

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082415\
 Data File : BE090606.D
 Acq On : 24 Aug 2015 18:11
 Operator : UM/IZ
 Sample : IDOC-W-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 IDOC-W-03

Quant Time: Aug 24 23:00:13 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

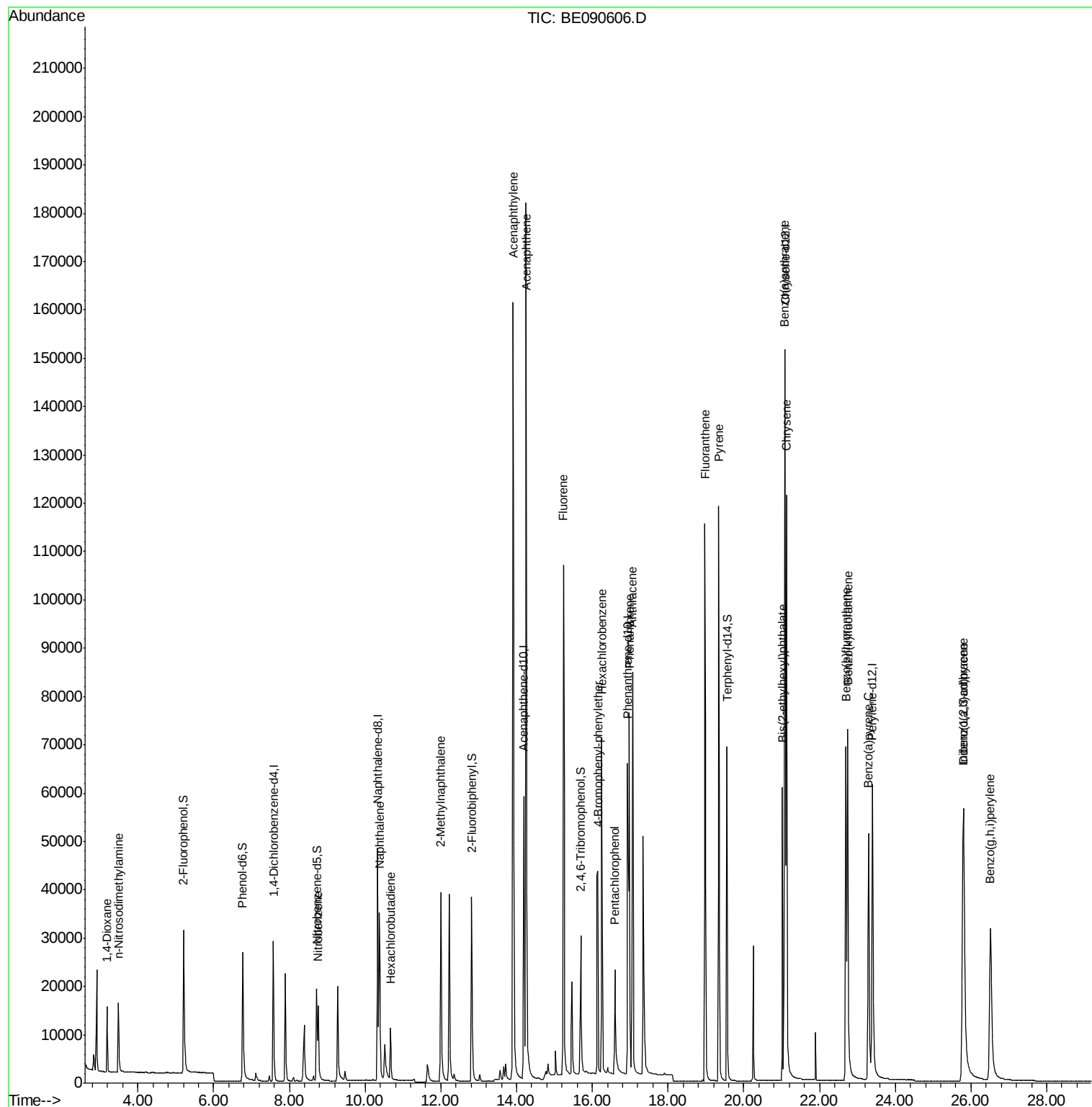
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	14608	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	68140	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	39663	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	98349	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	116599	5.00	ng	0.00
32) Perylene-d12	23.40	264	98252	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	27612	6.54	ng	0.00
5) Phenol-d6	6.77	99	39502	6.36	ng	0.00
7) Nitrobenzene-d5	8.72	82	21039	3.87	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	14089	9.23	ng	-0.02
14) 2-Fluorobiphenyl	12.81	172	45021	3.80	ng	0.00
27) Terphenyl-d14	19.55	244	80484	3.77	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	7218	4.36	ng	97
3) n-Nitrosodimethylamine	3.48	42	8846	3.51	ng	# 81
8) Nitrobenzene	8.76	77	19879	3.53	ng	96
9) Naphthalene	10.38	128	52165	3.37	ng	98
10) Hexachlorobutadiene	10.67	225	7920	3.48	ng	99
11) 2-Methylnaphthalene	12.00	142	36182	3.59	ng	98
15) Acenaphthylene	13.91	152	253618	3.50	ng	100
16) Acenaphthene	14.25	154	38125	3.50	ng	# 82
17) Fluorene	15.24	166	52100	3.90	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	14071	3.50	ng	# 75
20) Hexachlorobenzene	16.25	284	64789	3.64	ng	97
21) Pentachlorophenol	16.60	266	13480	6.24	ng	90
22) Phenanthrene	16.98	178	93111	3.61	ng	100
23) Anthracene	17.07	178	94718	3.98	ng	100
24) Fluoranthene	18.98	202	111612	4.06	ng	99
26) Pyrene	19.34	202	120130	3.60	ng	99
28) Benzo(a)anthracene	21.07	228	110202	3.59	ng	100
29) Chrysene	21.13	228	116108	3.70	ng	99
30) Bis(2-ethylhexyl)phthalate	21.02	149	52054	2.90	ng	98
31) Indeno(1,2,3-cd)pyrene	25.78	276	99948	3.38	ng	# 92
33) Benzo(b)fluoranthene	22.70	252	94509	4.06	ng	99
34) Benzo(k)fluoranthene	22.74	252	110240	4.18	ng	98
35) Benzo(a)pyrene	23.29	252	93870	4.31	ng	98
36) Dibenzo(a,h)anthracene	25.80	278	79213	3.77	ng	97
37) Benzo(g,h,i)perylene	26.51	276	88735	3.86	ng	96

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

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BNA_E
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Quant Time: Aug 24 23:00:13 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

Instrument :

BNA_E

ClientSampleId :

IDOC-W-03

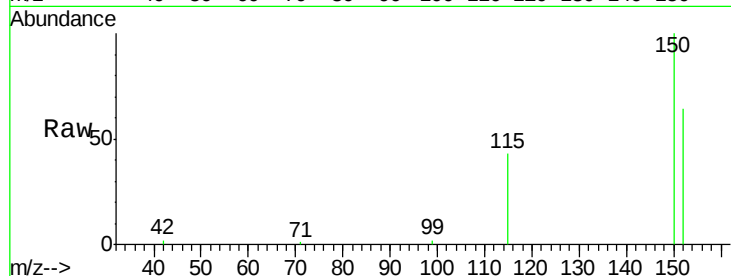
Tgt Ion:152 Resp: 14608

Ion Ratio Lower Upper

152 100

150 157.1 123.0 184.4

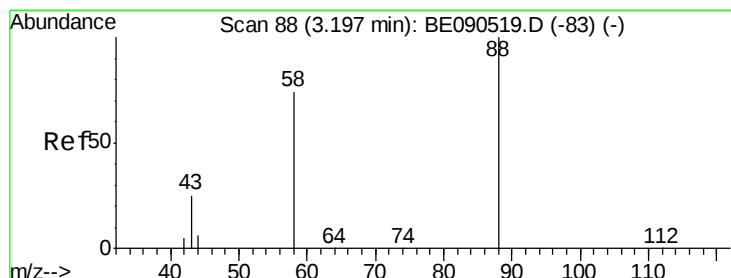
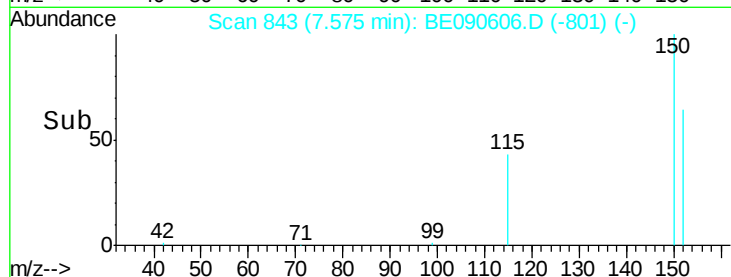
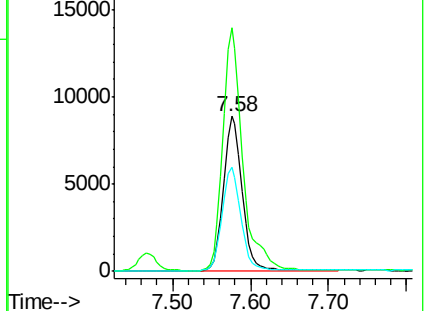
115 67.2 48.9 73.3



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: 4.36 ng

RT: 3.19 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

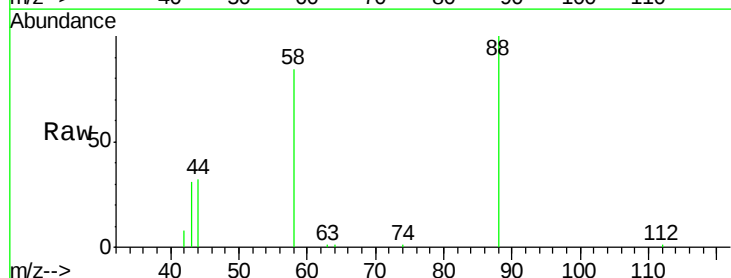
Tgt Ion: 88 Resp: 7218

Ion Ratio Lower Upper

88 100

58 85.3 70.0 105.0

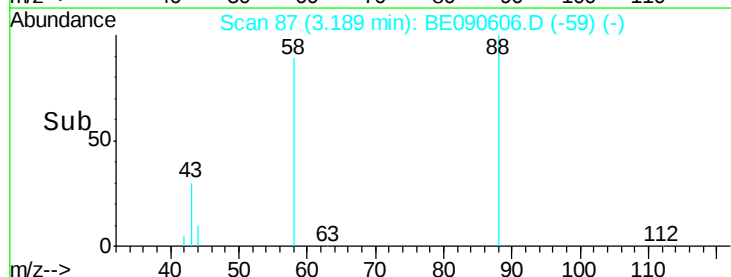
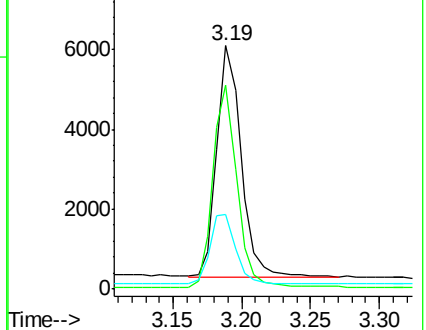
43 31.8 28.4 42.6



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: 3.51 ng

RT: 3.48 min Scan# 130

Delta R.T. -0.01 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

Instrument :

BNA_E

ClientSampleId :

