

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080515\
 Data File : BE090369.D
 Acq On : 5 Aug 2015 21:07
 Operator : TP/UM
 Sample : ICVBE080515
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE080515

Quant Time: Aug 06 02:34:15 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 02:22:05 2015
 Response via : Initial Calibration

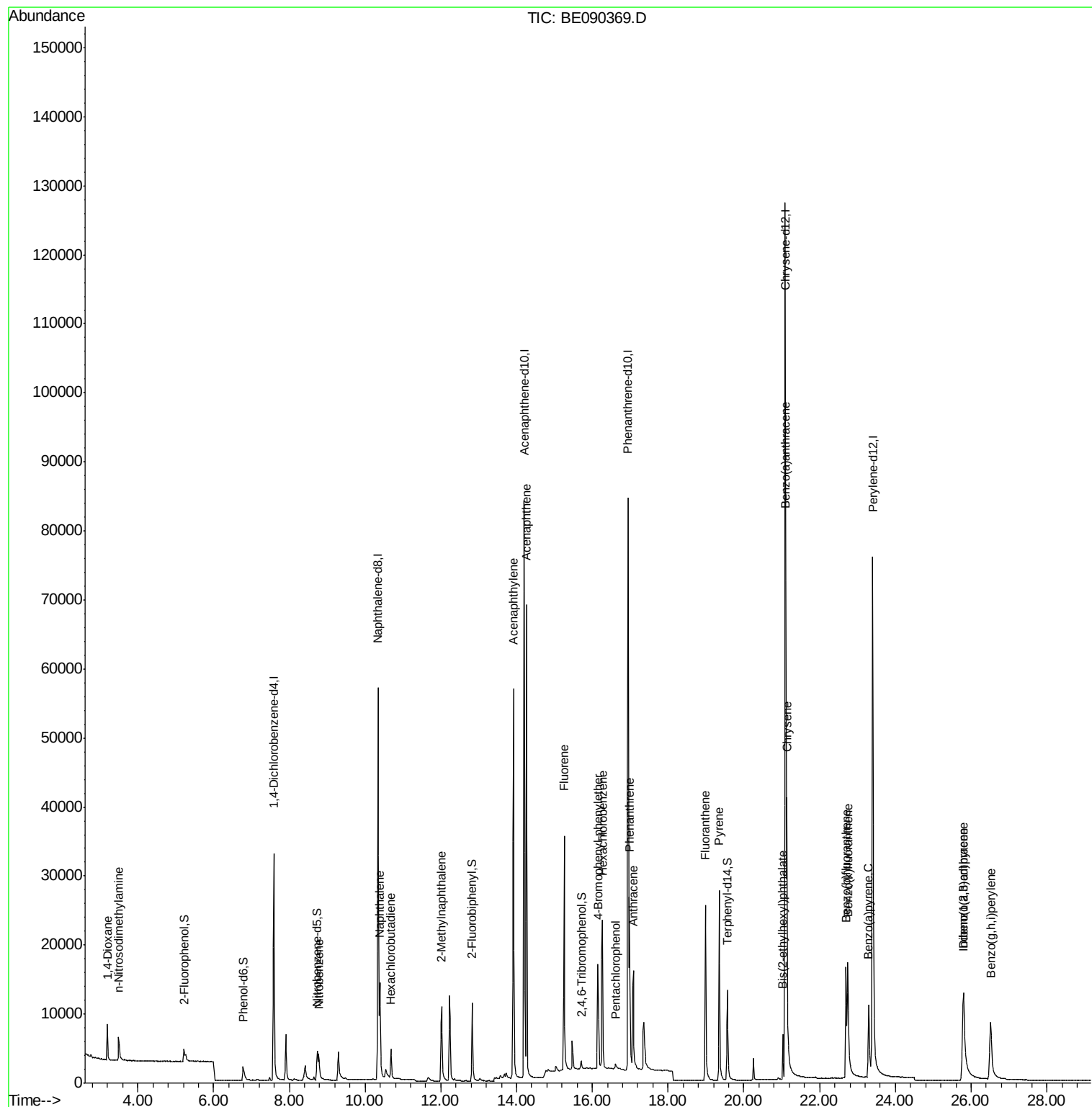
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	19087	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	85239	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	48706	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	114267	5.00	ng	0.00
25) Chrysene-d12	21.10	240	136475	5.00	ng	0.00
32) Perylene-d12	23.40	264	119305	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	1655	0.71	ng	0.00
5) Phenol-d6	6.78	99	4569	0.96	ng	0.00
7) Nitrobenzene-d5	8.73	82	5617	0.98	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	805	1.01	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	14096	1.05	ng	0.00
27) Terphenyl-d14	19.56	244	20287	1.01	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	2996	1.23	ng	94
3) n-Nitrosodimethylamine	3.49	42	2728	0.92	ng	85
8) Nitrobenzene	8.78	77	5732	0.95	ng	99
9) Naphthalene	10.39	128	18893	1.00	ng	99
10) Hexachlorobutadiene	10.69	225	3240	1.08	ng	99
11) 2-Methylnaphthalene	12.01	142	11335	1.04	ng	99
15) Acenaphthylene	13.92	152	82006	1.04	ng	100
16) Acenaphthene	14.26	154	12280	1.00	ng	95
17) Fluorene	15.26	166	16625	1.04	ng	96
19) 4-Bromophenyl-phenylether	16.14	248	4651	1.05	ng	99
20) Hexachlorobenzene	16.27	284	23822	1.04	ng	98
21) Pentachlorophenol	16.61	266	727	0.98	ng	95
22) Phenanthrene	16.98	178	28189	0.99	ng	100
23) Anthracene	17.08	178	24481	1.04	ng	100
24) Fluoranthene	18.99	202	29244	1.04	ng	99
26) Pyrene	19.35	202	29564	1.00	ng	100
28) Benzo(a)anthracene	21.08	228	28673	0.95	ng	100
29) Chrysene	21.14	228	37828	1.03	ng	99
30) Bis(2-ethylhexyl)phthalate	21.03	149	6106	0.90	ng	# 99
31) Indeno(1,2,3-cd)pyrene	25.79	276	26172	1.01	ng	98
33) Benzo(b)fluoranthene	22.70	252	23052	1.01	ng	99
34) Benzo(k)fluoranthene	22.75	252	33753	1.03	ng	99
35) Benzo(a)pyrene	23.30	252	21240	1.02	ng	100
36) Dibenzo(a,h)anthracene	25.80	278	19556	1.02	ng	98
37) Benzo(g,h,i)perylene	26.52	276	23566	1.07	ng	98

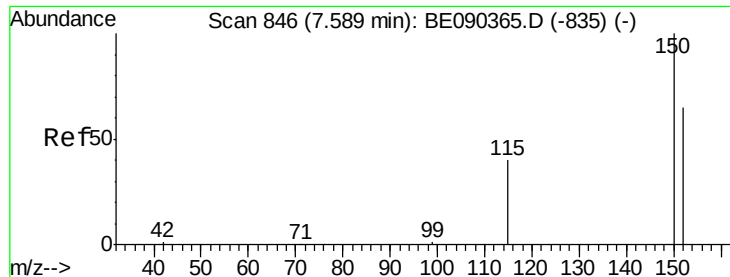
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.59 min Scan# 846

Delta R.T. -0.00 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

Instrument :

BNA_E

ClientSampleId :

ICVBE080515

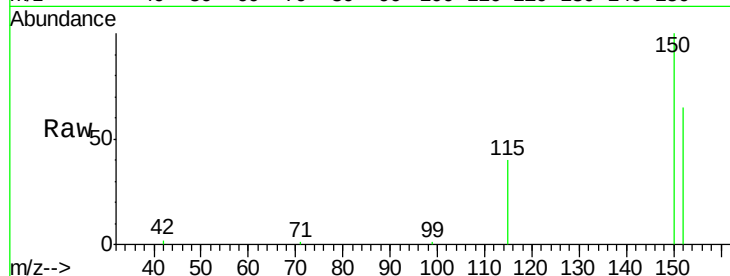
Tgt Ion:152 Resp: 19087

Ion Ratio Lower Upper

152 100

150 153.5 123.0 184.4

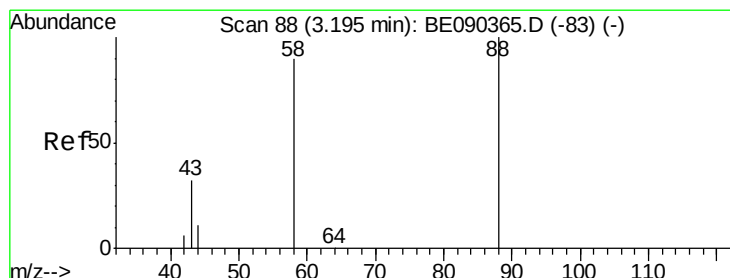
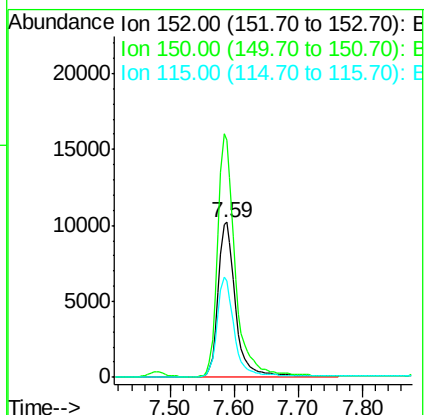
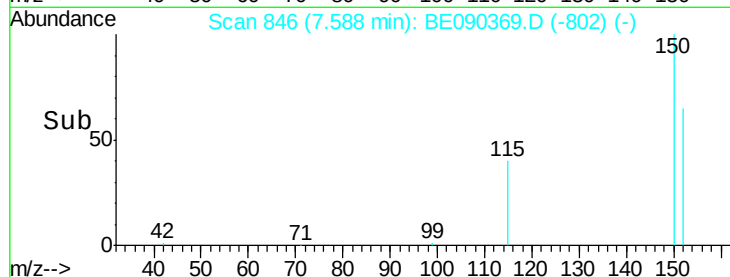
115 61.8 48.9 73.3



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: 1.23 ng

RT: 3.20 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

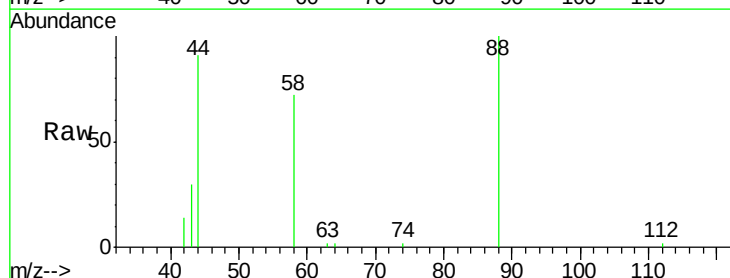
Tgt Ion: 88 Resp: 2996

Ion Ratio Lower Upper

88 100

58 82.0 70.0 105.0

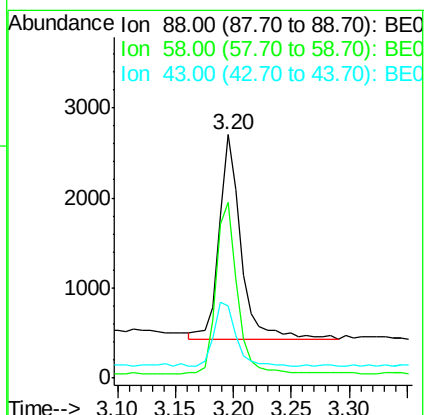
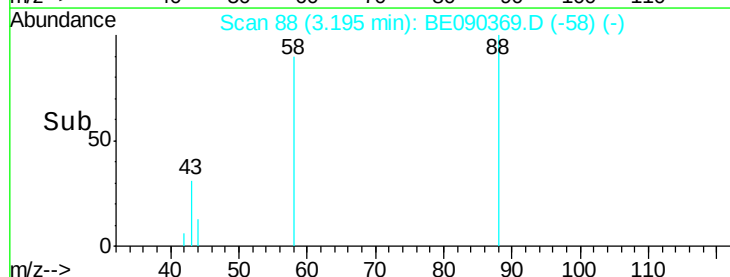
43 32.2 28.4 42.6

