

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080315\
 Data File : BE090327.D
 Acq On : 4 Aug 2015 2:03
 Operator : TP/UM
 Sample : PB84793BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84793BS

Quant Time: Aug 04 03:09:34 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 02:31:31 2015
 Response via : Initial Calibration

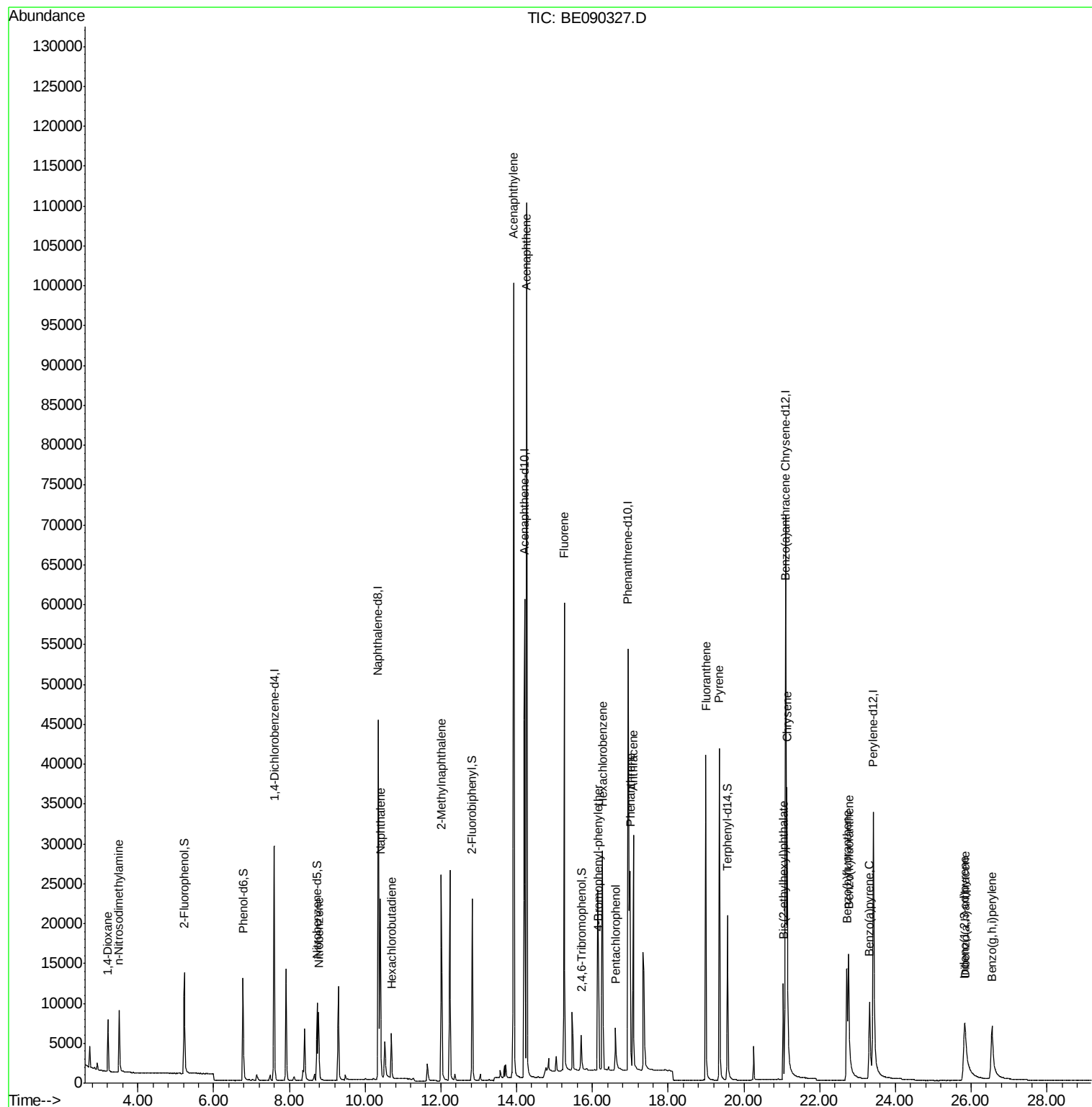
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	14646	5.00	ng	0.00
6) Naphthalene-d8	10.35	136	63577	5.00	ng	0.00
12) Acenaphthene-d10	14.21	164	32991	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	71544	5.00	ng	0.00
25) Chrysene-d12	21.11	240	67246	5.00	ng	0.00
32) Perylene-d12	23.42	264	56112	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	11048	3.95	ng	0.00
5) Phenol-d6	6.78	99	14119	4.10	ng	0.00
7) Nitrobenzene-d5	8.73	82	8936	2.38	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	2018	3.90	ng	-0.02
14) 2-Fluorobiphenyl	12.83	172	21638	2.26	ng	0.00
27) Terphenyl-d14	19.57	244	26159	2.08	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	4214	2.36	ng	92
3) n-Nitrosodimethylamine	3.50	42	5762	2.33	ng	# 98
8) Nitrobenzene	8.78	77	9572	2.47	ng	96
9) Naphthalene	10.40	128	30213	2.21	ng	97
10) Hexachlorobutadiene	10.69	225	3903	2.13	ng	98
11) 2-Methylnaphthalene	12.01	142	19859	2.35	ng	97
15) Acenaphthylene	13.92	152	128400	2.23	ng	100
16) Acenaphthene	14.27	154	18662	2.24	ng	96
17) Fluorene	15.26	166	23332	2.31	ng	99
19) 4-Bromophenyl-phenylether	16.16	248	6046	2.25	ng	95
20) Hexachlorobenzene	16.27	284	21596	2.12	ng	99
21) Pentachlorophenol	16.61	266	3132	4.62	ng	# 79
22) Phenanthrene	17.00	178	35443	2.18	ng	100
23) Anthracene	17.08	178	34136	2.34	ng	99
24) Fluoranthene	18.99	202	37478	2.29	ng	100
26) Pyrene	19.35	202	39678	2.18	ng	99
28) Benzo(a)anthracene	21.09	228	30278	2.37	ng	97
29) Chrysene	21.14	228	35976	2.33	ng	99
30) Bis(2-ethylhexyl)phthalate	21.04	149	11242	2.38	ng	98
31) Indeno(1,2,3-cd)pyrene	25.82	276	19483	2.47	ng	# 82
33) Benzo(b)fluoranthene	22.72	252	20356	2.10	ng	# 90
34) Benzo(k)fluoranthene	22.76	252	33024	2.17	ng	# 93
35) Benzo(a)pyrene	23.32	252	20438	2.22	ng	# 86
36) Dibenzo(a,h)anthracene	25.84	278	13532	2.47	ng	# 74
37) Benzo(g,h,i)perylene	26.55	276	21624	2.22	ng	# 87

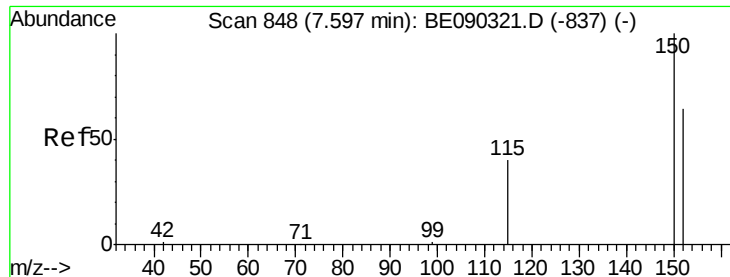
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.60 min Scan# 848

Delta R.T. 0.00 min

Lab File: BE090327.D

Acq: 4 Aug 2015 2:03

Instrument :

BNA_E

ClientSampleId :

PB84793BS

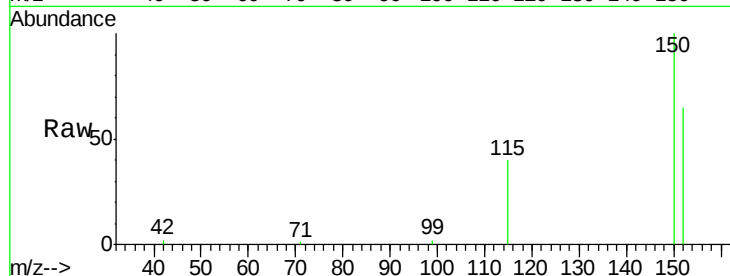
Tot Ion:152 Resp: 14646

Ion Ratio Lower Upper

152 100

150 153.9 124.2 186.2

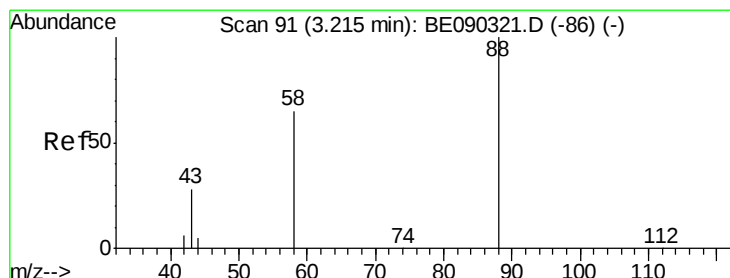
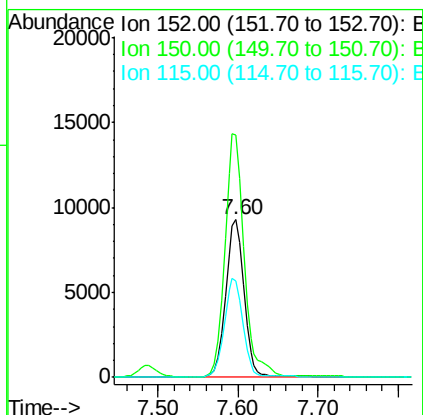
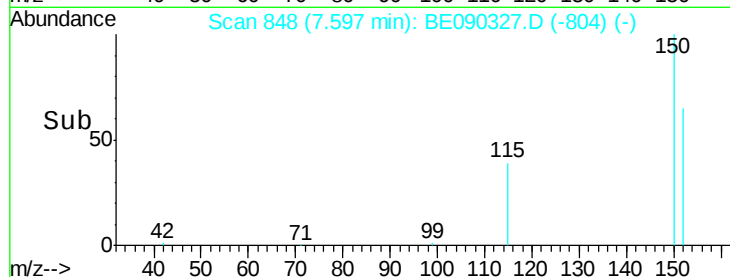
115 61.0 50.4 75.6



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: 2.36 ng

RT: 3.21 min Scan# 90

Delta R.T. -0.00 min

Lab File: BE090327.D

Acq: 4 Aug 2015 2:03

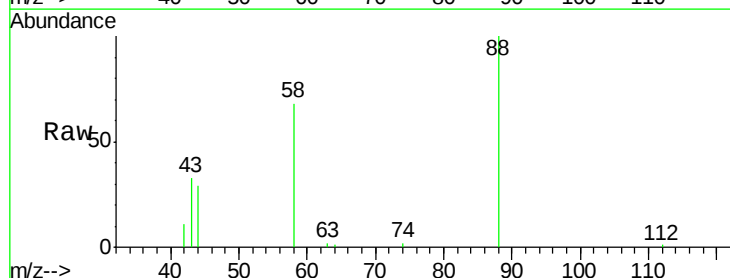
Tgt Ion: 88 Resp: 4214

Ion Ratio Lower Upper

88 100

58 70.3 50.2 75.2

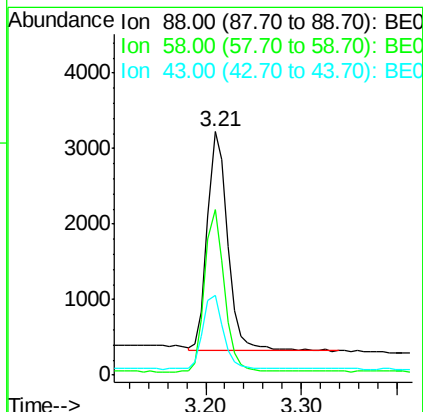
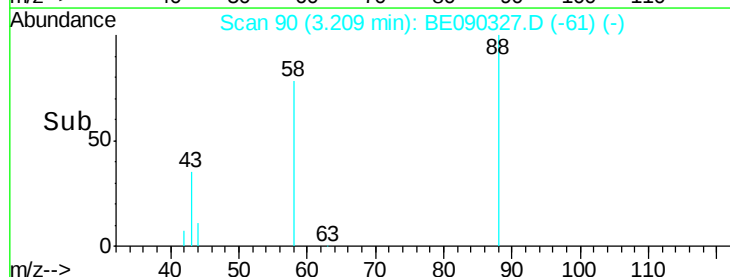
43 33.6 25.0 37.6