IDOC-W-03

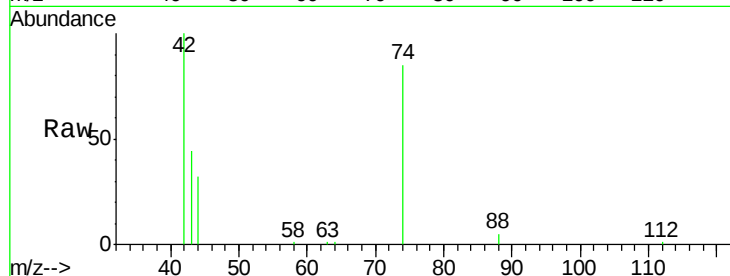
Tgt Ion: 42 Resp: 8846

Ion Ratio Lower Upper

42 100

74 114.0 75.2 112.8#

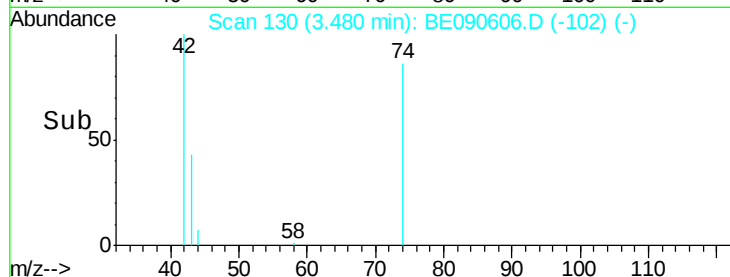
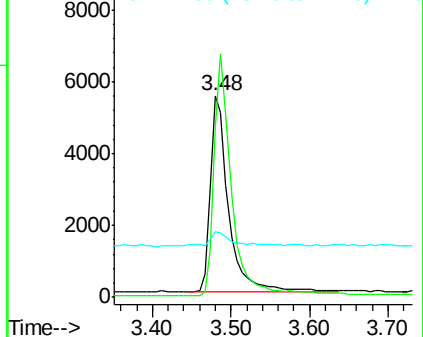
44 8.4 8.7 13.1#



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: 6.54 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

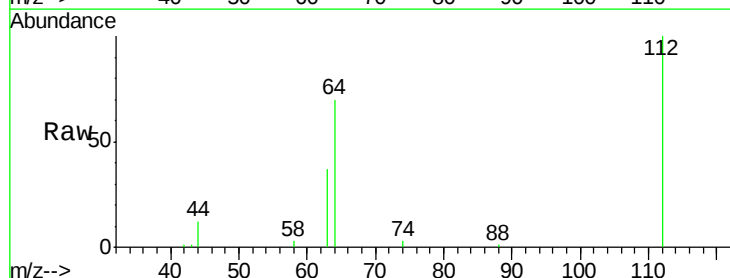
Tgt Ion: 112 Resp: 27612

Ion Ratio Lower Upper

112 100

64 69.5 37.1 55.7#

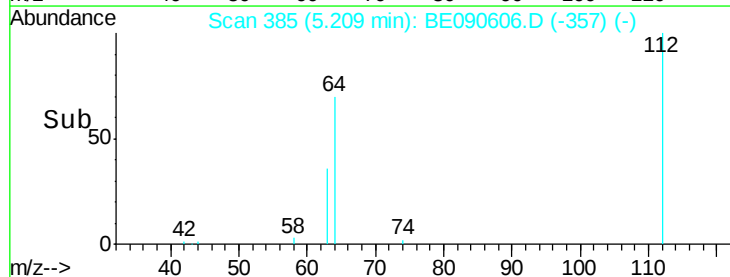
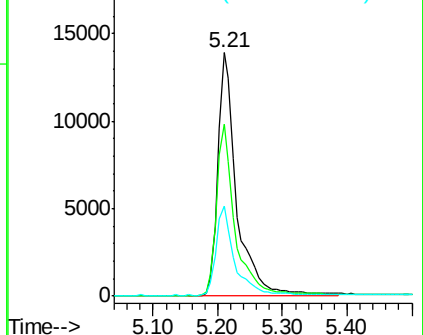
63 36.1 19.5 29.3#

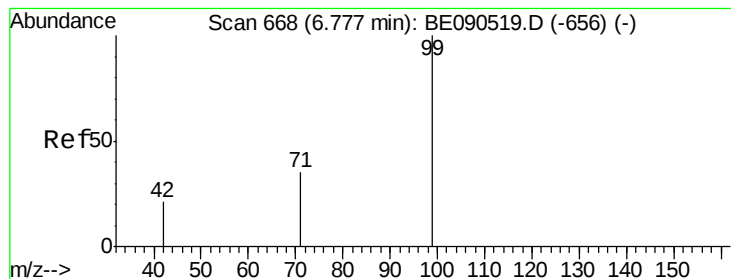


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.36 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

Instrument :

BNA_E

ClientSampleId :

IDOC-W-03

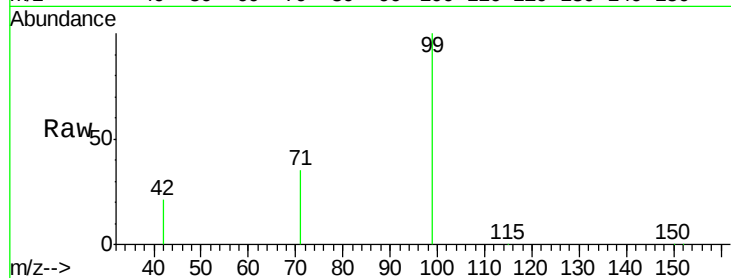
Tgt Ion: 99 Resp: 39502

Ion Ratio Lower Upper

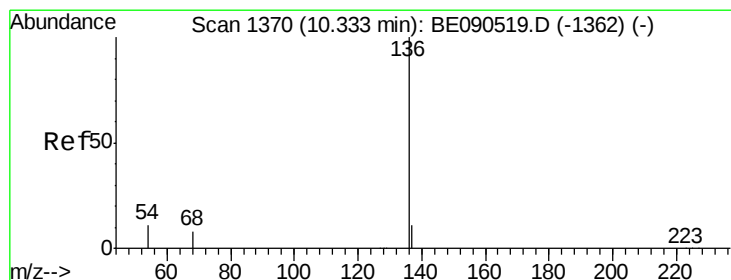
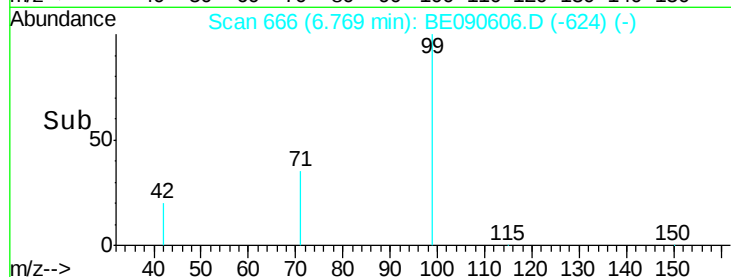
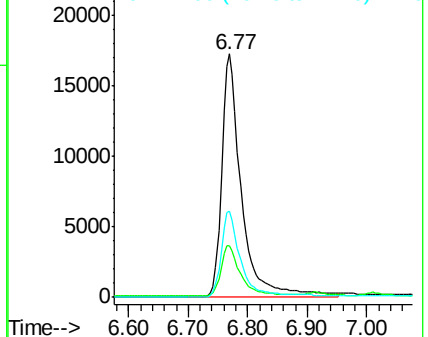
99 100

42 20.8 18.2 27.4

71 34.7 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: 10.33 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

Tgt Ion: 136 Resp: 68140

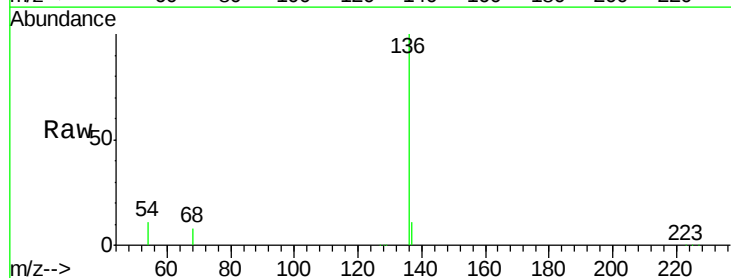
Ion Ratio Lower Upper

136 100

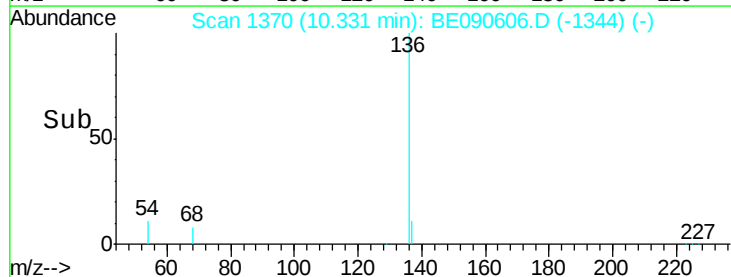
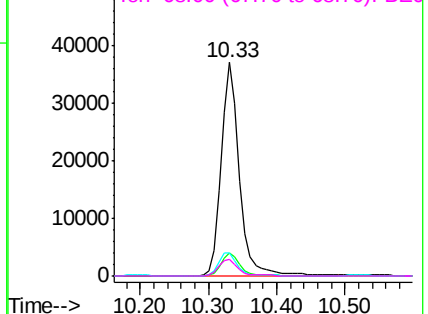
137 11.1 8.7 13.1

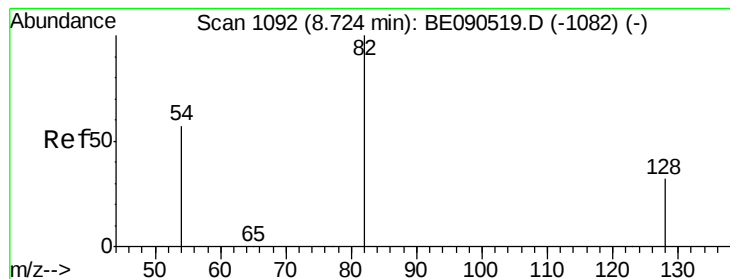
54 11.0 9.4 14.0

68 7.9 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: 3.87 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

Instrument :

BNA_E

ClientSampleId :

IDOC-W-03

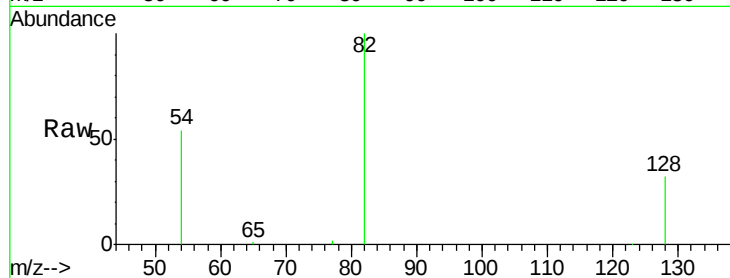
Tgt Ion: 82 Resp: 21039

Ion Ratio Lower Upper

82 100

128 32.4 25.0 37.6

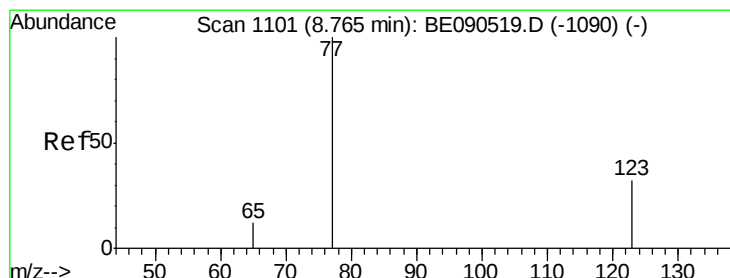
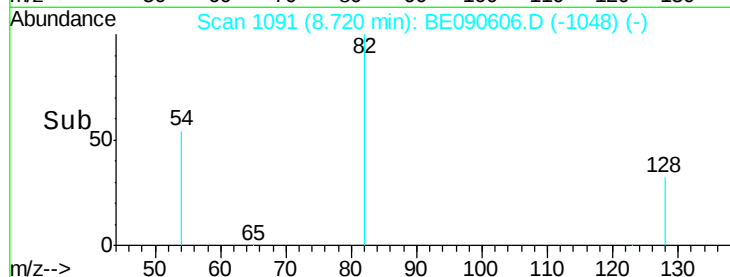
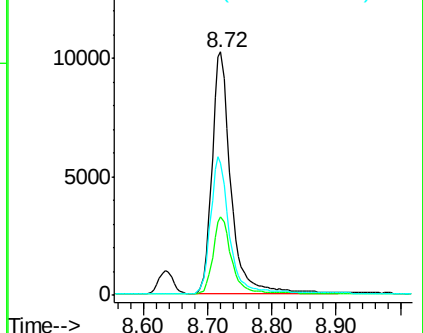
54 54.1 48.8 73.2