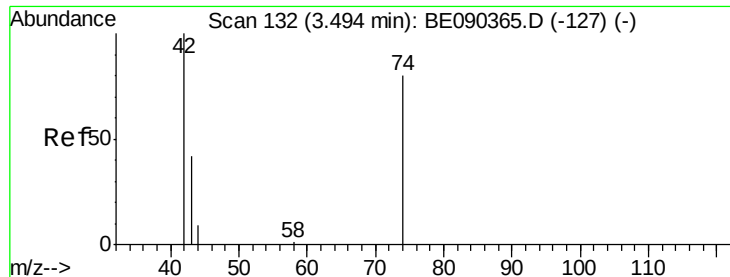


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



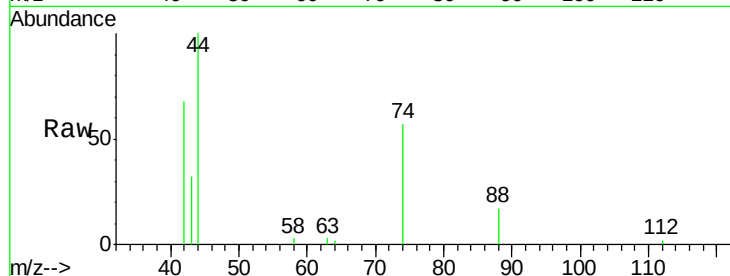


#3

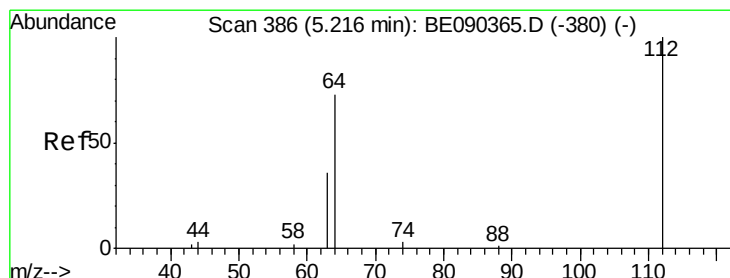
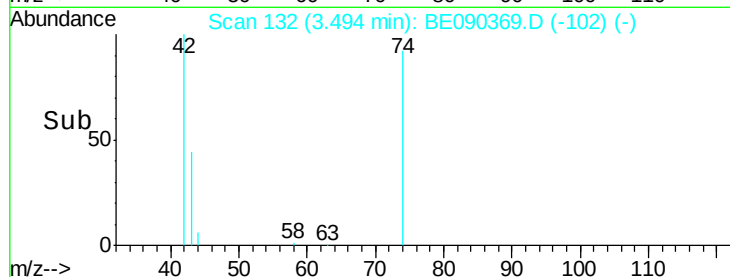
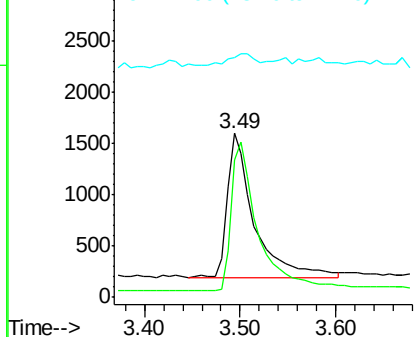
n-Nitrosodimethylamine
 Concen: 0.92 ng
 RT: 3.49 min Scan# 132
 Delta R.T. 0.00 min
 Lab File: BE090369.D
 Acq: 5 Aug 2015 21:07

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE080515

Tgt Ion: 42 Resp: 2728
 Ion Ratio Lower Upper
 42 100
 74 109.1 75.2 112.8
 44 8.9 8.7 13.1



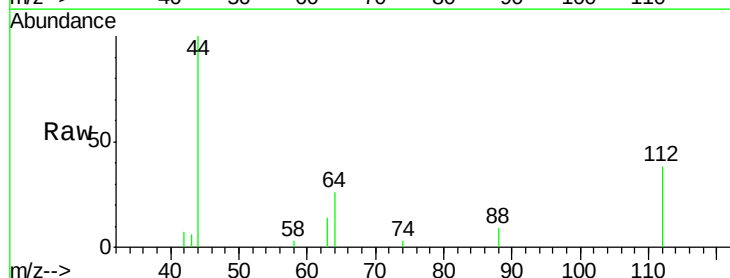
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



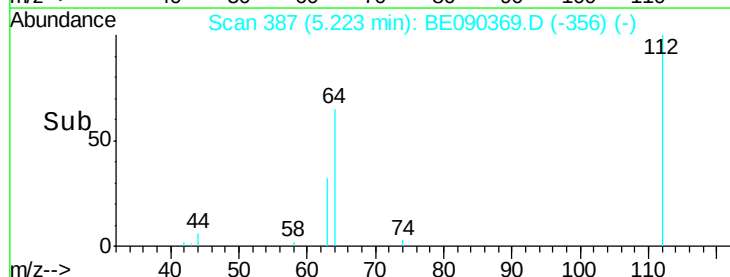
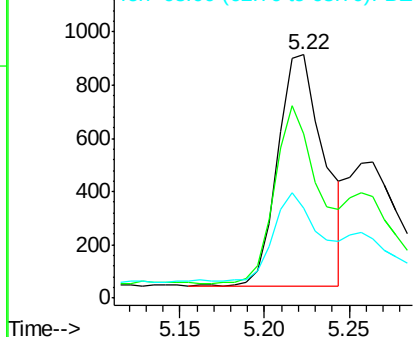
#4

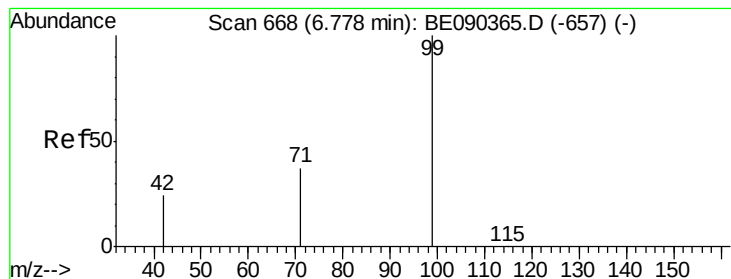
2-Fluorophenol
 Concen: 0.71 ng
 RT: 5.22 min Scan# 387
 Delta R.T. 0.01 min
 Lab File: BE090369.D
 Acq: 5 Aug 2015 21:07

Tgt Ion: 112 Resp: 1655
 Ion Ratio Lower Upper
 112 100
 64 74.6 37.1 55.7#
 63 38.0 19.5 29.3#



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: 0.96 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

Instrument :

BNA_E

ClientSampleId :

ICVBE080515

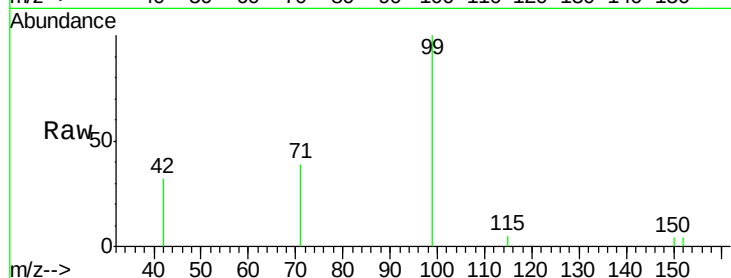
Tgt Ion: 99 Resp: 4569

Ion Ratio Lower Upper

99 100

42 24.2 18.2 27.4

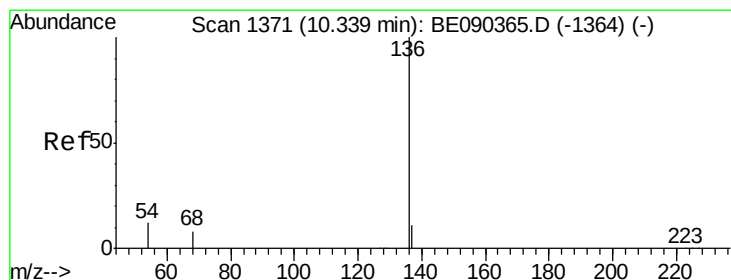
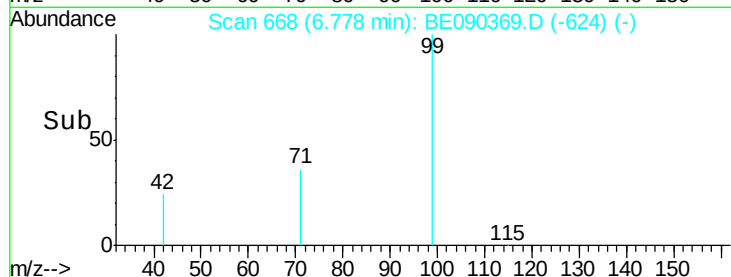
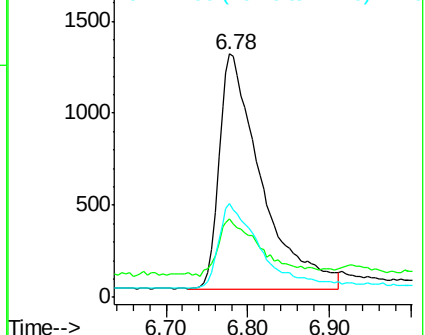
71 35.8 27.4 41.0



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: BE090369.D

Acq: 5 Aug 2015 21:07

Tgt Ion: 136 Resp: 85239

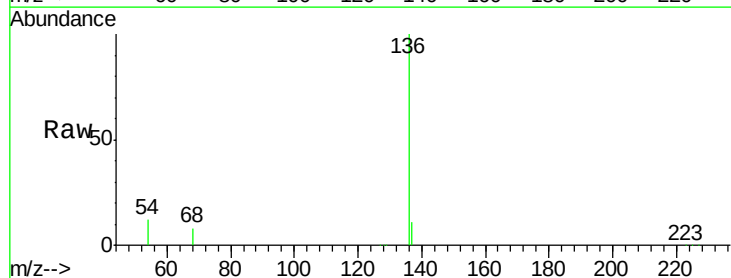
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.7 9.4 14.0

68 8.1 6.5 9.7

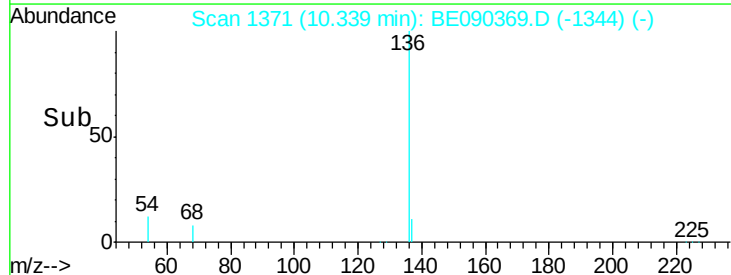
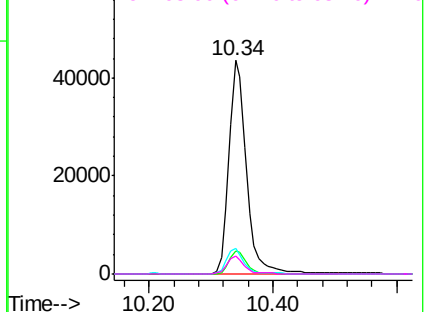


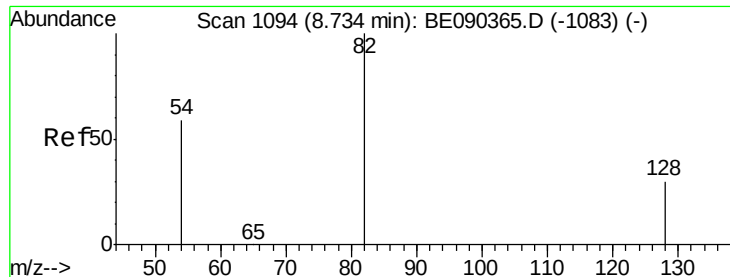
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.98 ng

RT: 8.73 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

Instrument :

BNA_E

ClientSampleId :

ICVBE080515

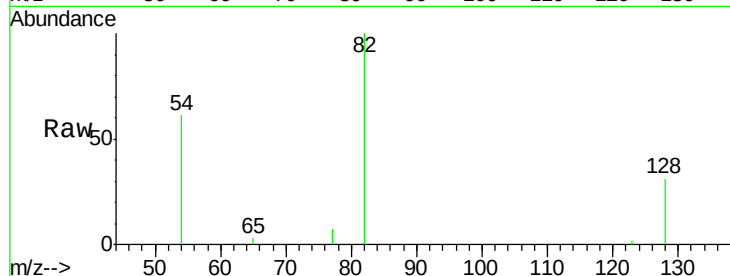
Tgt Ion: 82 Resp: 5617

Ion Ratio Lower Upper

82 100

128 30.9 25.0 37.6

54 60.6 48.8 73.2



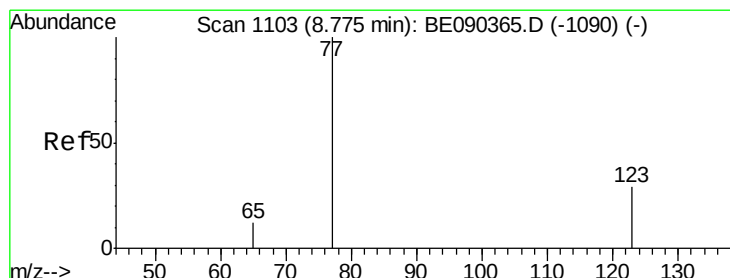
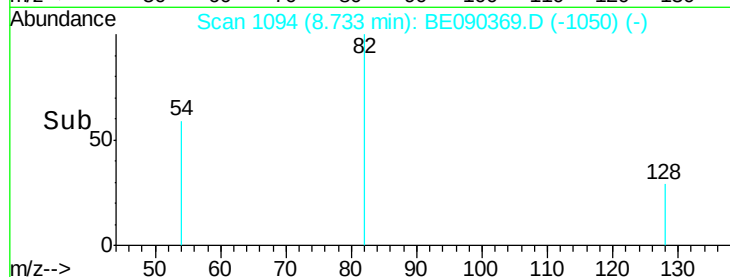
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