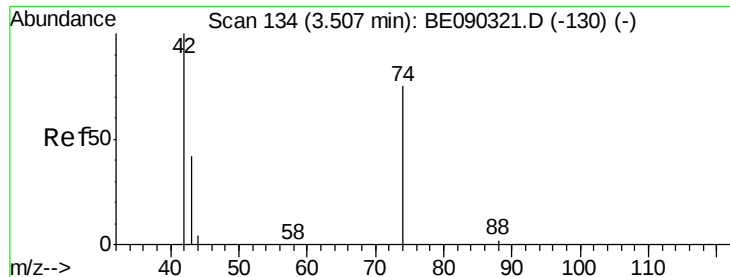


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



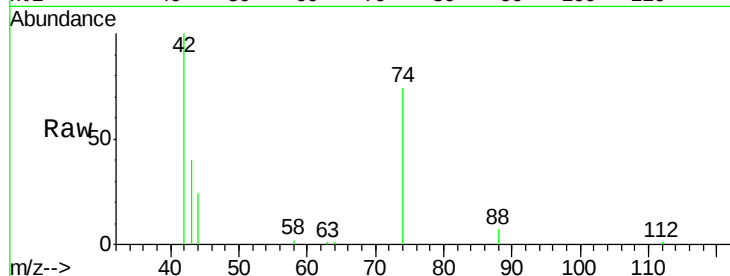


#3

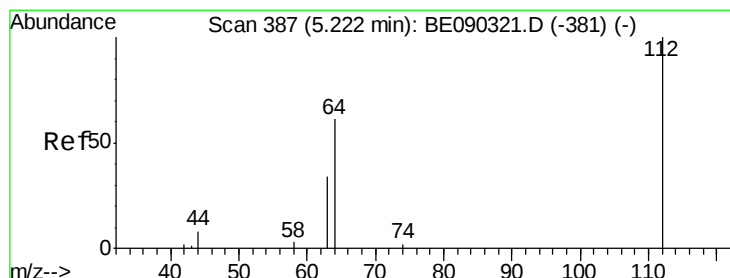
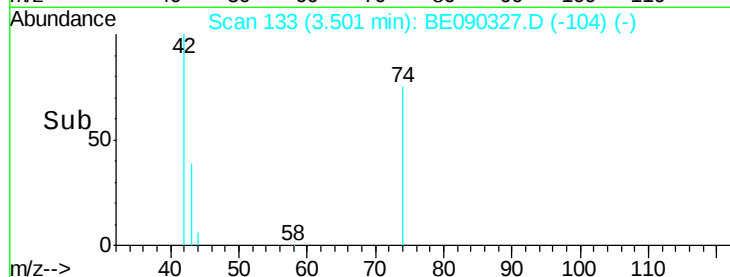
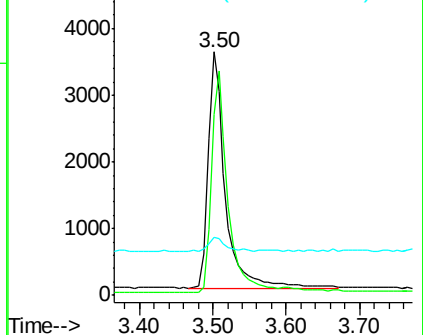
n-Nitrosodimethylamine
 Concen: 2.33 ng
 RT: 3.50 min Scan# 133
 Delta R.T. -0.01 min
 Lab File: BE090327.D
 Acq: 4 Aug 2015 2:03

Instrument :
 BNA_E
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 PB84793BS

Tot Ion: 42 Resp: 5762
 Ion Ratio Lower Upper
 42 100
 74 89.8 73.2 109.8
 44 6.8 3.8 5.6#



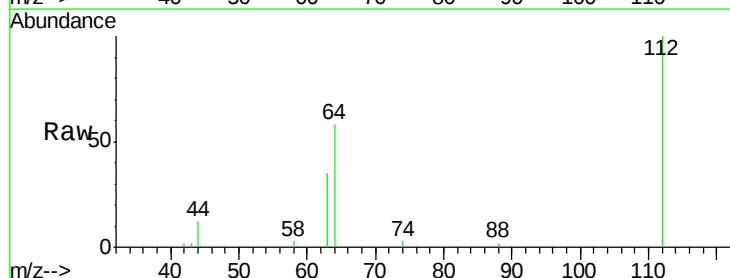
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



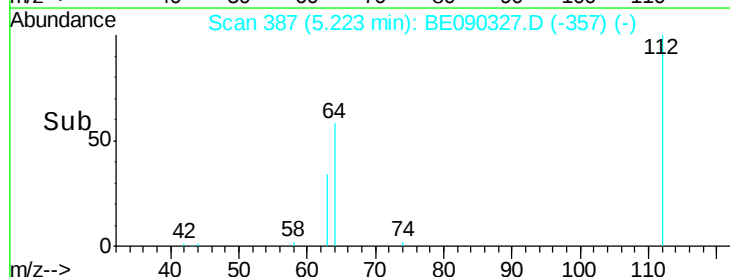
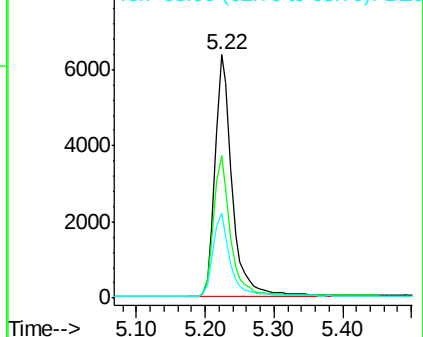
#4

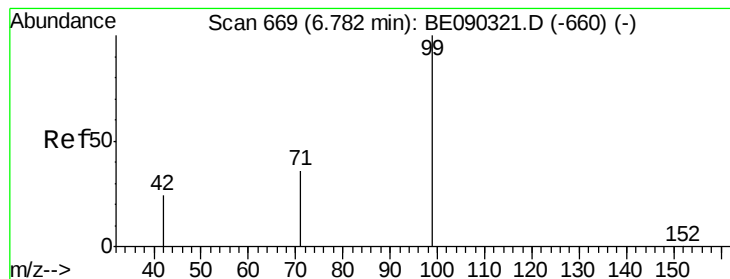
2-Fluorophenol
 Concen: 3.95 ng
 RT: 5.22 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BE090327.D
 Acq: 4 Aug 2015 2:03

Tgt Ion: 112 Resp: 11048
 Ion Ratio Lower Upper
 112 100
 64 57.6 49.0 73.4
 63 34.3 27.7 41.5



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: 4.10 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE090327.D

Acq: 4 Aug 2015 2:03

Instrument :

BNA_E

ClientSampleId :

PB84793BS

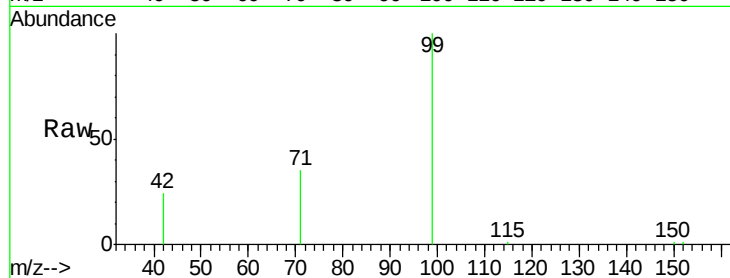
Tot Ion: 99 Resp: 14119

Ion Ratio Lower Upper

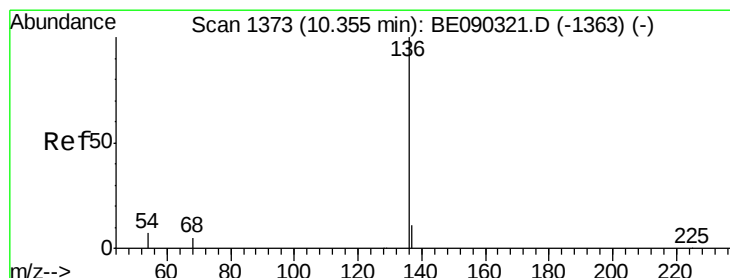
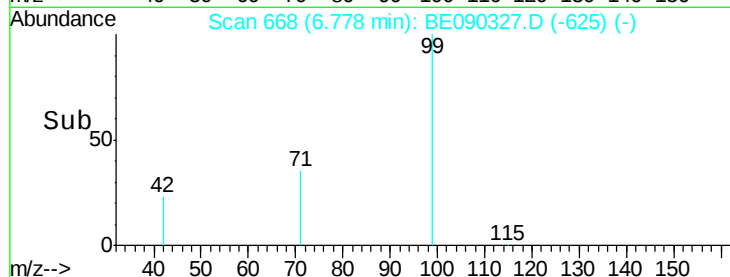
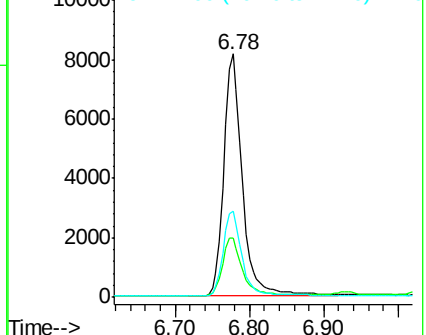
99 100

42 25.1 22.2 33.2

71 36.0 29.2 43.8



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: 10.35 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BE090327.D

Acq: 4 Aug 2015 2:03

Tgt Ion: 136 Resp: 63577

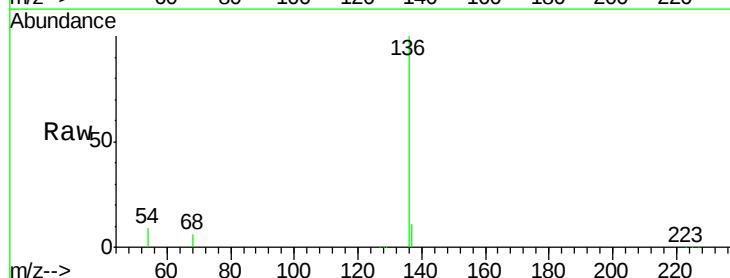
Ion Ratio Lower Upper

136 100

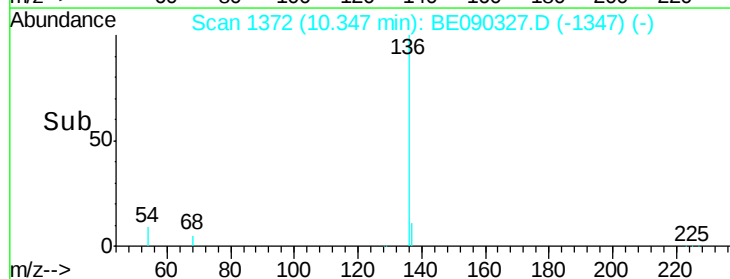
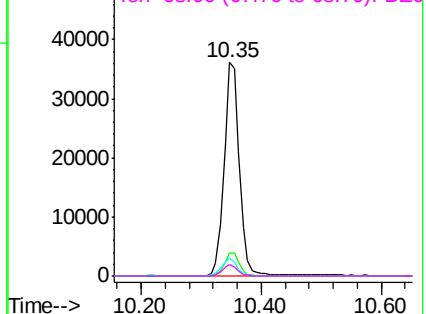
137 10.9 8.9 13.3

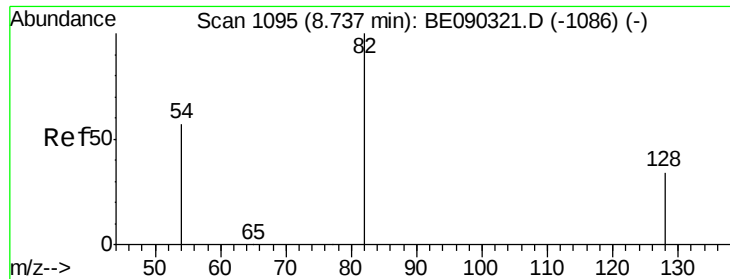
54 8.7 6.0 9.0

68 5.6 3.9 5.9



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: 2.38 ng

RT: 8.73 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BE090327.D

Acq: 4 Aug 2015 2:03

Instrument :

BNA_E

ClientSampleId :

PB84793BS

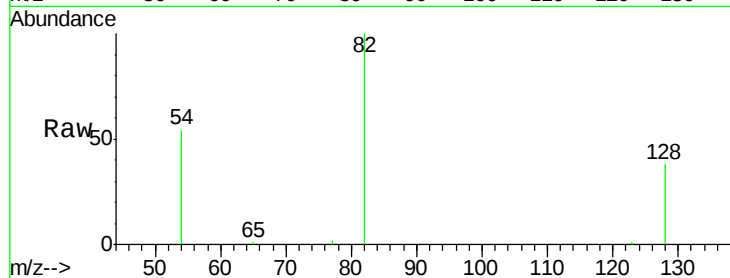
Tot Ion: 82 Resp: 8936

Ion Ratio Lower Upper

82 100

128 38.2 30.8 46.2

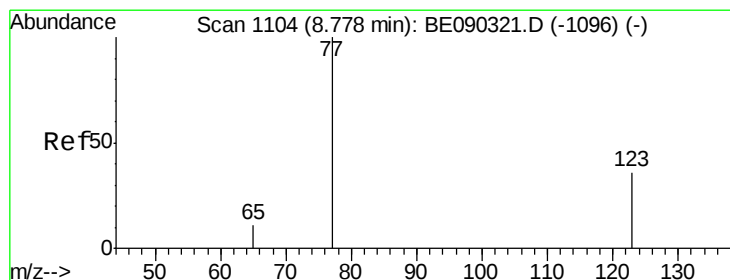
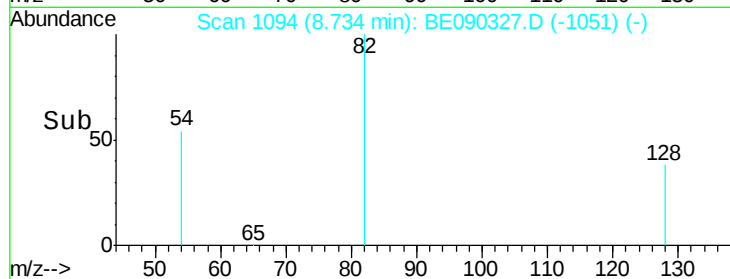
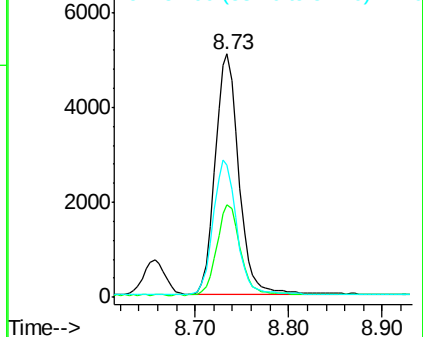
54 54.1 47.5 71.3