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: 3.53 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

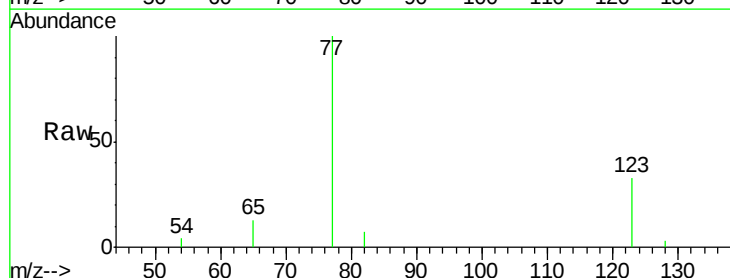
Tgt Ion: 77 Resp: 19879

Ion Ratio Lower Upper

77 100

123 33.7 25.1 37.7

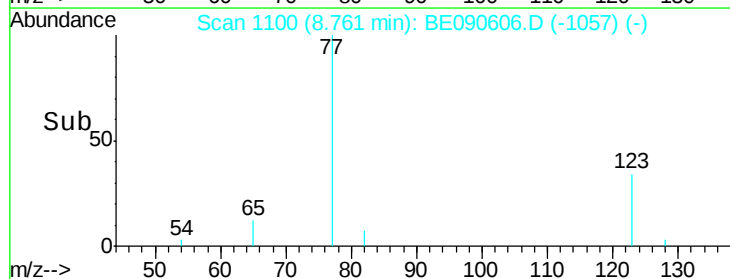
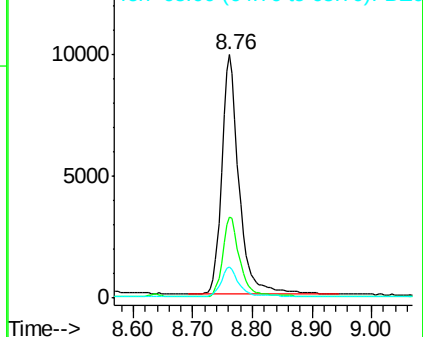
65 12.6 9.3 13.9



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: 3.37 ng

RT: 10.38 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

Instrument :

BNA_E

ClientSampleId :

IDOC-W-03

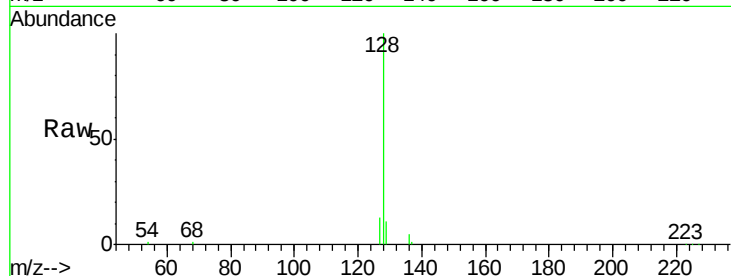
Tgt Ion:128 Resp: 52165

Ion Ratio Lower Upper

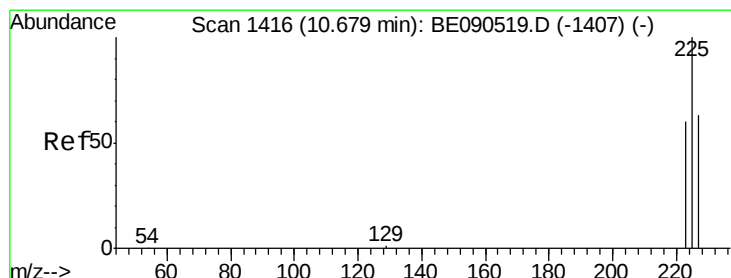
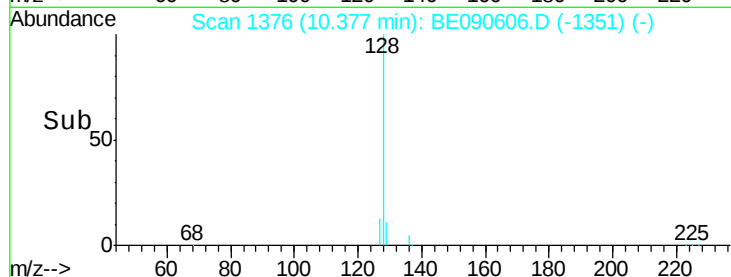
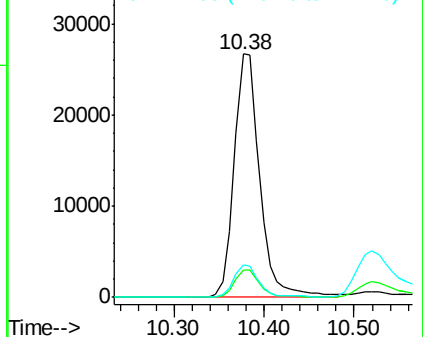
128 100

129 11.1 9.8 14.6

127 13.4 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: 3.48 ng

RT: 10.67 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

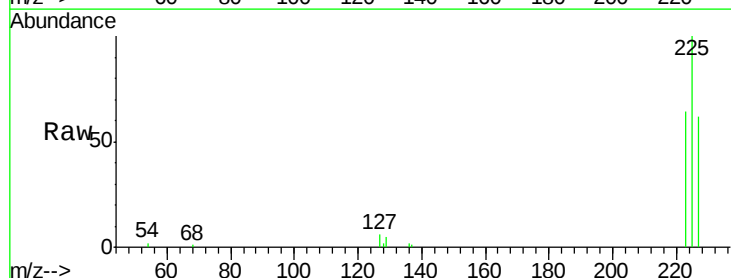
Tgt Ion:225 Resp: 7920

Ion Ratio Lower Upper

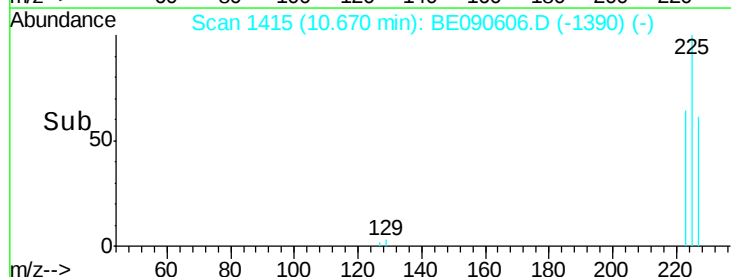
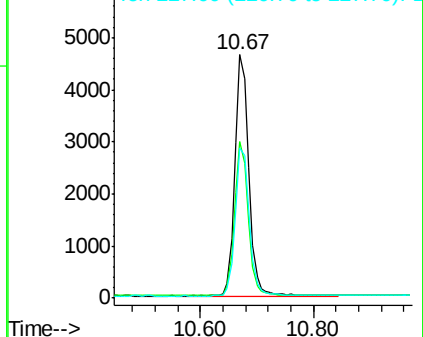
225 100

223 62.9 50.6 75.8

227 62.6 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: 3.59 ng

RT: 12.00 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

Instrument :

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ClientSampleId :

IDOC-W-03

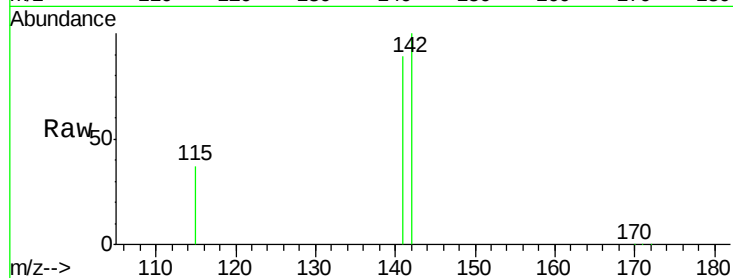
Tgt Ion:142 Resp: 36182

Ion Ratio Lower Upper

142 100

141 89.0 72.6 109.0

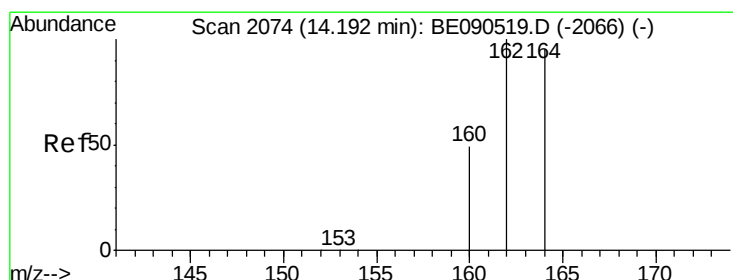
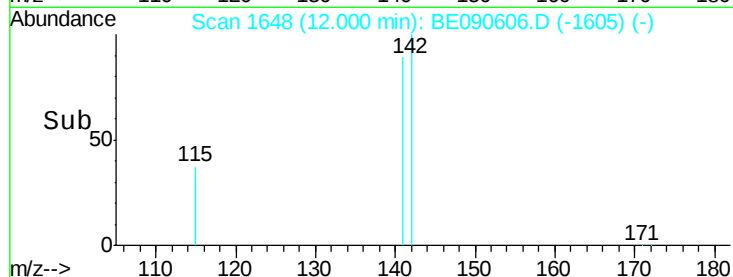
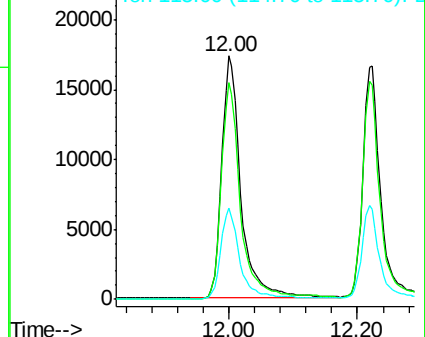
115 37.3 31.6 47.4



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: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

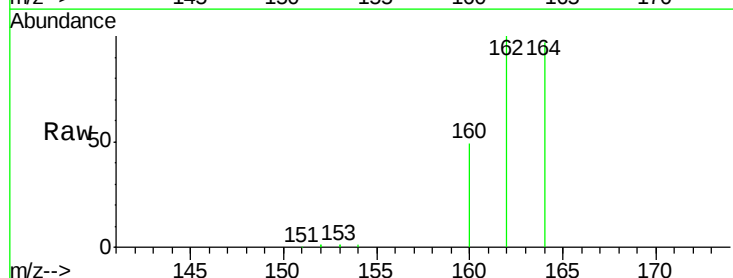
Tgt Ion:164 Resp: 39663

Ion Ratio Lower Upper

164 100

162 103.4 81.8 122.8

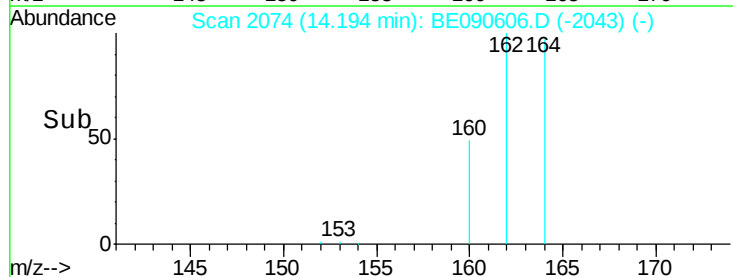
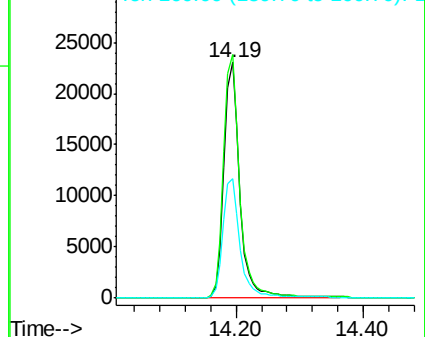
160 51.0 44.2 66.4



