

Data Path : C:\USERS\EUSER\DESKTOP\BE082415\
 Data File : BE090600.D
 Acq On : 24 Aug 2015 14:33
 Operator : UM/IZ
 Sample : IDOC-S-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 IDOC-S-03

Quant Time: Aug 24 19:53:05 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

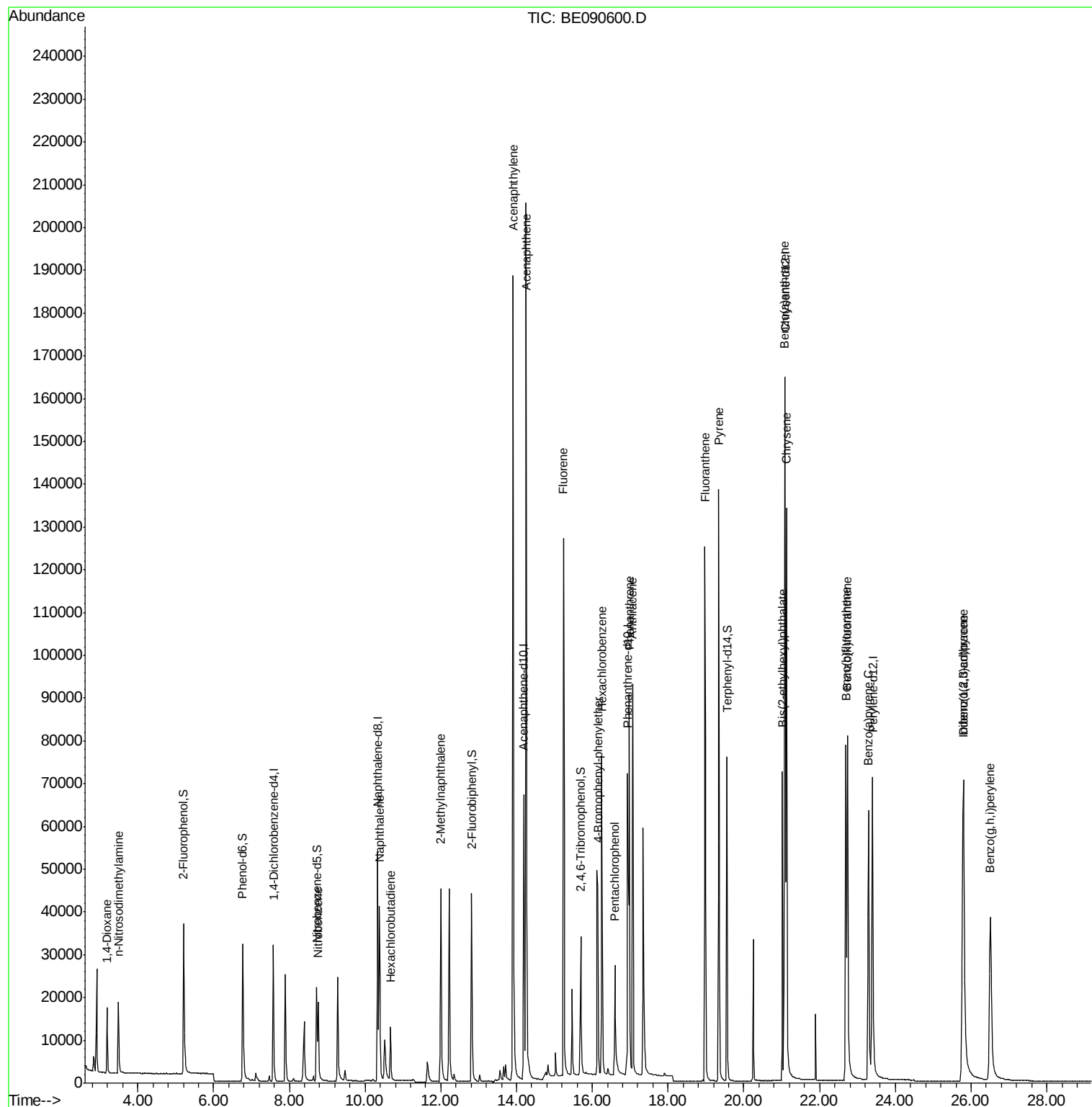
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	16216	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	75655	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	43525	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	105848	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	124852	5.00	ng	0.00
32) Perylene-d12	23.40	264	110188	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	31456	6.71	ng	0.00
5) Phenol-d6	6.77	99	44995	6.53	ng	0.00
7) Nitrobenzene-d5	8.72	82	23575	3.91	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	15559	9.29	ng	-0.02
14) 2-Fluorobiphenyl	12.81	172	48996	3.77	ng	0.00
27) Terphenyl-d14	19.55	244	84657	3.71	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	8177	4.45	ng	96
3) n-Nitrosodimethylamine	3.48	42	10276	3.67	ng	# 79
8) Nitrobenzene	8.76	77	23140	3.71	ng	95
9) Naphthalene	10.38	128	59597	3.47	ng	98
10) Hexachlorobutadiene	10.67	225	8823	3.50	ng	99
11) 2-Methylnaphthalene	12.00	142	41201	3.68	ng	98
15) Acenaphthylene	13.91	152	283817	3.57	ng	100
16) Acenaphthene	14.25	154	42434	3.55	ng	# 82
17) Fluorene	15.24	166	58282	3.98	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	15570	3.60	ng	77
20) Hexachlorobenzene	16.25	284	71443	3.73	ng	97
21) Pentachlorophenol	16.60	266	15479	6.63	ng	90
22) Phenanthrene	16.98	178	105815	3.81	ng	99
23) Anthracene	17.07	178	102342	4.00	ng	99
24) Fluoranthene	18.98	202	121223	4.10	ng	99
26) Pyrene	19.34	202	130675	3.66	ng	99
28) Benzo(a)anthracene	21.07	228	120718	3.67	ng	99
29) Chrysene	21.13	228	126622	3.77	ng	99
30) Bis(2-ethylhexyl)phthalate	21.02	149	63848	3.31	ng	99
31) Indeno(1,2,3-cd)pyrene	25.78	276	117039	3.70	ng	# 92
33) Benzo(b)fluoranthene	22.70	252	103553	3.97	ng	99
34) Benzo(k)fluoranthene	22.74	252	126144	4.27	ng	97
35) Benzo(a)pyrene	23.29	252	107111	4.39	ng	98
36) Dibenzo(a,h)anthracene	25.80	278	93563	3.97	ng	97
37) Benzo(g,h,i)perylene	26.51	276	104069	4.04	ng	96

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

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Quant Time: Aug 24 19:53:05 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# 844

Delta R.T. -0.01 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

Instrument :

BNA_E

ClientSampleId :

