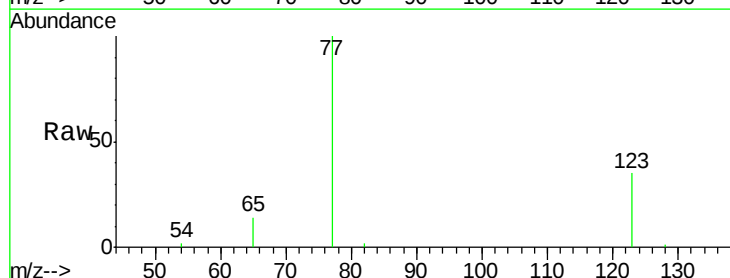
Tgt Ion: 77 Resp: 37398

Ion Ratio Lower Upper

77 100

123 35.2 25.1 37.7

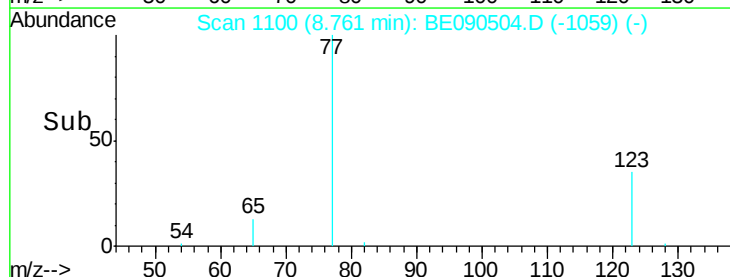
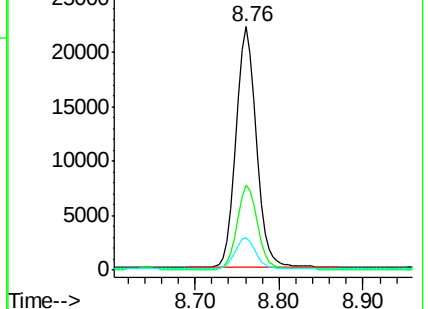
65 13.4 9.3 13.9



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: 3.39 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BE090504.D

Acq: 13 Aug 2015 17:39

Instrument :

BNA_E

ClientSampleId :

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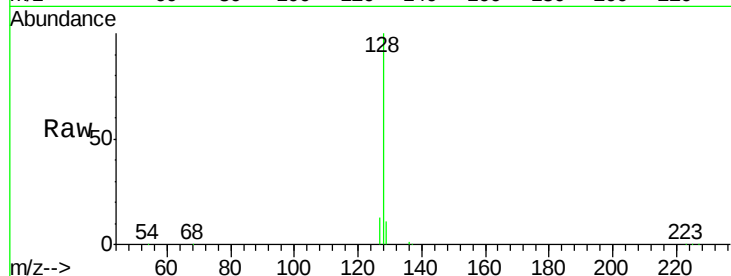
Tgt Ion:128 Resp: 92391

Ion Ratio Lower Upper

128 100

129 11.2 9.8 14.6

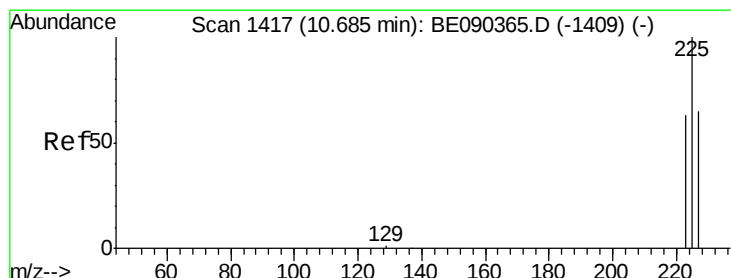
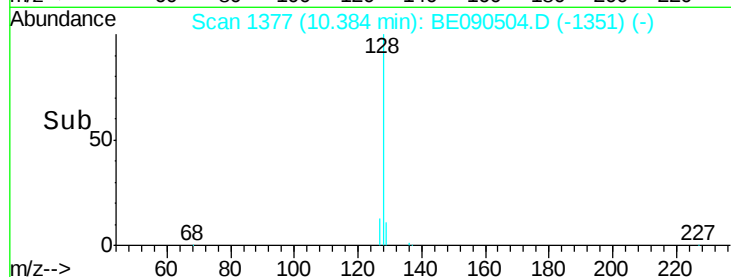
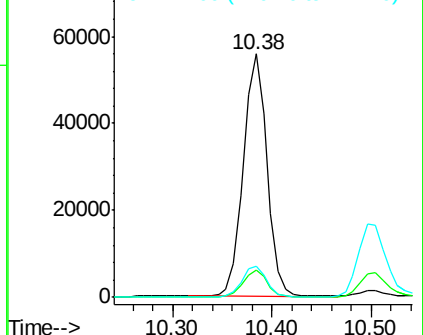
127 12.8 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 3.21 ng

RT: 10.68 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BE090504.D

Acq: 13 Aug 2015 17:39

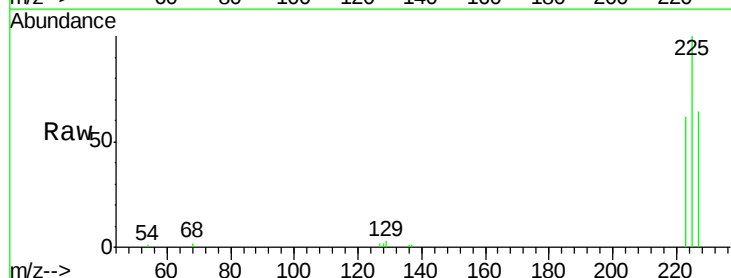
Tgt Ion:225 Resp: 13337

Ion Ratio Lower Upper

225 100

223 63.6 50.6 75.8

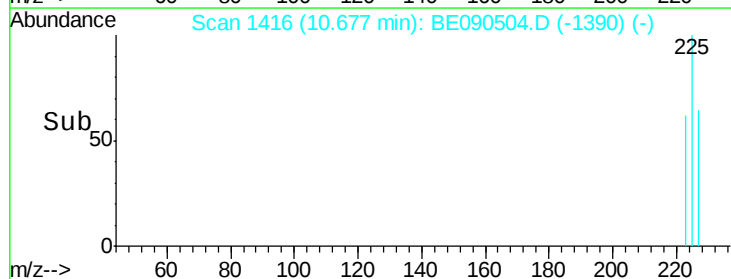
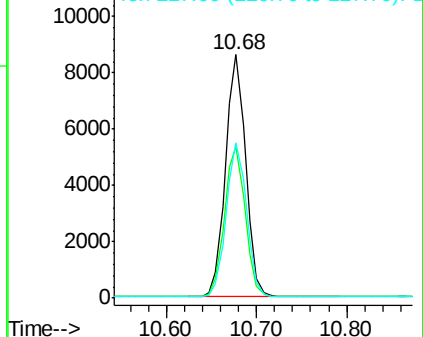
227 64.2 50.7 76.1



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

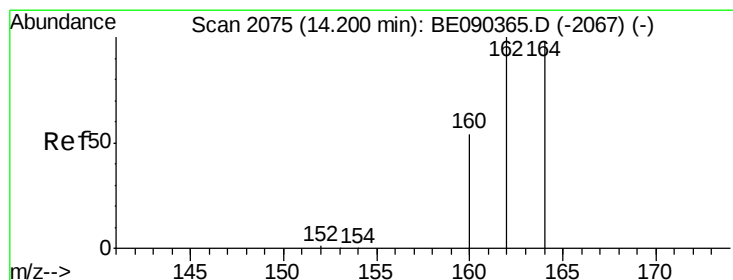
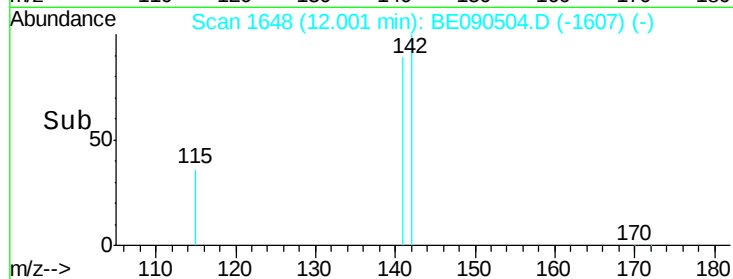
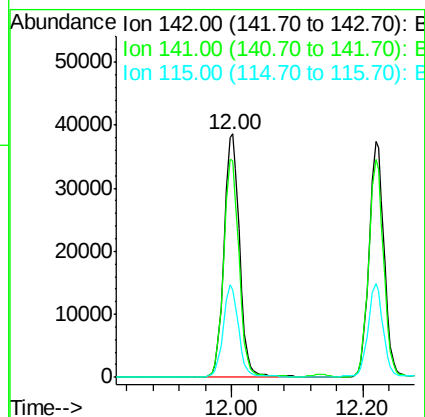
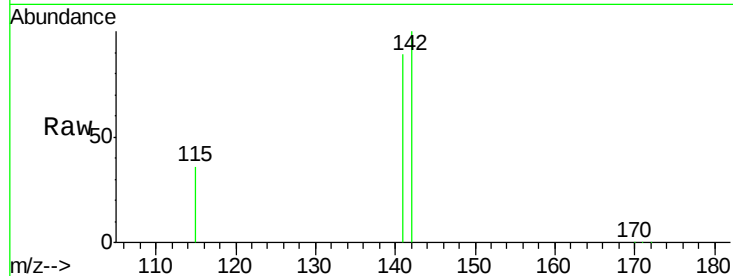




#11
 2-Methylnaphthalene
 Concen: 3.99 ng
 RT: 12.00 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BE090504.D
 Acq: 13 Aug 2015 17:39