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: 2.47 ng

RT: 8.78 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BE090327.D

Acq: 4 Aug 2015 2:03

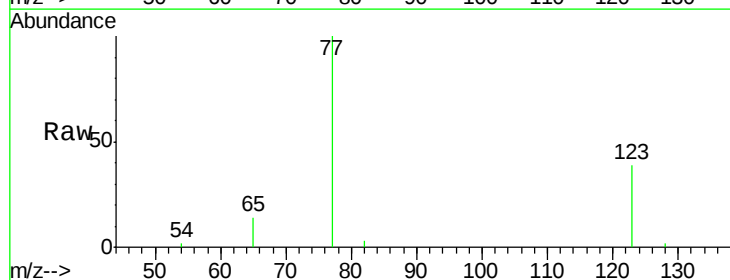
Tgt Ion: 77 Resp: 9572

Ion Ratio Lower Upper

77 100

123 39.9 29.6 44.4

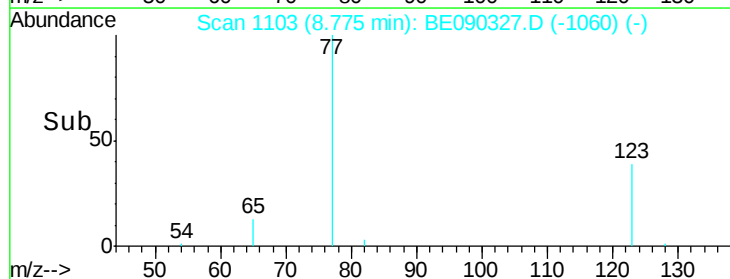
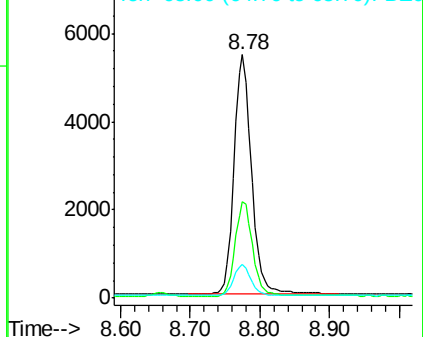
65 13.0 10.4 15.6



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: 2.21 ng

RT: 10.40 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE090327.D

Acq: 4 Aug 2015 2:03

Instrument :

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ClientSampleId :

PB84793BS

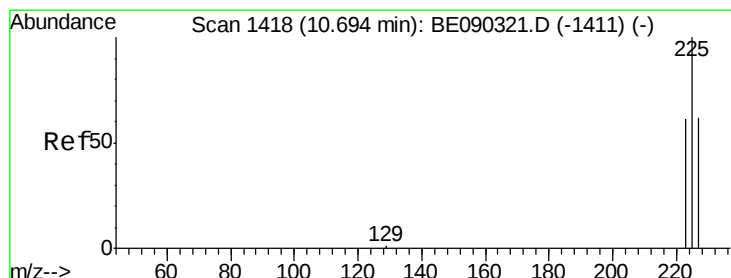
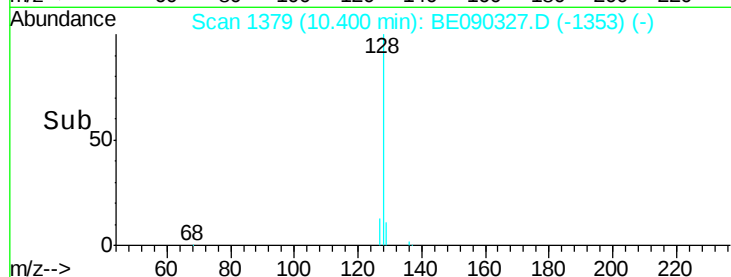
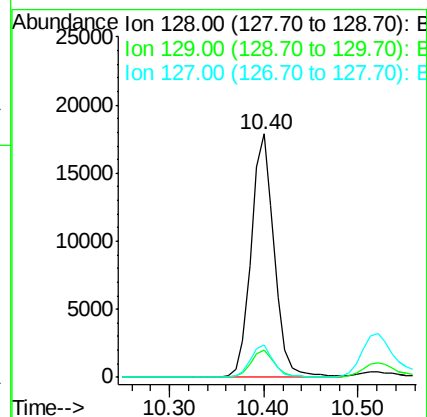
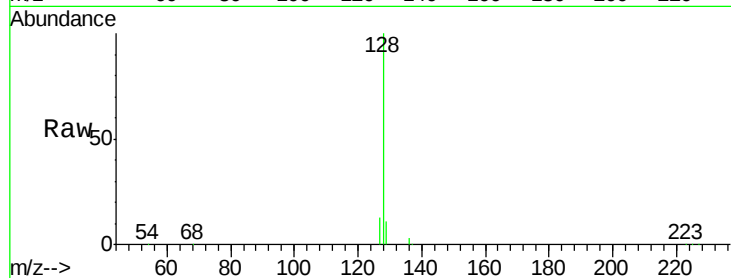
Tot Ion:128 Resp: 30213

Ion Ratio Lower Upper

128 100

129 11.1 10.1 15.1

127 13.3 11.3 16.9



#10

Hexachlorobutadiene

Concen: 2.13 ng

RT: 10.69 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BE090327.D

Acq: 4 Aug 2015 2:03

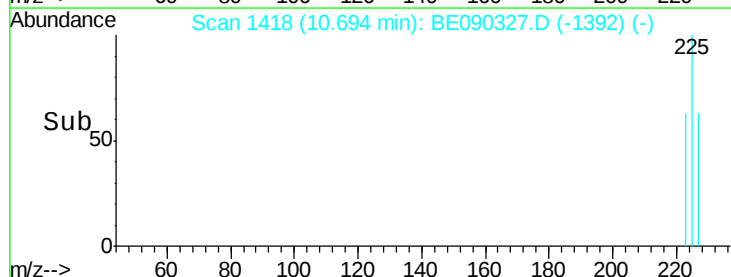
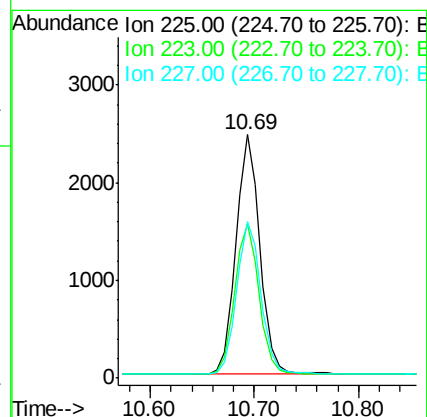
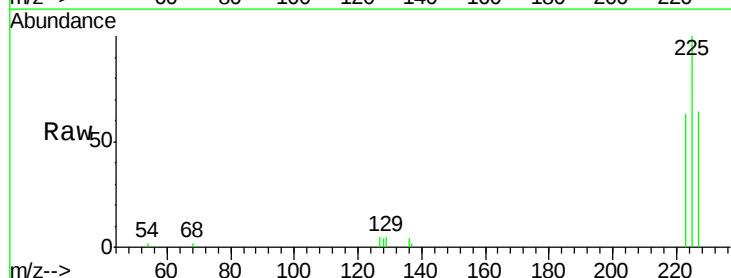
Tgt Ion:225 Resp: 3903

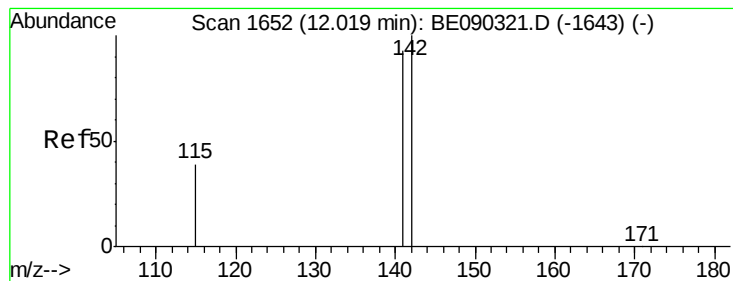
Ion Ratio Lower Upper

225 100

223 63.8 50.4 75.6

227 65.0 49.6 74.4





#11

2-Methylnaphthalene

Concen: 2.35 ng

RT: 12.01 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BE090327.D

Acq: 4 Aug 2015 2:03

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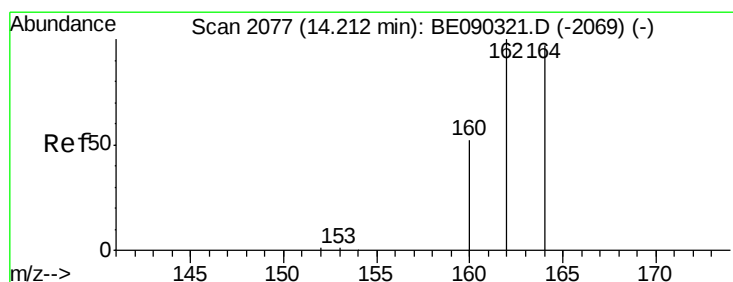
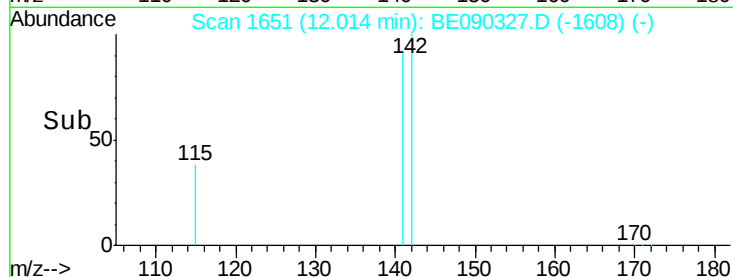
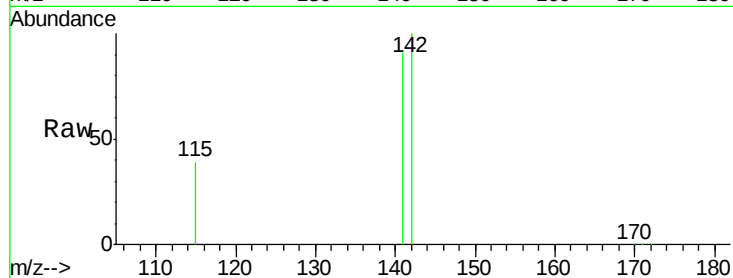
Tot Ion:142 Resp: 19859

Ion Ratio Lower Upper

142 100

141 91.3 74.6 112.0

115 38.5 32.6 49.0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.21 min Scan# 2076

Delta R.T. -0.01 min

Lab File: BE090327.D

Acq: 4 Aug 2015 2:03

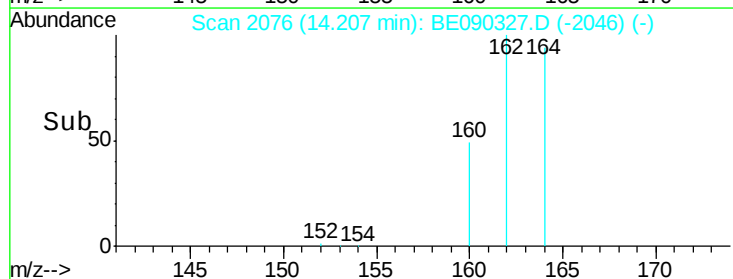
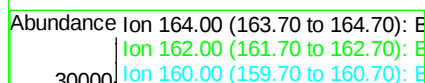
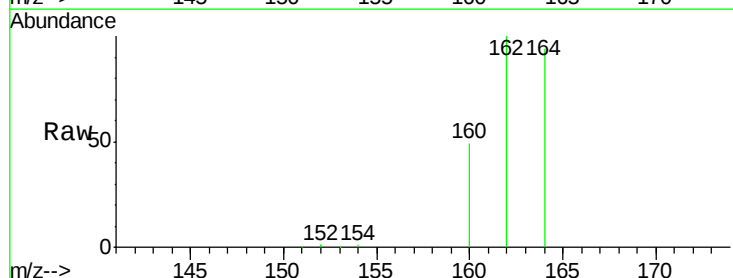
Tgt Ion:164 Resp: 32991

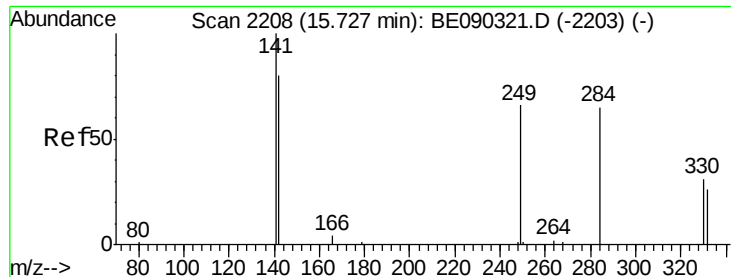
Ion Ratio Lower Upper

164 100

162 106.9 82.7 124.1

160 52.7 43.0 64.6

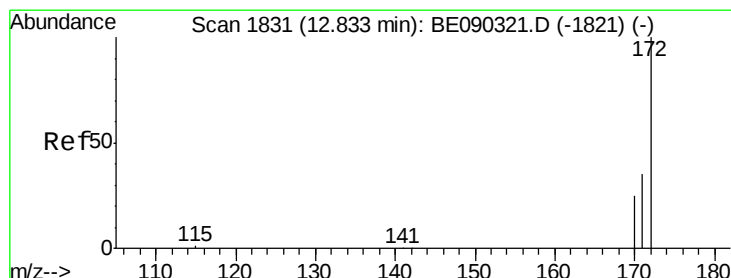
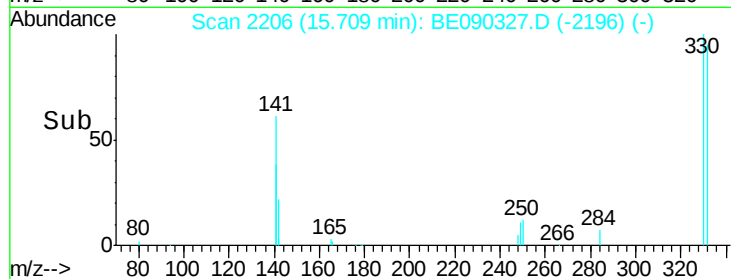
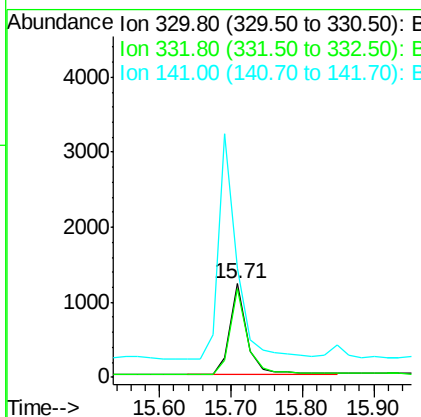
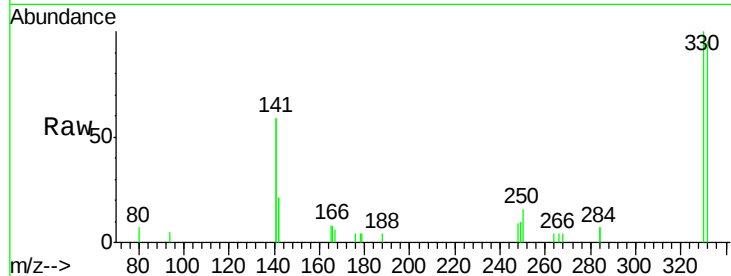