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

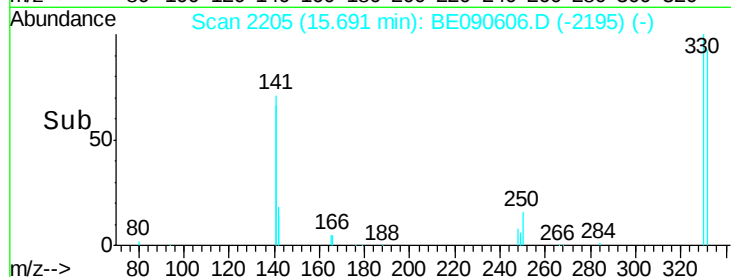
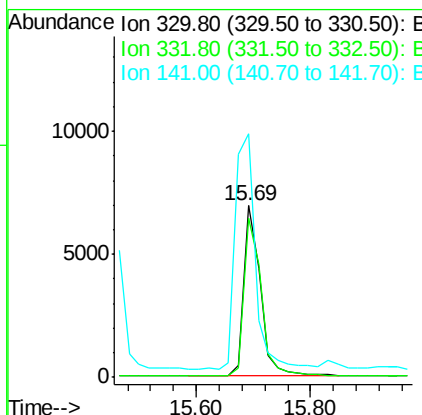
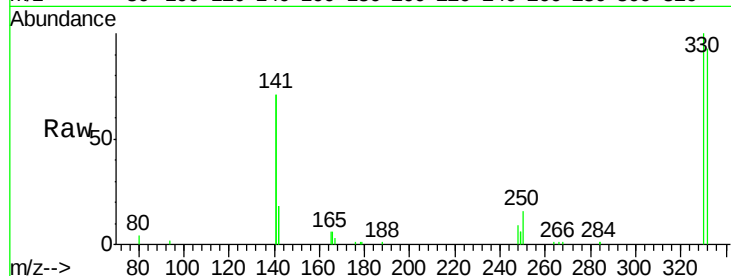




#13
 2,4,6-Tribromophenol
 Concen: 9.23 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090606.D
 Acq: 24 Aug 2015 18:11

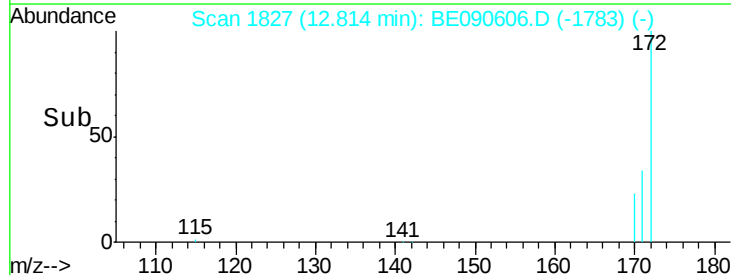
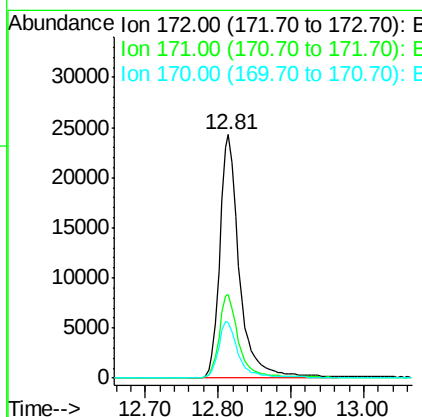
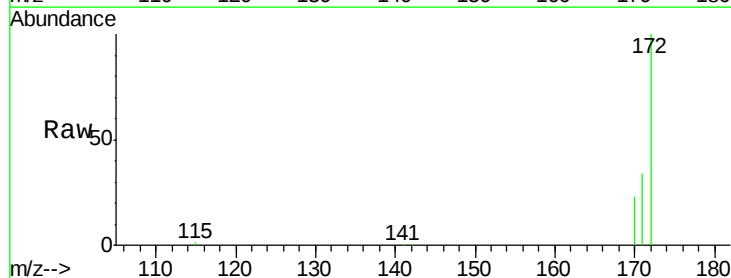
Instrument :
 BNA_E
 ClientSampleId :
 IDOC-W-03

Tgt Ion:330 Resp: 14089
 Ion Ratio Lower Upper
 330 100
 332 97.4 75.8 113.6
 141 165.3 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 3.80 ng
 RT: 12.81 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BE090606.D
 Acq: 24 Aug 2015 18:11

Tgt Ion:172 Resp: 45021
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.5 42.7
 170 22.9 19.8 29.8





#15

Acenaphthylene

Concen: 3.50 ng

RT: 13.91 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

Instrument :

BNA_E

ClientSampleId :

IDOC-W-03

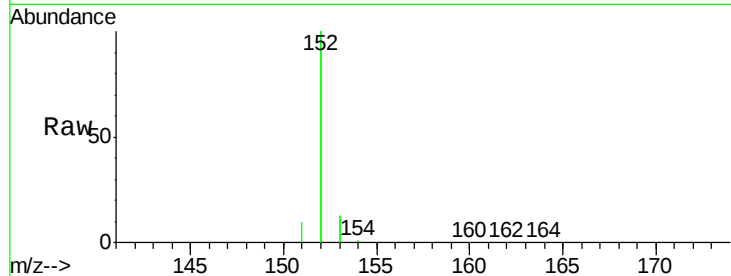
Tgt Ion:152 Resp: 253618

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

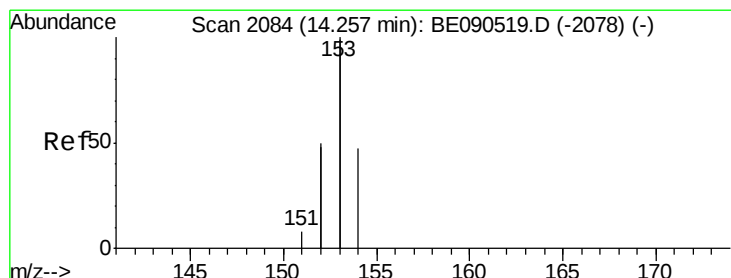
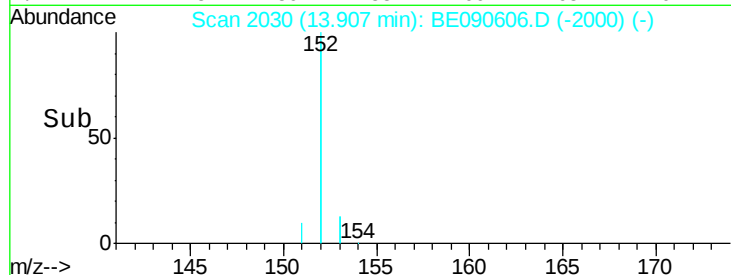
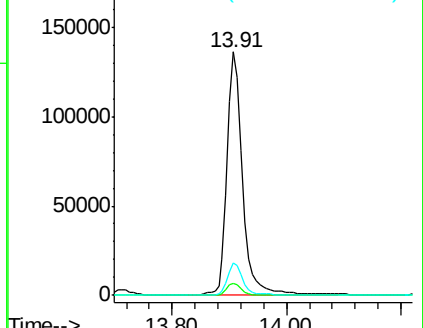
153 13.0 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 3.50 ng

RT: 14.25 min Scan# 2083

Delta R.T. -0.00 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

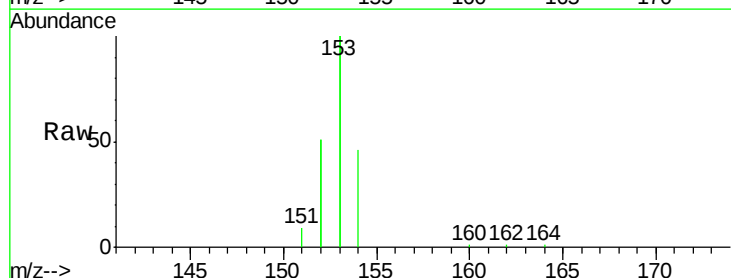
Tgt Ion:154 Resp: 38125

Ion Ratio Lower Upper

154 100

153 444.3 376.2 564.2

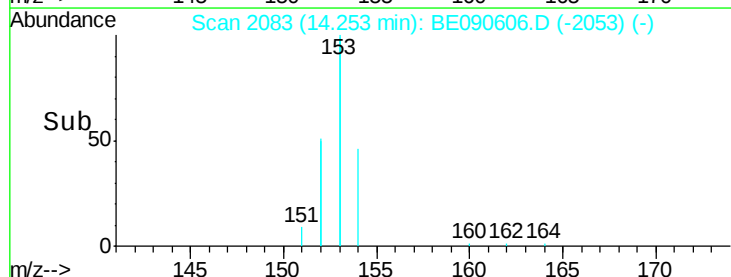
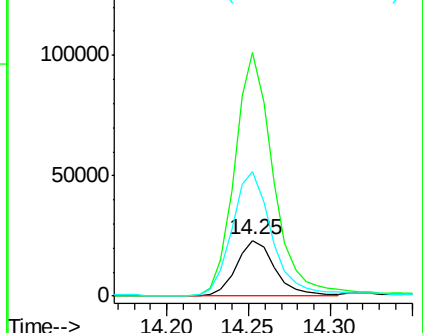
152 232.9 235.0 352.4#



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

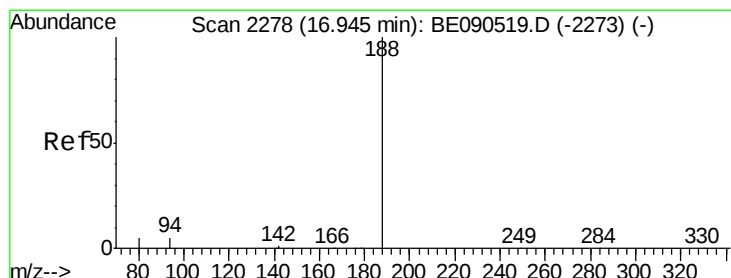
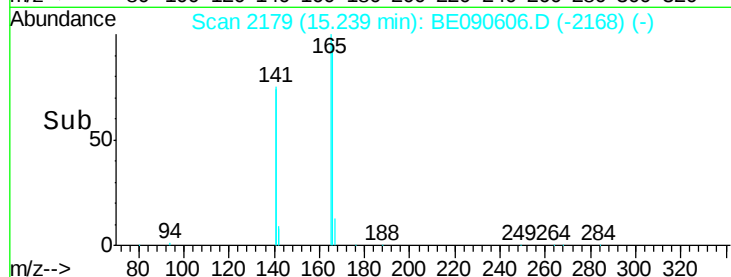
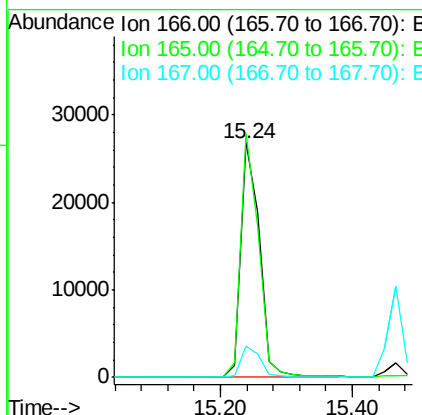
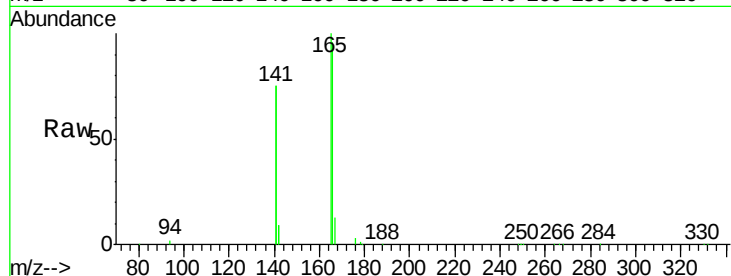