IDOC-S-03

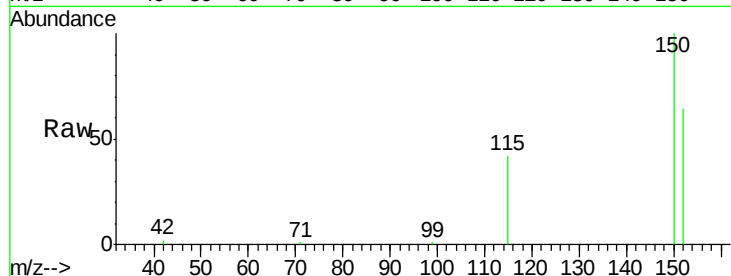
Tgt Ion:152 Resp: 16216

Ion Ratio Lower Upper

152 100

150 155.5 123.0 184.4

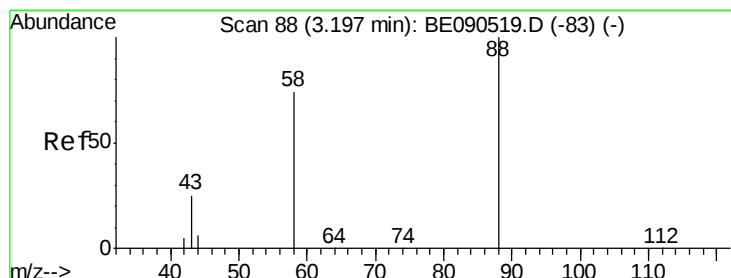
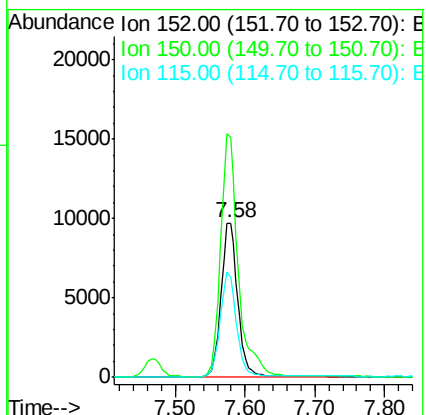
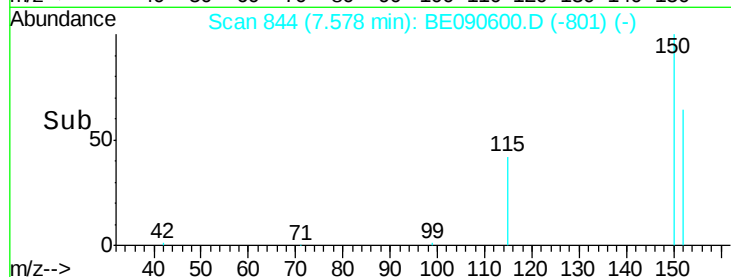
115 65.1 48.9 73.3



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: 4.45 ng

RT: 3.19 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

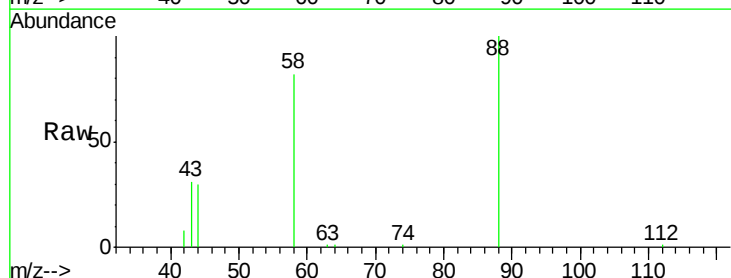
Tgt Ion: 88 Resp: 8177

Ion Ratio Lower Upper

88 100

58 84.9 70.0 105.0

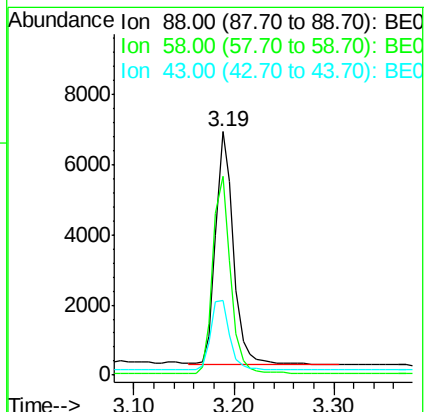
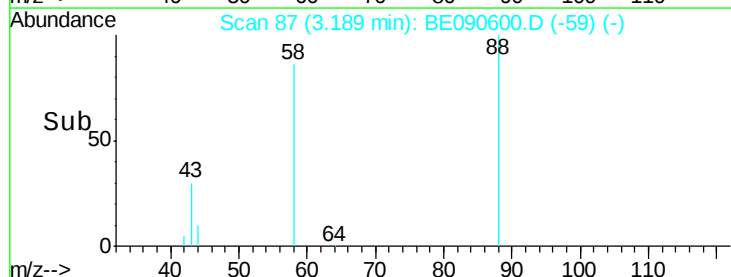
43 32.0 28.4 42.6



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



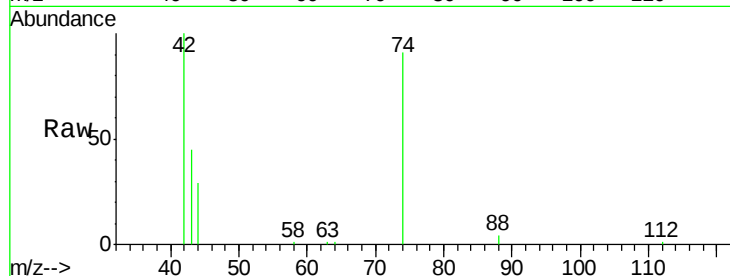


#3

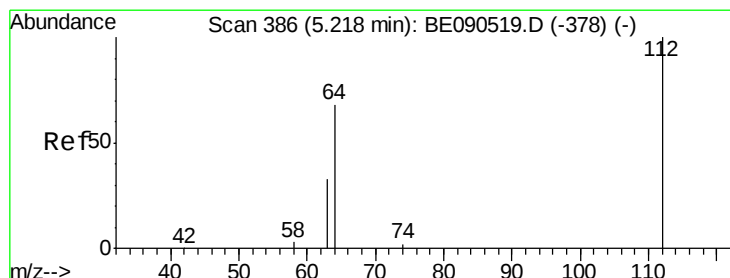
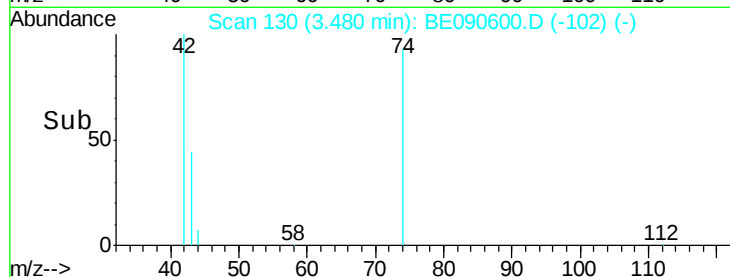
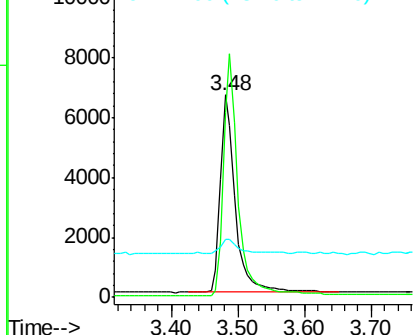
n-Nitrosodimethylamine
 Concen: 3.67 ng
 RT: 3.48 min Scan# 130
 Delta R.T. -0.01 min
 Lab File: BE090600.D
 Acq: 24 Aug 2015 14:33