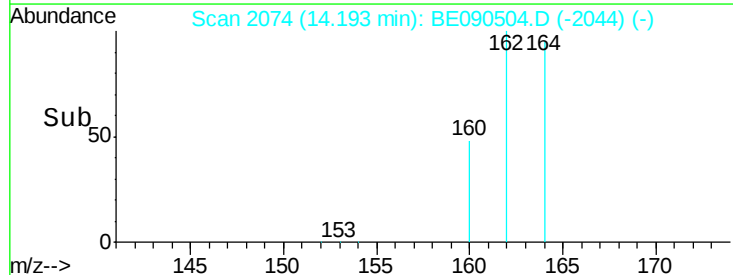
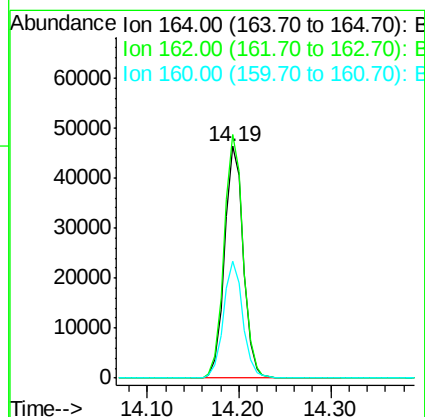
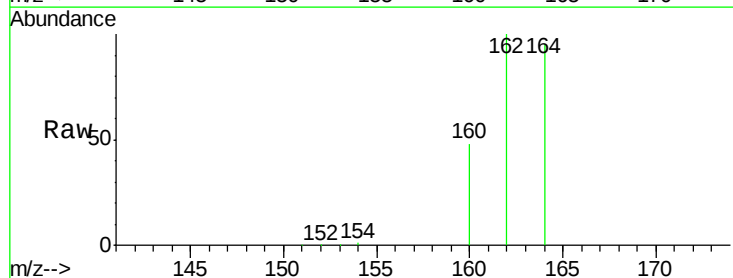
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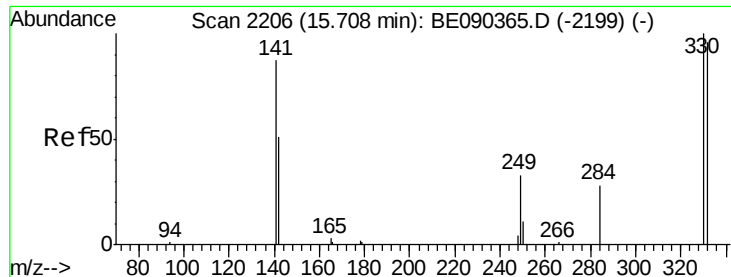
Tgt Ion:142 Resp: 63064
 Ion Ratio Lower Upper
 142 100
 141 89.1 72.6 109.0
 115 36.0 31.6 47.4



#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.19 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BE090504.D
 Acq: 13 Aug 2015 17:39

Tgt Ion:164 Resp: 65505
 Ion Ratio Lower Upper
 164 100
 162 105.0 81.8 122.8
 160 50.2 44.2 66.4

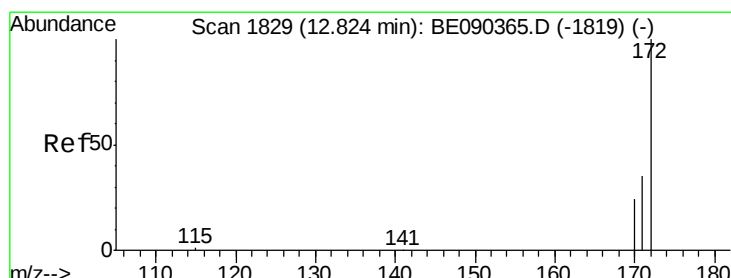
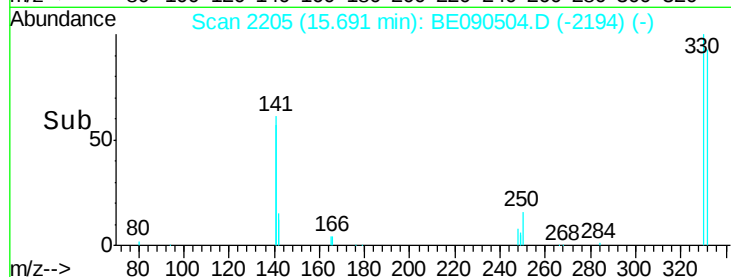
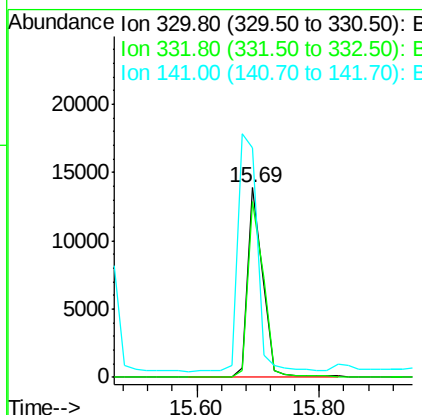
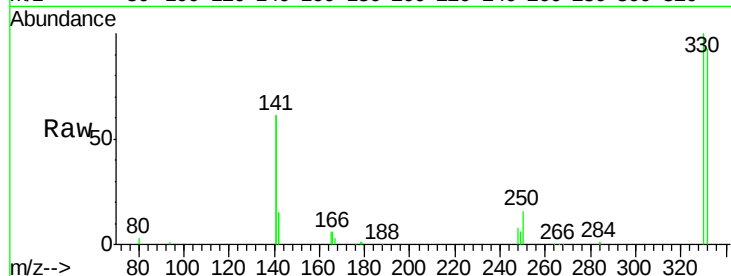




#13
 2,4,6-Tribromophenol
 Concen: 10.15 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090504.D
 Acq: 13 Aug 2015 17:39

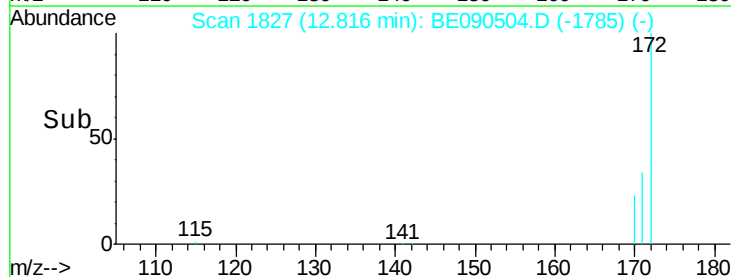
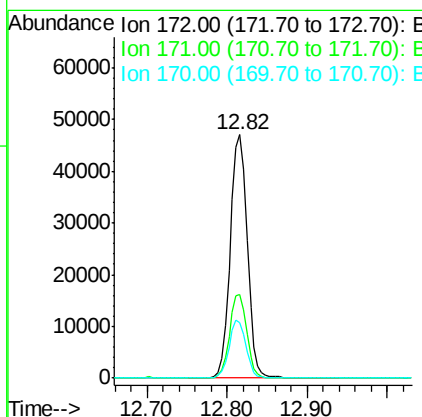
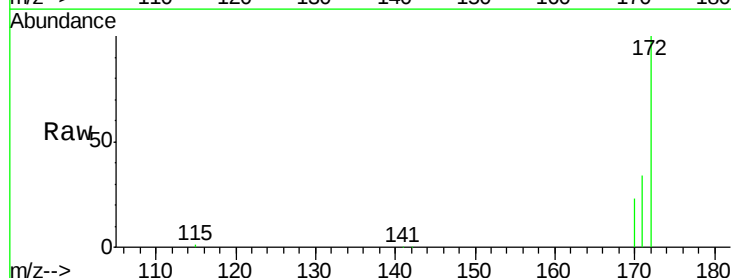
Instrument :
 BNA_E
 ClientSampleId :
 PB84988BS

Tgt Ion:330 Resp: 22972
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.8 113.6
 141 164.3 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 3.86 ng
 RT: 12.82 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BE090504.D
 Acq: 13 Aug 2015 17:39

Tgt Ion:172 Resp: 69524
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.5 42.7
 170 22.8 19.8 29.8





#15

Acenaphthylene

Concen: 3.88 ng

RT: 13.91 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BE090504.D

Acq: 13 Aug 2015 17:39

Instrument :

BNA_E

ClientSampleId :