8.73

Time-->



#8

Nitrobenzene

Concen: 0.95 ng

RT: 8.78 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

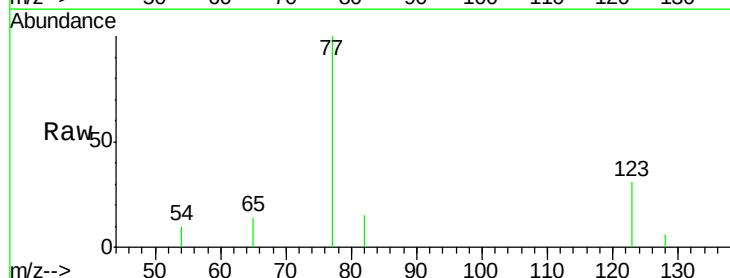
Tgt Ion: 77 Resp: 5732

Ion Ratio Lower Upper

77 100

123 30.4 25.1 37.7

65 11.8 9.3 13.9



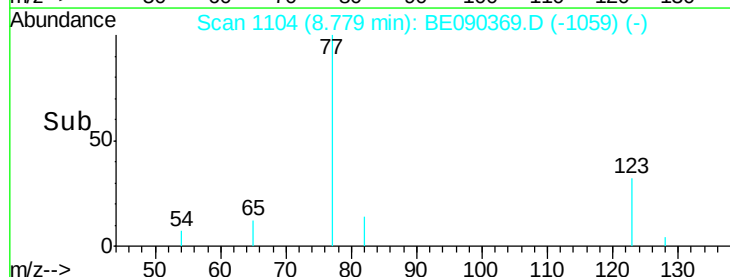
Abundance Ion 77.00 (76.70 to 77.70): BE0

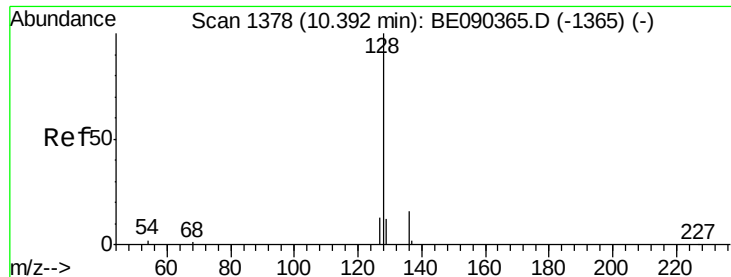
Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

8.78

Time-->





#9

Naphthalene

Concen: 1.00 ng

RT: 10.39 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

Instrument :

BNA_E

ClientSampleId :

ICVBE080515

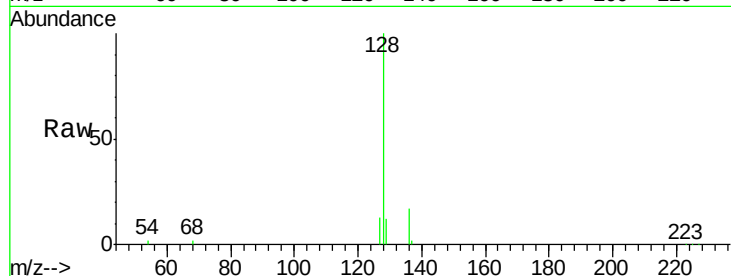
Tgt Ion:128 Resp: 18893

Ion Ratio Lower Upper

128 100

129 11.7 9.8 14.6

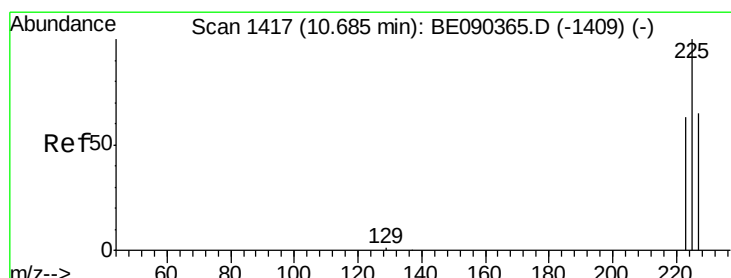
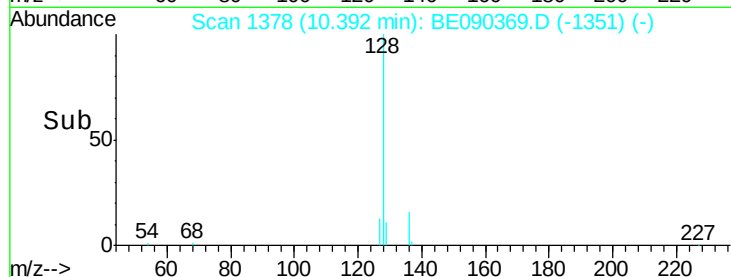
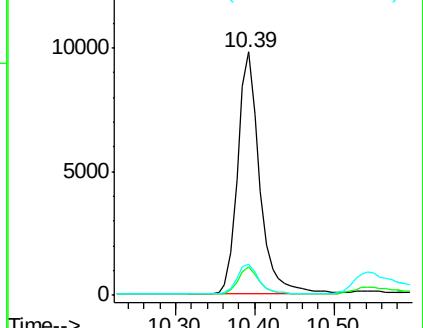
127 12.9 10.6 16.0



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: 1.08 ng

RT: 10.69 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

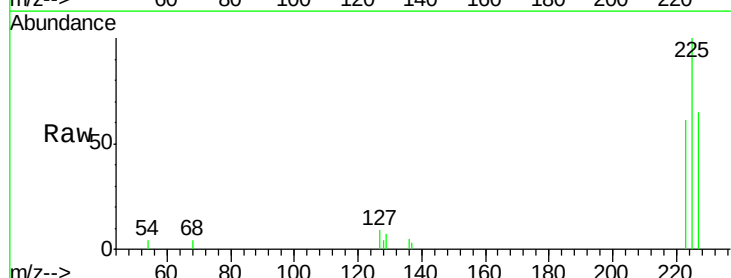
Tgt Ion:225 Resp: 3240

Ion Ratio Lower Upper

225 100

223 62.4 50.6 75.8

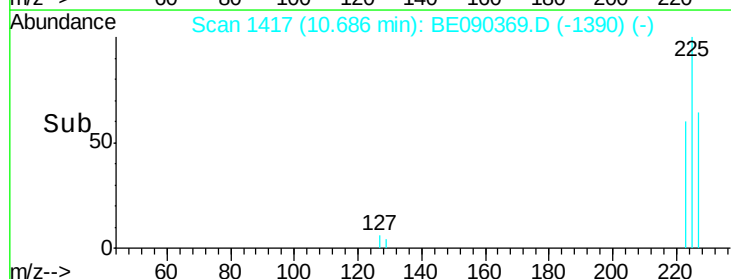
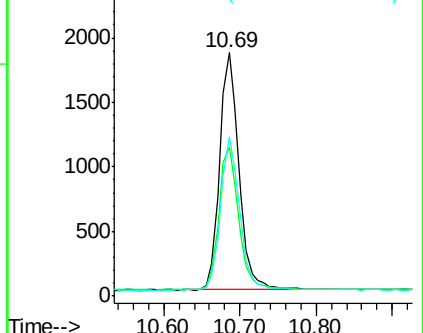
227 64.5 50.7 76.1

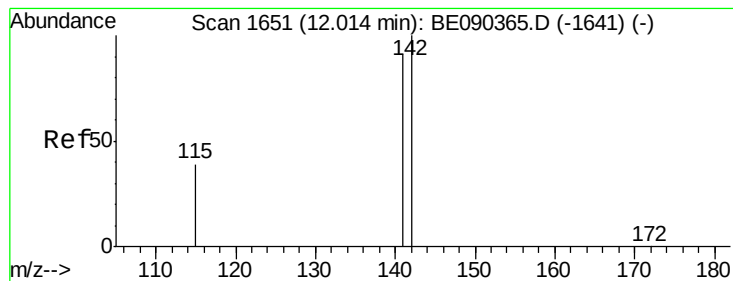


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 1.04 ng

RT: 12.01 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BE090369.D

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Instrument :

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ICVBE080515

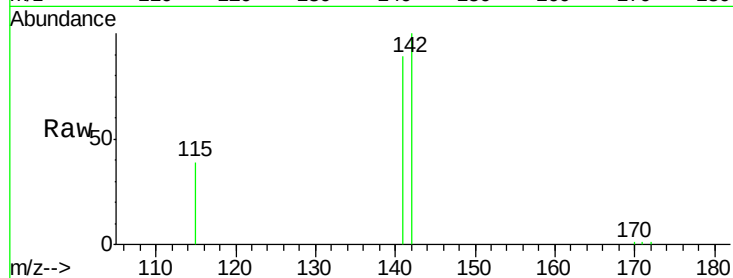
Tgt Ion:142 Resp: 11335

Ion Ratio Lower Upper

142 100

141 89.4 72.6 109.0

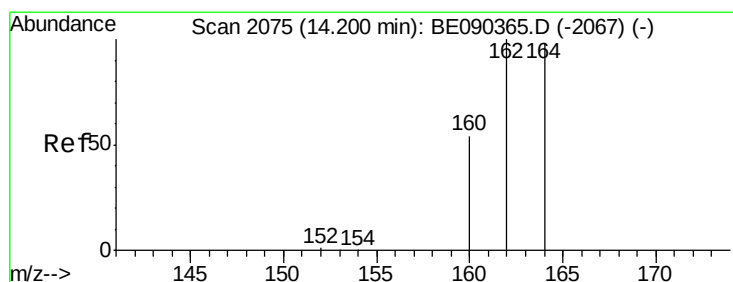
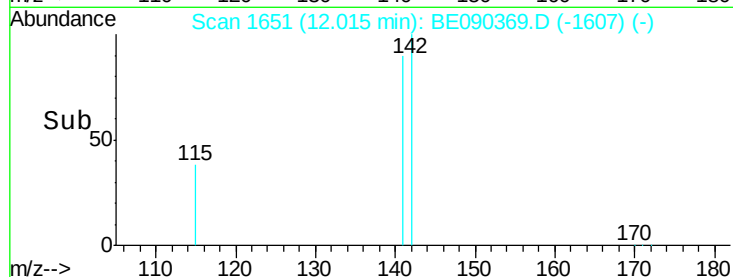
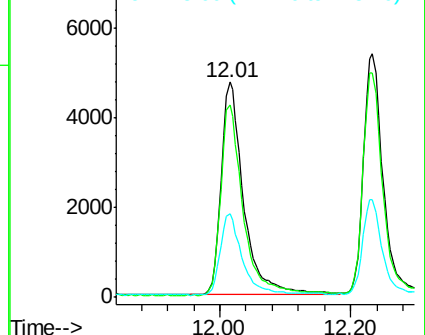
115 38.6 31.6 47.4



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: 14.20 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

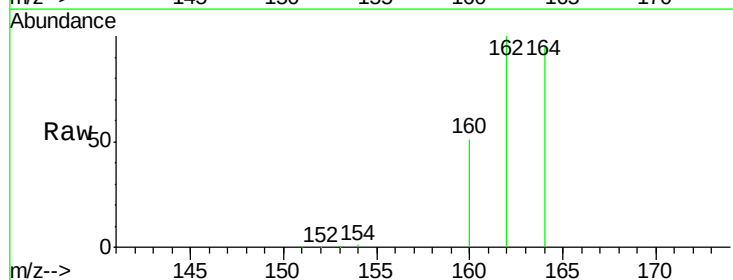
Tgt Ion:164 Resp: 48706

Ion Ratio Lower Upper

164 100

162 105.2 81.8 122.8

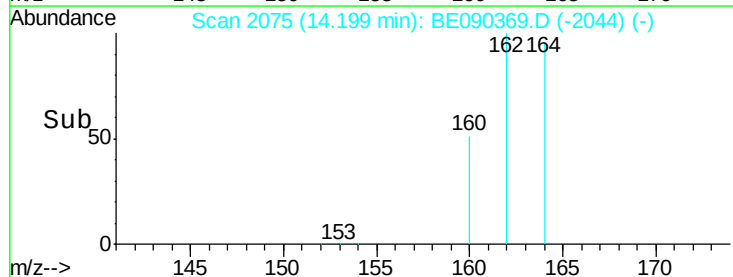
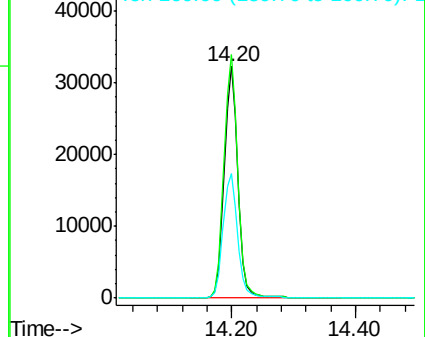
160 54.0 44.2 66.4