#13
 2,4,6-Tribromophenol
 Concen: 3.90 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BE090327.D
 Acq: 4 Aug 2015 2:03

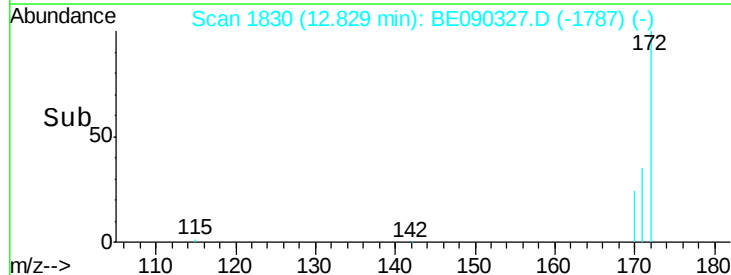
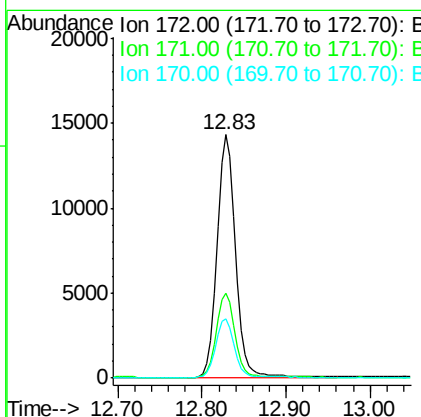
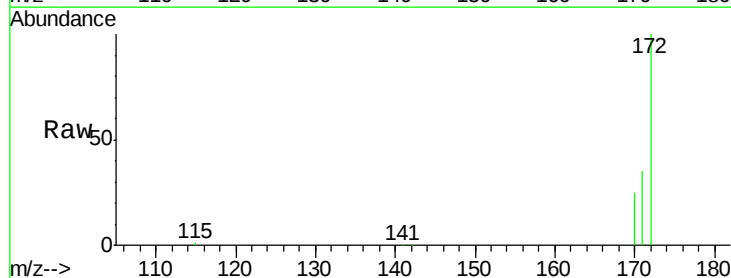
Instrument :
 BNA_E
 ClientSampleId :
 PB84793BS

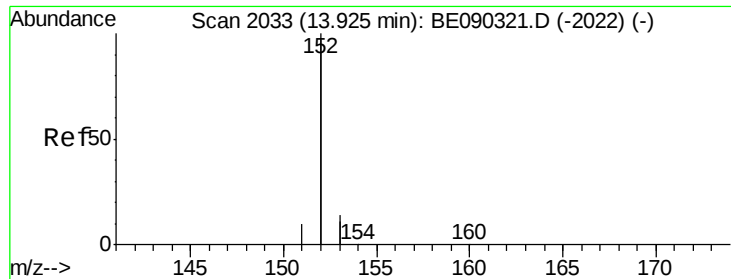
Tot Ion:330 Resp: 2018
 Ion Ratio Lower Upper
 330 100
 332 95.0 79.4 119.0
 141 264.4 245.9 368.9



#14
 2-Fluorobiphenyl
 Concen: 2.26 ng
 RT: 12.83 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BE090327.D
 Acq: 4 Aug 2015 2:03

Tgt Ion:172 Resp: 21638
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.5 44.3
 170 24.6 21.3 31.9





#15

Acenaphthylene

Concen: 2.23 ng

RT: 13.92 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BE090327.D

Acq: 4 Aug 2015 2:03

Instrument :

BNA_E

ClientSampleId :

PB84793BS

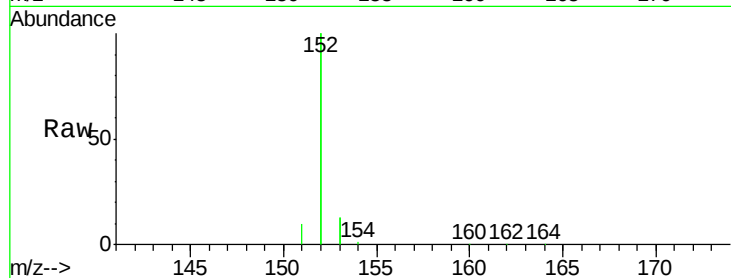
Tot Ion:152 Resp: 128400

Ion Ratio Lower Upper

152 100

151 5.0 4.0 6.0

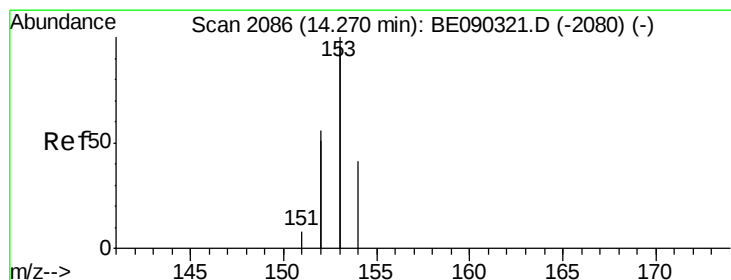
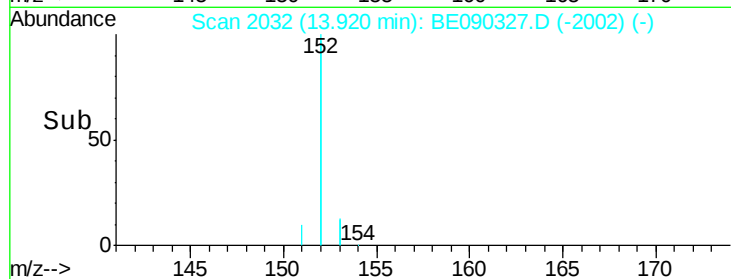
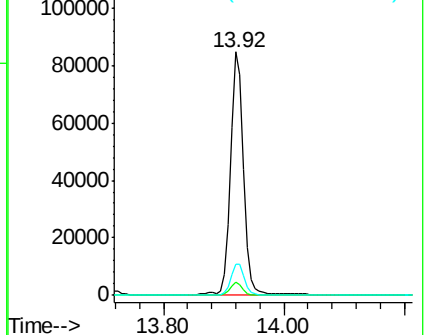
153 13.0 10.2 15.4



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: 2.24 ng

RT: 14.27 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BE090327.D

Acq: 4 Aug 2015 2:03

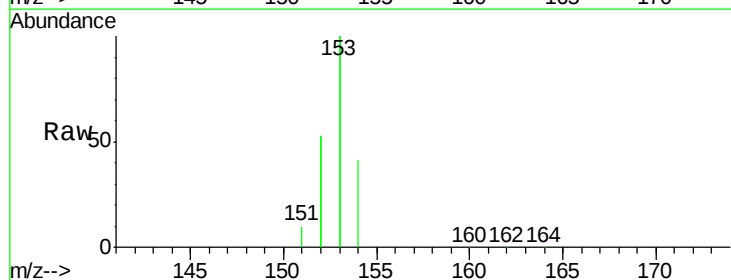
Tgt Ion:154 Resp: 18662

Ion Ratio Lower Upper

154 100

153 476.0 378.0 567.0

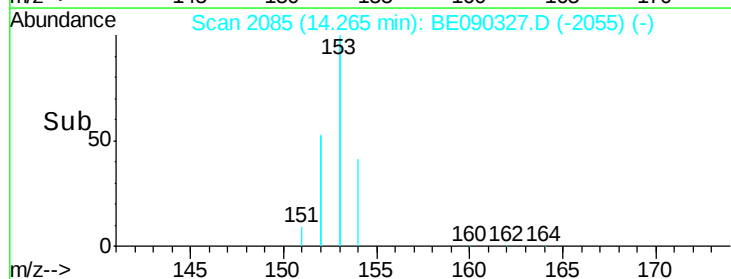
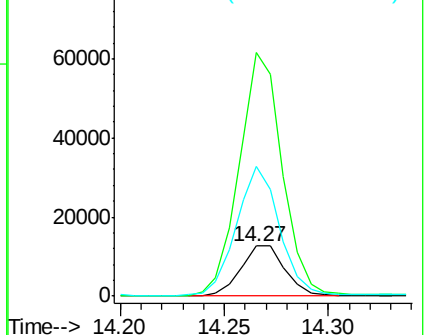
152 252.0 212.7 319.1

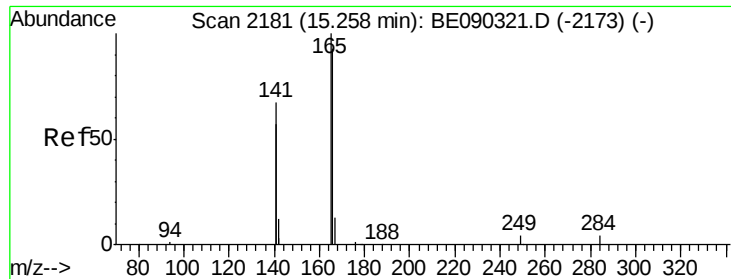


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

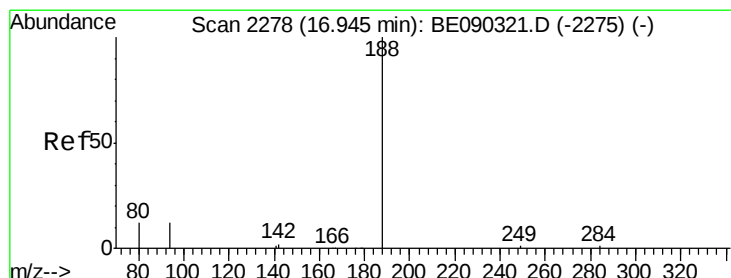
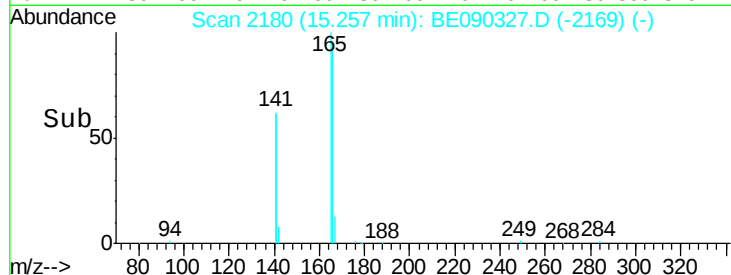
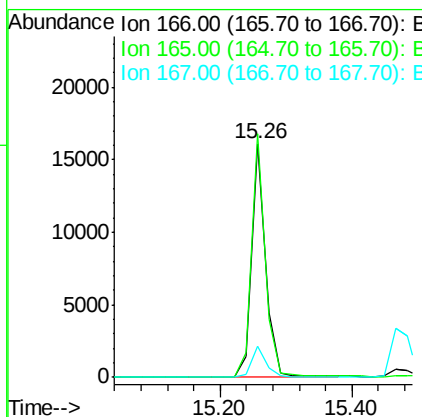
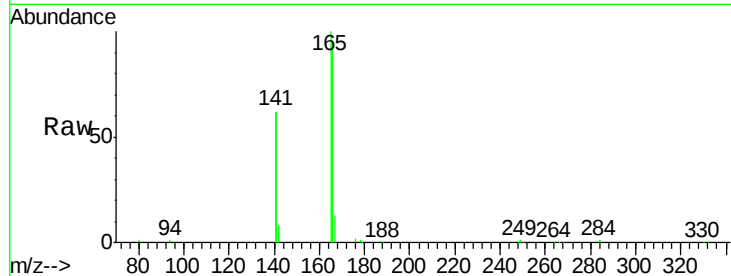




#17
Fluorene
 Concen: 2.31 ng
 RT: 15.26 min Scan# 2180
 Delta R.T. -0.00 min
 Lab File: BE090327.D
 Acq: 4 Aug 2015 2:03