PB84988BS

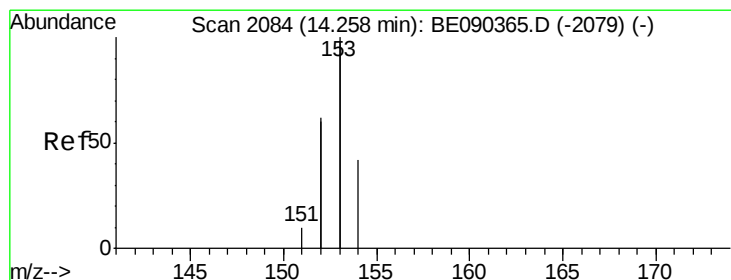
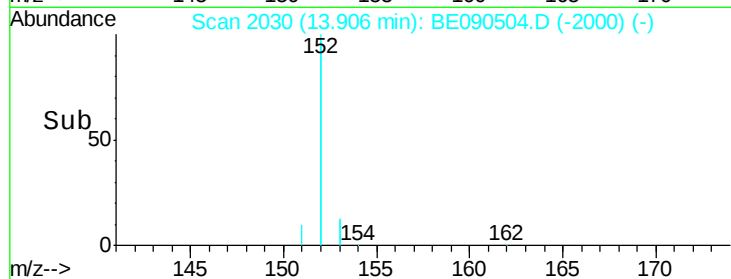
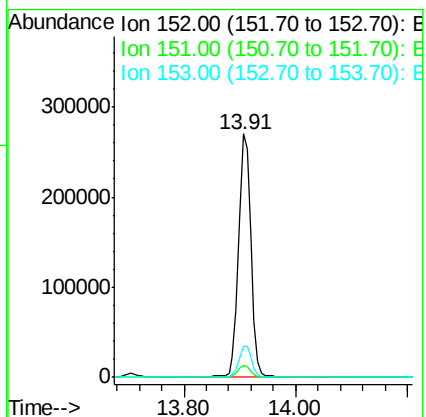
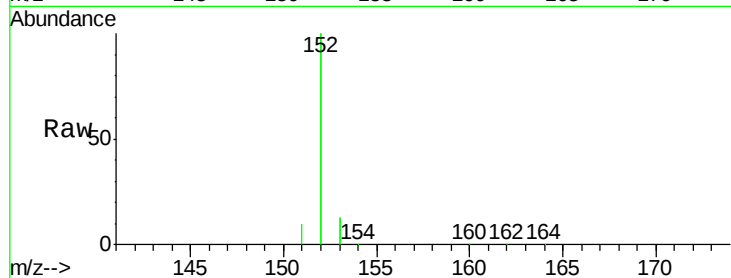
Tgt Ion:152 Resp: 412046

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

153 13.0 10.3 15.5



#16

Acenaphthene

Concen: 3.82 ng

RT: 14.26 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BE090504.D

Acq: 13 Aug 2015 17:39

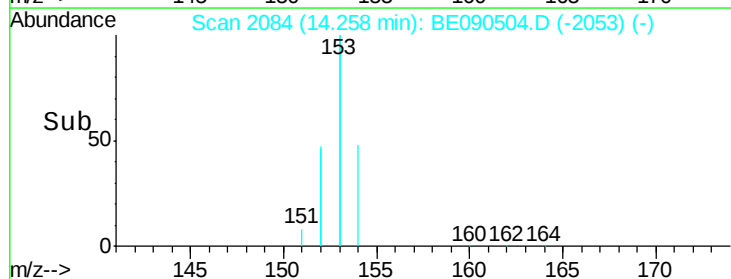
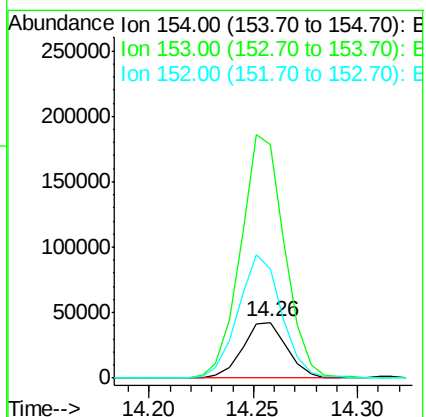
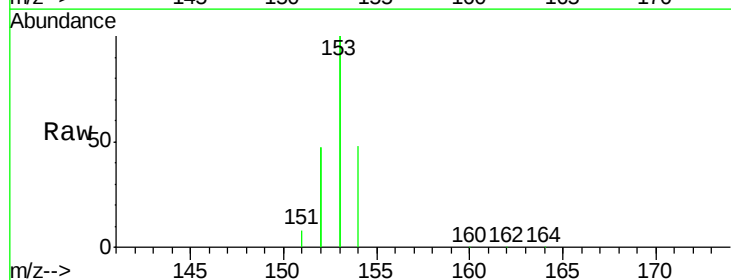
Tgt Ion:154 Resp: 62929

Ion Ratio Lower Upper

154 100

153 432.5 376.2 564.2

152 216.4 235.0 352.4#

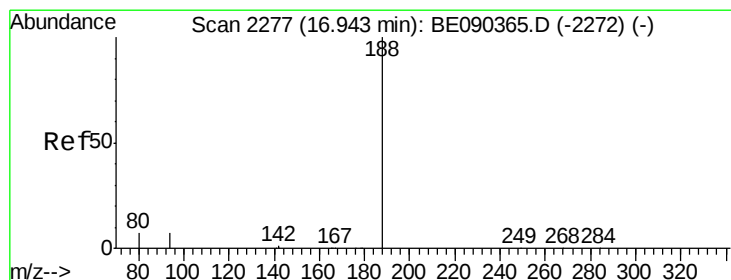
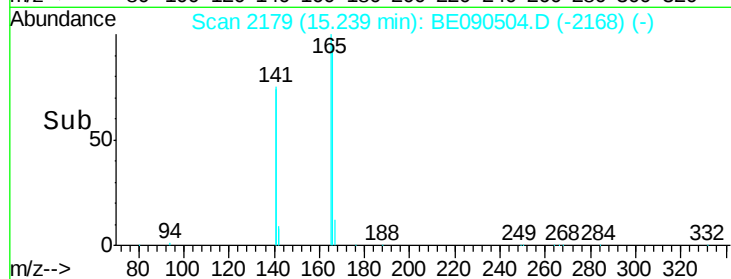
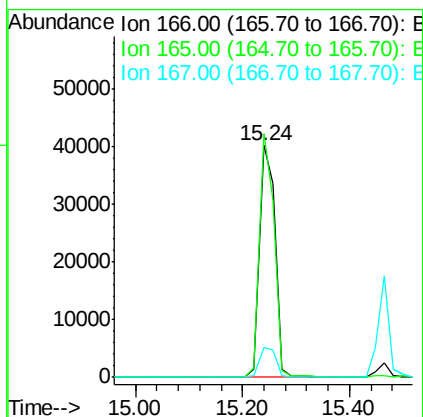
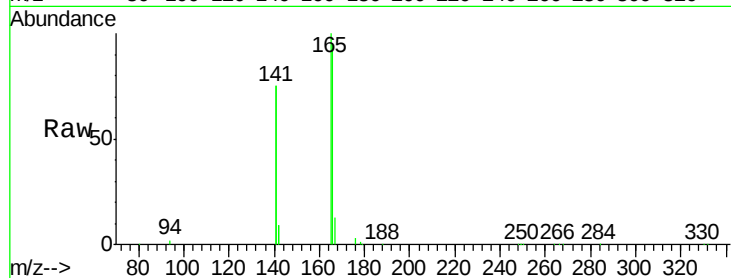




#17
Fluorene
 Concen: 3.74 ng
 RT: 15.24 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BE090504.D
 Acq: 13 Aug 2015 17:39

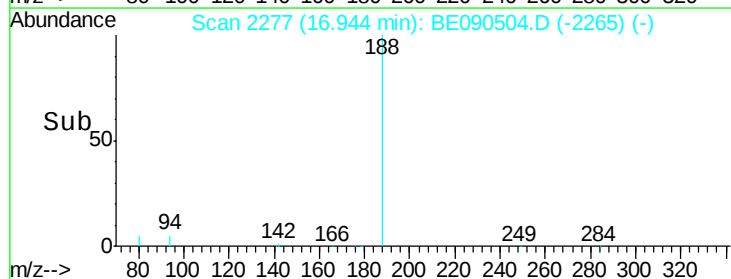
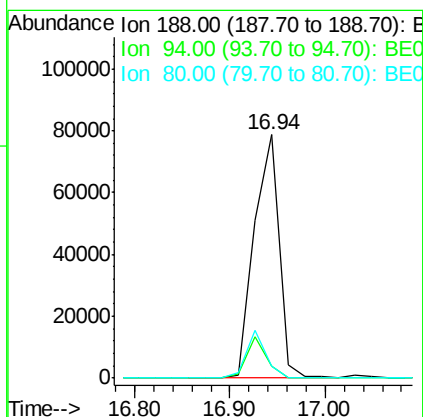
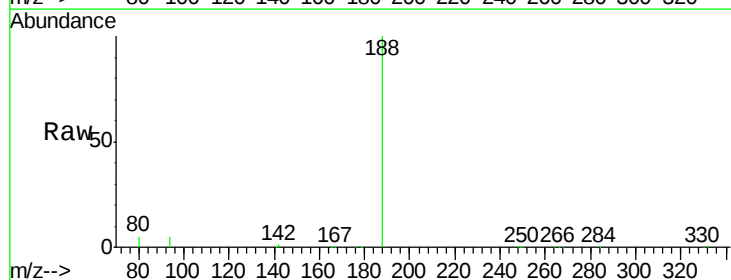
Instrument :
 BNA_E
 ClientSampleId :
 PB84988BS

Tgt Ion:166 Resp: 80213
 Ion Ratio Lower Upper
 166 100
 165 99.1 81.5 122.3
 167 13.4 11.4 17.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BE090504.D
 Acq: 13 Aug 2015 17:39

Tgt Ion:188 Resp: 141910
 Ion Ratio Lower Upper
 188 100
 94 5.0 5.7 8.5#
 80 4.9 5.8 8.8#