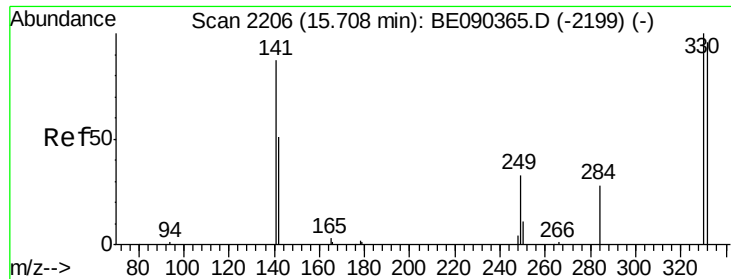


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

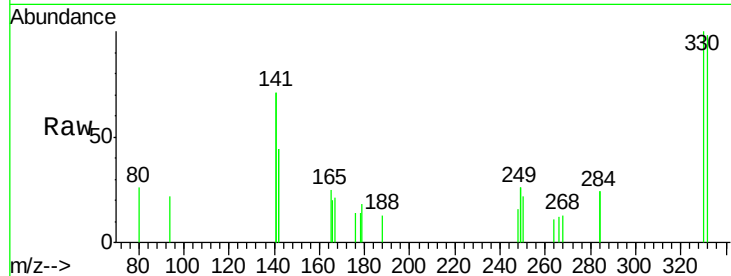




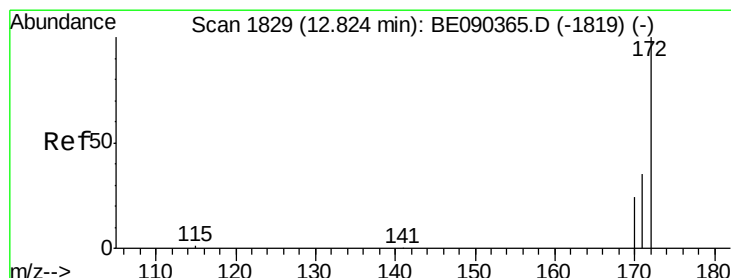
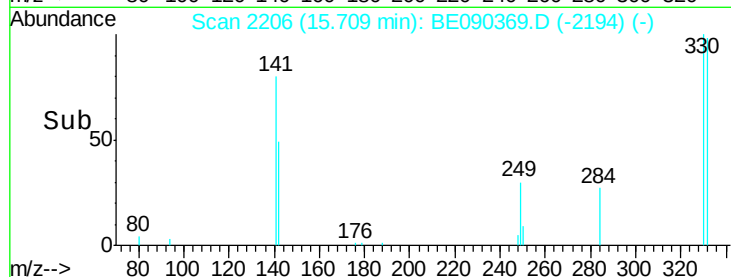
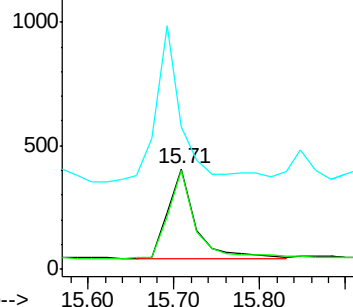
#13
 2,4,6-Tribromophenol
 Concen: 1.01 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE090369.D
 Acq: 5 Aug 2015 21:07

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE080515

Tgt Ion: 330 Resp: 805
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.8 113.6
 141 157.4 114.4 171.6

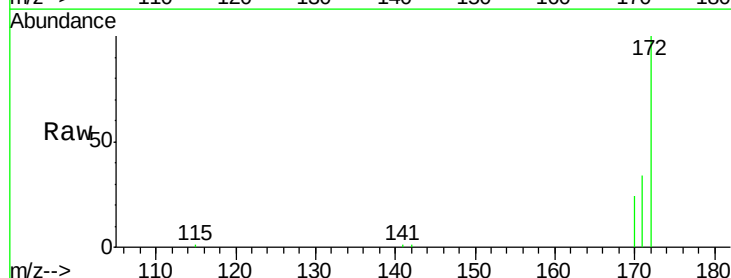


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

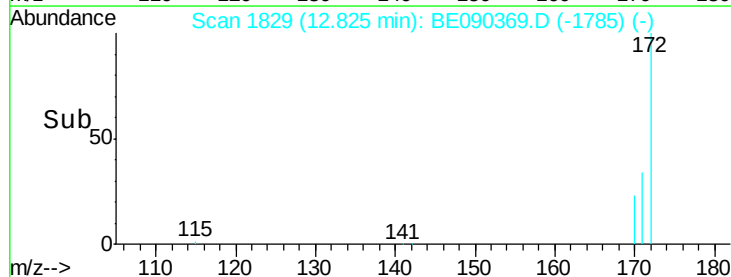
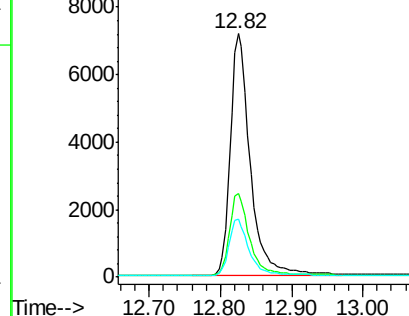


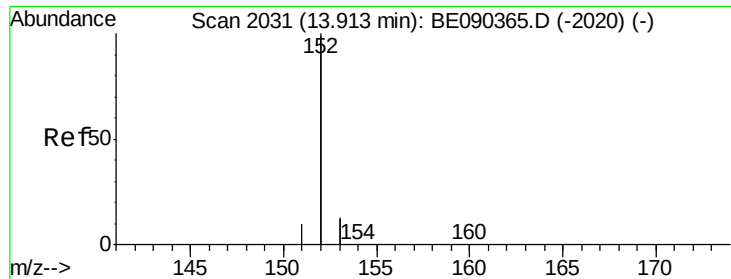
#14
 2-Fluorobiphenyl
 Concen: 1.05 ng
 RT: 12.82 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BE090369.D
 Acq: 5 Aug 2015 21:07

Tgt Ion: 172 Resp: 14096
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.5 42.7
 170 24.0 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 1.04 ng

RT: 13.92 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

Instrument :

BNA_E

ClientSampleId :

ICVBE080515

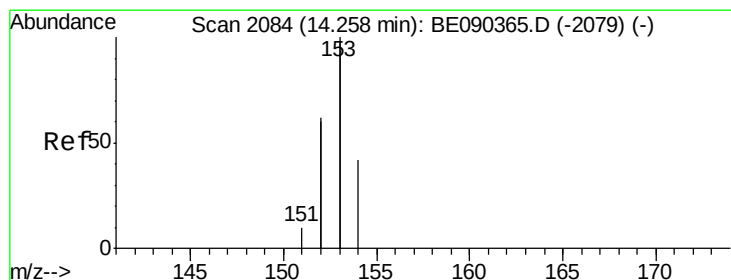
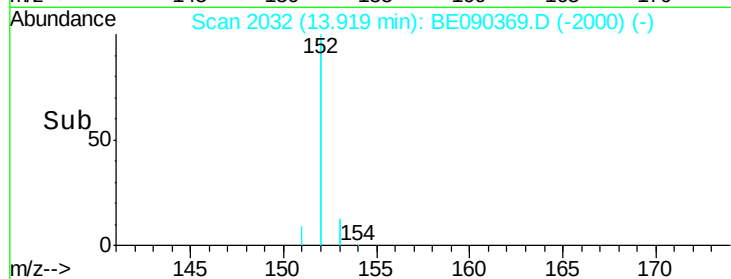
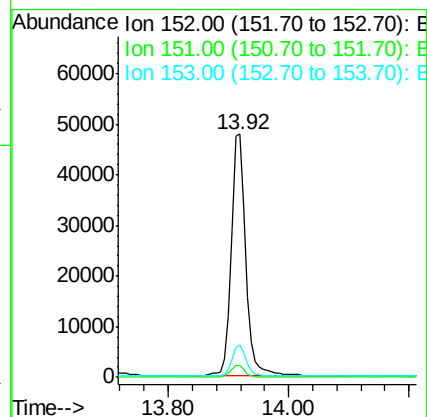
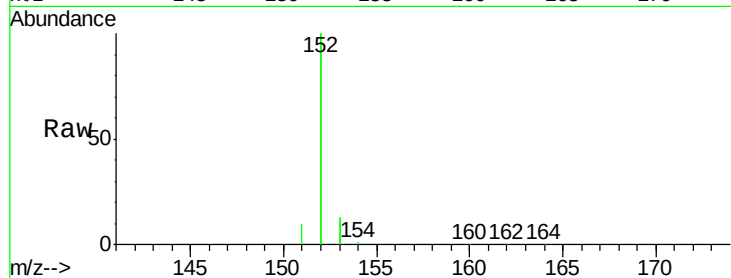
Tgt Ion:152 Resp: 82006

Ion Ratio Lower Upper

152 100

151 4.7 3.8 5.8

153 12.8 10.3 15.5



#16

Acenaphthene

Concen: 1.00 ng

RT: 14.26 min Scan# 2085

Delta R.T. 0.01 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

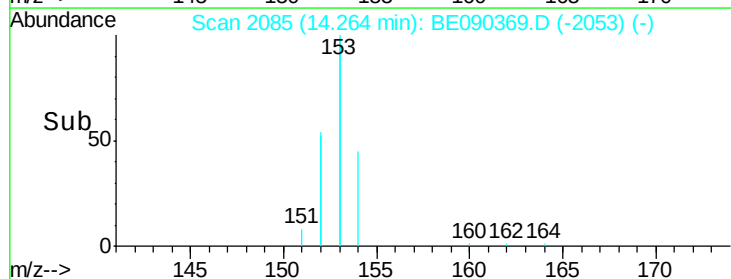
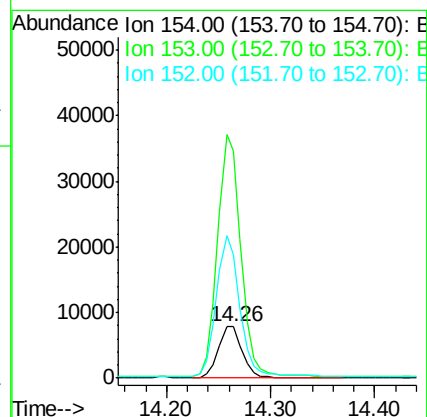
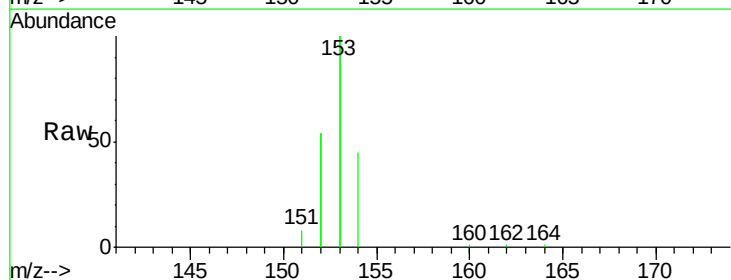
Tgt Ion:154 Resp: 12280

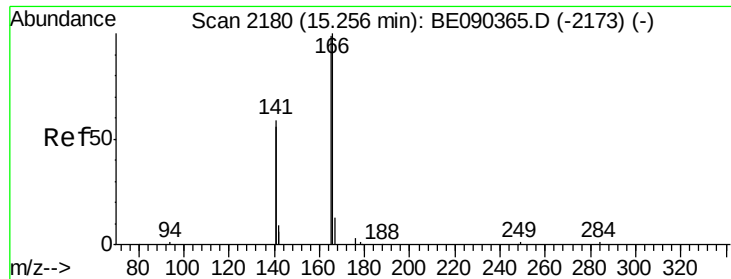
Ion Ratio Lower Upper

154 100

153 466.8 376.2 564.2

152 272.8 235.0 352.4

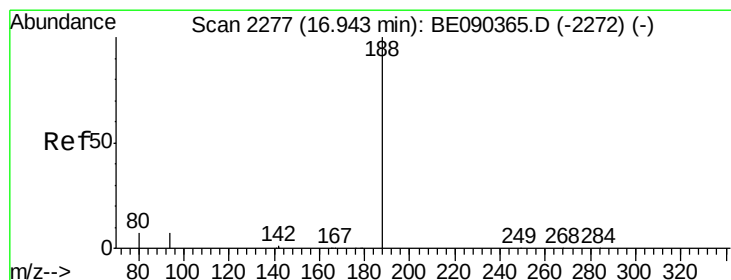
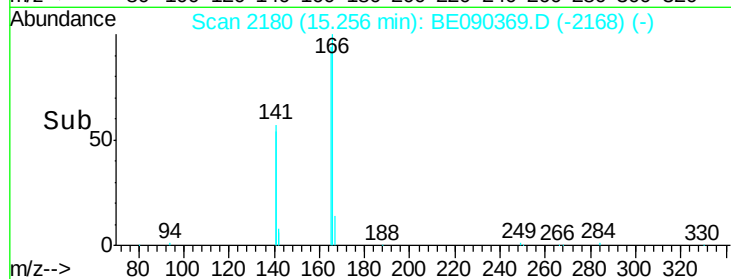
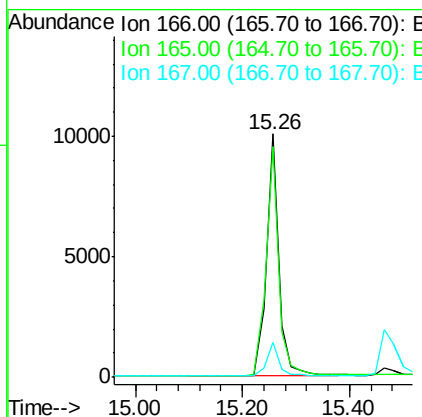
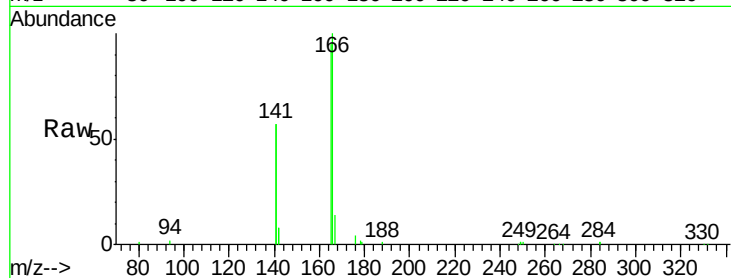




#17
Fluorene
 Concen: 1.04 ng
 RT: 15.26 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BE090369.D
 Acq: 5 Aug 2015 21:07