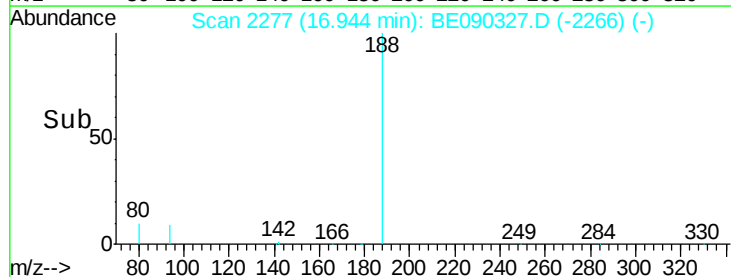
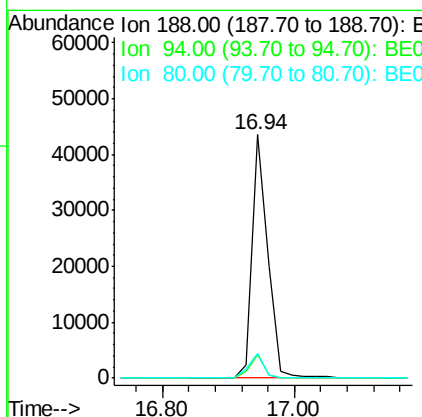
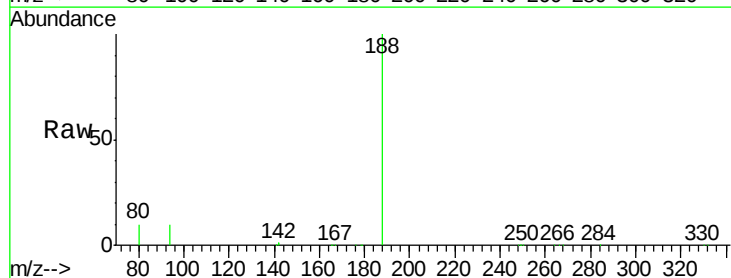
Instrument :
 BNA_E
 ClientSampleId :
 PB84793BS

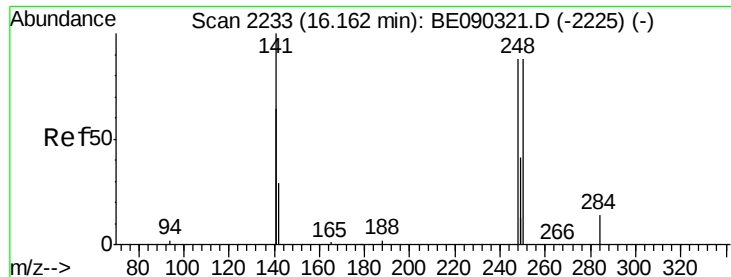
Tot Ion:166 Resp: 23332
 Ion Ratio Lower Upper
 166 100
 165 102.0 82.6 123.8
 167 13.5 11.8 17.8



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BE090327.D
 Acq: 4 Aug 2015 2:03

Tgt Ion:188 Resp: 71544
 Ion Ratio Lower Upper
 188 100
 94 9.6 9.5 14.3
 80 10.4 10.0 15.0

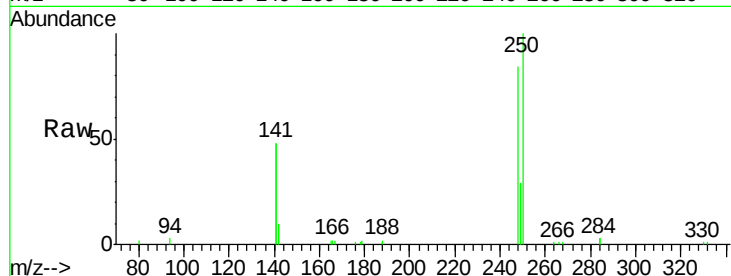




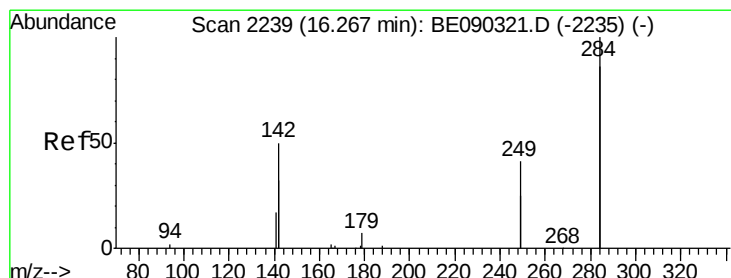
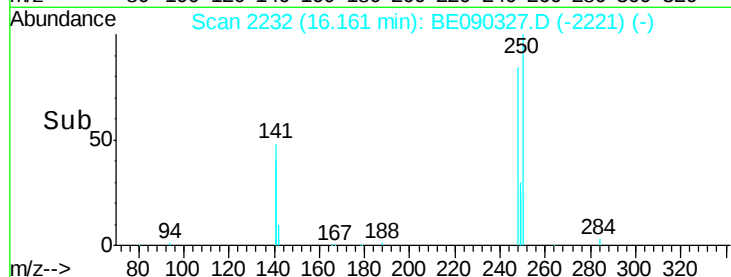
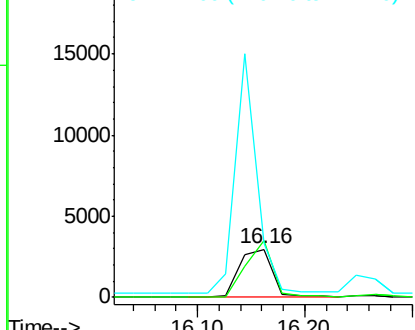
#19
4-Bromophenyl-phenylether
Concen: 2.25 ng
RT: 16.16 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE090327.D
Acq: 4 Aug 2015 2:03

Instrument :
BNA_E
ClientSampleId :
PB84793BS

Tot Ion:248 Resp: 6046
Ion Ratio Lower Upper
248 100
250 97.9 74.0 111.0
141 334.7 258.9 388.3

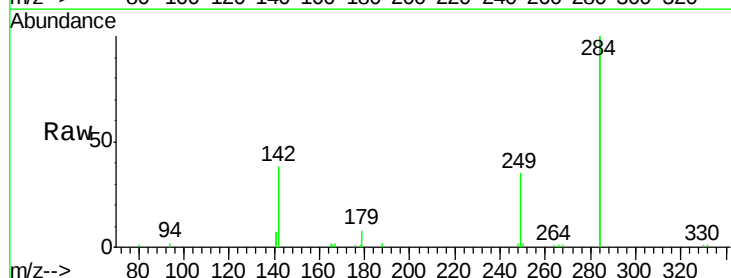


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

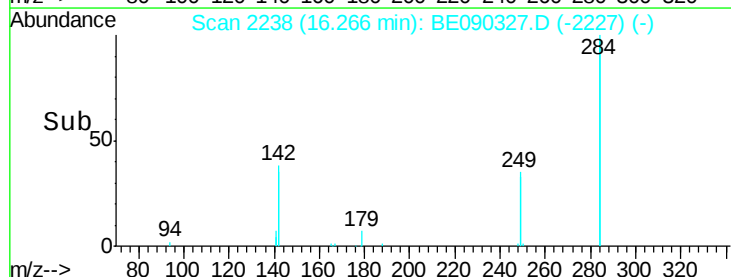
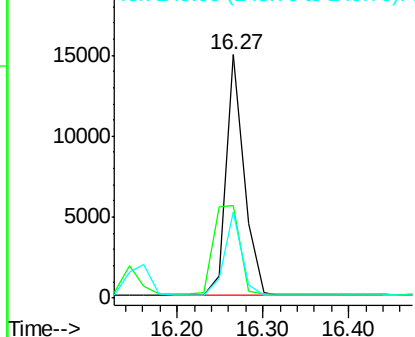


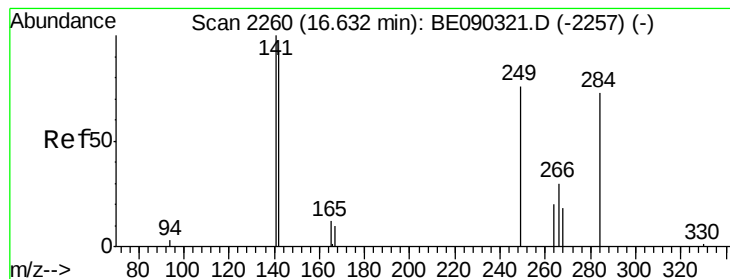
#20
Hexachlorobenzene
Concen: 2.12 ng
RT: 16.27 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BE090327.D
Acq: 4 Aug 2015 2:03

Tgt Ion:284 Resp: 21596
Ion Ratio Lower Upper
284 100
142 54.3 44.2 66.4
249 33.0 26.4 39.6



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





#21

Pentachlorophenol

Concen: 4.62 ng

RT: 16.61 min Scan# 2258

Delta R.T. -0.02 min

Lab File: BE090327.D

Acq: 4 Aug 2015 2:03

Instrument :

BNA_E

ClientSampleId :

PB84793BS

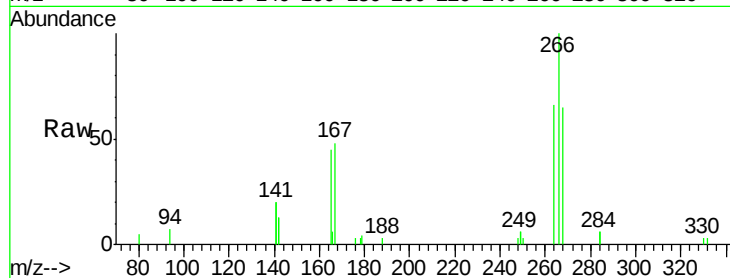
Tot Ion:266 Resp: 3132

Ion Ratio Lower Upper

266 100

268 65.4 66.2 99.2#

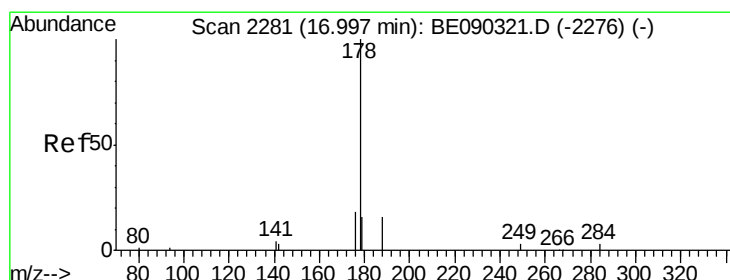
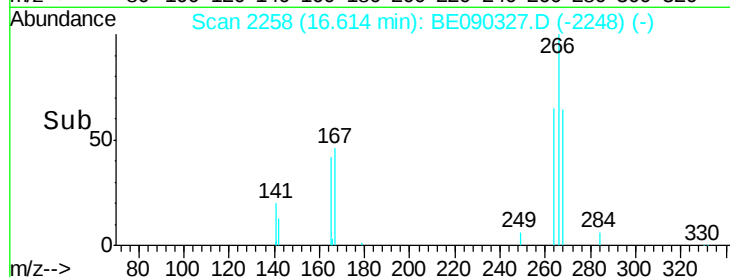
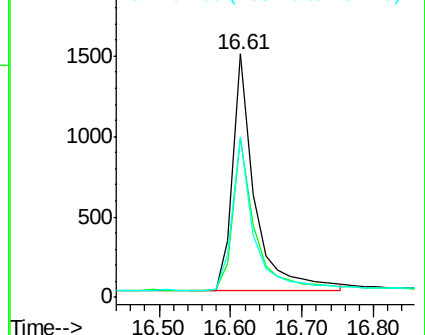
264 66.1 69.1 103.7#



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: 2.18 ng

RT: 17.00 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE090327.D

Acq: 4 Aug 2015 2:03

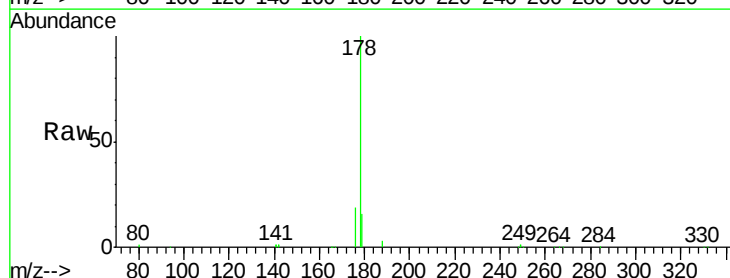
Tgt Ion:178 Resp: 35443

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

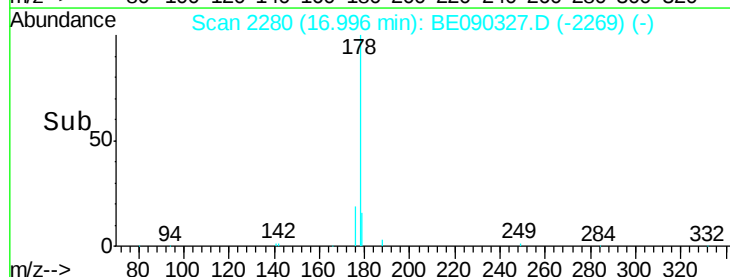
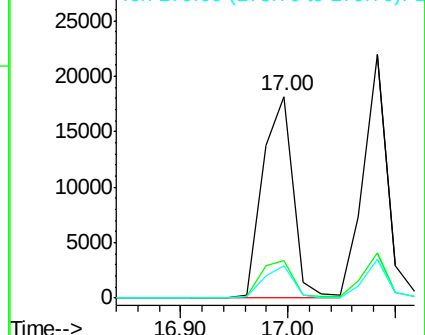
179 15.6 12.6 18.8

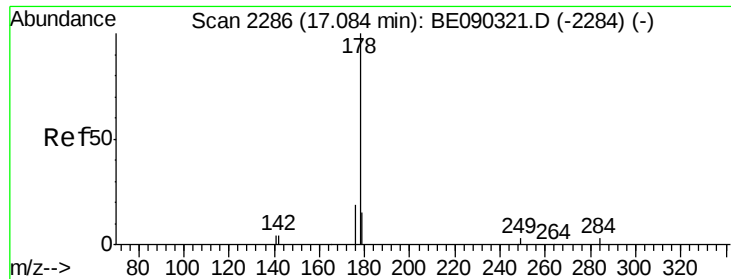


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 2.34 ng

RT: 17.08 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BE090327.D

Acq: 4 Aug 2015 2:03

Instrument :