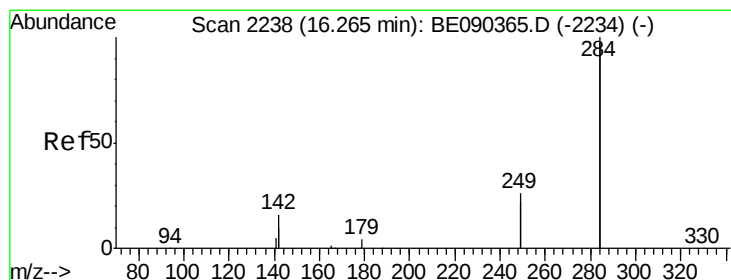
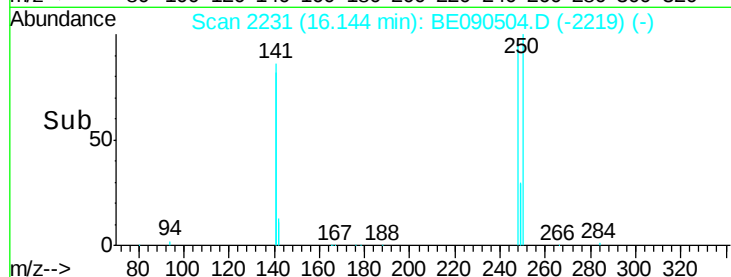
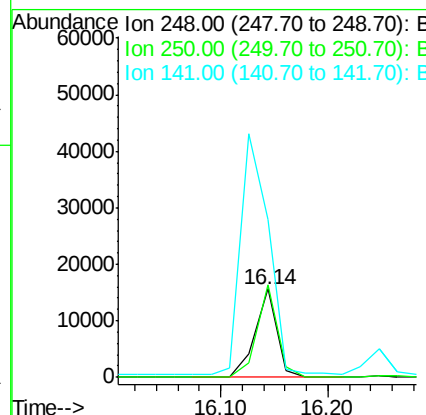
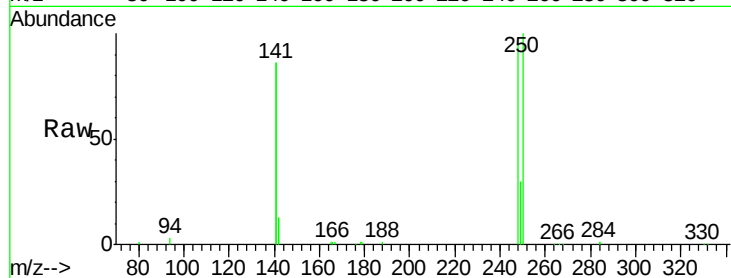




#19
4-Bromophenyl-phenylether
Concen: 4.00 ng
RT: 16.14 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

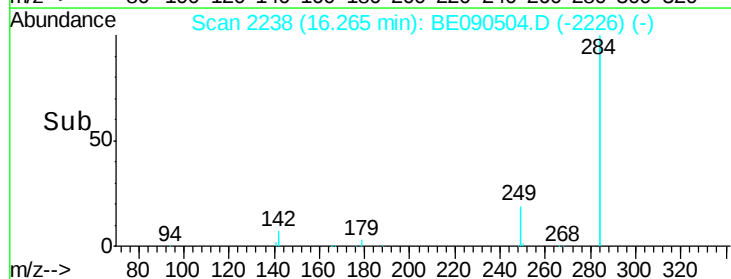
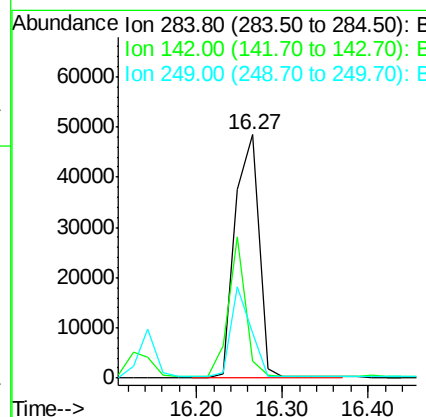
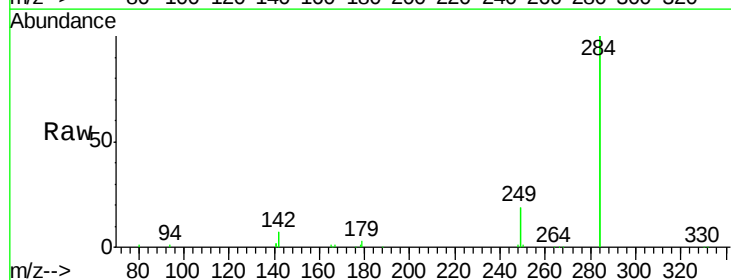
Instrument :
BNA_E
ClientSampleId :
PB84988BS

Tgt Ion:248 Resp: 22055
Ion Ratio Lower Upper
248 100
250 98.5 79.0 118.6
141 344.4 239.5 359.3



#20
Hexachlorobenzene
Concen: 3.23 ng
RT: 16.27 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BE090504.D
Acq: 13 Aug 2015 17:39

Tgt Ion:284 Resp: 92211
Ion Ratio Lower Upper
284 100
142 41.6 30.1 45.1
249 31.7 25.7 38.5

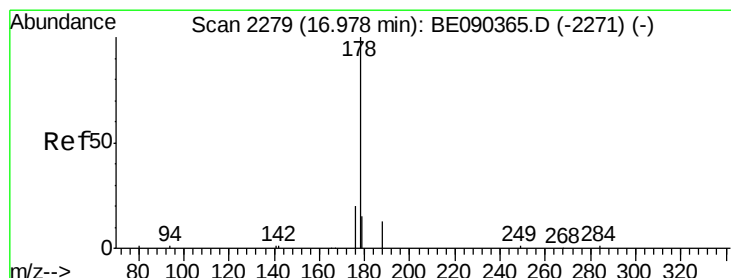
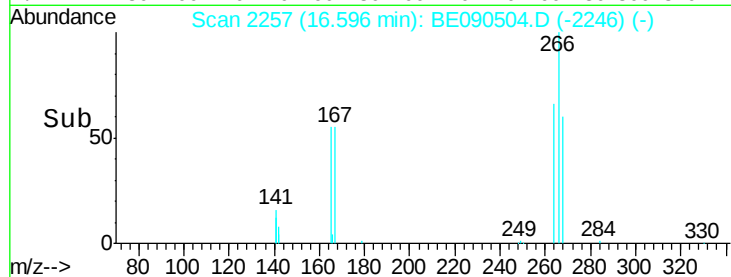
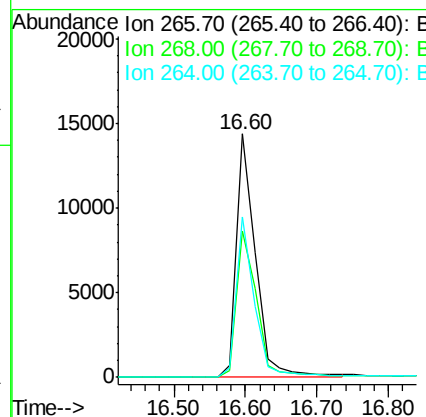
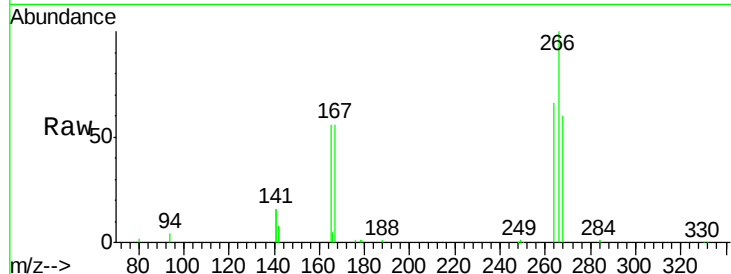




#21
 Pentachlorophenol
 Concen: 9.88 ng
 RT: 16.60 min Scan# 2257
 Delta R.T. -0.02 min
 Lab File: BE090504.D
 Acq: 13 Aug 2015 17:39

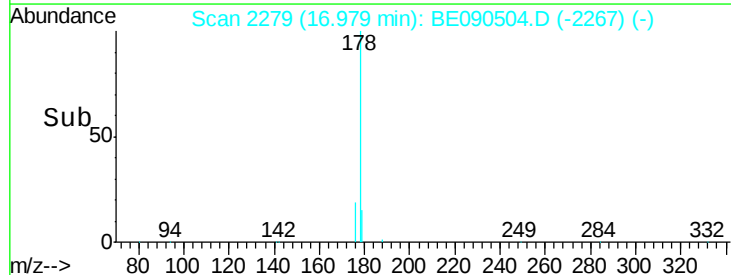
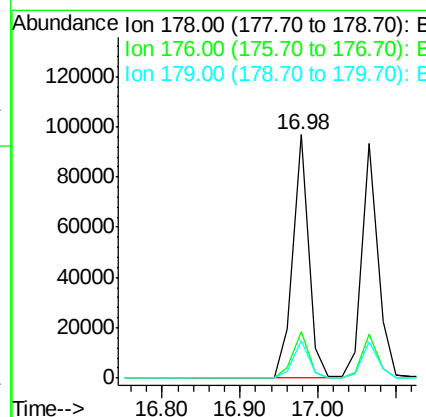
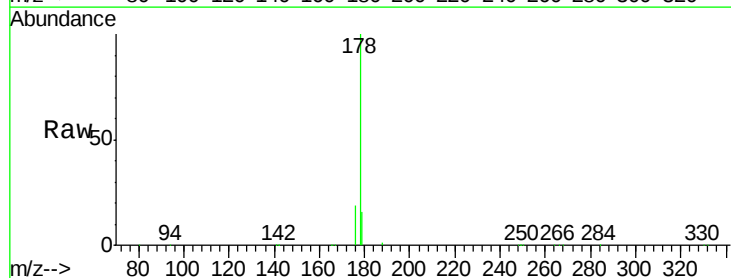
Instrument :
 BNA_E
 ClientSampleId :
 PB84988BS

Tgt Ion:266 Resp: 25842
 Ion Ratio Lower Upper
 266 100
 268 60.1 58.5 87.7
 264 65.6 56.0 84.0