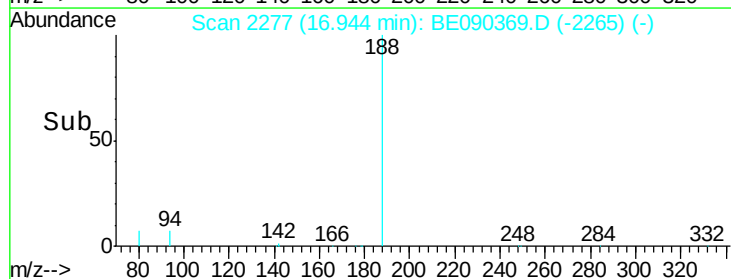
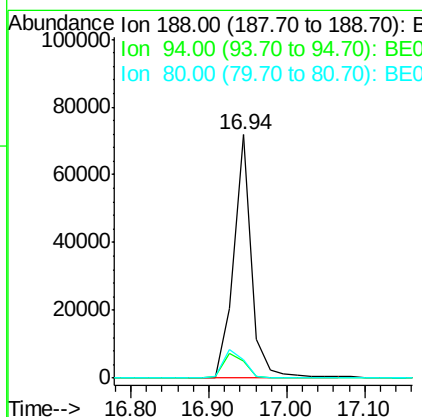
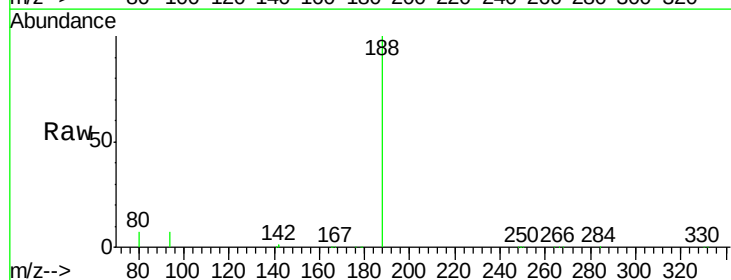
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE080515

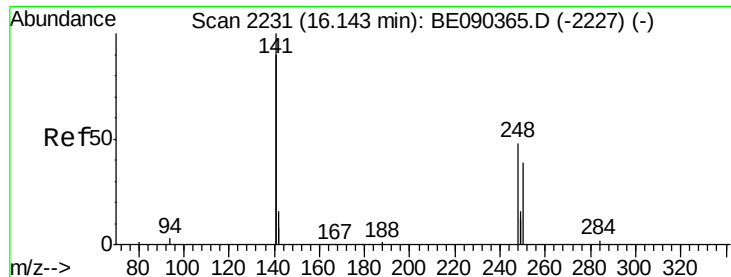
Tgt Ion:166 Resp: 16625
 Ion Ratio Lower Upper
 166 100
 165 96.9 81.5 122.3
 167 14.1 11.4 17.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BE090369.D
 Acq: 5 Aug 2015 21:07

Tgt Ion:188 Resp: 114267
 Ion Ratio Lower Upper
 188 100
 94 7.3 5.7 8.5
 80 7.5 5.8 8.8





#19

4-Bromophenyl-phenylether

Concen: 1.05 ng

RT: 16.14 min Scan# 2231

Delta R.T. 0.00 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

Instrument :

BNA_E

ClientSampleId :

ICVBE080515

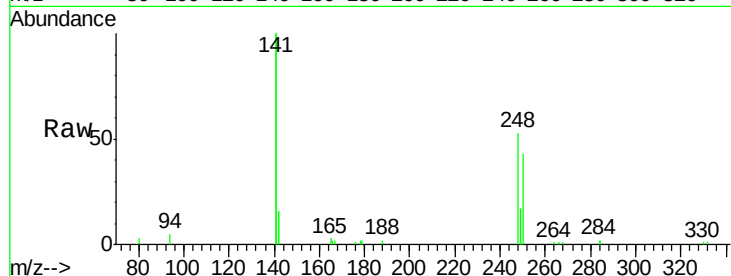
Tgt Ion:248 Resp: 4651

Ion Ratio Lower Upper

248 100

250 97.6 79.0 118.6

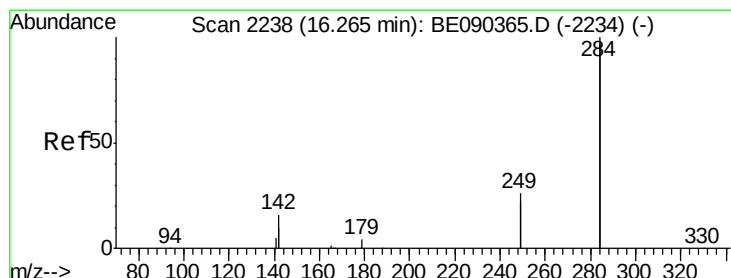
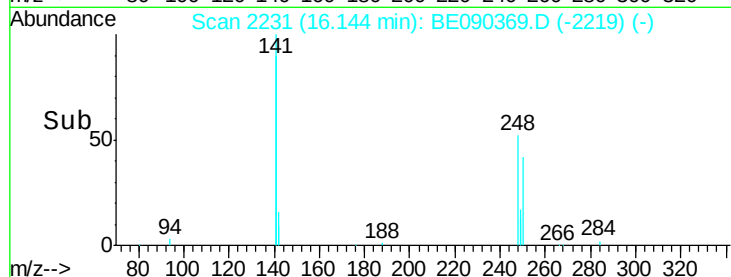
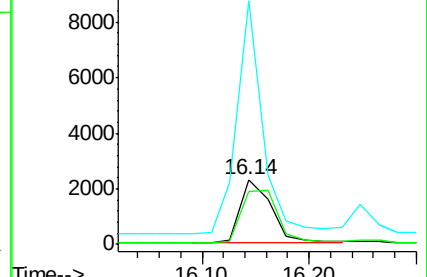
141 296.4 239.5 359.3



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: 1.04 ng

RT: 16.27 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

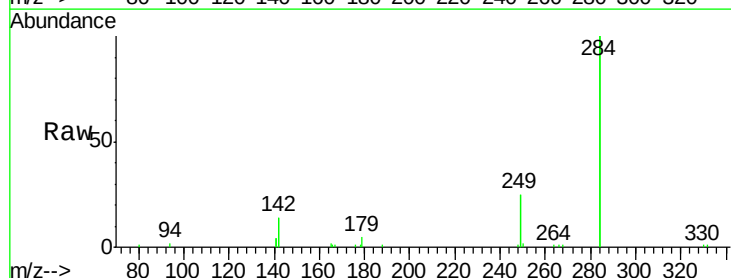
Tgt Ion:284 Resp: 23822

Ion Ratio Lower Upper

284 100

142 35.9 30.1 45.1

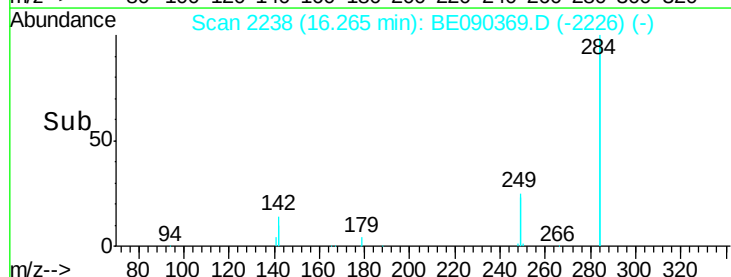
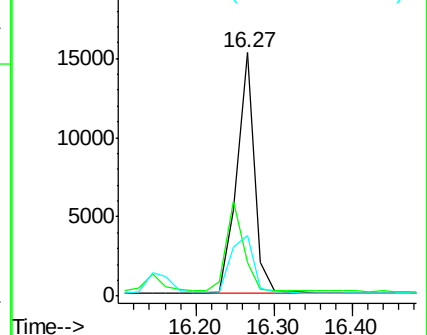
249 31.0 25.7 38.5

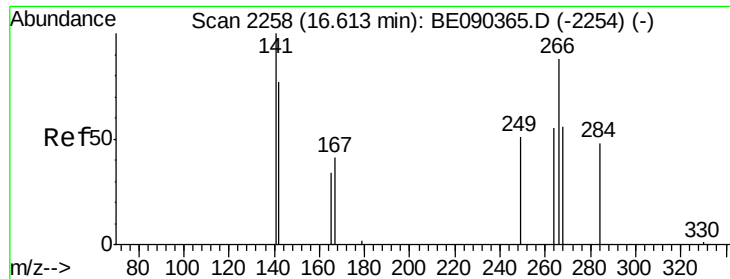


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

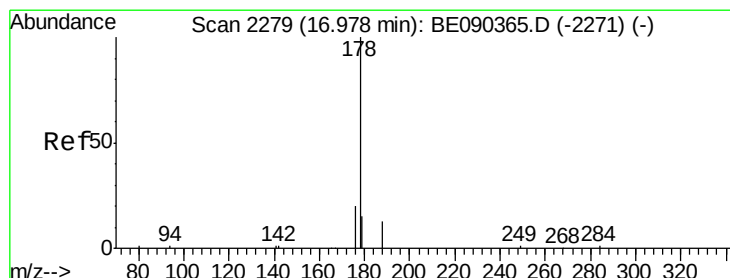
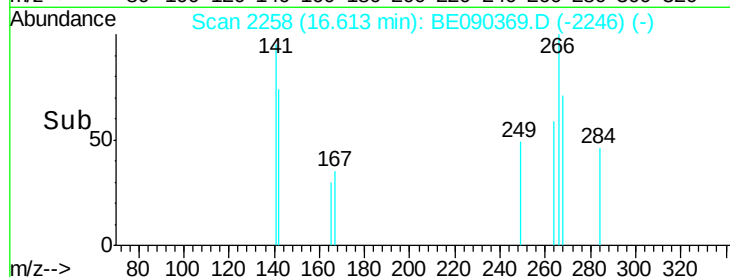
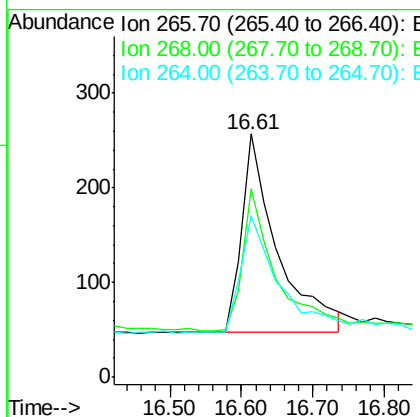
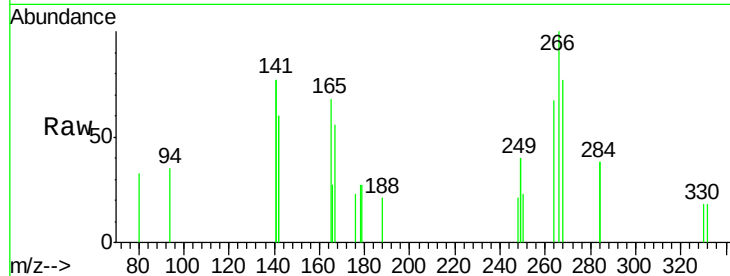




#21
 Pentachlorophenol
 Concen: 0.98 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BE090369.D
 Acq: 5 Aug 2015 21:07

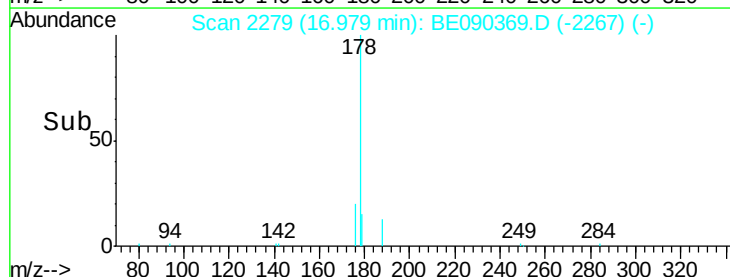
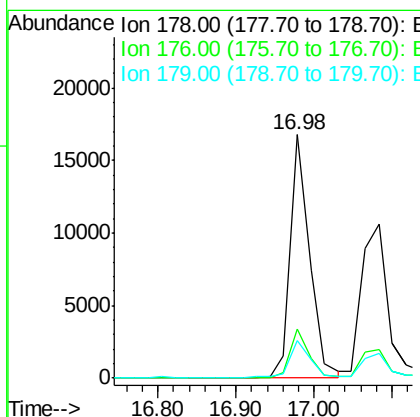
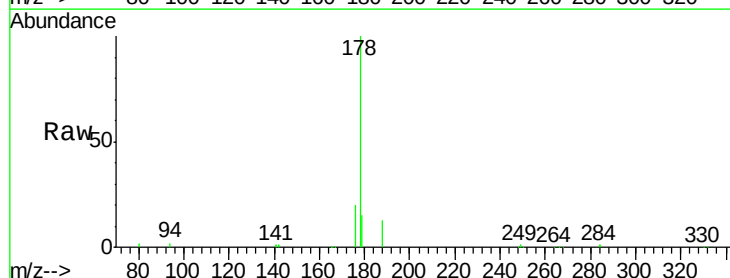
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE080515