BNA_E

ClientSampleId :

PB84793BS

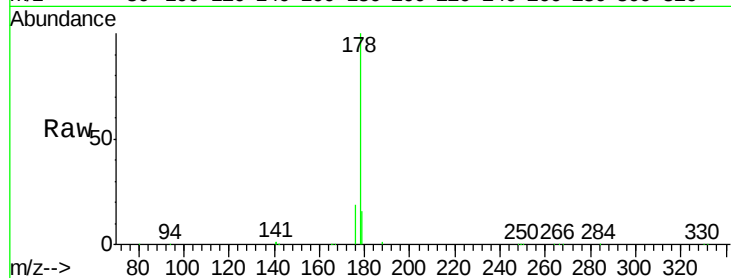
Tot Ion:178 Resp: 34136

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

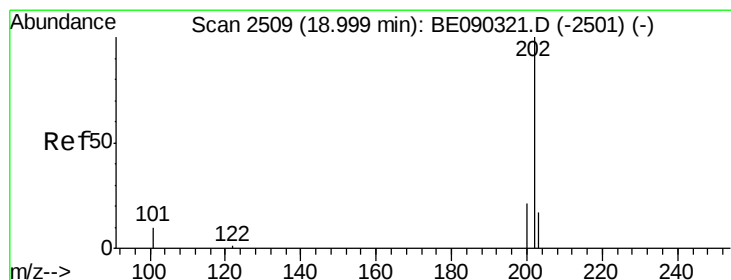
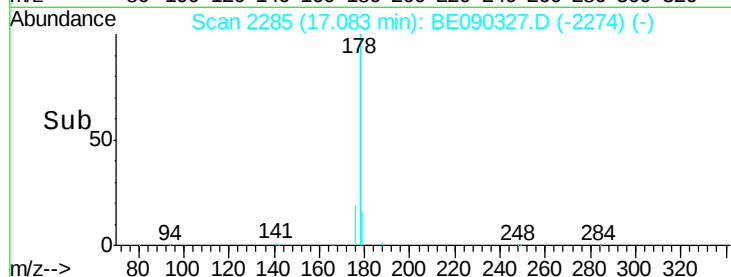
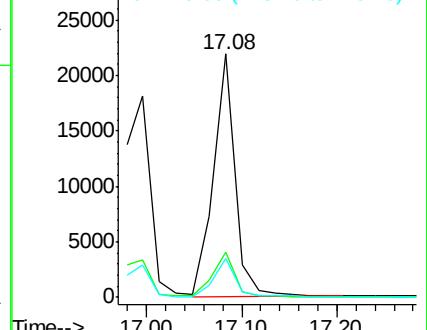
179 15.8 12.1 18.1



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: 2.29 ng

RT: 18.99 min Scan# 2507

Delta R.T. -0.01 min

Lab File: BE090327.D

Acq: 4 Aug 2015 2:03

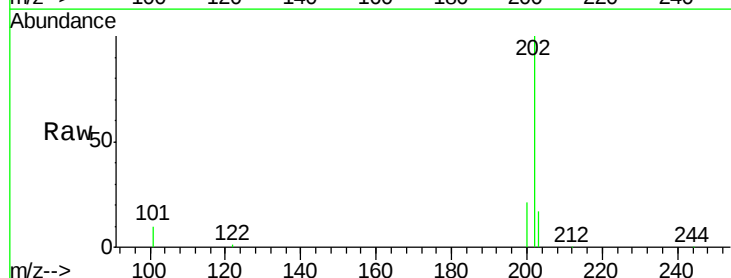
Tgt Ion:202 Resp: 37478

Ion Ratio Lower Upper

202 100

101 10.5 8.3 12.5

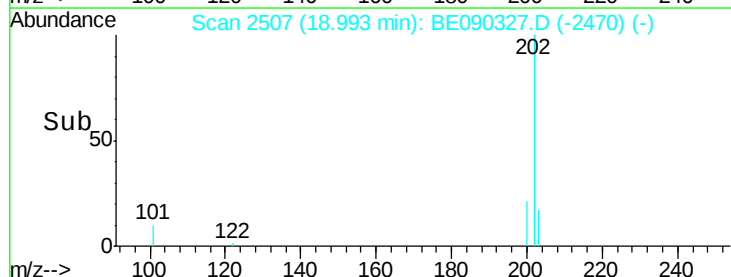
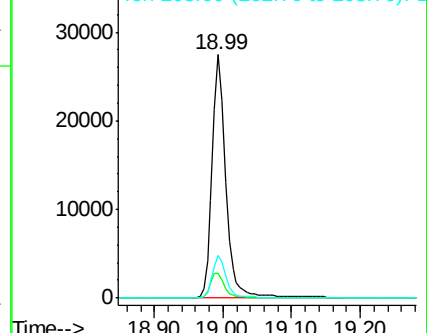
203 17.2 13.8 20.8

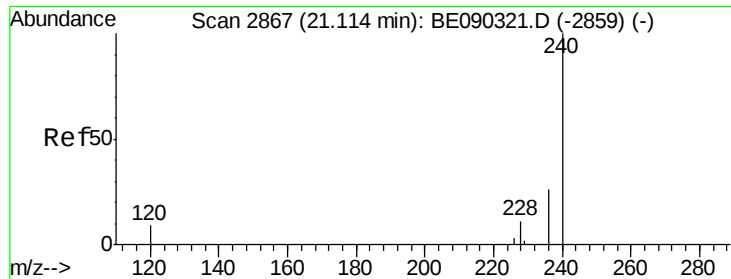


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

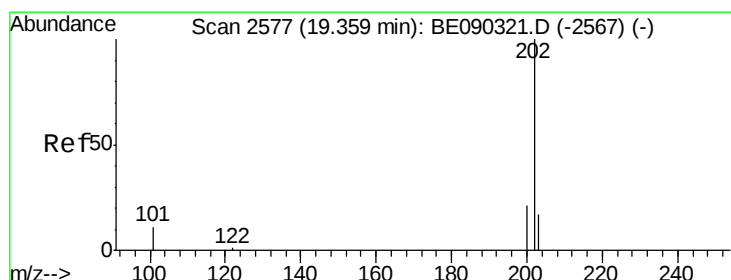
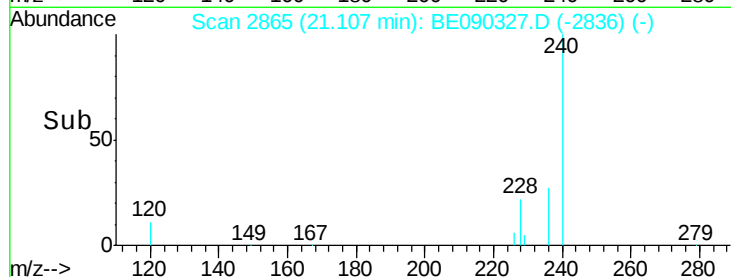
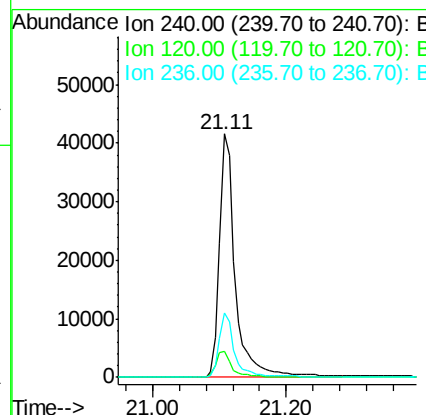
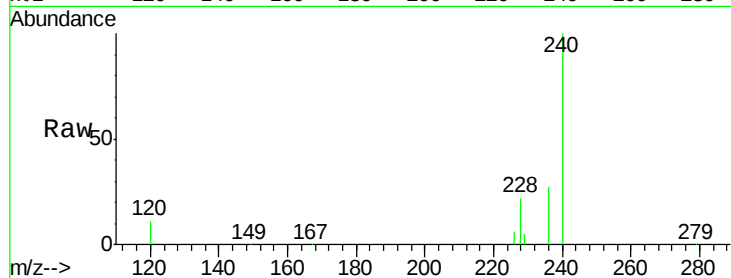




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.11 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BE090327.D
Acq: 4 Aug 2015 2:03

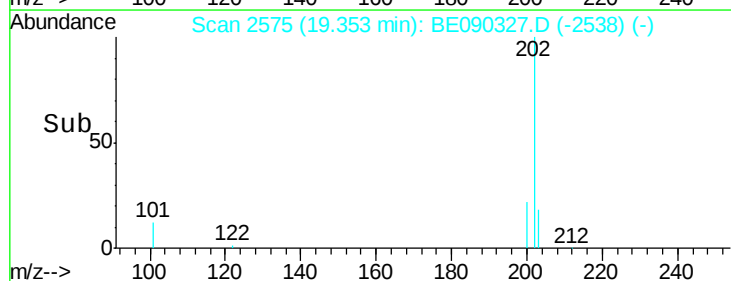
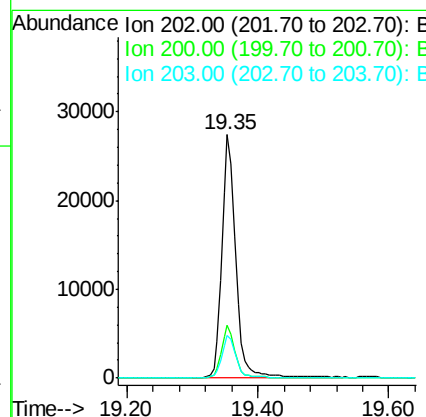
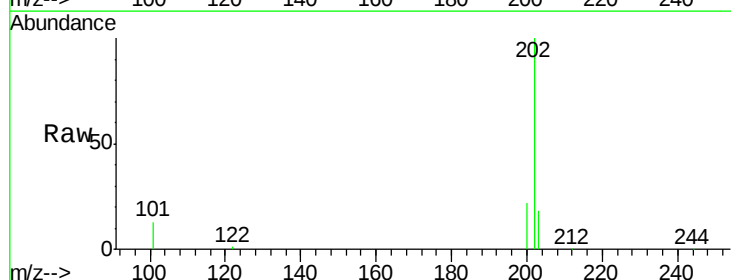
Instrument :
BNA_E
ClientSampled :
PB84793BS

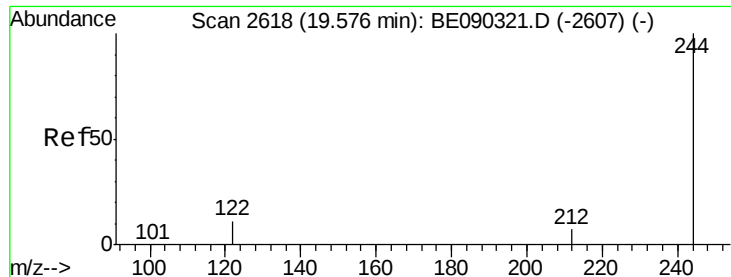
Tot Ion:240 Resp: 67246
Ion Ratio Lower Upper
240 100
120 10.9 7.5 11.3
236 26.7 21.0 31.4



#26
Pyrene
Concen: 2.18 ng
RT: 19.35 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BE090327.D
Acq: 4 Aug 2015 2:03

Tgt Ion:202 Resp: 39678
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 18.1 13.8 20.6

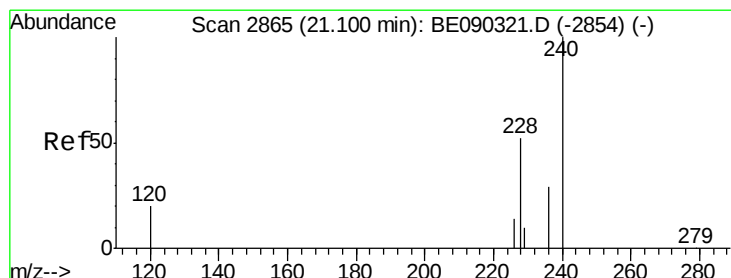
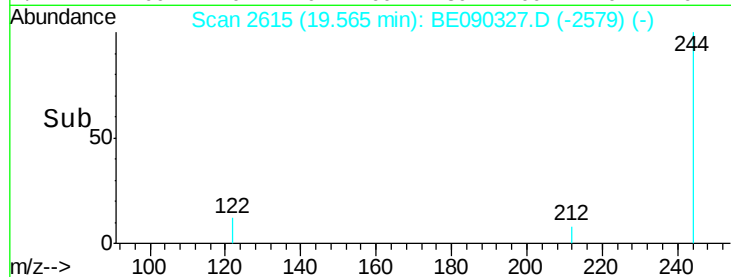
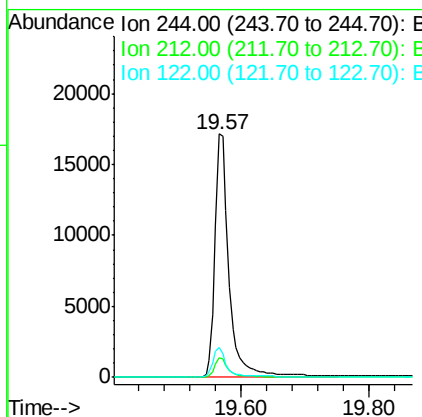
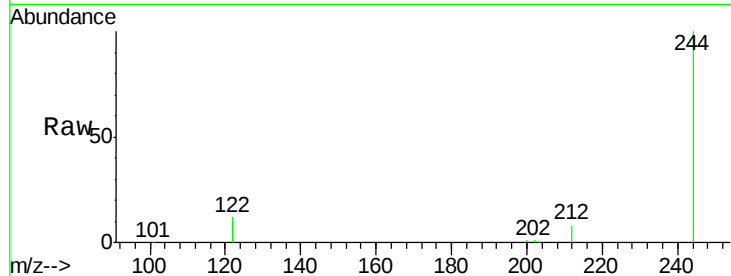