#22
 Phenanthrene
 Concen: 3.81 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BE090504.D
 Acq: 13 Aug 2015 17:39

Tgt Ion:178 Resp: 135287
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.4 12.5 18.7





#23

Anthracene

Concen: 4.59 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.02 min

Lab File: BE090504.D

Acq: 13 Aug 2015 17:39

Instrument :

BNA_E

ClientSampleId :

PB84988BS

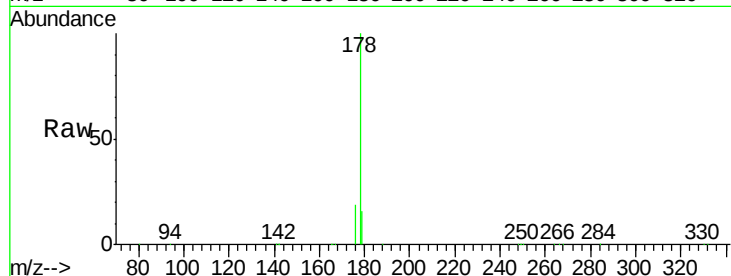
Tgt Ion:178 Resp: 133927

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

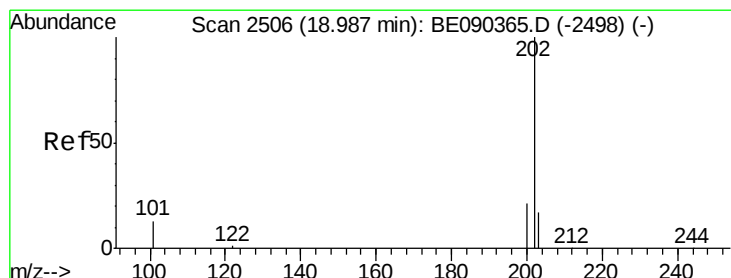
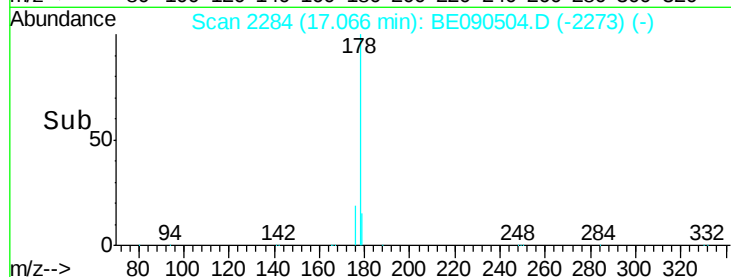
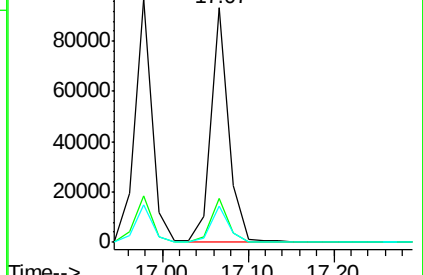
179 15.7 12.2 18.4



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

Fluoranthene

Concen: 4.39 ng

RT: 18.98 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BE090504.D

Acq: 13 Aug 2015 17:39

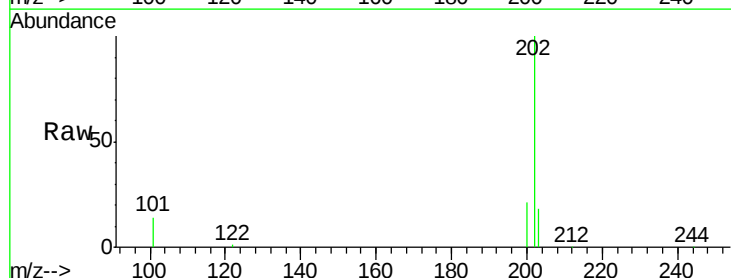
Tgt Ion:202 Resp: 153285

Ion Ratio Lower Upper

202 100

101 14.5 10.3 15.5

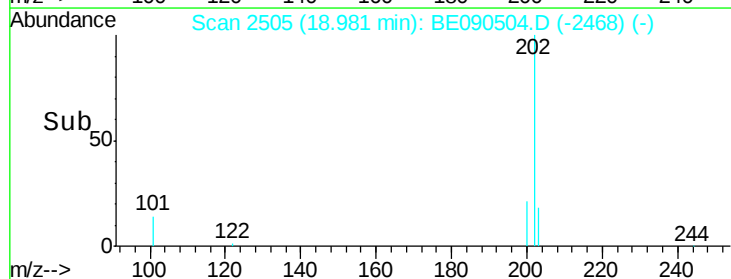
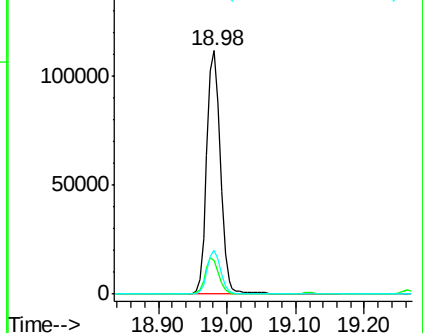
203 17.3 13.7 20.5



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





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BE090504.D

Acq: 13 Aug 2015 17:39

Instrument :

BNA_E

ClientSampleId :

PB84988BS

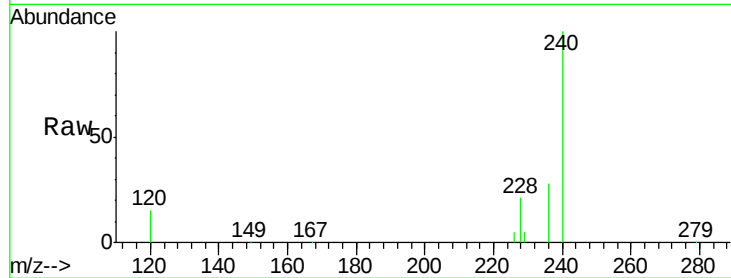
Tgt Ion:240 Resp: 147899

Ion Ratio Lower Upper

240 100

120 15.1 8.3 12.5#

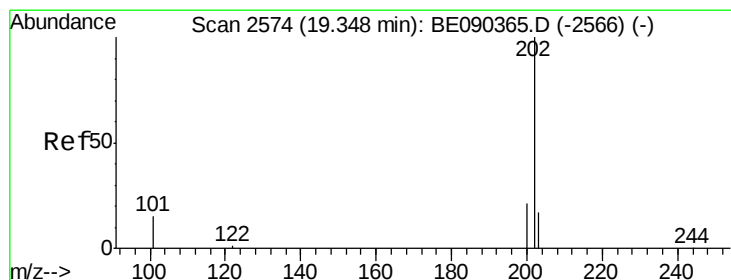
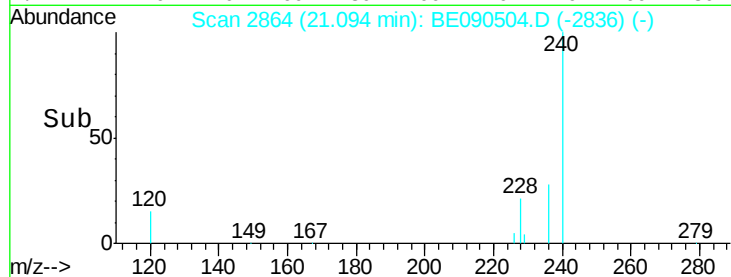
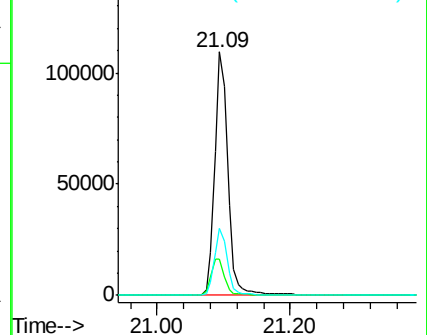
236 27.6 21.0 31.4



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: 5.03 ng

RT: 19.34 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BE090504.D

Acq: 13 Aug 2015 17:39

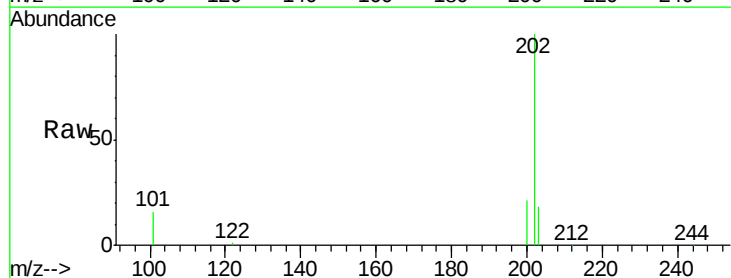
Tgt Ion:202 Resp: 161352

Ion Ratio Lower Upper

202 100

200 21.4 16.7 25.1

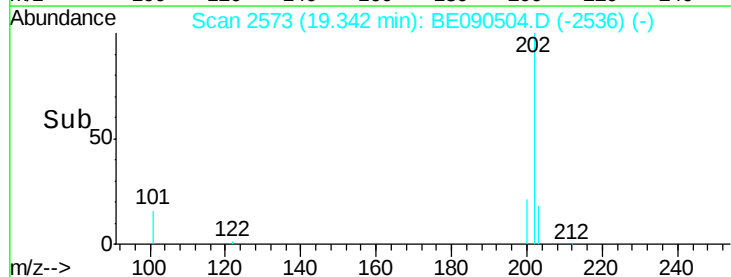
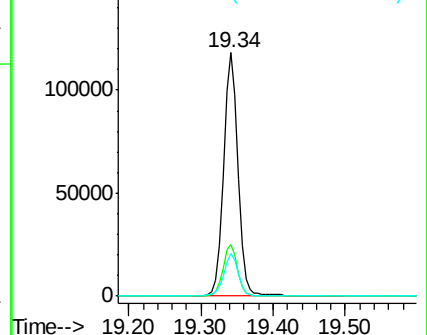
203 17.9 13.8 20.8