Instrument :
 BNA_E
 ClientSampleId :
 IDOC-S-03

Tgt Ion: 42 Resp: 10276
 Ion Ratio Lower Upper
 42 100
 74 116.3 75.2 112.8#
 44 9.1 8.7 13.1



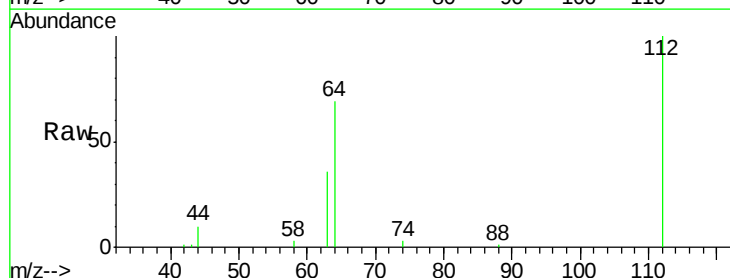
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



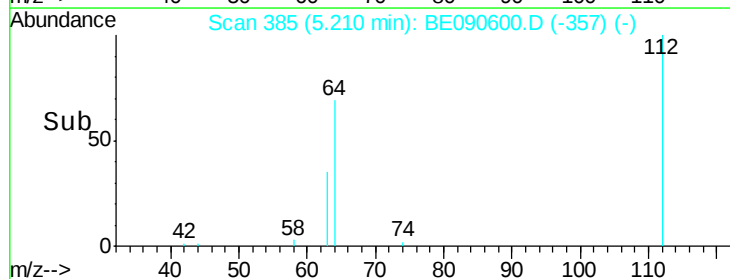
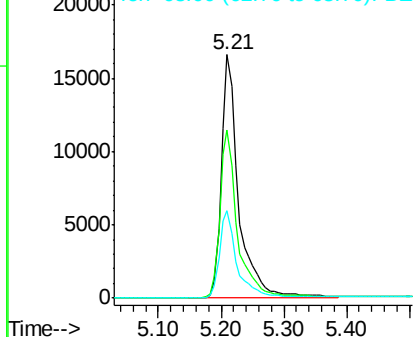
#4

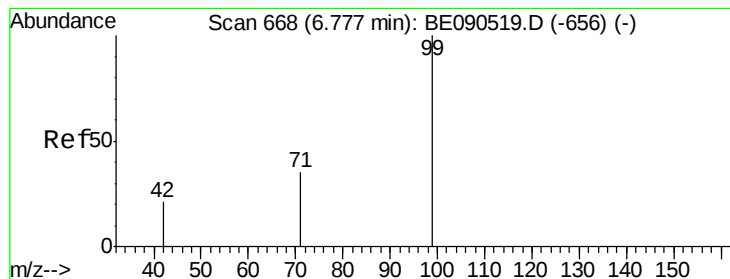
2-Fluorophenol
 Concen: 6.71 ng
 RT: 5.21 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: BE090600.D
 Acq: 24 Aug 2015 14:33

Tgt Ion: 112 Resp: 31456
 Ion Ratio Lower Upper
 112 100
 64 70.0 37.1 55.7#
 63 36.0 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: 6.53 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

Instrument :

BNA_E

ClientSampled :

IDOC-S-03

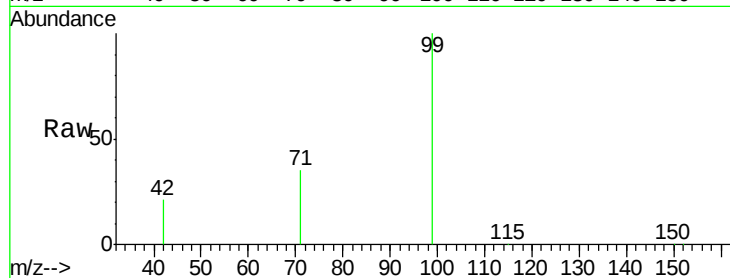
Tgt Ion: 99 Resp: 44995

Ion Ratio Lower Upper

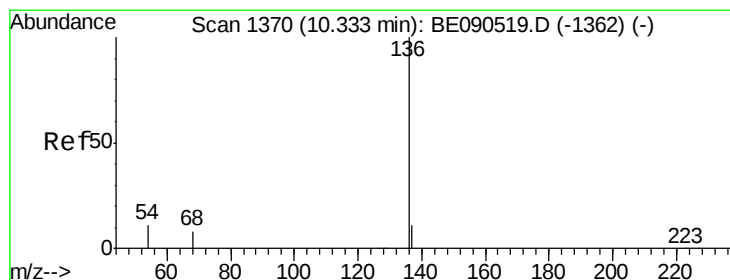
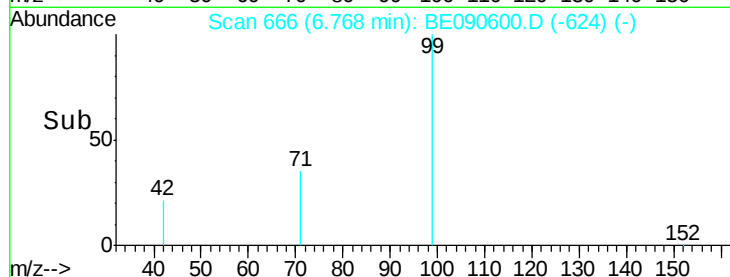
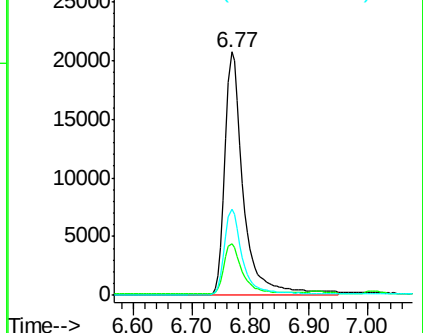
99 100