#17
Fluorene
 Concen: 3.90 ng
 RT: 15.24 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BE090606.D
 Acq: 24 Aug 2015 18:11

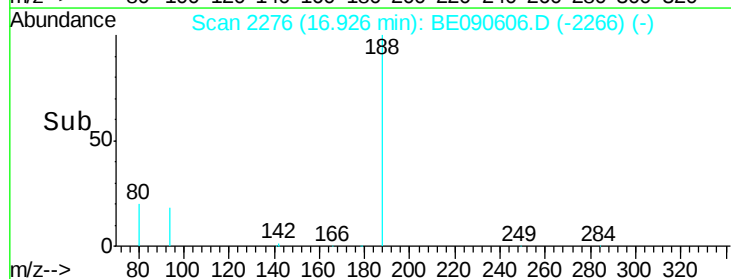
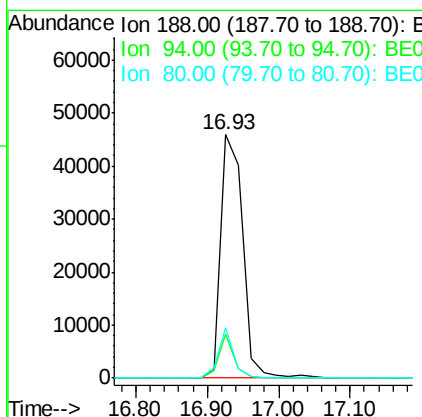
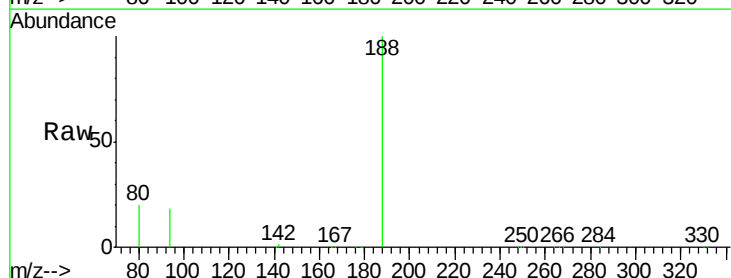
Instrument :
 BNA_E
 ClientSampleId :
 IDOC-W-03

Tgt Ion:166 Resp: 52100
 Ion Ratio Lower Upper
 166 100
 165 99.5 81.5 122.3
 167 13.6 11.4 17.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.93 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BE090606.D
 Acq: 24 Aug 2015 18:11

Tgt Ion:188 Resp: 98349
 Ion Ratio Lower Upper
 188 100
 94 18.1 5.7 8.5#
 80 20.4 5.8 8.8#





#19

4-Bromophenyl-phenylether

Concen: 3.50 ng

RT: 16.14 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

Instrument :

BNA_E

ClientSampleId :

IDOC-W-03

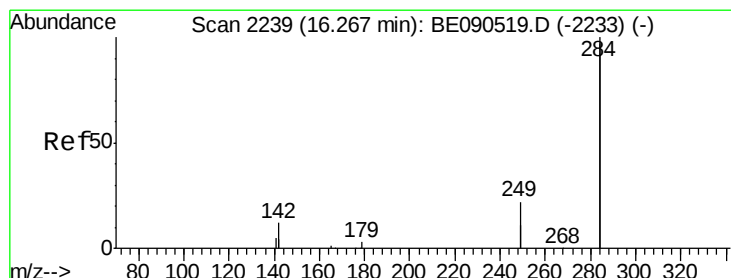
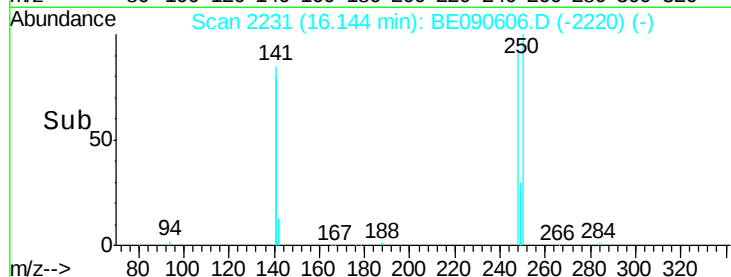
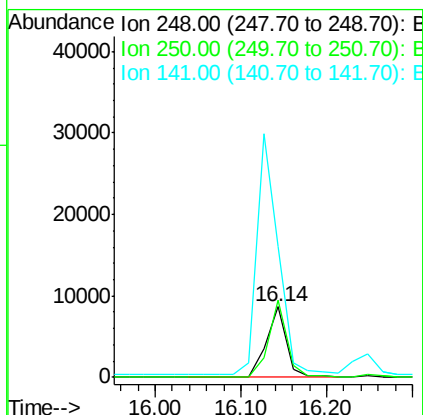
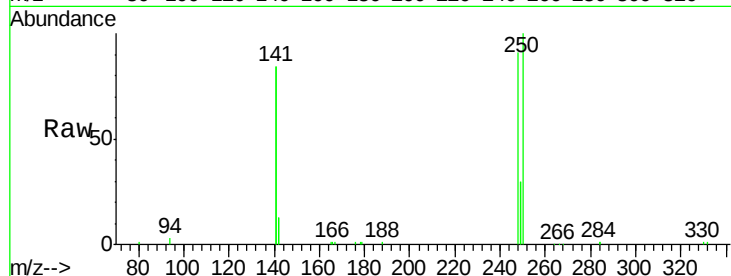
Tgt Ion:248 Resp: 14071

Ion Ratio Lower Upper

248 100

250 100.5 79.0 118.6

141 362.2 239.5 359.3#



#20

Hexachlorobenzene

Concen: 3.64 ng

RT: 16.25 min Scan# 2237

Delta R.T. -0.02 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

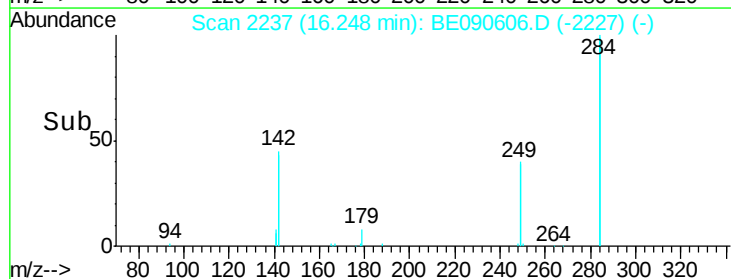
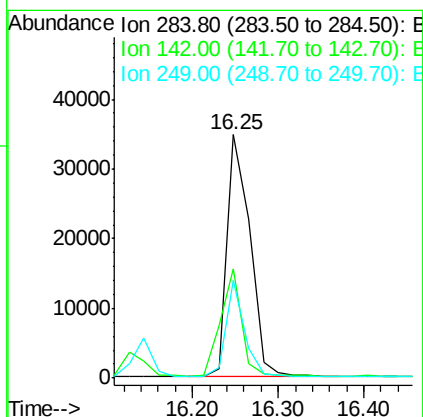
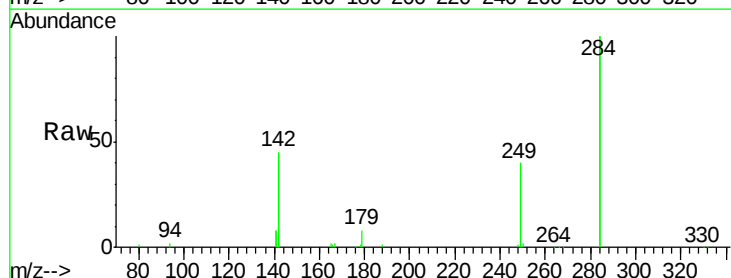
Tgt Ion:284 Resp: 64789

Ion Ratio Lower Upper

284 100

142 41.0 30.1 45.1

249 32.2 25.7 38.5





#21

Pentachlorophenol

Concen: 6.24 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

Instrument :

BNA_E

ClientSampleId :

IDOC-W-03

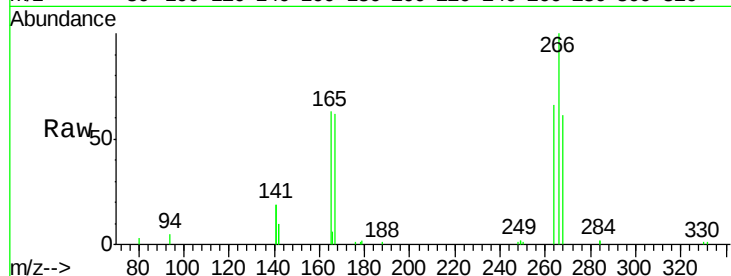
Tgt Ion:266 Resp: 13480

Ion Ratio Lower Upper

266 100

268 61.2 58.5 87.7

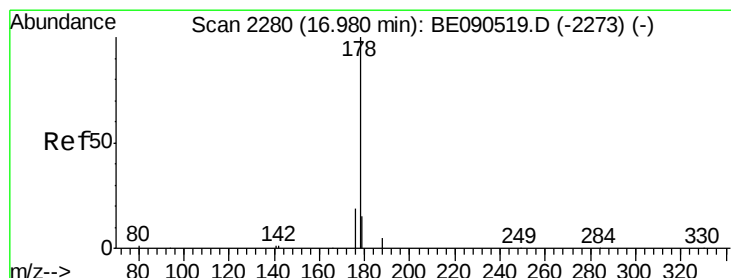
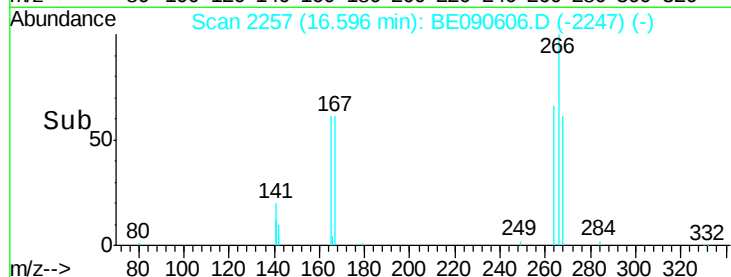
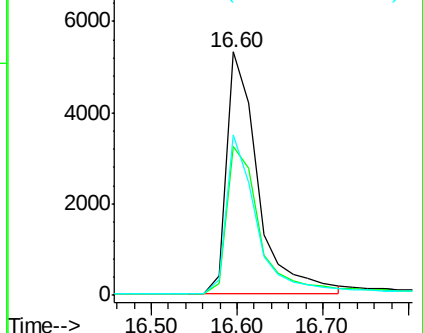
264 66.1 56.0 84.0



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: 3.61 ng

RT: 16.98 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

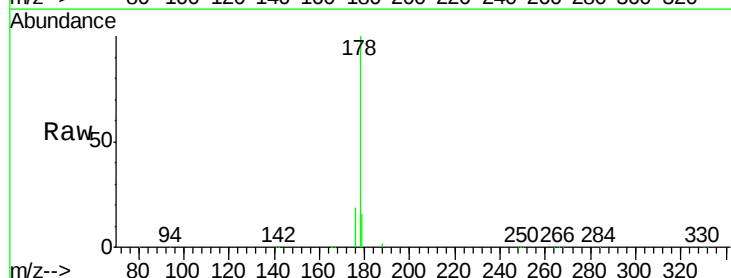
Tgt Ion:178 Resp: 93111

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

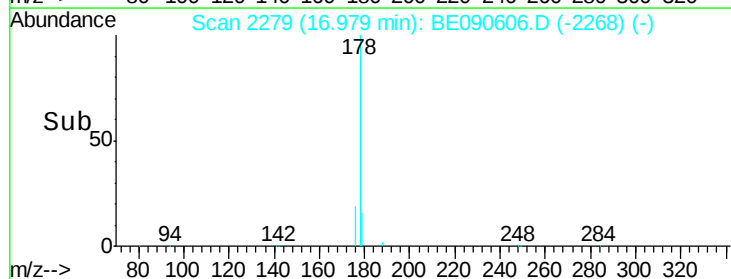
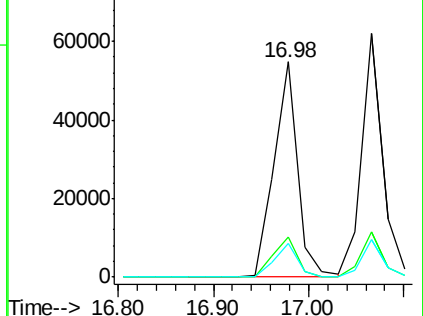
179 15.4 12.5 18.7