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

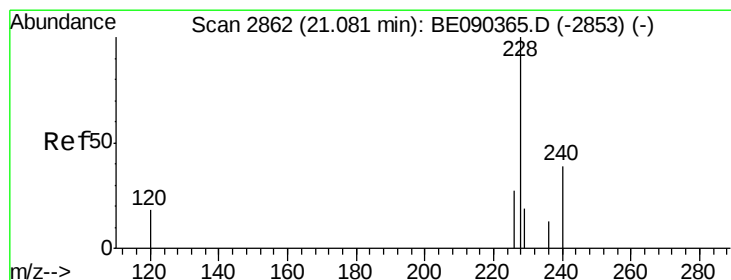
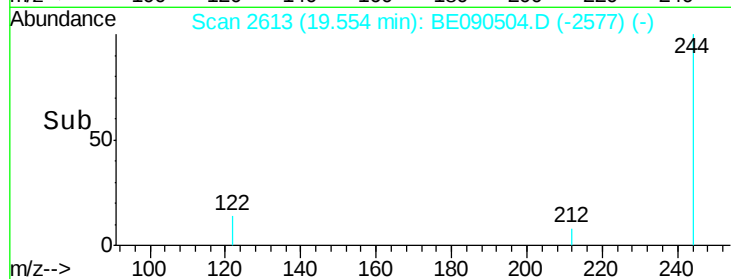
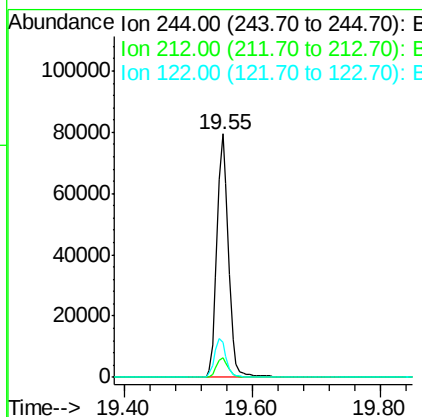
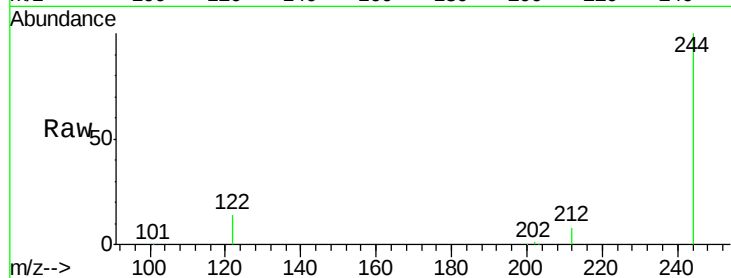




#27
 Terphenyl-d14
 Concen: 4.57 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BE090504.D
 Acq: 13 Aug 2015 17:39

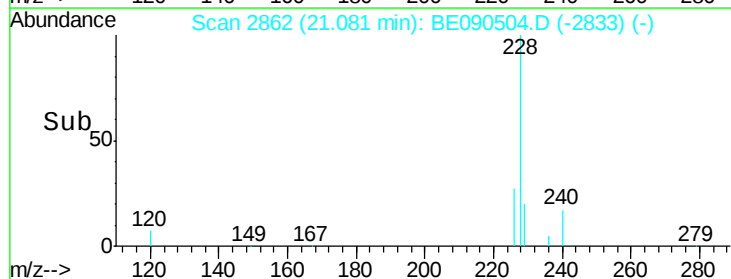
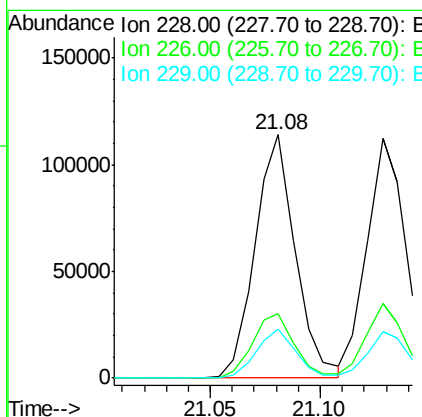
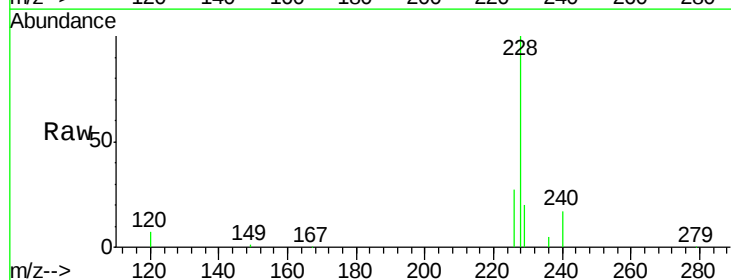
Instrument :
 BNA_E
 ClientSampleId :
 PB84988BS

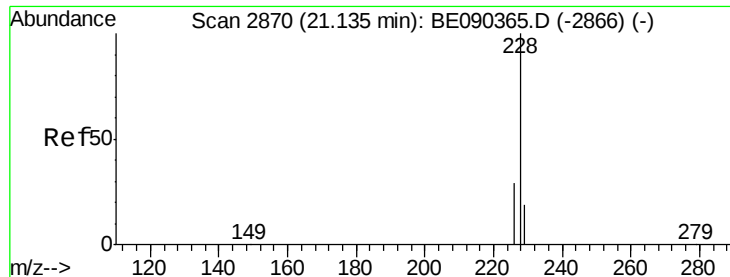
Tgt Ion:244 Resp: 99529
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 14.4 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 4.44 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BE090504.D
 Acq: 13 Aug 2015 17:39

Tgt Ion:228 Resp: 145484
 Ion Ratio Lower Upper
 228 100
 226 26.7 21.9 32.9
 229 19.9 15.4 23.0





#29

Chrysene

Concen: 3.70 ng

RT: 21.13 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BE090504.D

Acq: 13 Aug 2015 17:39

Instrument :

BNA_E

ClientSampleId :

PB84988BS

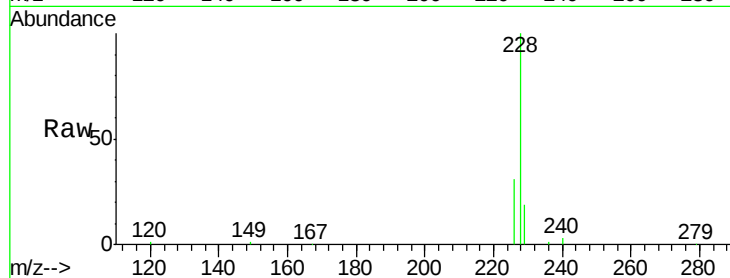
Tgt Ion:228 Resp: 146517

Ion Ratio Lower Upper

228 100

226 30.9 23.1 34.7

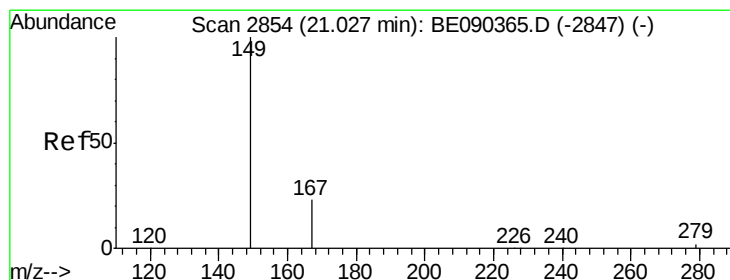
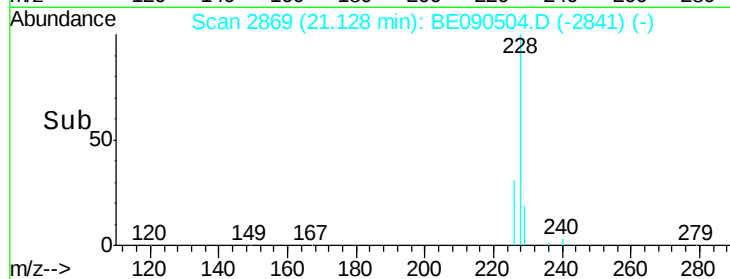
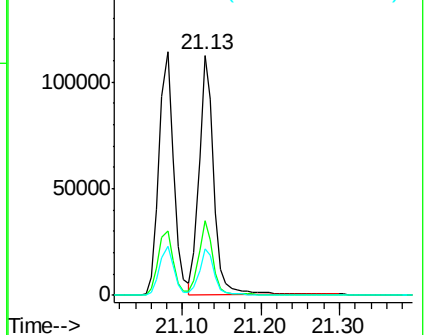
229 19.2 15.8 23.8