42 20.8 18.2 27.4

71 35.1 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: BE090600.D

Acq: 24 Aug 2015 14:33

Tgt Ion: 136 Resp: 75655

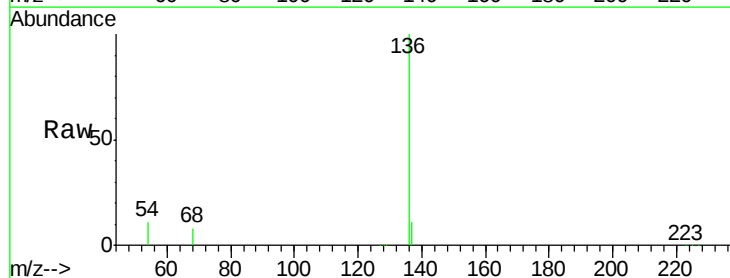
Ion Ratio Lower Upper

136 100

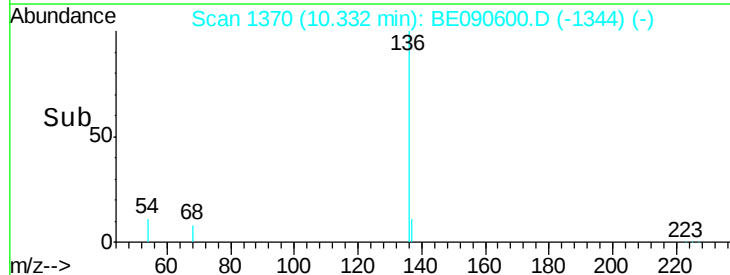
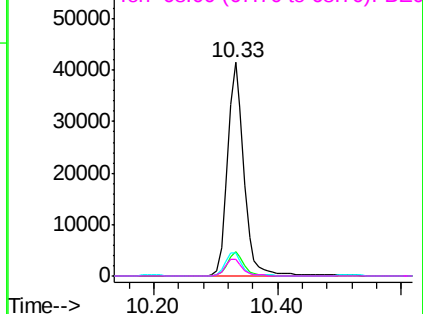
137 11.2 8.7 13.1

54 10.7 9.4 14.0

68 7.8 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: 3.91 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

Instrument :

BNA_E

ClientSampleId :

IDOC-S-03

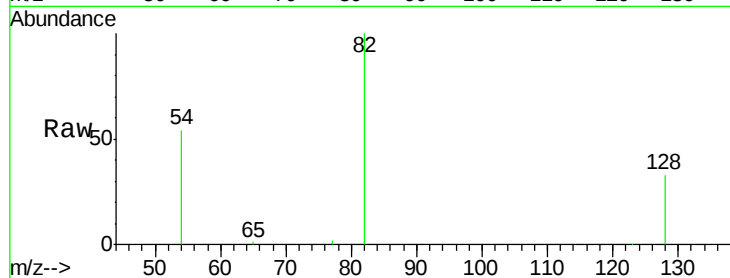
Tgt Ion: 82 Resp: 23575

Ion Ratio Lower Upper

82 100

128 32.9 25.0 37.6

54 54.3 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

8.72

15000

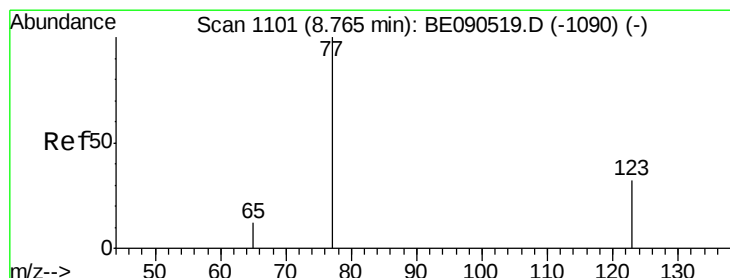
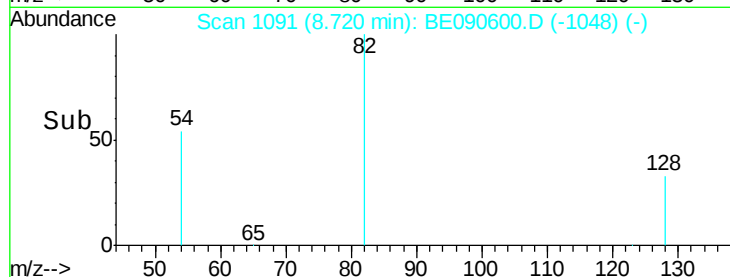
10000

5000

0

8.60 8.70 8.80 8.90

Time-->



#8

Nitrobenzene

Concen: 3.71 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

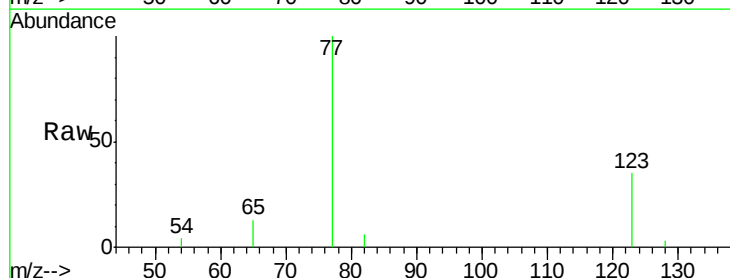
Tgt Ion: 77 Resp: 23140

Ion Ratio Lower Upper

77 100

123 34.8 25.1 37.7

65 12.8 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

8.76

15000

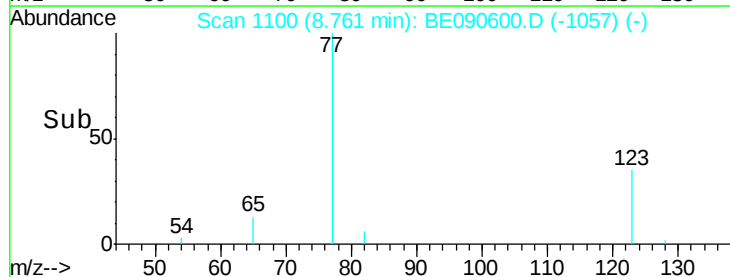
10000

5000

0

8.60 8.70 8.80 8.90 9.00

Time-->





#9

Naphthalene

Concen: 3.47 ng

RT: 10.38 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

Instrument :

BNA_E

ClientSampleId :

IDOC-S-03

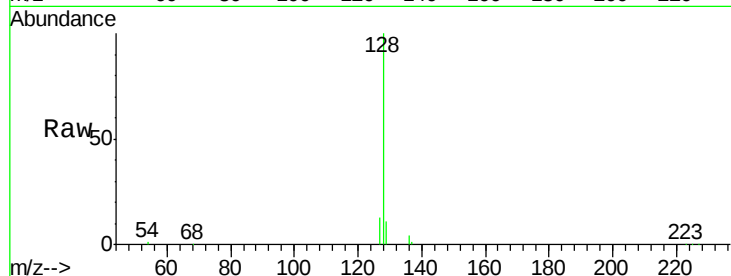
Tgt Ion:128 Resp: 59597

Ion Ratio Lower Upper

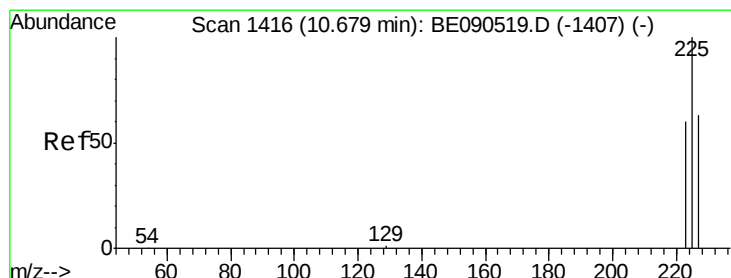
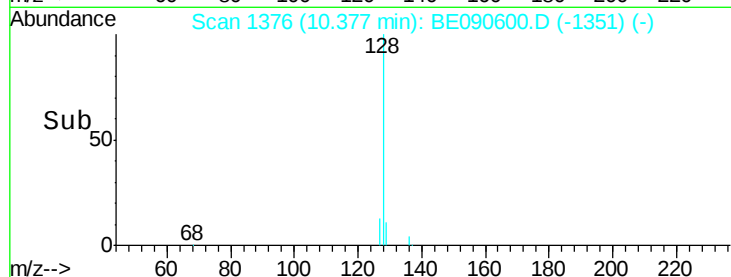
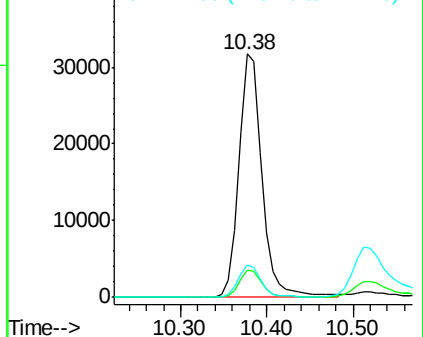
128 100