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: 3.98 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

Instrument :

BNA_E

ClientSampleId :

IDOC-W-03

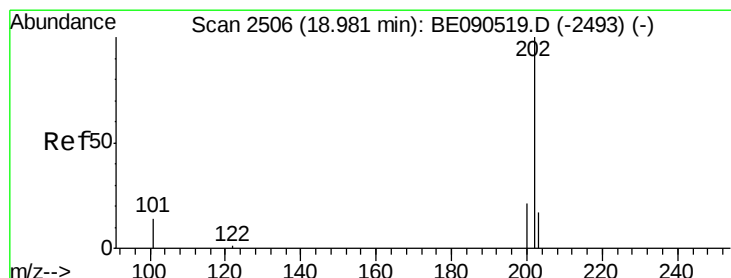
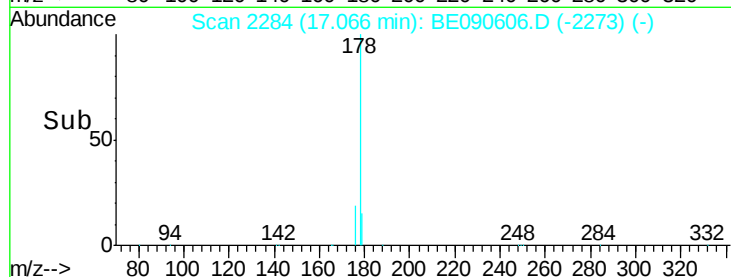
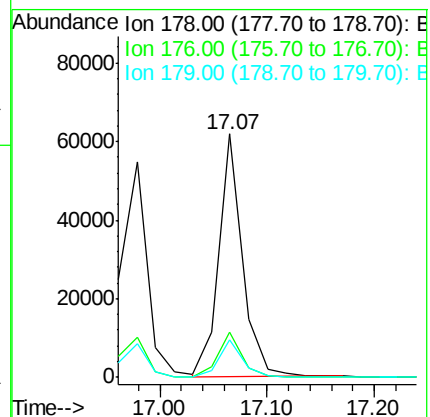
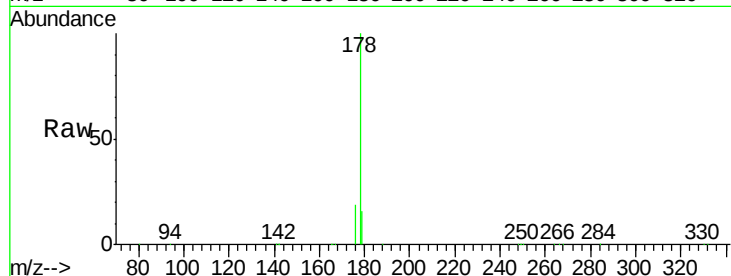
Tgt Ion:178 Resp: 94718

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.3 12.2 18.4



#24

Fluoranthene

Concen: 4.06 ng

RT: 18.98 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

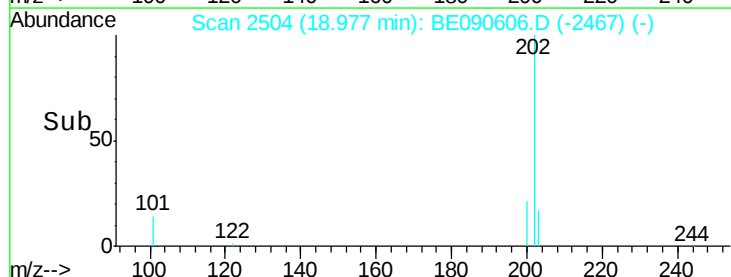
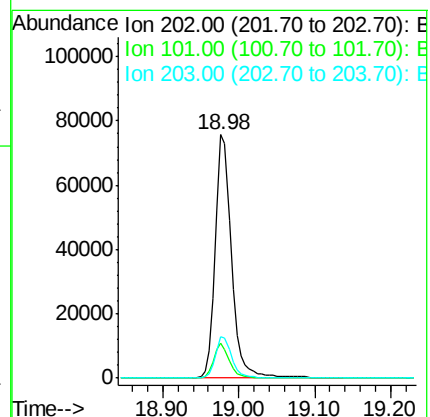
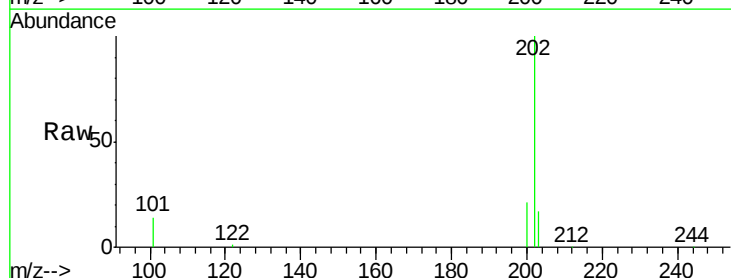
Tgt Ion:202 Resp: 111612

Ion Ratio Lower Upper

202 100

101 13.7 10.3 15.5

203 17.0 13.7 20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

Instrument :

BNA_E

ClientSampleId :

IDOC-W-03

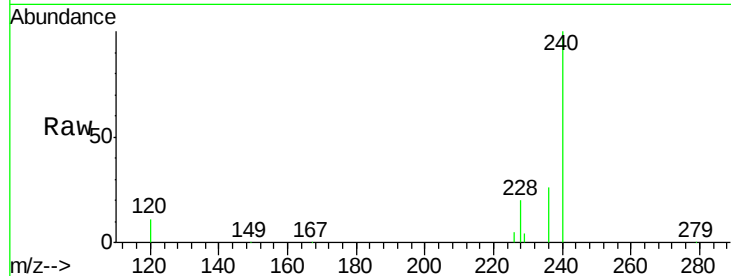
Tgt Ion:240 Resp: 116599

Ion Ratio Lower Upper

240 100

120 11.3 8.3 12.5

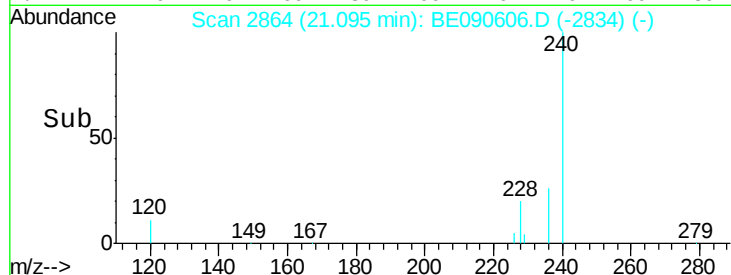
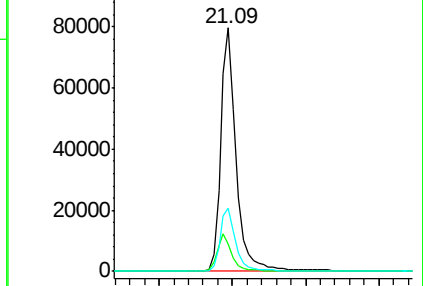
236 26.1 21.0 31.4



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: 3.60 ng

RT: 19.34 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

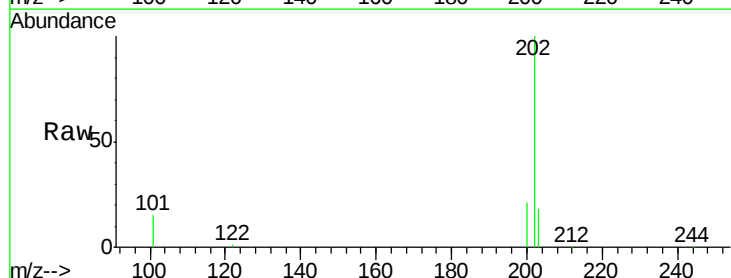
Tgt Ion:202 Resp: 120130

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

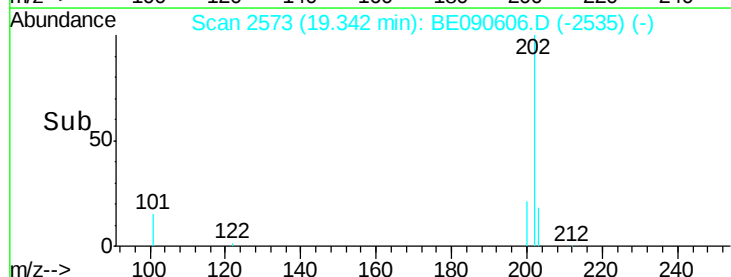
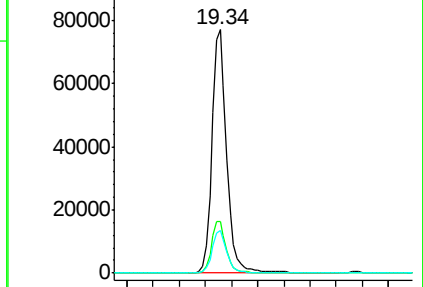
203 17.9 13.8 20.8

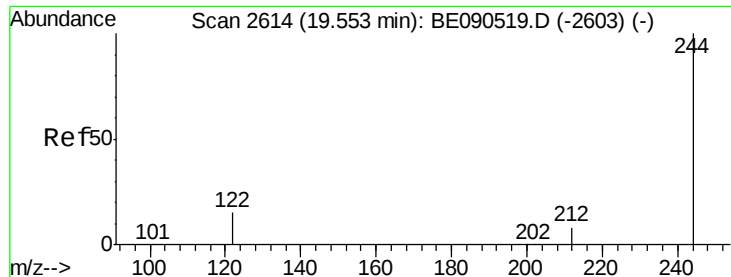


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

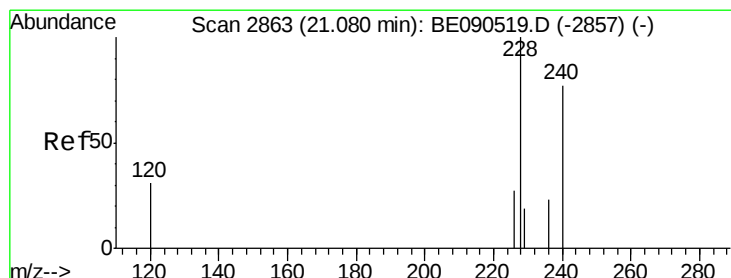
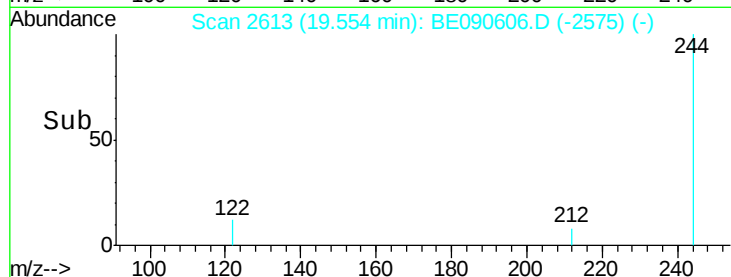
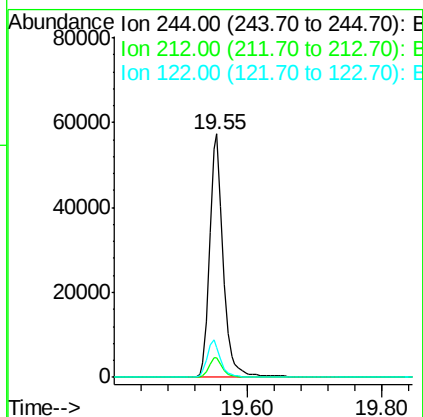
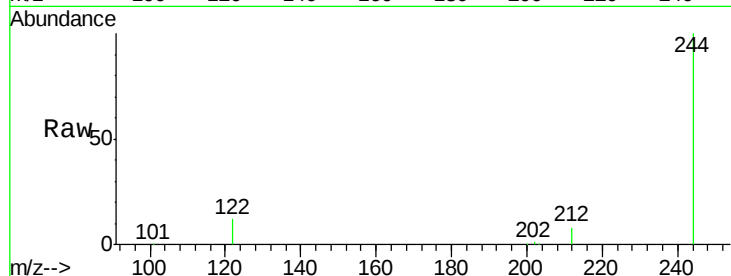