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 7.28 ng

RT: 21.03 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE090504.D

Acq: 13 Aug 2015 17:39

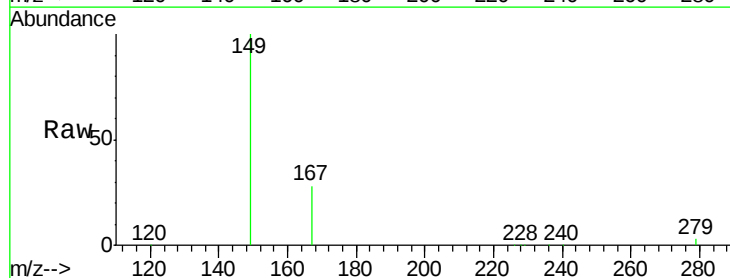
Tgt Ion:149 Resp: 101849

Ion Ratio Lower Upper

149 100

167 26.2 19.8 29.8

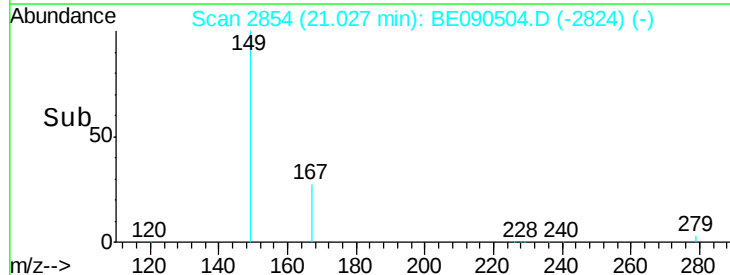
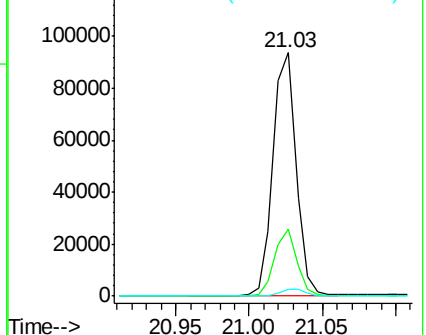
279 3.0 2.4 3.6

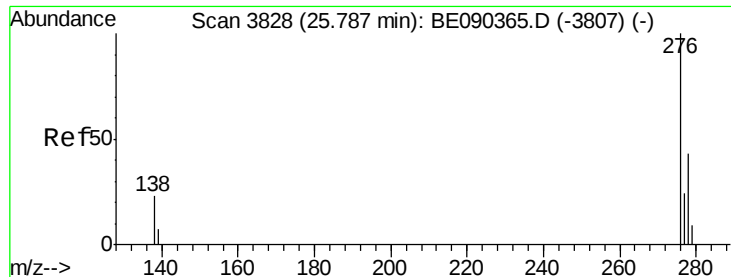


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 4.18 ng

RT: 25.78 min Scan# 3826

Delta R.T. -0.01 min

Lab File: BE090504.D

Acq: 13 Aug 2015 17:39

Instrument :

BNA_E

ClientSampleId :

PB84988BS

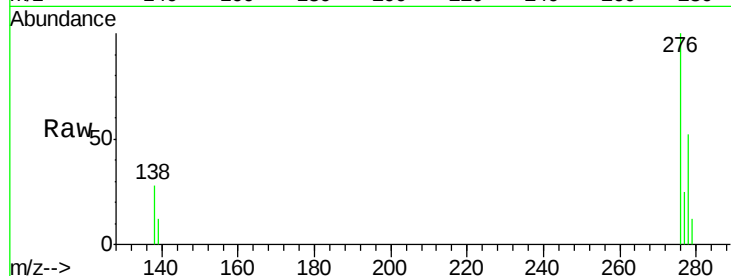
Tgt Ion: 276 Resp: 147877

Ion Ratio Lower Upper

276 100

138 30.1 18.8 28.2#

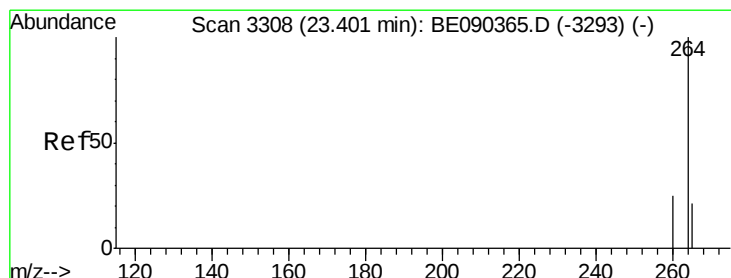
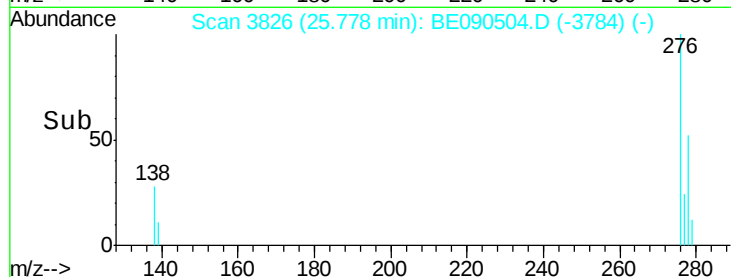
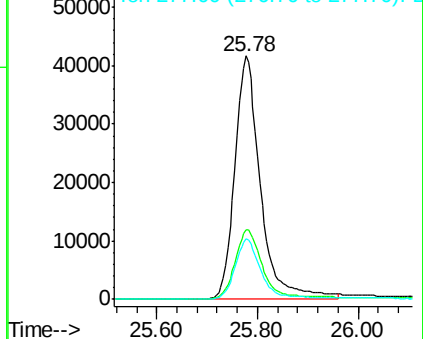
277 24.9 18.2 27.4



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: 23.40 min Scan# 3307

Delta R.T. -0.00 min

Lab File: BE090504.D

Acq: 13 Aug 2015 17:39

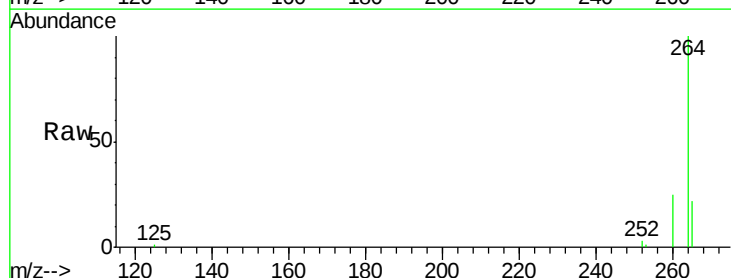
Tgt Ion: 264 Resp: 136878

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

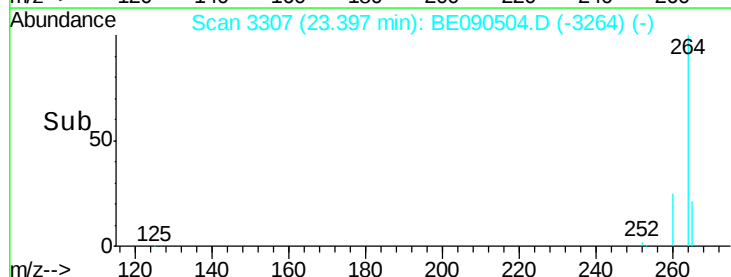
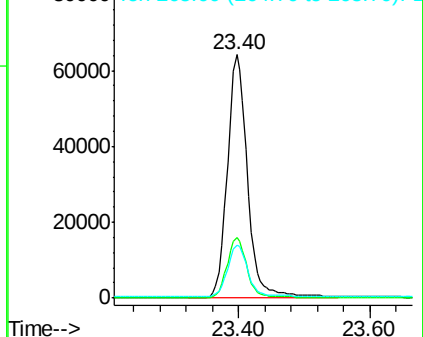
265 21.9 17.2 25.8



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: 4.29 ng

RT: 22.70 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BE090504.D

Acq: 13 Aug 2015 17:39

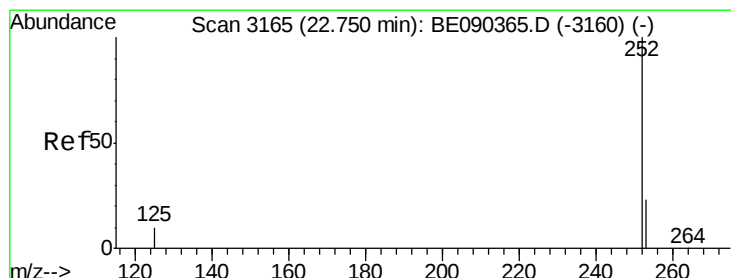
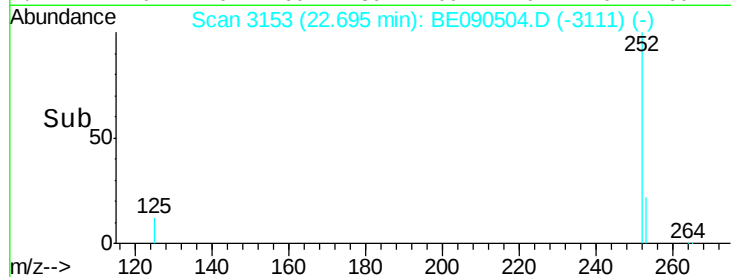
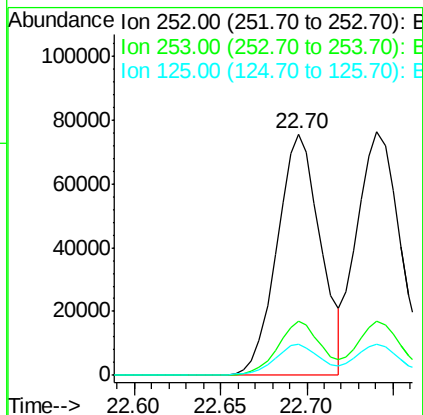
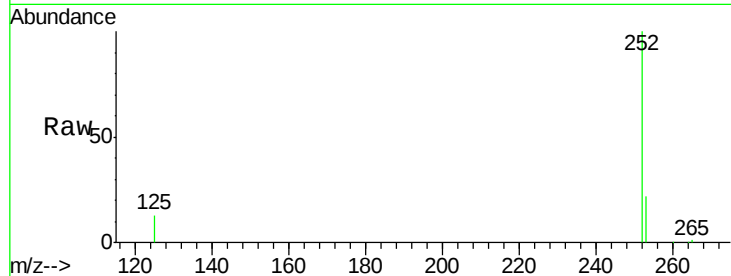
Instrument :