129 11.0 9.8 14.6

127 13.2 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: 3.50 ng

RT: 10.67 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

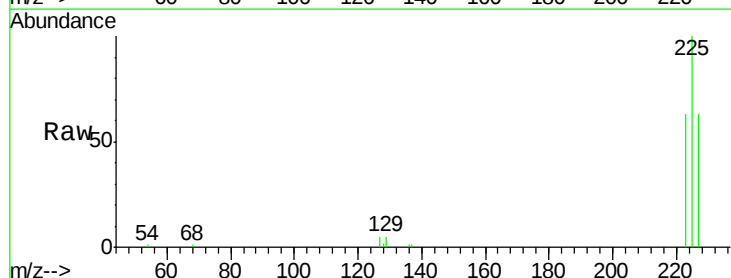
Tgt Ion:225 Resp: 8823

Ion Ratio Lower Upper

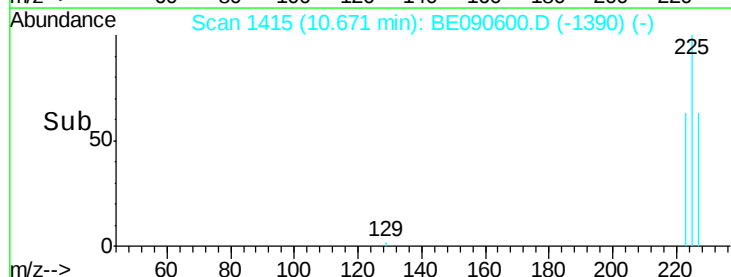
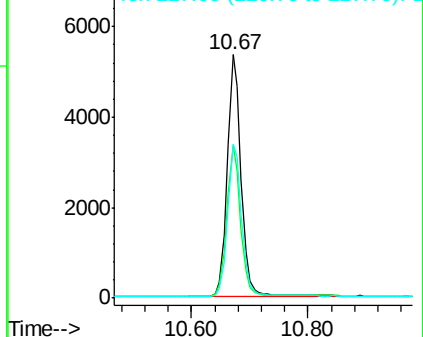
225 100

223 62.4 50.6 75.8

227 64.2 50.7 76.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 3.68 ng

RT: 12.00 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

Instrument :

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IDOC-S-03

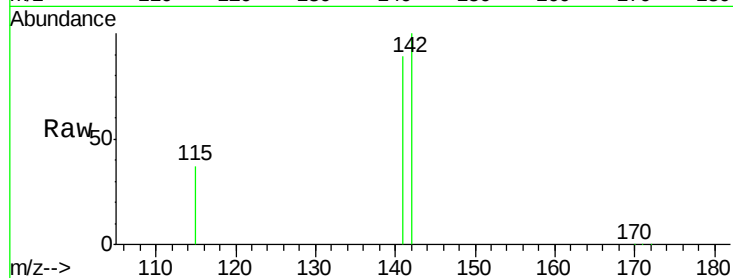
Tgt Ion:142 Resp: 41201

Ion Ratio Lower Upper

142 100

141 89.3 72.6 109.0

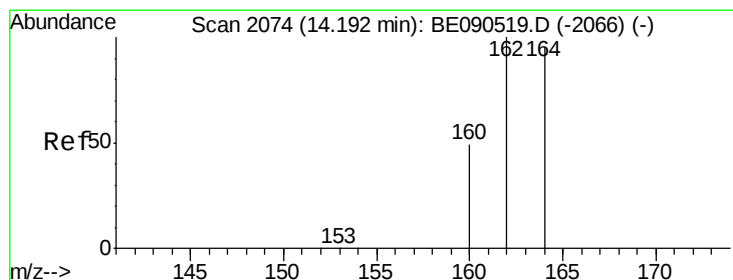
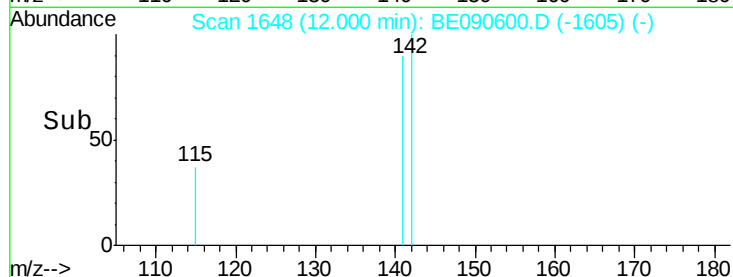
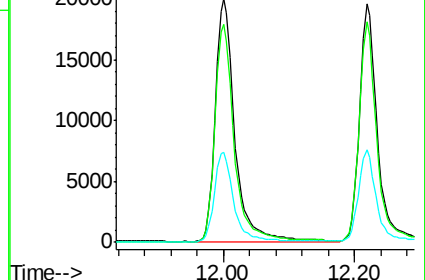
115 36.9 31.6 47.4



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: BE090600.D

Acq: 24 Aug 2015 14:33

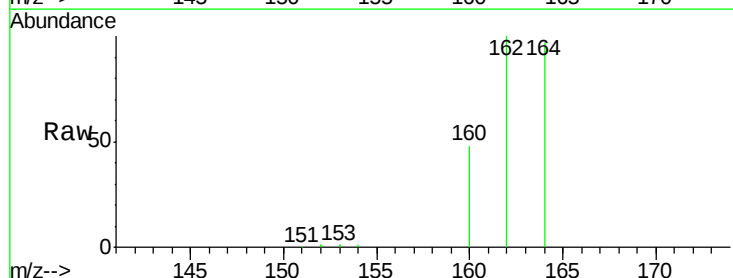
Tgt Ion:164 Resp: 43525

Ion Ratio Lower Upper

164 100

162 102.6 81.8 122.8

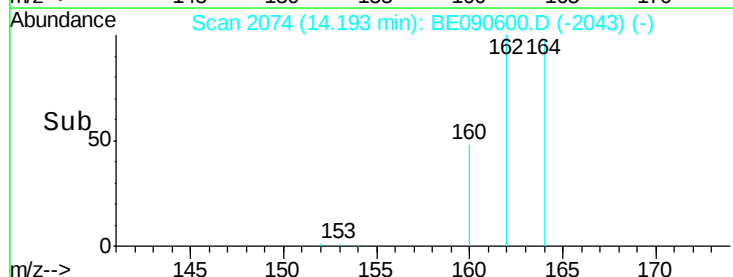
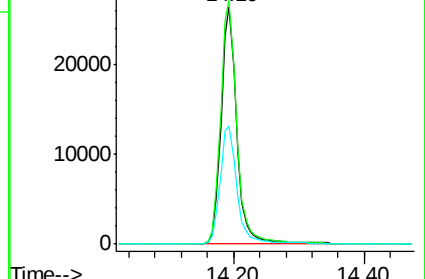
160 49.7 44.2 66.4