#27
 Terphenyl-d14
 Concen: 3.77 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BE090606.D
 Acq: 24 Aug 2015 18:11

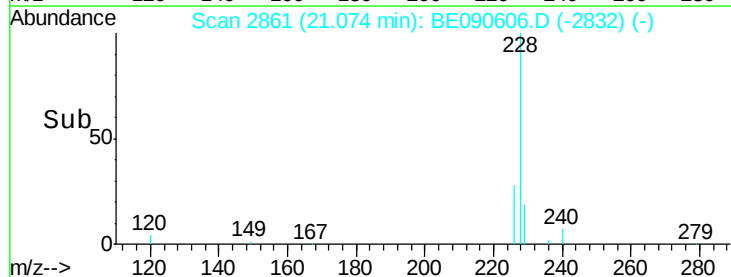
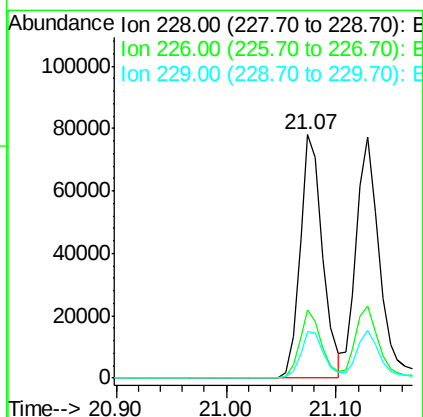
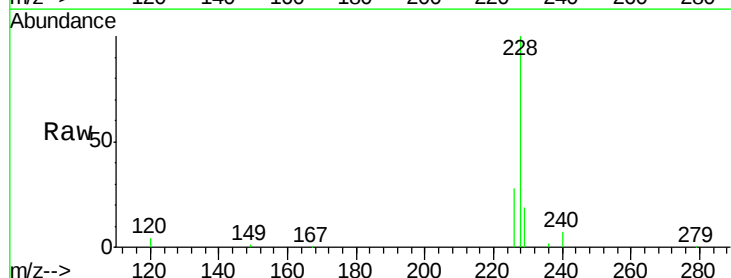
Instrument :
 BNA_E
 ClientSampleId :
 IDOC-W-03

Tgt Ion:244 Resp: 80484
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 12.3 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 3.59 ng
 RT: 21.07 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BE090606.D
 Acq: 24 Aug 2015 18:11

Tgt Ion:228 Resp: 110202
 Ion Ratio Lower Upper
 228 100
 226 27.8 21.9 32.9
 229 19.2 15.4 23.0





#29

Chrysene

Concen: 3.70 ng

RT: 21.13 min Scan# 2869

Delta R.T. 0.00 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

Instrument :

BNA_E

ClientSampleId :

IDOC-W-03

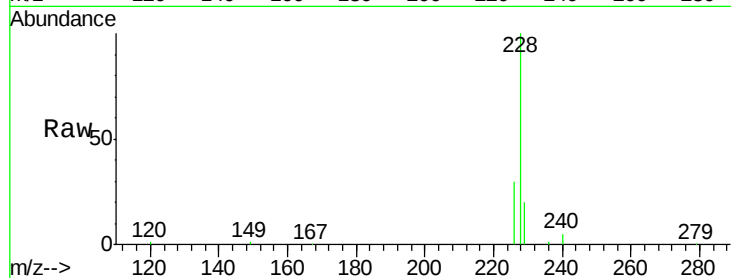
Tgt Ion:228 Resp: 116108

Ion Ratio Lower Upper

228 100

226 29.7 23.1 34.7

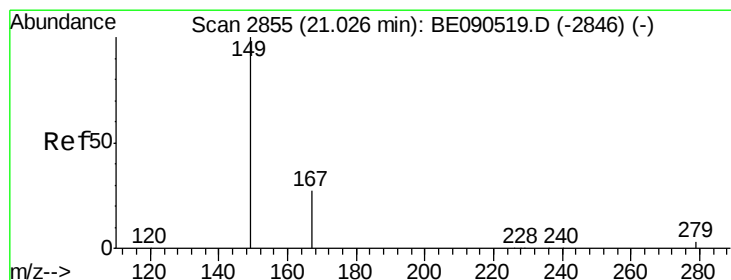
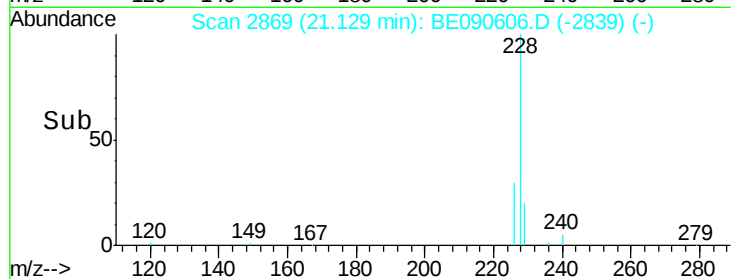
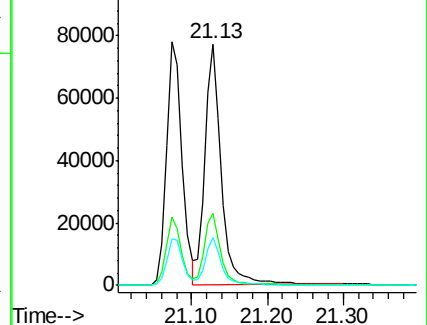
229 19.9 15.8 23.8



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: 2.90 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

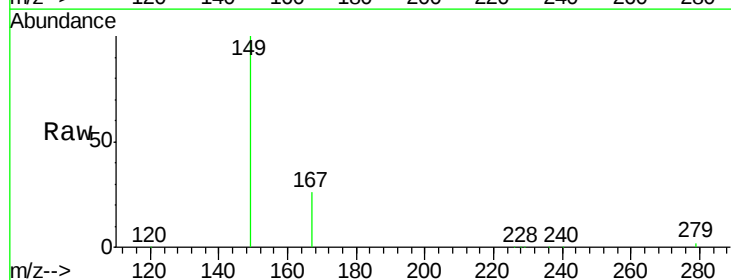
Tgt Ion:149 Resp: 52054

Ion Ratio Lower Upper

149 100

167 26.1 19.8 29.8

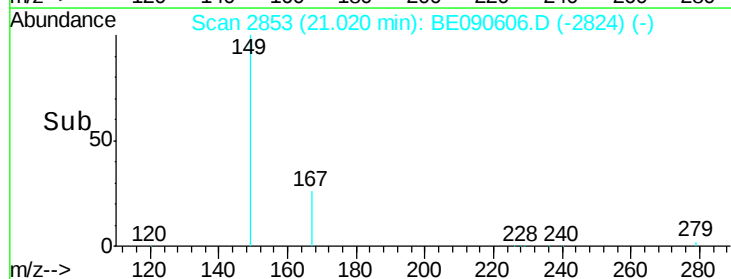
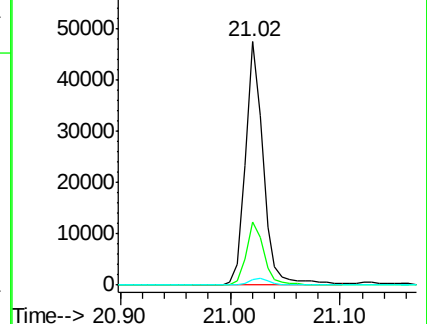
279 3.0 2.4 3.6



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: 3.38 ng

RT: 25.78 min Scan# 3827

Delta R.T. 0.01 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

Instrument :

BNA_E

ClientSampleId :

IDOC-W-03

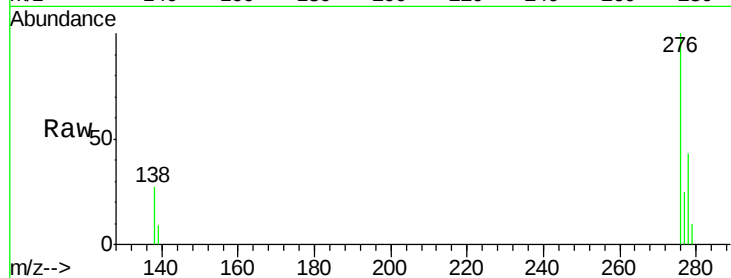
Tgt Ion:276 Resp: 99948

Ion Ratio Lower Upper

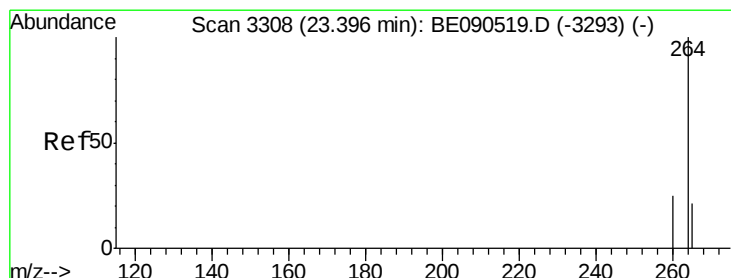
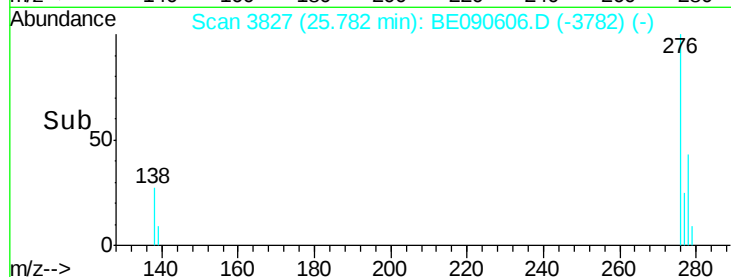
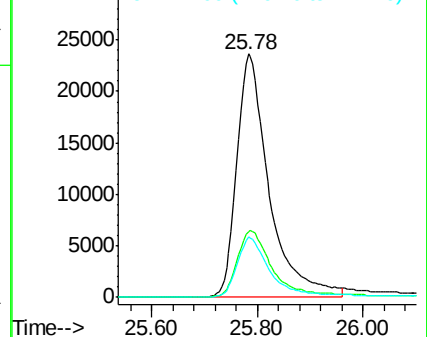
276 100