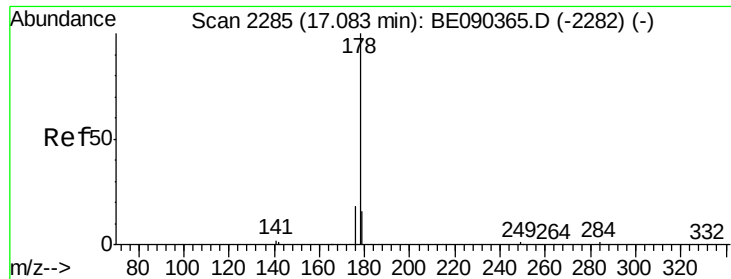
Tgt Ion:266 Resp: 727
 Ion Ratio Lower Upper
 266 100
 268 77.4 58.5 87.7
 264 66.5 56.0 84.0



#22
 Phenanthrene
 Concen: 0.99 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BE090369.D
 Acq: 5 Aug 2015 21:07

Tgt Ion:178 Resp: 28189
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.6 12.5 18.7





#23

Anthracene

Concen: 1.04 ng

RT: 17.08 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

Instrument :

BNA_E

ClientSampleId :

ICVBE080515

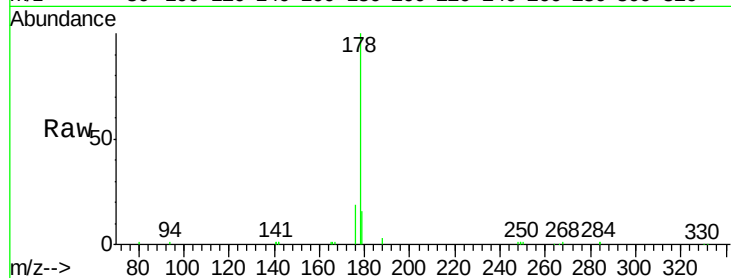
Tgt Ion:178 Resp: 24481

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

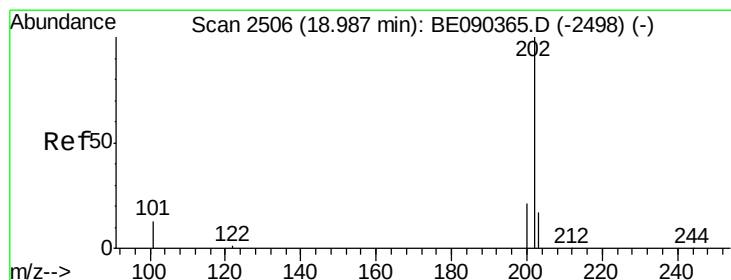
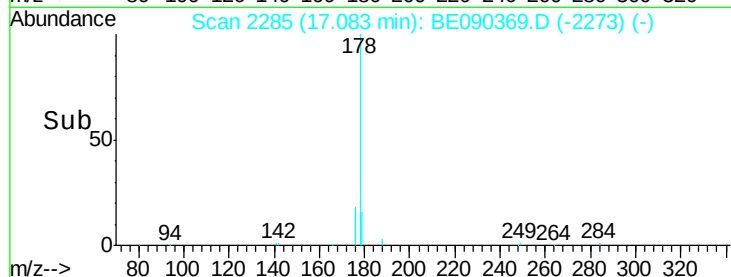
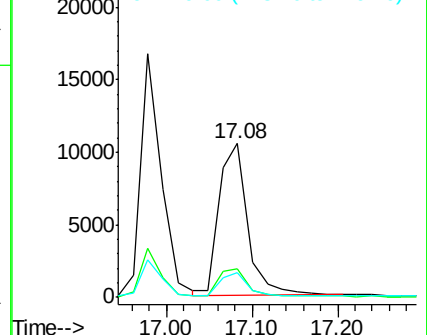
179 15.1 12.2 18.4



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: 1.04 ng

RT: 18.99 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

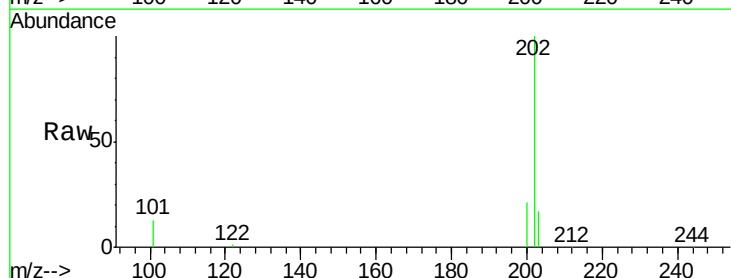
Tgt Ion:202 Resp: 29244

Ion Ratio Lower Upper

202 100

101 13.1 10.3 15.5

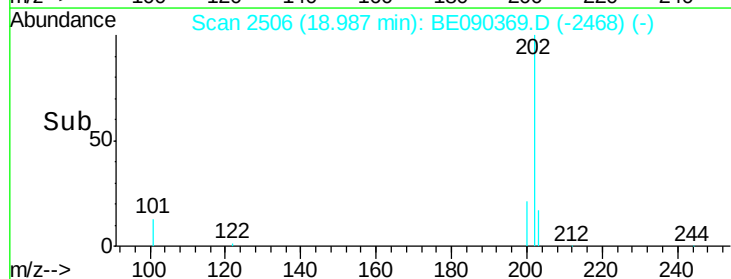
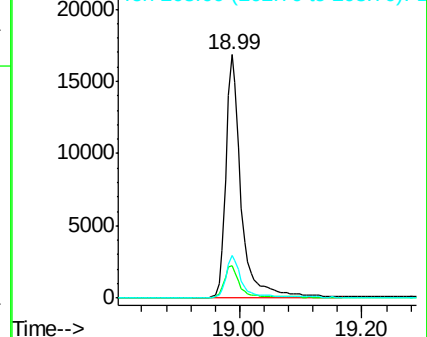
203 16.7 13.7 20.5

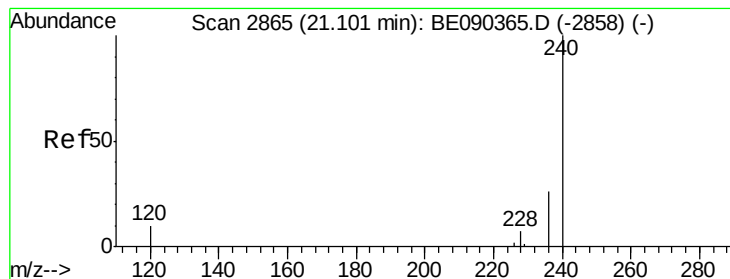


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.10 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

Instrument :

BNA_E

ClientSampleId :

ICVBE080515

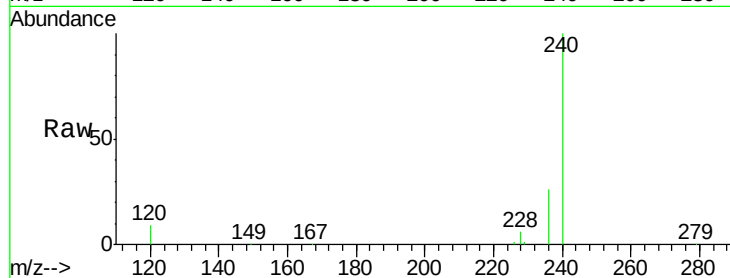
Tgt Ion:240 Resp: 136475

Ion Ratio Lower Upper

240 100

120 9.3 8.3 12.5

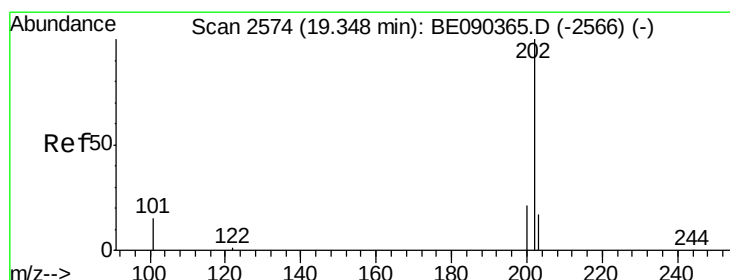
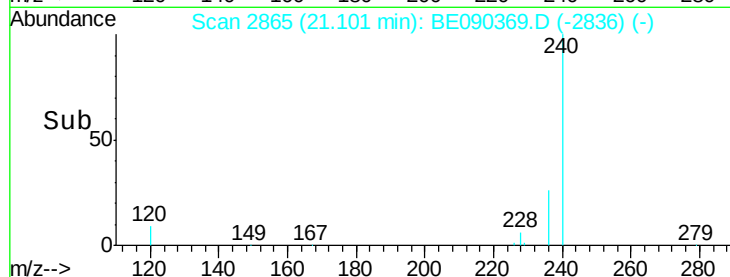
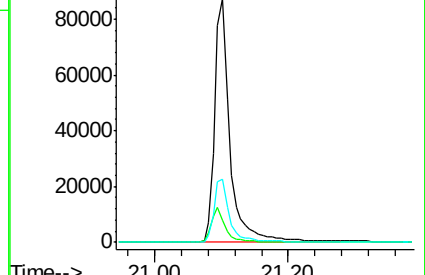
236 25.7 21.0 31.4



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: 1.00 ng

RT: 19.35 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

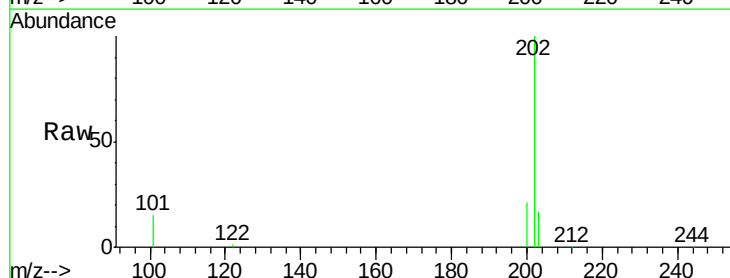
Tgt Ion:202 Resp: 29564

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

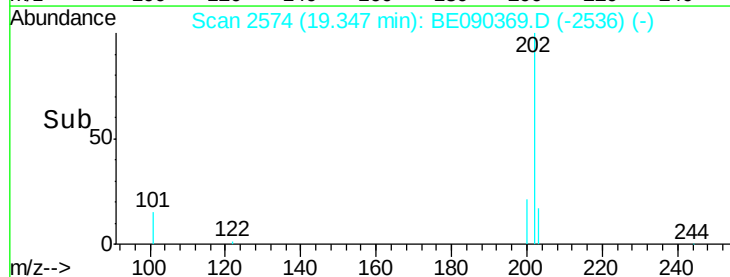
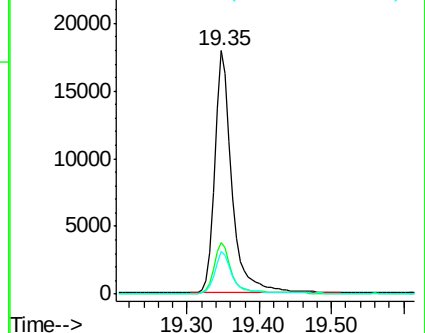
203 17.3 13.8 20.8

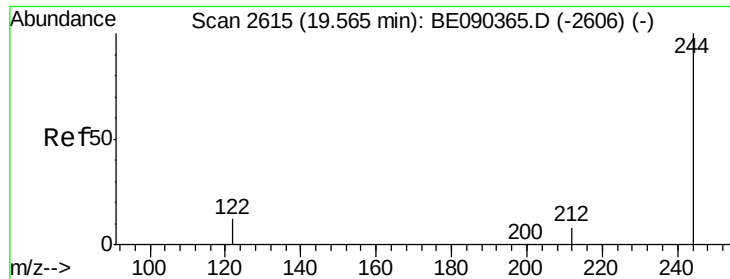


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

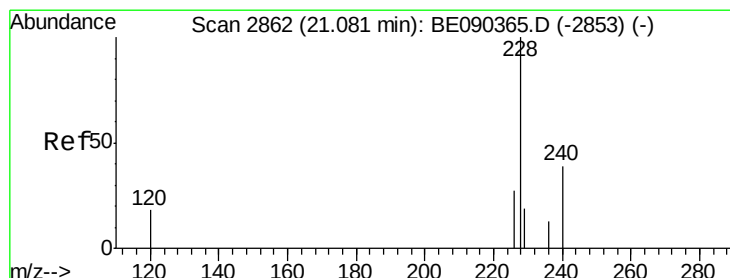
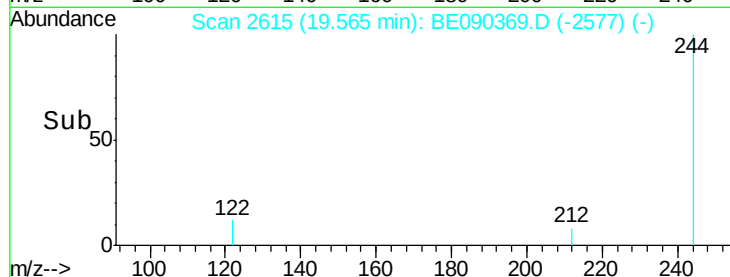
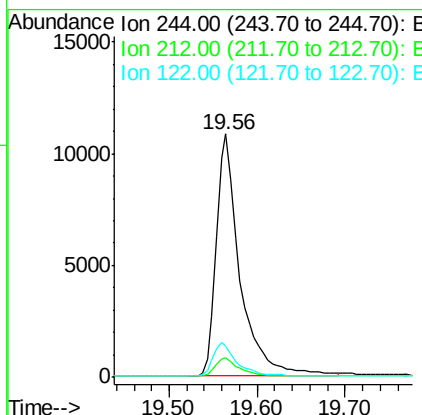
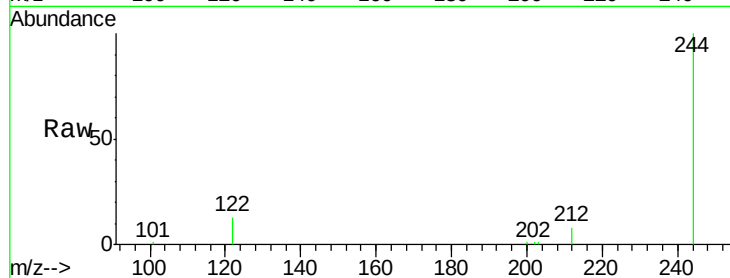