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

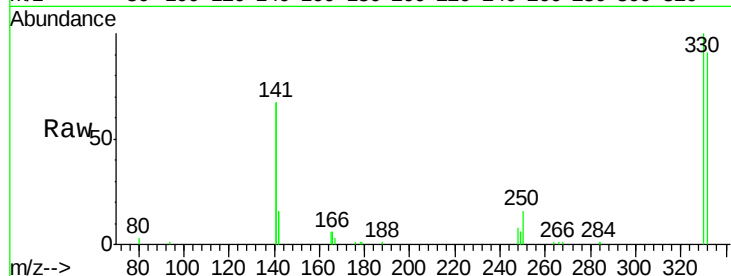




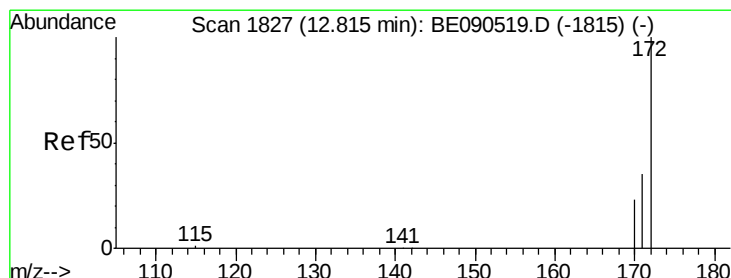
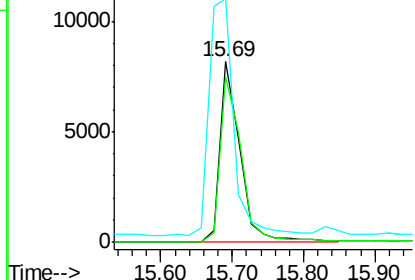
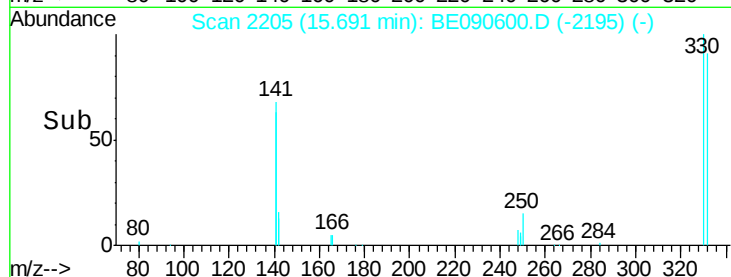
#13
 2,4,6-Tribromophenol
 Concen: 9.29 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090600.D
 Acq: 24 Aug 2015 14:33

Instrument :
 BNA_E
 ClientSampleID :
 IDOC-S-03

Tgt Ion: 330 Resp: 15559
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.8 113.6
 141 165.8 114.4 171.6

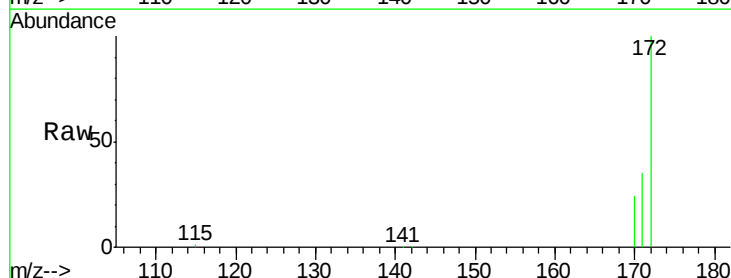


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

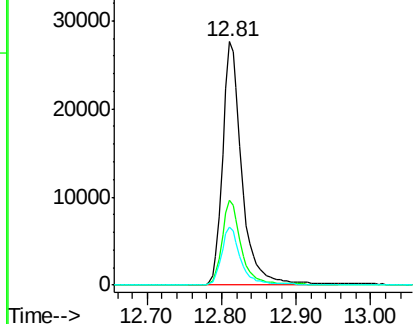
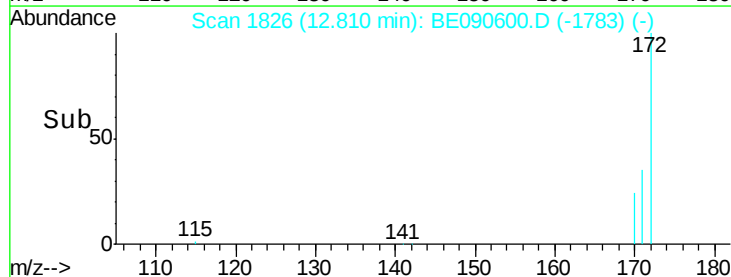


#14
 2-Fluorobiphenyl
 Concen: 3.77 ng
 RT: 12.81 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BE090600.D
 Acq: 24 Aug 2015 14:33

Tgt Ion: 172 Resp: 48996
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.7 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: 3.57 ng

RT: 13.91 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

Instrument :

BNA_E

ClientSampleId :

IDOC-S-03

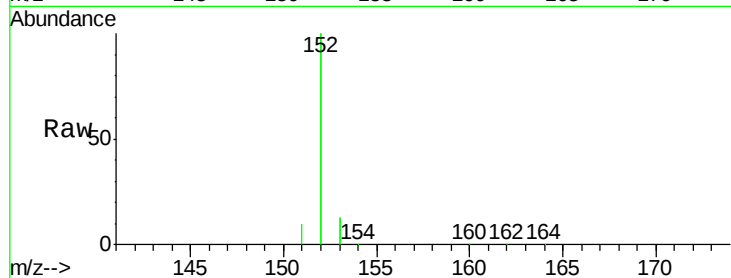
Tgt Ion:152 Resp: 283817

Ion Ratio Lower Upper

152 100

151 4.9 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

13.91

200000

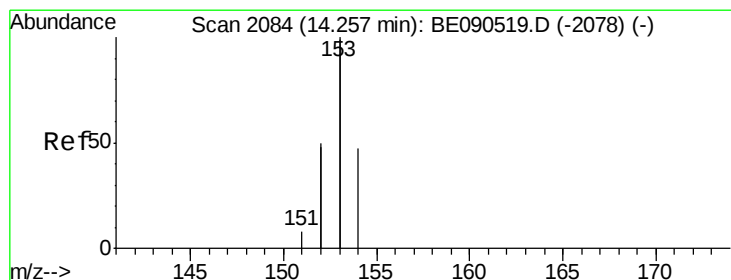
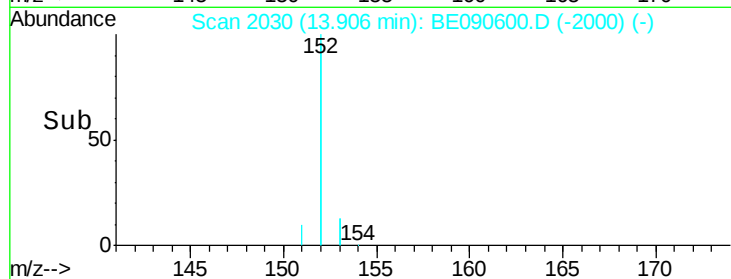
150000