138 29.2 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: BE090606.D

Acq: 24 Aug 2015 18:11

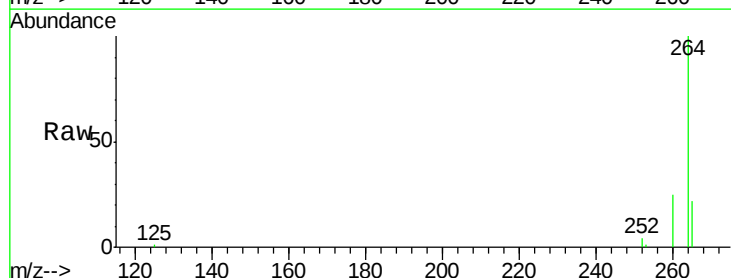
Tgt Ion:264 Resp: 98252

Ion Ratio Lower Upper

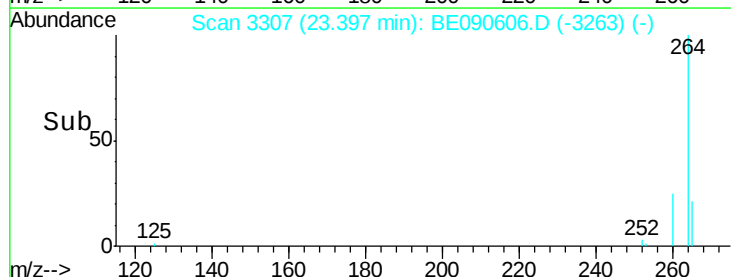
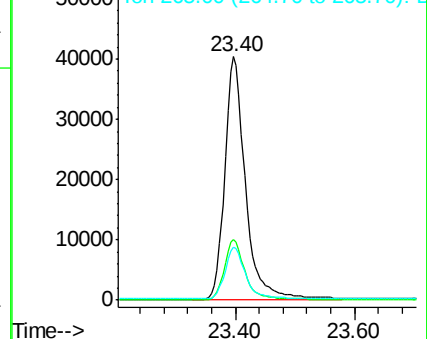
264 100

260 25.1 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: 4.06 ng

RT: 22.70 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

Instrument :

BNA_E

ClientSampleId :

IDOC-W-03

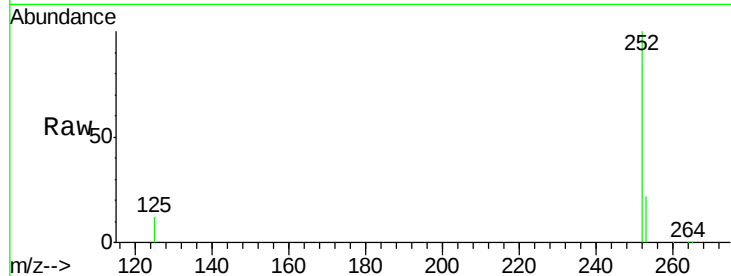
Tgt Ion:252 Resp: 94509

Ion Ratio Lower Upper

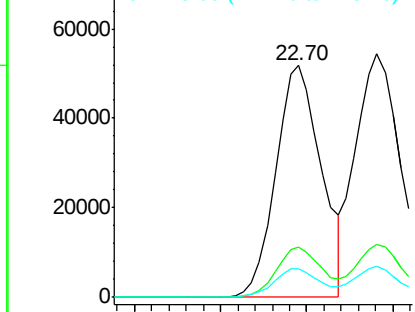
252 100

253 21.9 18.1 27.1

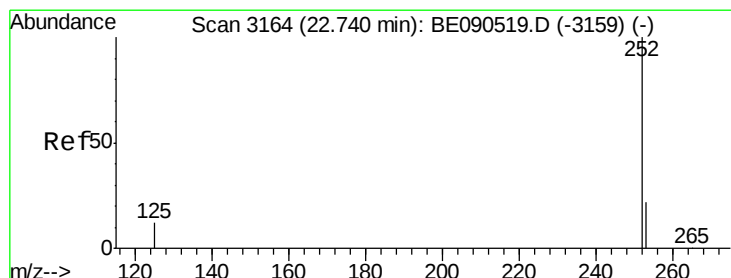
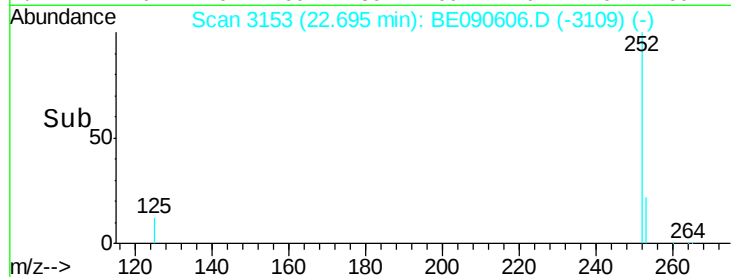
125 12.2 9.4 14.2



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



Time-->



#34

Benzo(k)fluoranthene

Concen: 4.18 ng

RT: 22.74 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

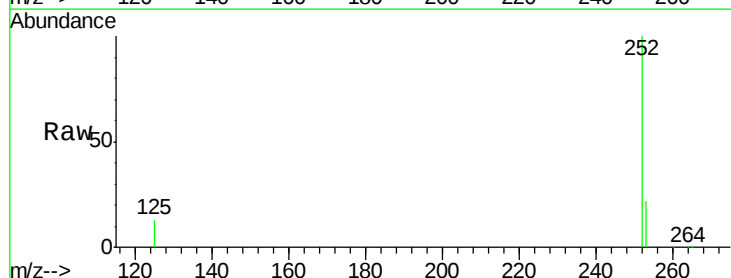
Tgt Ion:252 Resp: 110240

Ion Ratio Lower Upper

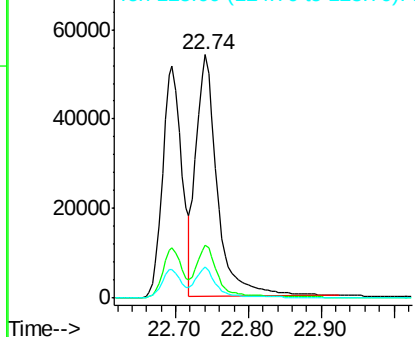
252 100

253 21.6 18.1 27.1

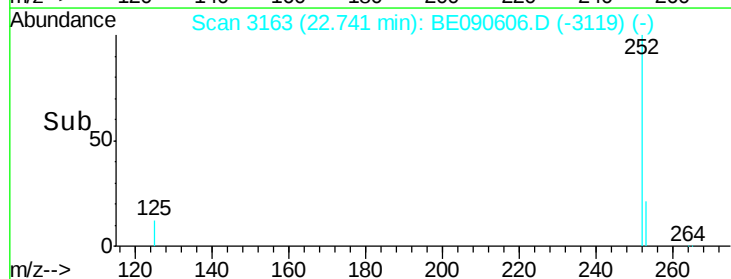
125 12.5 9.1 13.7



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



Time-->





#35

Benzo(a)pyrene

Concen: 4.31 ng

RT: 23.29 min Scan# 3284

Delta R.T. 0.00 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

Instrument :

BNA_E

ClientSampleId :

IDOC-W-03

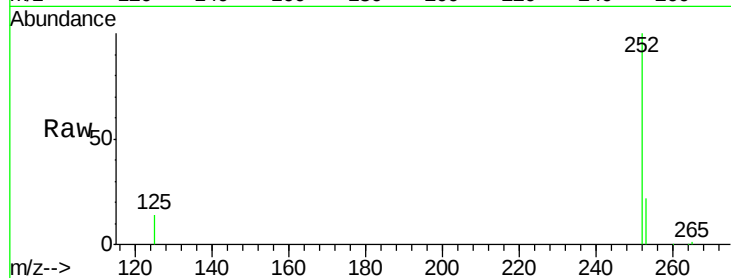
Tgt Ion:252 Resp: 93870

Ion Ratio Lower Upper

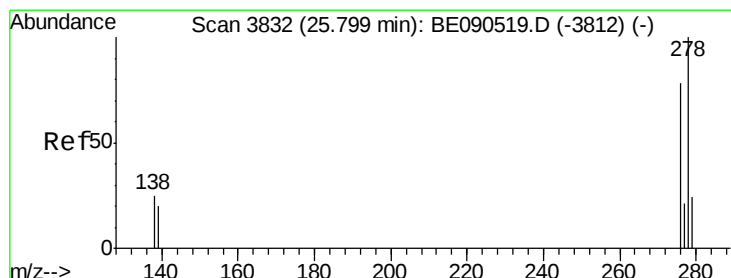
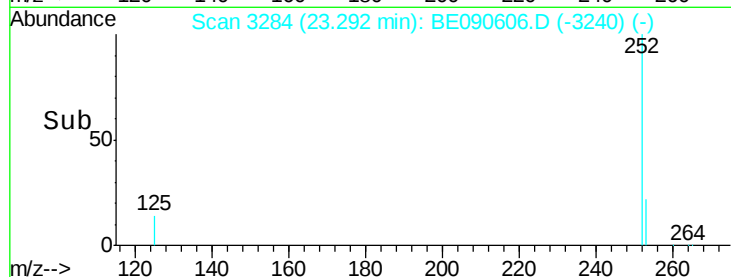
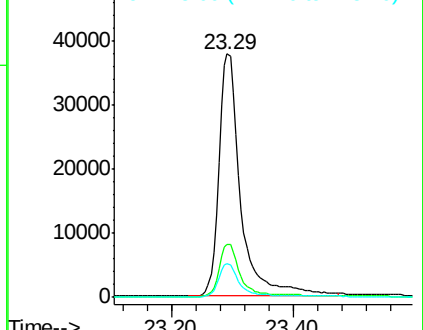
252 100

253 21.8 17.6 26.4

125 13.7 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: 3.77 ng

RT: 25.80 min Scan# 3832

Delta R.T. 0.01 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

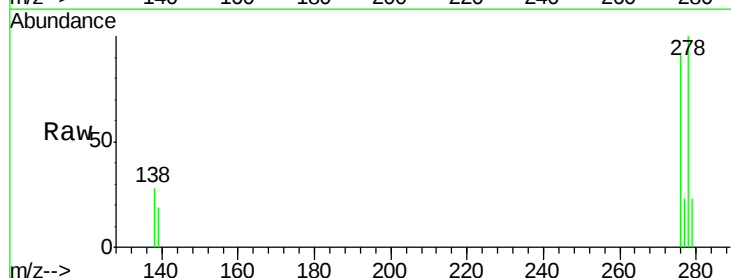
Tgt Ion:278 Resp: 79213

Ion Ratio Lower Upper

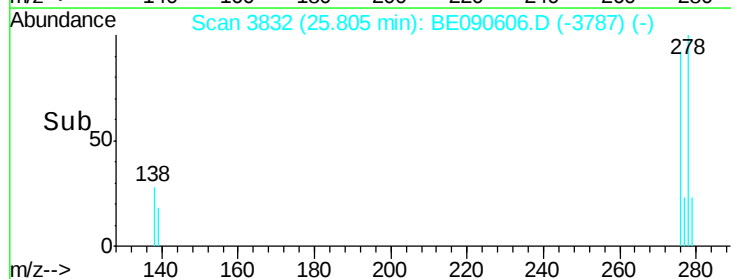
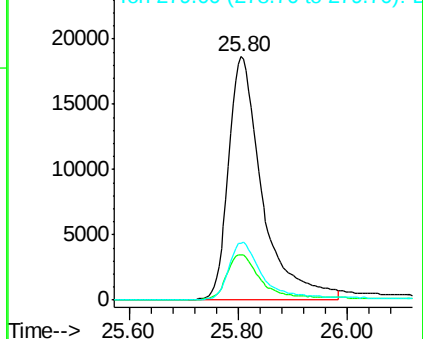
278 100

139 18.7 14.2 21.4

279 23.2 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: 3.86 ng

RT: 26.51 min Scan# 3986

Delta R.T. -0.00 min

Lab File: BE090606.D

Acq: 24 Aug 2015 18:11

Instrument :

BNA_E

ClientSampleId :

IDOC-W-03

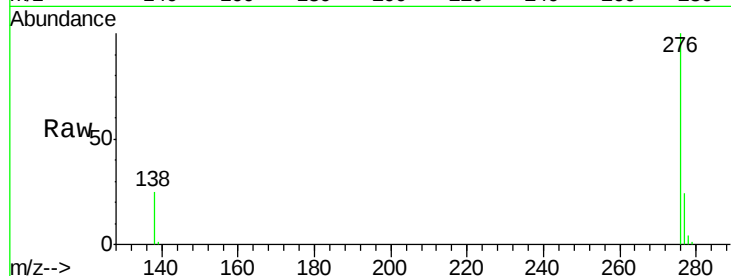
Tgt Ion: 276 Resp: 88735

Ion Ratio Lower Upper

276 100

277 23.7 20.1 30.1

138 25.4 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