#27
 Terphenyl-d14
 Concen: 1.01 ng
 RT: 19.56 min Scan# 2615
 Delta R.T. -0.00 min
 Lab File: BE090369.D
 Acq: 5 Aug 2015 21:07

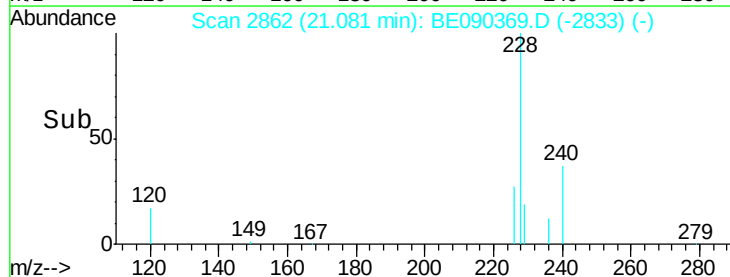
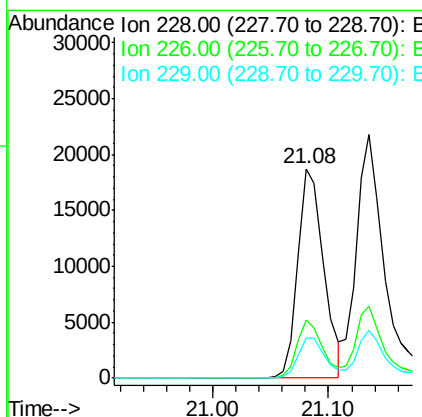
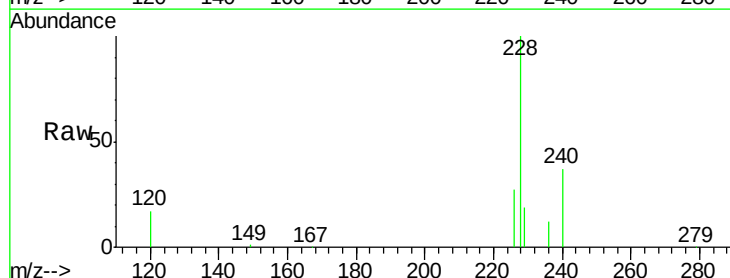
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE080515

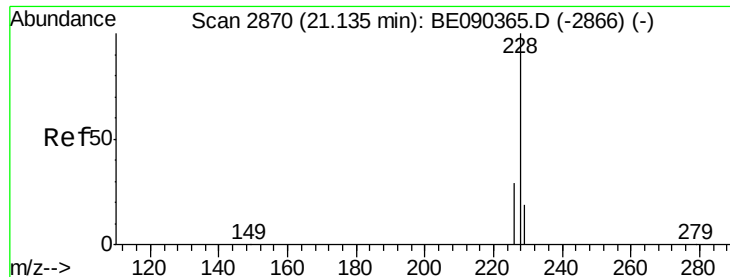
Tgt Ion: 244 Resp: 20287
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 13.0 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 0.95 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BE090369.D
 Acq: 5 Aug 2015 21:07

Tgt Ion: 228 Resp: 28673
 Ion Ratio Lower Upper
 228 100
 226 27.4 21.9 32.9
 229 19.3 15.4 23.0





#29

Chrysene

Concen: 1.03 ng

RT: 21.14 min Scan# 2870

Delta R.T. 0.00 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

Instrument :

BNA_E

ClientSampleId :

ICVBE080515

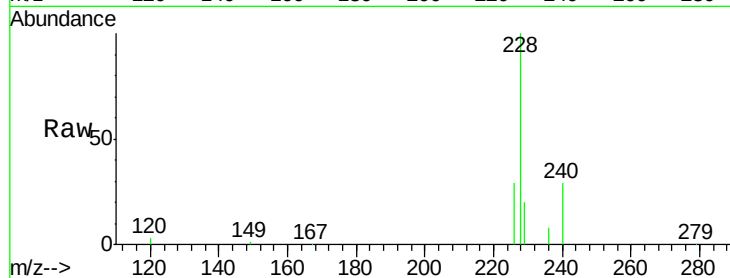
Tgt Ion:228 Resp: 37828

Ion Ratio Lower Upper

228 100

226 29.4 23.1 34.7

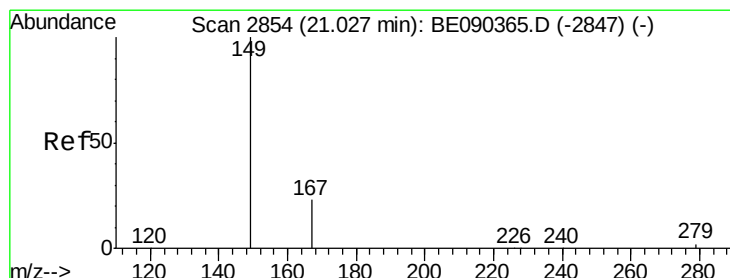
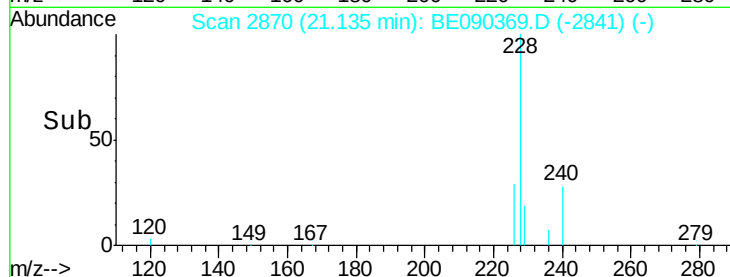
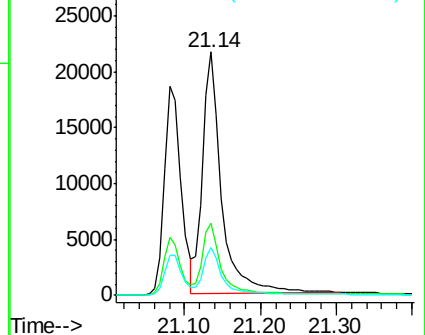
229 19.7 15.8 23.8



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: 0.90 ng

RT: 21.03 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

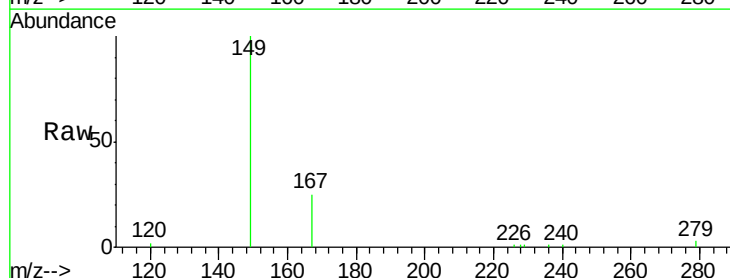
Tgt Ion:149 Resp: 6106

Ion Ratio Lower Upper

149 100

167 25.3 19.8 29.8

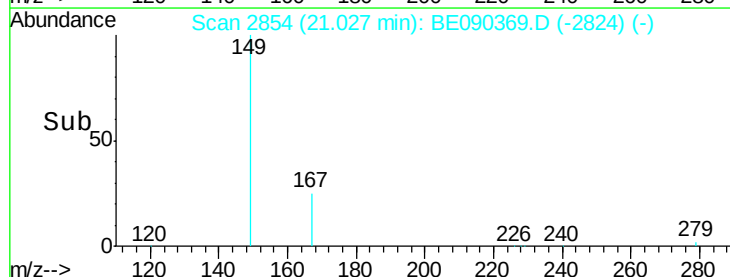
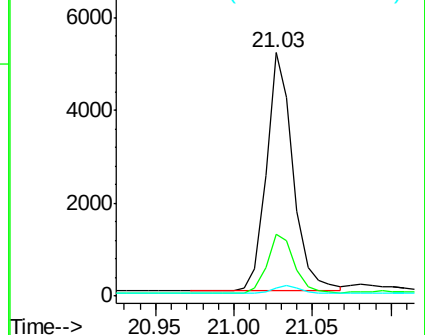
279 3.7 2.4 3.6#

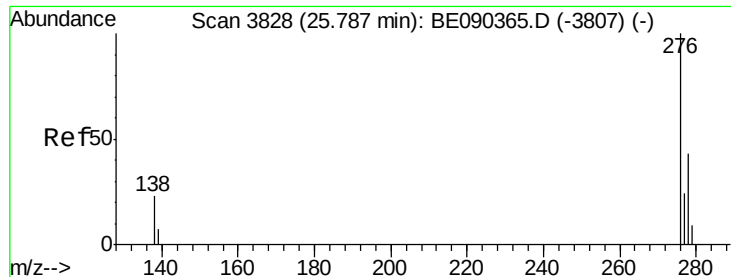


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.01 ng

RT: 25.79 min Scan# 3828

Delta R.T. 0.00 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

Instrument :

BNA_E

ClientSampleId :

ICVBE080515

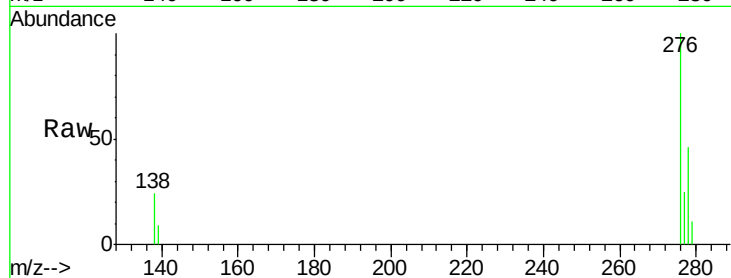
Tgt Ion:276 Resp: 26172

Ion Ratio Lower Upper

276 100

138 23.3 18.8 28.2

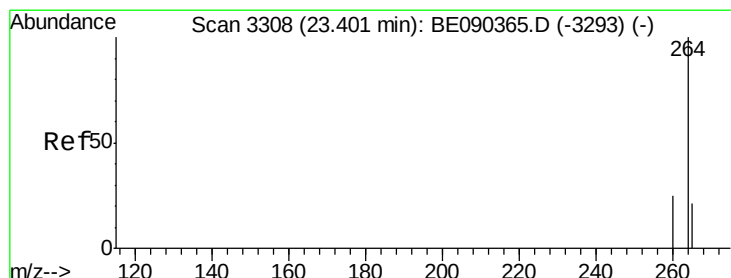
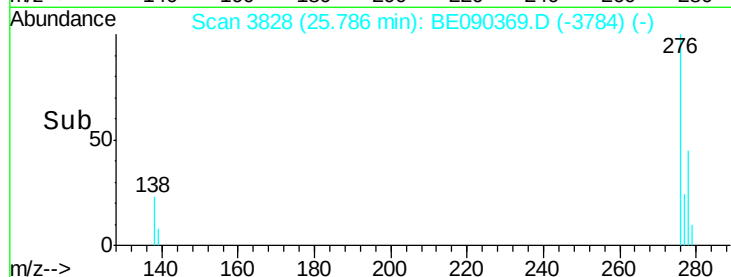
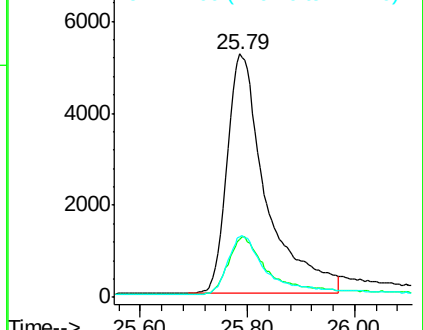
277 24.5 18.2 27.4



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# 3308

Delta R.T. 0.00 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

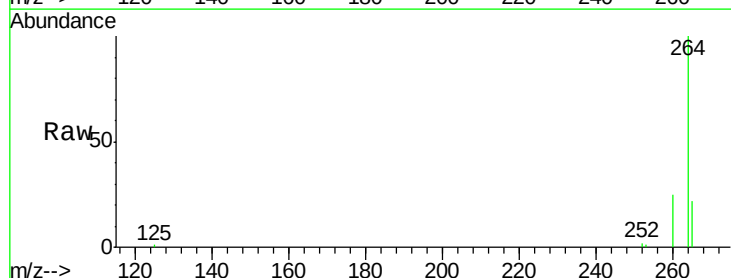
Tgt Ion:264 Resp: 119305

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

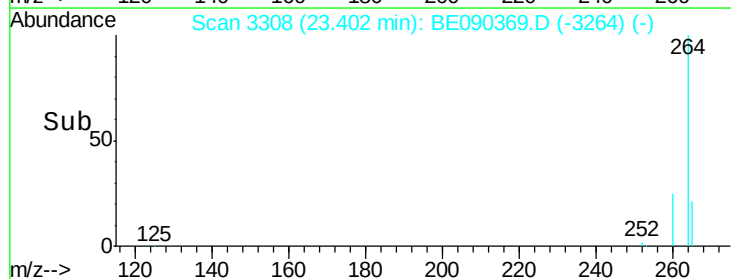
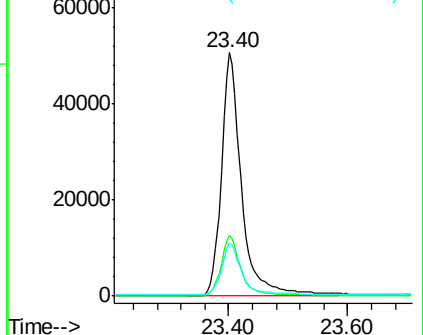
265 21.7 17.2 25.8