100000

50000

0

Time-->



#16

Acenaphthene

Concen: 3.55 ng

RT: 14.25 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

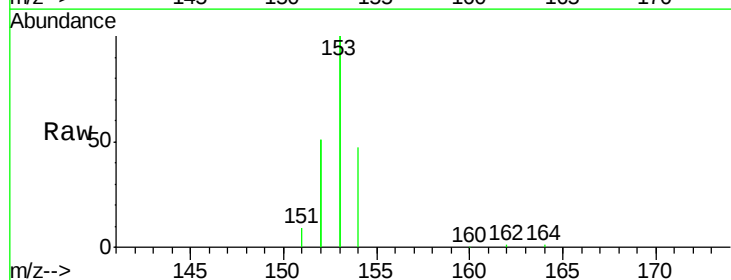
Tgt Ion:154 Resp: 42434

Ion Ratio Lower Upper

154 100

153 446.6 376.2 564.2

152 231.8 235.0 352.4#



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

14.25

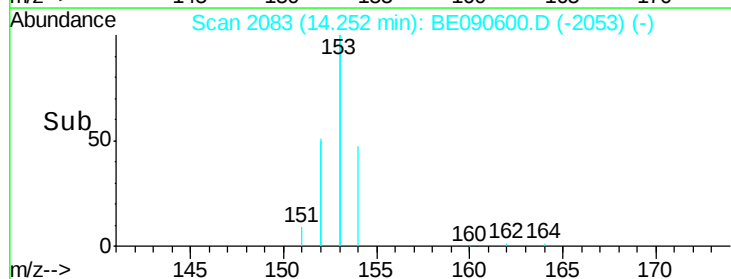
150000

100000

50000

0

Time-->

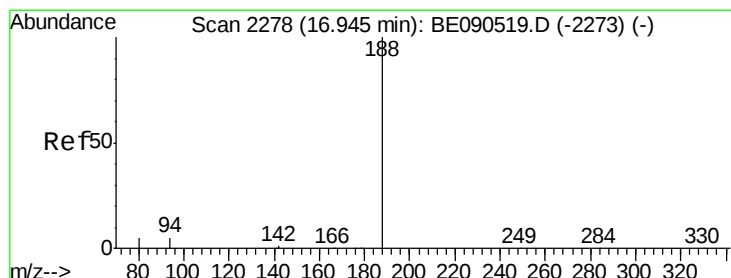
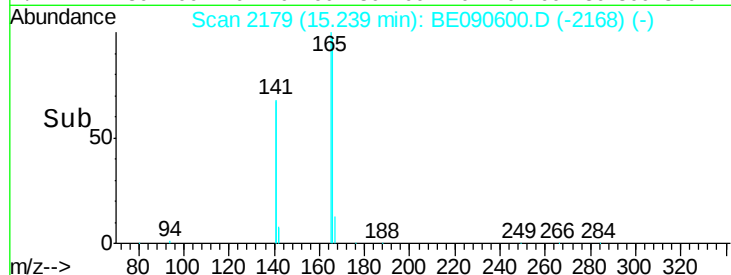
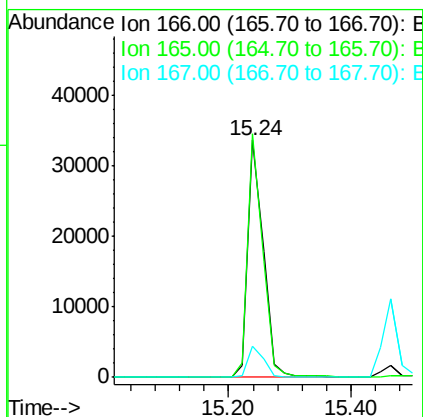
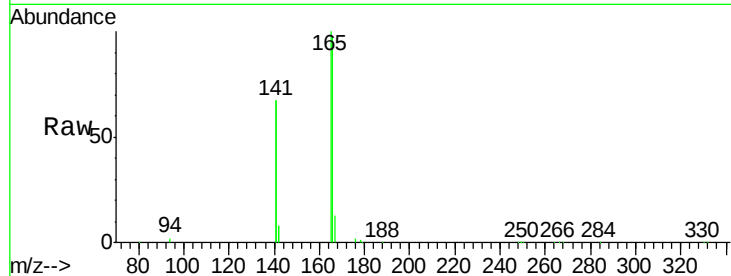




#17
Fluorene
 Concen: 3.98 ng
 RT: 15.24 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BE090600.D
 Acq: 24 Aug 2015 14:33

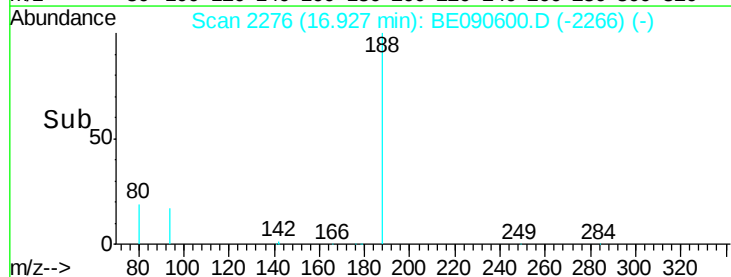
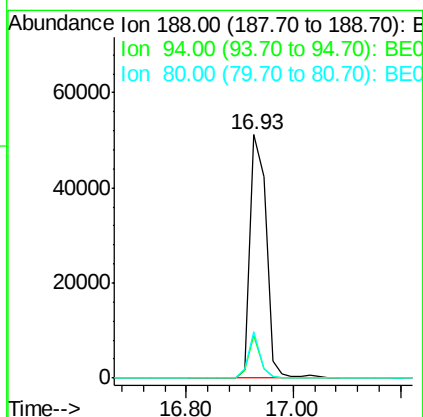
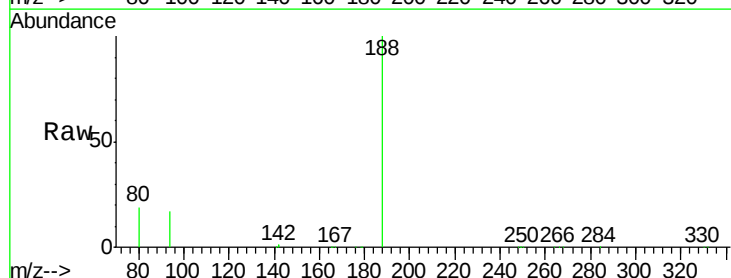
Instrument :
 BNA_E
 ClientSampleId :
 IDOC-S-03