#27
 Terphenyl-d14
 Concen: 2.08 ng
 RT: 19.57 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BE090327.D
 Acq: 4 Aug 2015 2:03

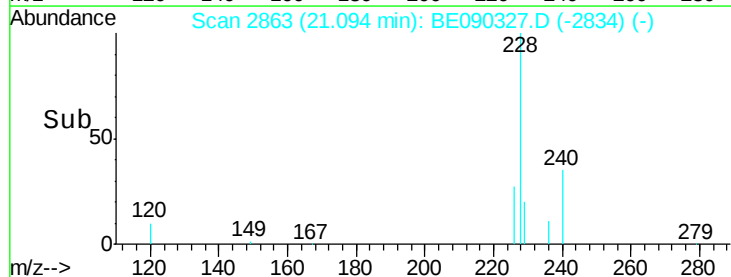
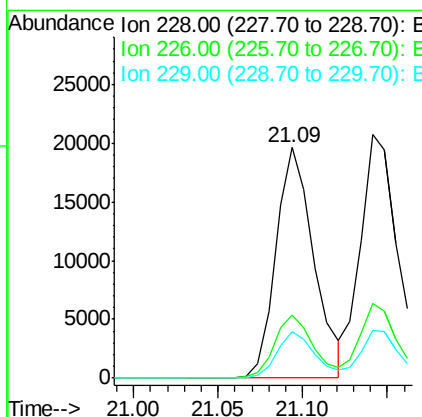
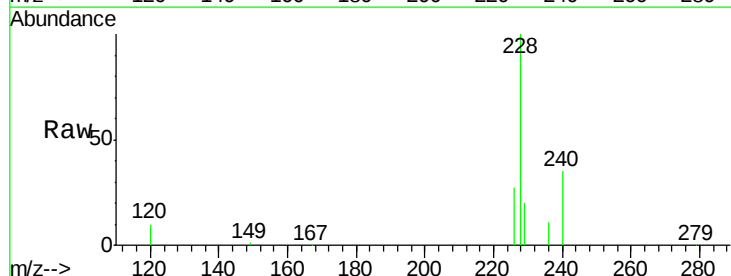
Instrument :
 BNA_E
 ClientSampleId :
 PB84793BS

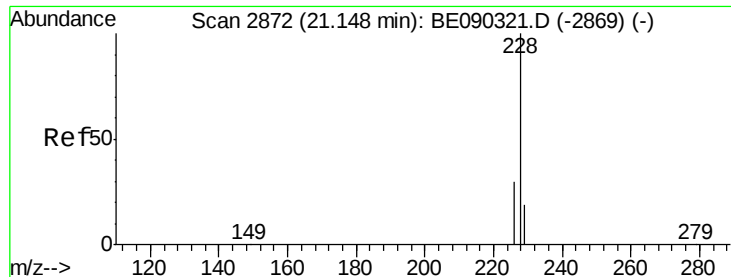
Tot Ion:244 Resp: 26159
 Ion Ratio Lower Upper
 244 100
 212 7.9 7.4 11.2
 122 12.5 10.4 15.6



#28
 Benzo(a)anthracene
 Concen: 2.37 ng
 RT: 21.09 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BE090327.D
 Acq: 4 Aug 2015 2:03

Tgt Ion:228 Resp: 30278
 Ion Ratio Lower Upper
 228 100
 226 27.2 23.0 34.4
 229 20.0 17.4 26.2





#29

Chrysene

Concen: 2.33 ng

RT: 21.14 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BE090327.D

Acq: 4 Aug 2015 2:03

Instrument :

BNA_E

ClientSampleId :

PB84793BS

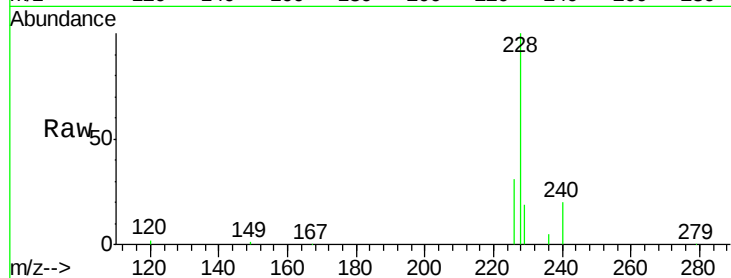
Tot Ion:228 Resp: 35976

Ion Ratio Lower Upper

228 100

226 30.8 24.9 37.3

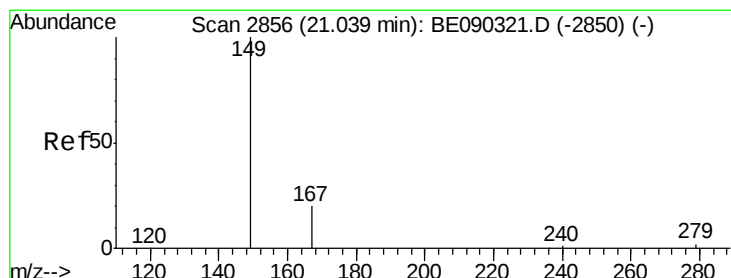
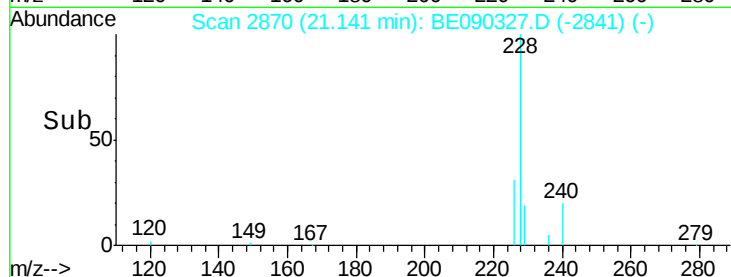
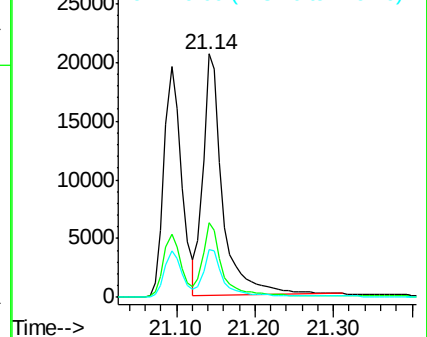
229 19.5 16.6 25.0



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: 2.38 ng

RT: 21.04 min Scan# 2855

Delta R.T. 0.00 min

Lab File: BE090327.D

Acq: 4 Aug 2015 2:03

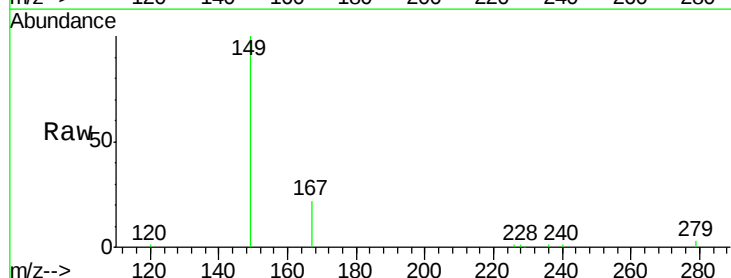
Tgt Ion:149 Resp: 11242

Ion Ratio Lower Upper

149 100

167 21.4 16.6 24.8

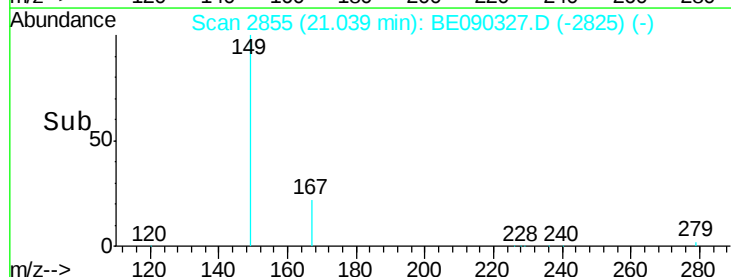
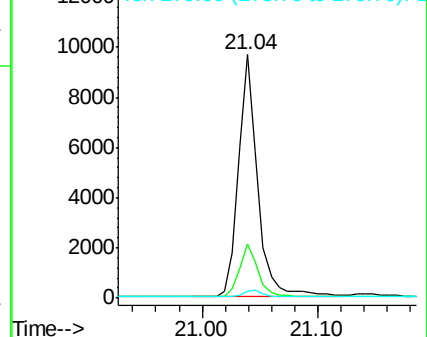
279 2.8 2.7 4.1

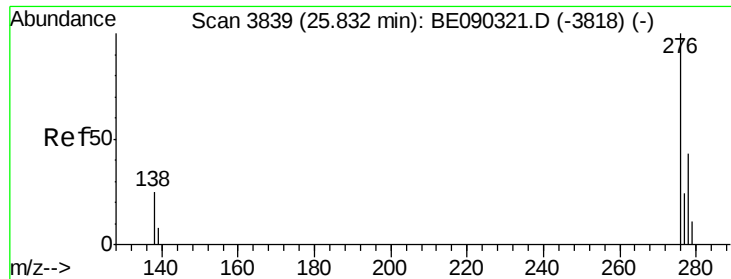


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

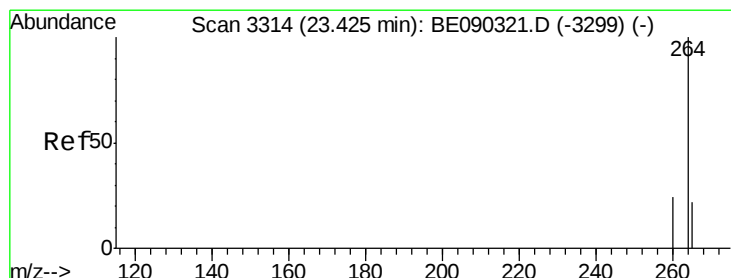
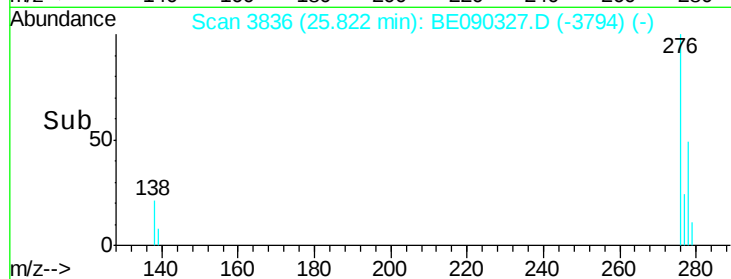
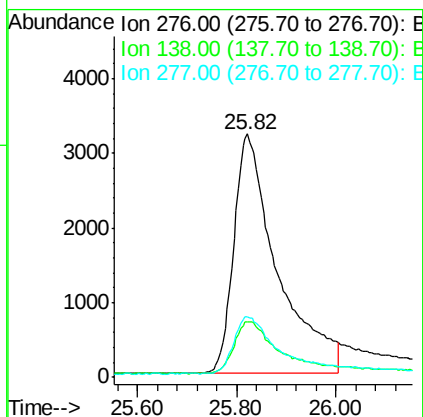
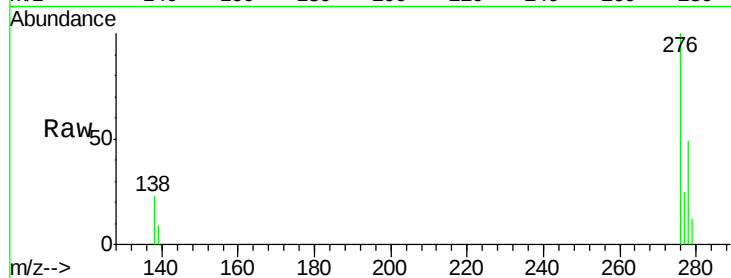




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 2.47 ng
 RT: 25.82 min Scan# 3836
 Delta R.T. -0.01 min
 Lab File: BE090327.D
 Acq: 4 Aug 2015 2:03

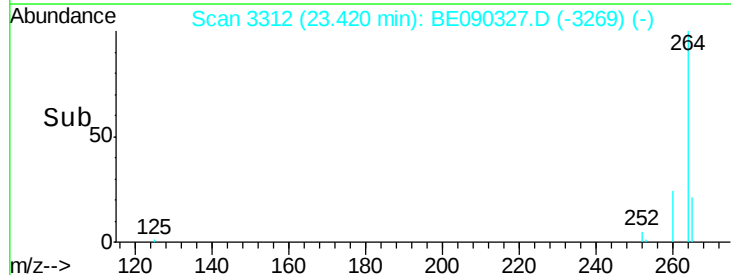
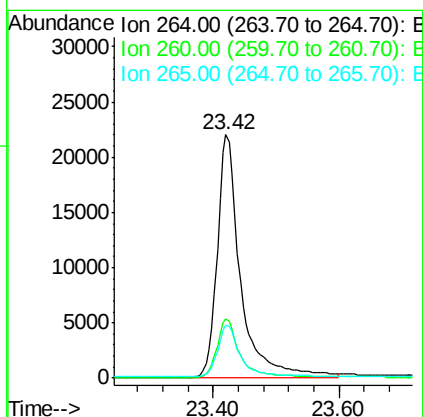
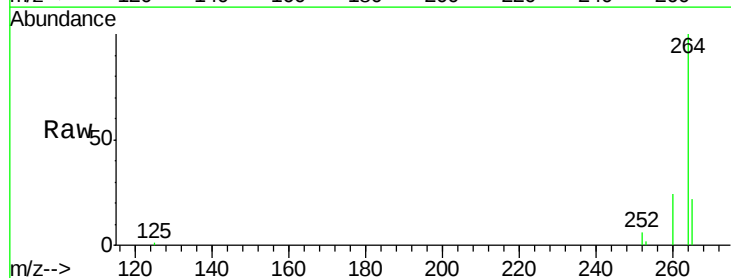
Instrument :
 BNA_E
 ClientSampleId :
 PB84793BS