BNA_E

ClientSampleId :

PB84988BS

Tgt Ion:	252	Resp:	131927
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.8	9.4	14.2



#34

Benzo(k)fluoranthene

Concen: 3.75 ng

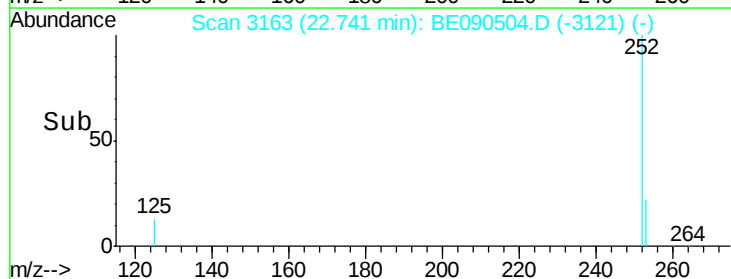
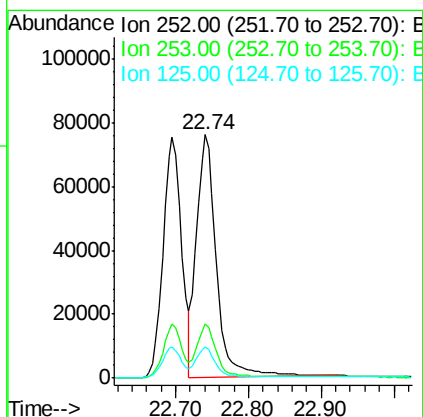
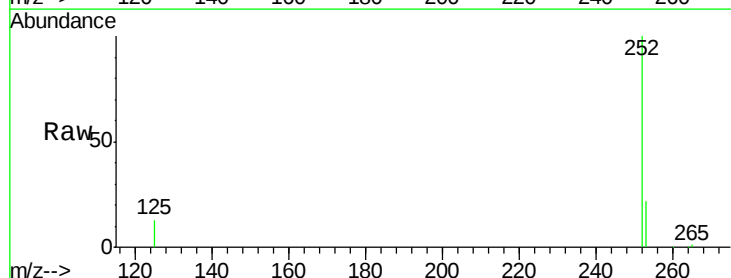
RT: 22.74 min Scan# 3163

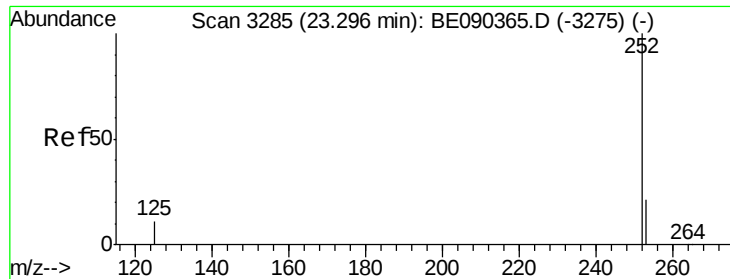
Delta R.T. -0.01 min

Lab File: BE090504.D

Acq: 13 Aug 2015 17:39

Tgt Ion:	252	Resp:	142789
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.9	9.1	13.7





#35

Benzo(a)pyrene

Concen: 4.51 ng

RT: 23.29 min Scan# 3284

Delta R.T. -0.00 min

Lab File: BE090504.D

Acq: 13 Aug 2015 17:39

Instrument :

BNA_E

ClientSampleId :

PB84988BS

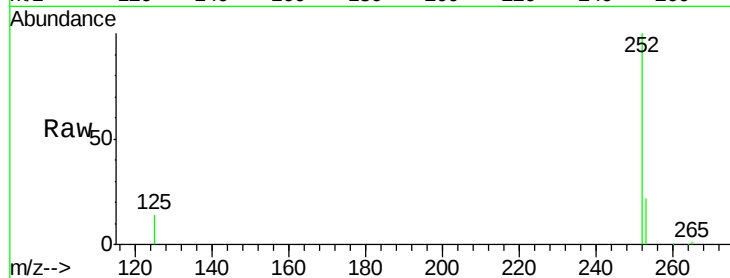
Tgt Ion:252 Resp: 131307

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

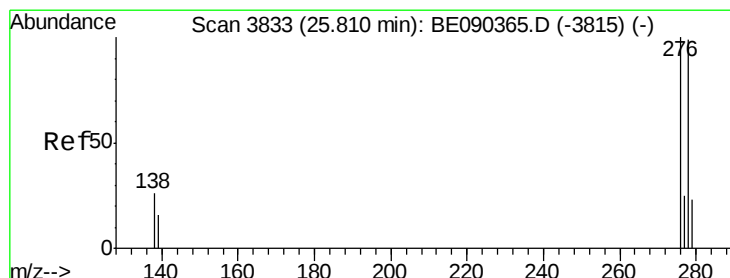
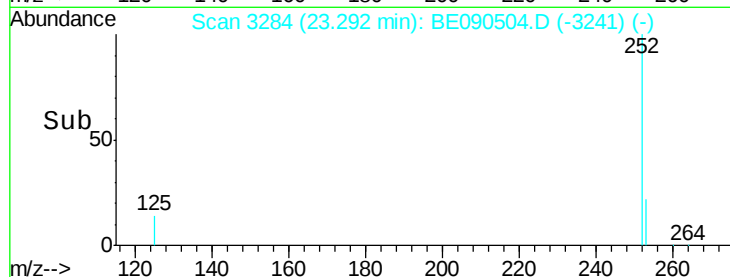
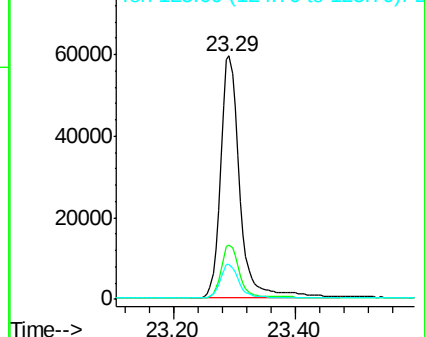
125 14.1 9.8 14.6



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



#36

Dibenzo(a,h)anthracene

Concen: 4.20 ng

RT: 25.80 min Scan# 3830

Delta R.T. -0.01 min

Lab File: BE090504.D

Acq: 13 Aug 2015 17:39

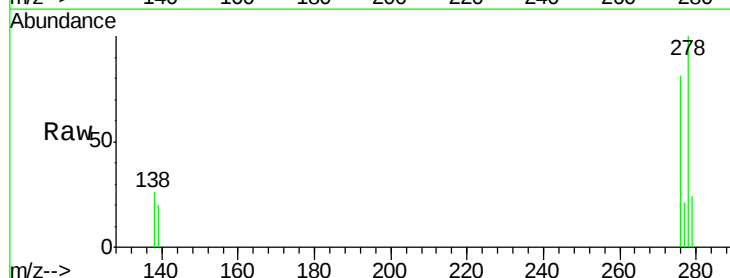
Tgt Ion:278 Resp: 119017

Ion Ratio Lower Upper

278 100

139 19.9 14.2 21.4

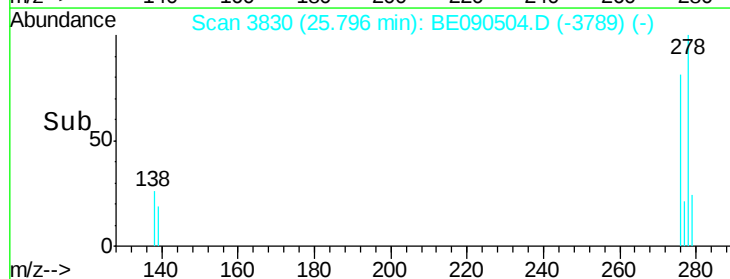
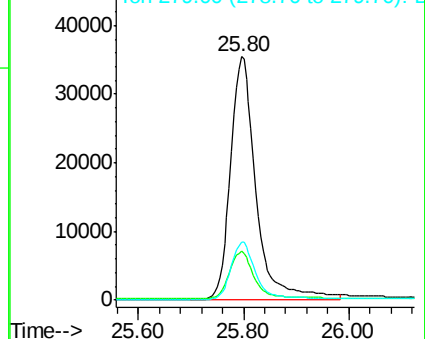
279 24.0 20.1 30.1



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





#37

Benzo(g,h,i)perylene

Concen: 5.12 ng

RT: 26.51 min Scan# 3986

Delta R.T. -0.01 min

Lab File: BE090504.D

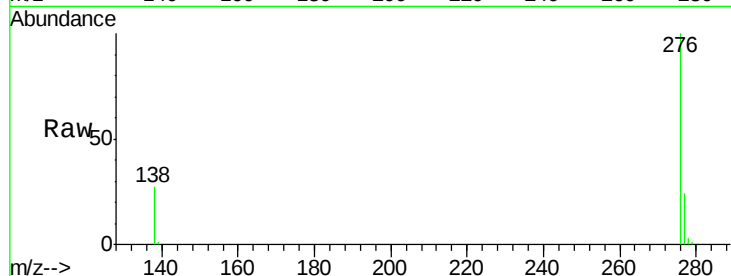
Acq: 13 Aug 2015 17:39

Instrument :

BNA_E

ClientSampleId :

PB84988BS



Tgt Ion: 276 Resp: 129285

Ion Ratio Lower Upper

276 100

277 23.7 20.1 30.1

138 26.6 18.1 27.1

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