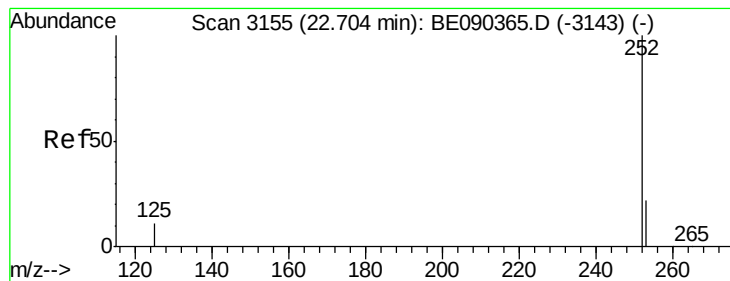


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 1.01 ng

RT: 22.70 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

Instrument :

BNA_E

ClientSampleId :

ICVBE080515

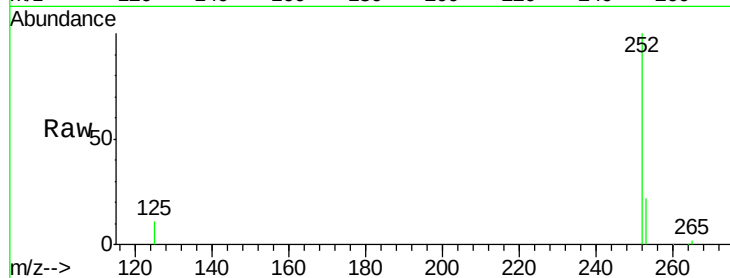
Tgt Ion:252 Resp: 23052

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

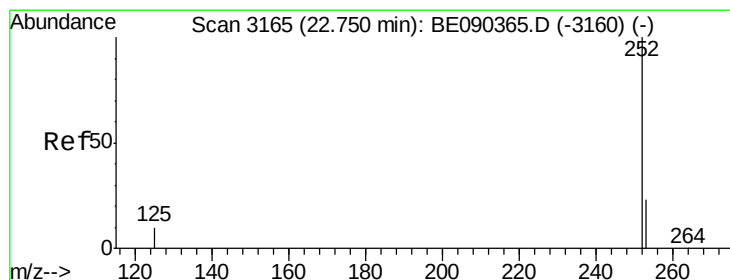
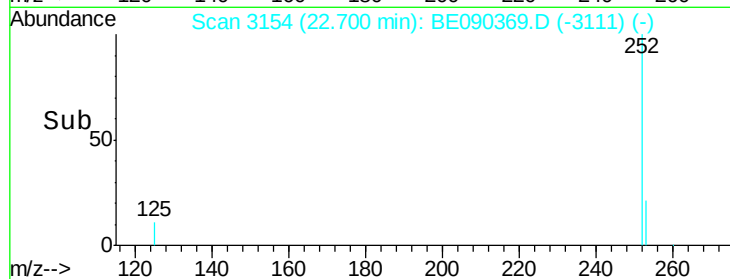
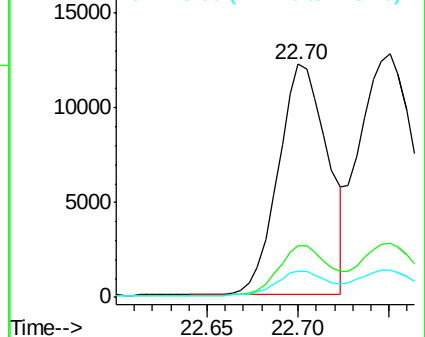
125 11.4 9.4 14.2



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



#34

Benzo(k)fluoranthene

Concen: 1.03 ng

RT: 22.75 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

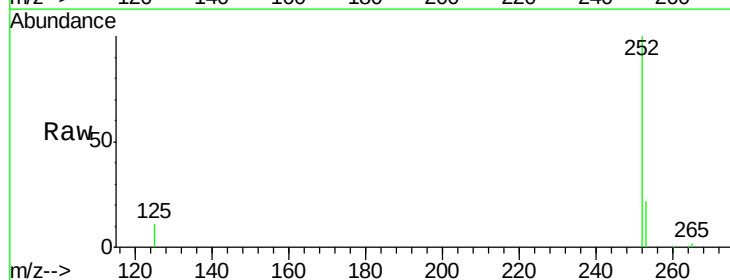
Tgt Ion:252 Resp: 33753

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

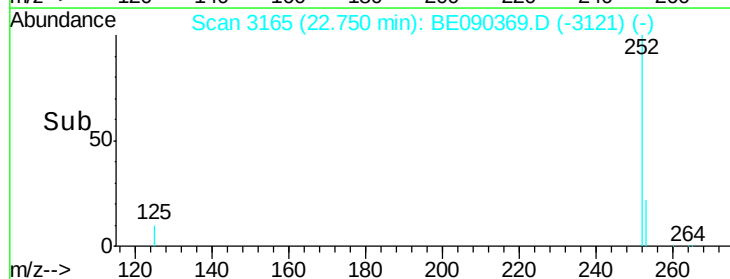
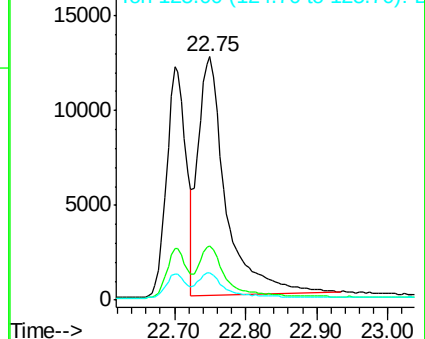
125 11.0 9.1 13.7

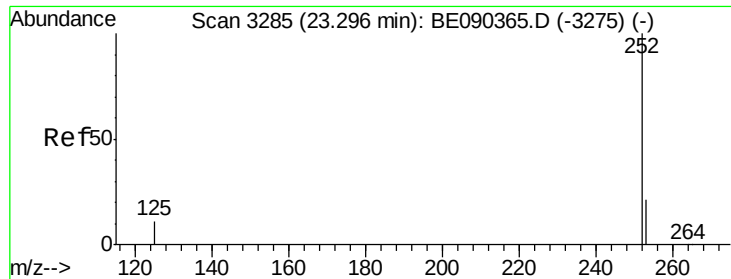


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 1.02 ng

RT: 23.30 min Scan# 3285

Delta R.T. 0.00 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

Instrument :

BNA_E

ClientSampleId :

ICVBE080515

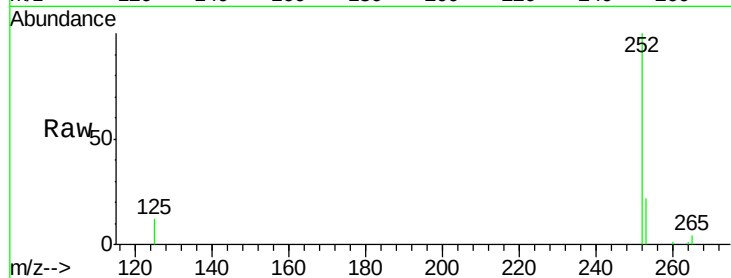
Tgt Ion:252 Resp: 21240

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

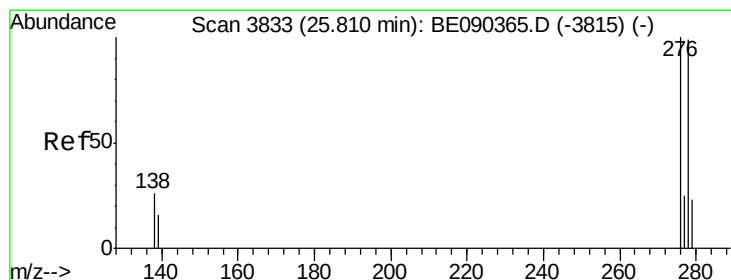
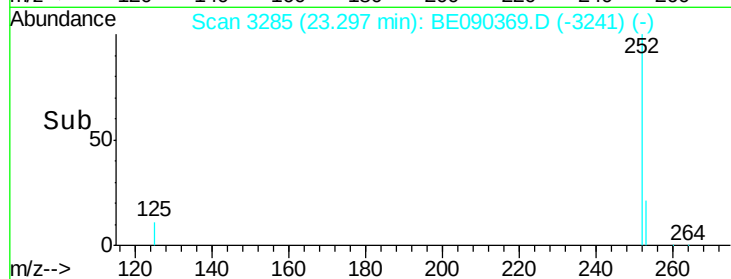
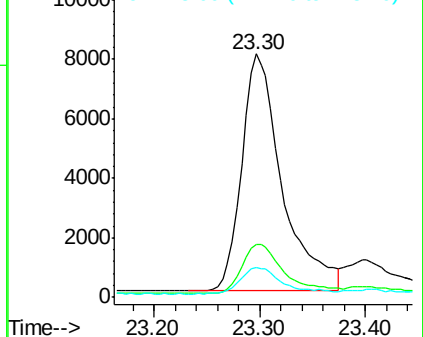
125 12.5 9.8 14.6



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: 1.02 ng

RT: 25.80 min Scan# 3832

Delta R.T. -0.00 min

Lab File: BE090369.D

Acq: 5 Aug 2015 21:07

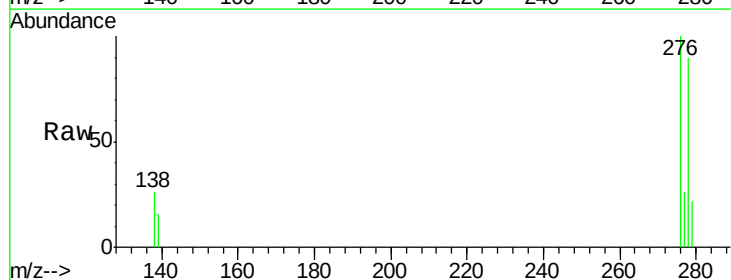
Tgt Ion:278 Resp: 19556

Ion Ratio Lower Upper

278 100

139 17.3 14.2 21.4

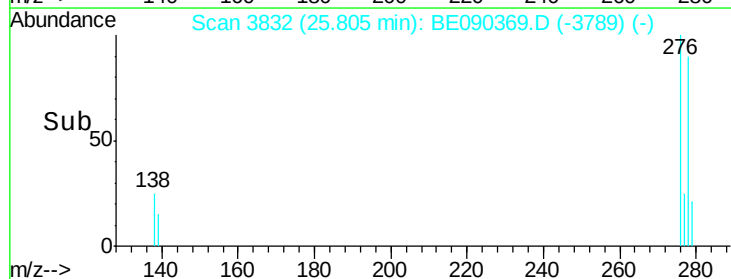
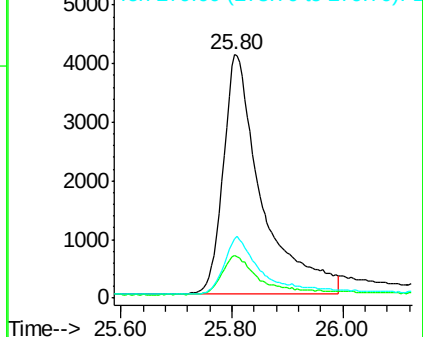
279 24.1 20.1 30.1

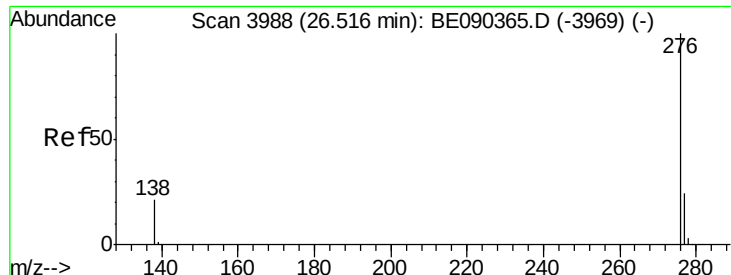


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.07 ng

RT: 26.52 min Scan# 3989

Delta R.T. 0.00 min

Lab File: BE090369.D

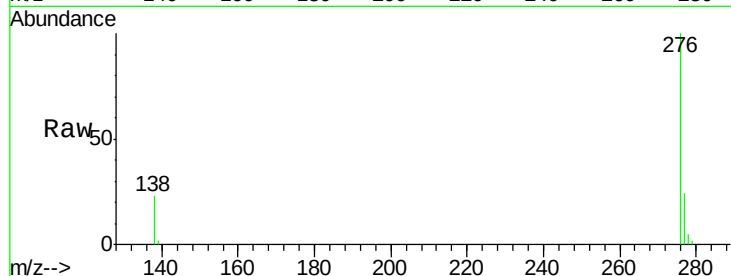
Acq: 5 Aug 2015 21:07

Instrument :

BNA_E

ClientSampleId :

ICVBE080515



Tgt Ion: 276 Resp: 23566

Ion Ratio Lower Upper

276 100

277 24.2 20.1 30.1

138 23.3 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