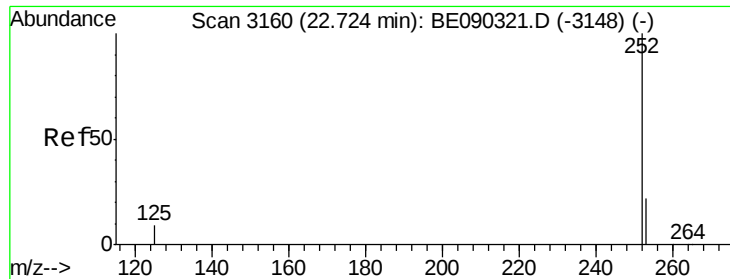
Tot Ion:276 Resp: 19483
 Ion Ratio Lower Upper
 276 100
 138 22.9 10.6 16.0#
 277 24.7 14.6 22.0#



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.42 min Scan# 3312
 Delta R.T. -0.00 min
 Lab File: BE090327.D
 Acq: 4 Aug 2015 2:03

Tgt Ion:264 Resp: 56112
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.1 30.1
 265 21.7 18.6 28.0





#33

Benzo(b)fluoranthene

Concen: 2.10 ng

RT: 22.72 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BE090327.D

Acq: 4 Aug 2015 2:03

Instrument :

BNA_E

ClientSampleId :

PB84793BS

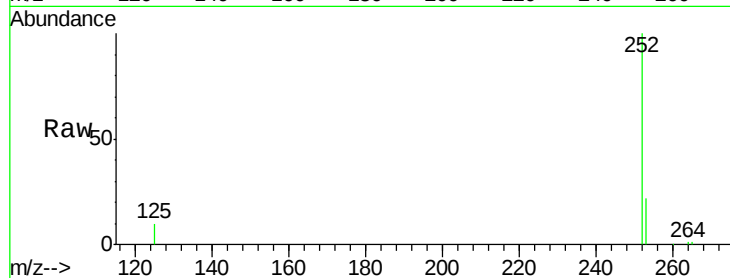
Tot Ion:252 Resp: 20356

Ion Ratio Lower Upper

252 100

253 22.1 21.5 32.3

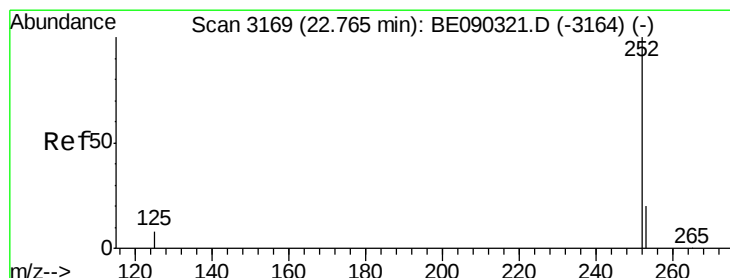
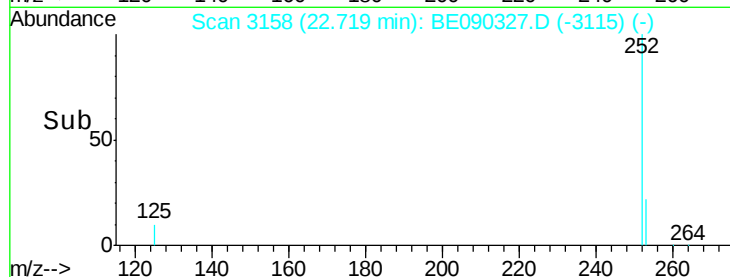
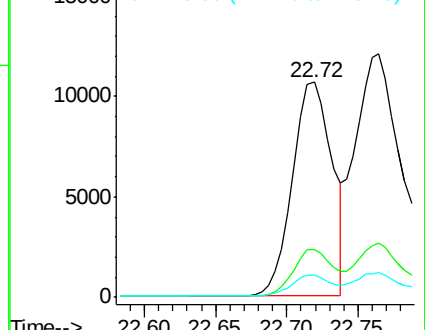
125 10.3 11.8 17.8#



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: 2.17 ng

RT: 22.76 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BE090327.D

Acq: 4 Aug 2015 2:03

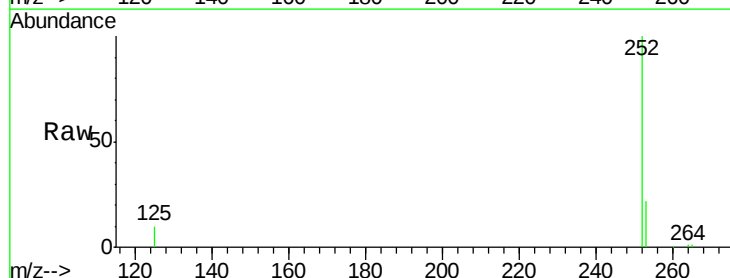
Tgt Ion:252 Resp: 33024

Ion Ratio Lower Upper

252 100

253 22.1 19.9 29.9

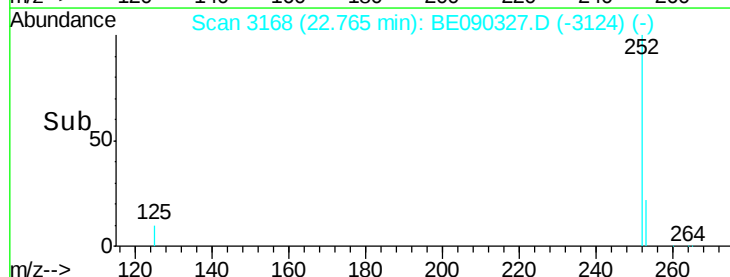
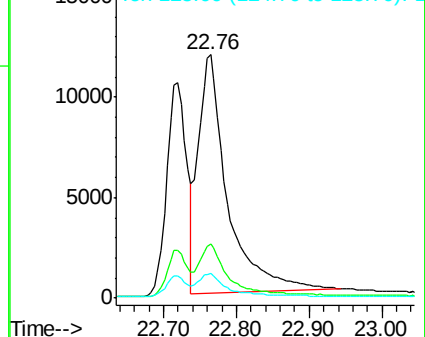
125 10.3 11.2 16.8#

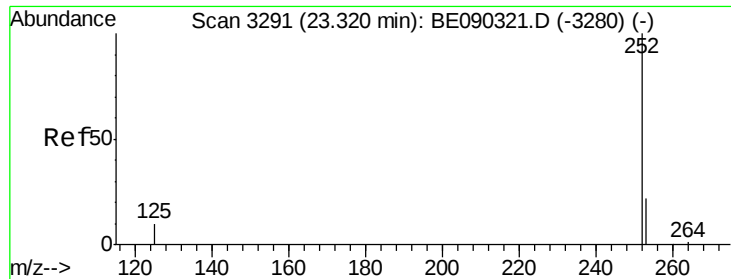


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 2.22 ng

RT: 23.32 min Scan# 3289

Delta R.T. -0.00 min

Lab File: BE090327.D

Acq: 4 Aug 2015 2:03

Instrument :

BNA_E

ClientSampleId :

PB84793BS

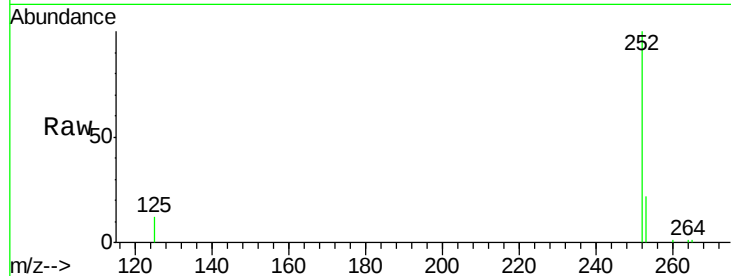
Tot Ion:252 Resp: 20438

Ion Ratio Lower Upper

252 100

253 21.5 23.0 34.4#

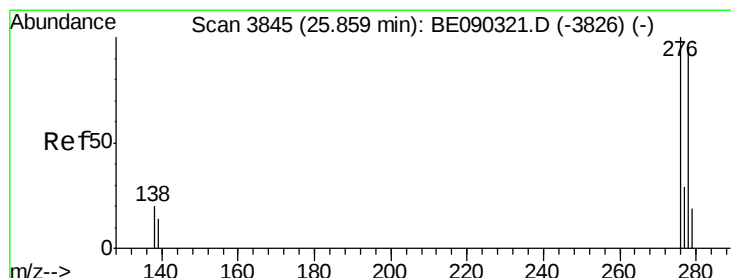
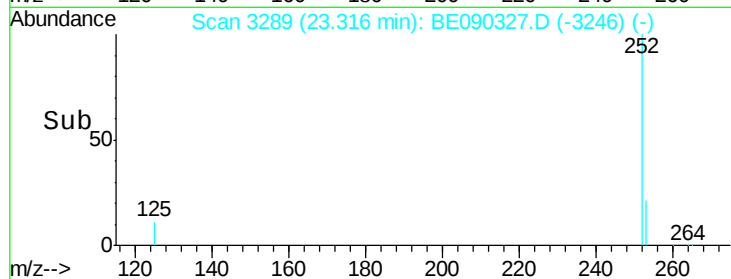
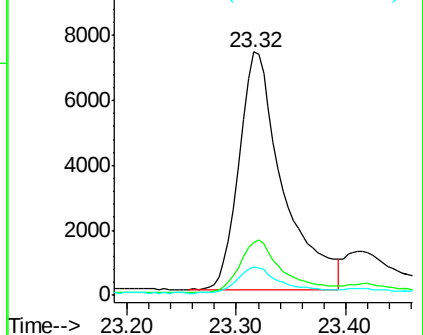
125 11.6 14.2 21.2#



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: 2.47 ng

RT: 25.84 min Scan# 3840

Delta R.T. -0.02 min

Lab File: BE090327.D

Acq: 4 Aug 2015 2:03

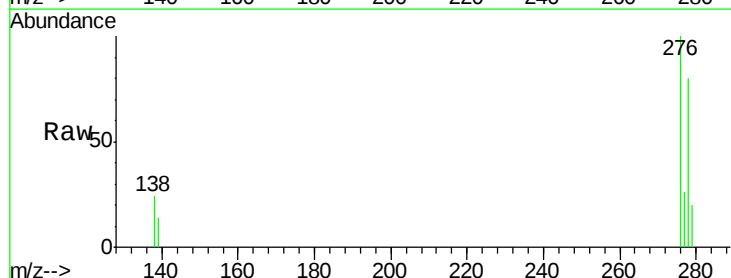
Tgt Ion:278 Resp: 13532

Ion Ratio Lower Upper

278 100

139 16.8 27.8 41.6#

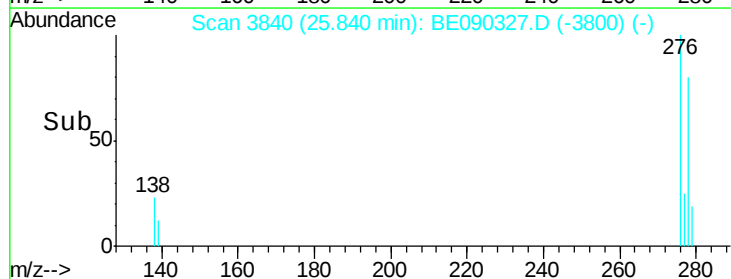
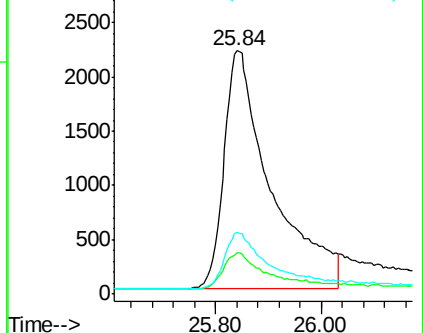
279 25.3 30.9 46.3#

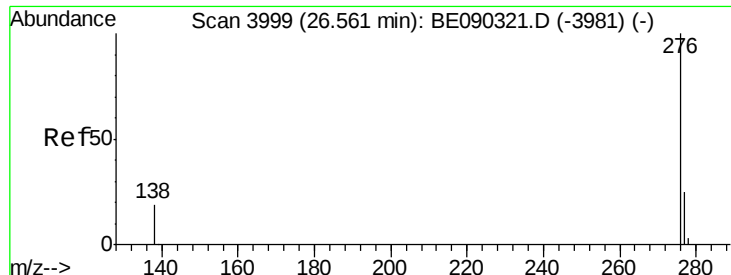


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(a,h,i)perylene

Concen: 2.22 ng

RT: 26.55 min Scan# 3996

Delta R.T. -0.01 min

Lab File: BE090327.D

Acq: 4 Aug 2015 2:03

Instrument :

BNA_E

ClientSampleId :

PB84793BS

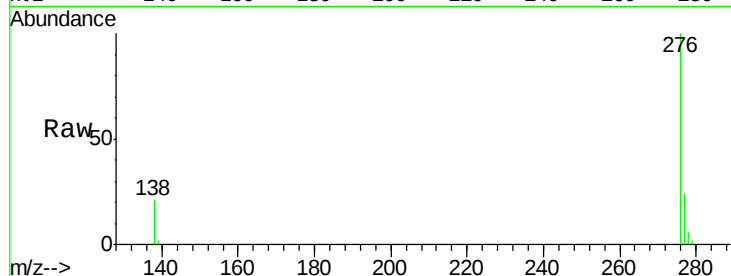
Tot Ion: 276 Resp: 21624

Ion Ratio Lower Upper

276 100

277 24.4 25.6 38.4#

138 21.2 22.0 33.0#



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