Tgt Ion:166 Resp: 58282
 Ion Ratio Lower Upper
 166 100
 165 99.6 81.5 122.3
 167 13.7 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: BE090600.D
 Acq: 24 Aug 2015 14:33

Tgt Ion:188 Resp: 105848
 Ion Ratio Lower Upper
 188 100
 94 17.5 5.7 8.5#
 80 19.1 5.8 8.8#





#19

4-Bromophenyl-phenylether

Concen: 3.60 ng

RT: 16.14 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

Instrument :

BNA_E

ClientSampleId :

IDOC-S-03

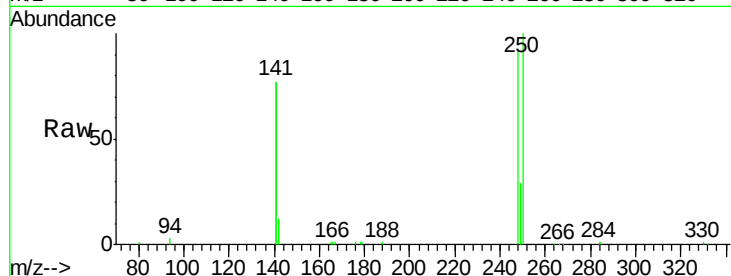
Tgt Ion:248 Resp: 15570

Ion Ratio Lower Upper

248 100

250 99.0 79.0 118.6

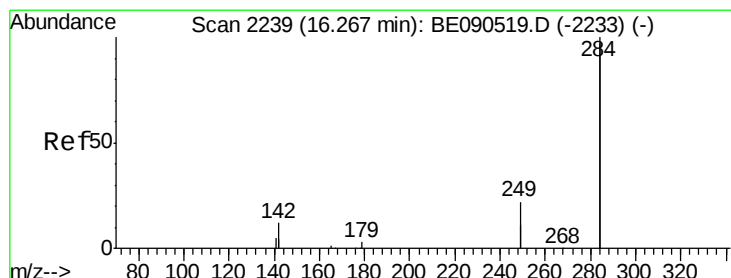
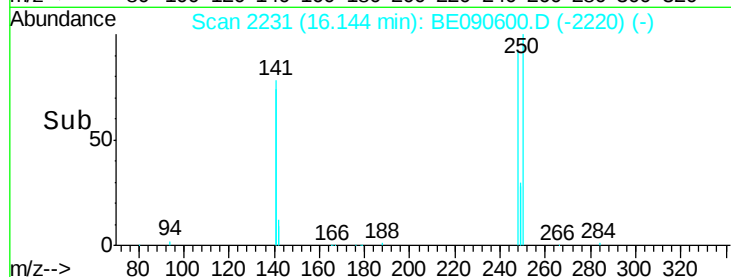
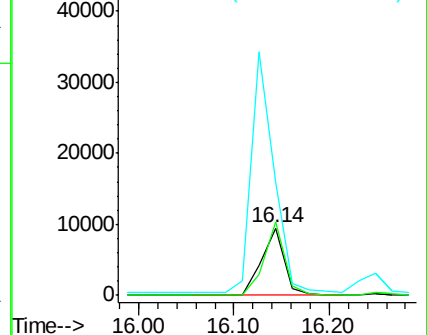
141 358.3 239.5 359.3



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: 3.73 ng

RT: 16.25 min Scan# 2237

Delta R.T. -0.02 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

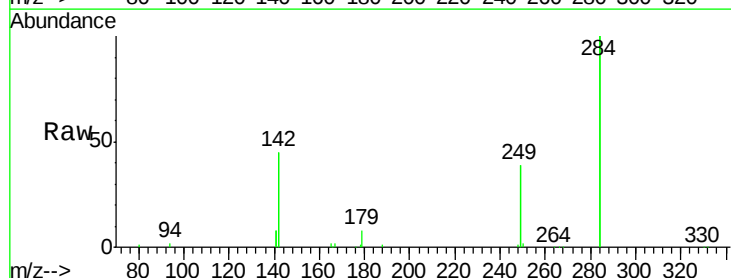
Tgt Ion:284 Resp: 71443

Ion Ratio Lower Upper

284 100

142 39.8 30.1 45.1

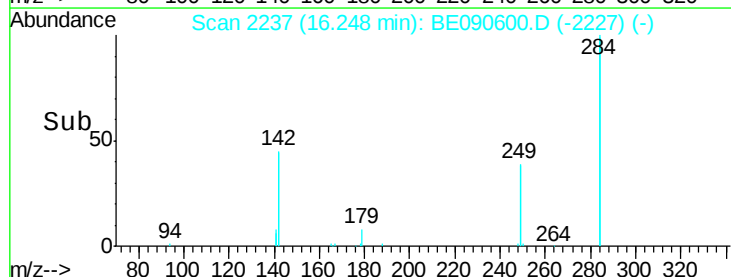
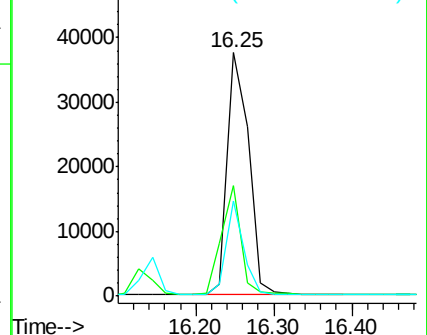
249 31.3 25.7 38.5

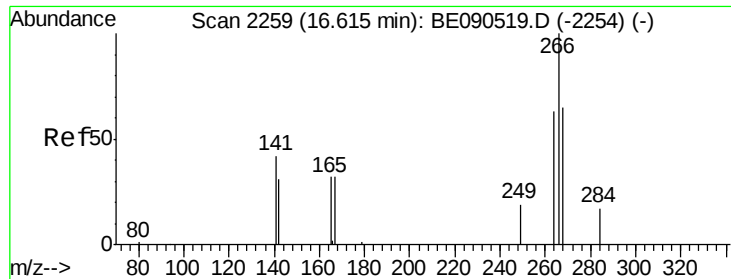


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

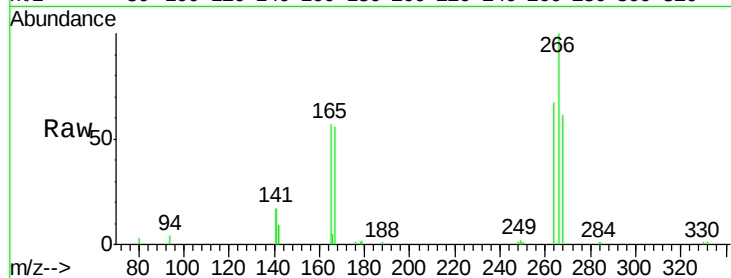




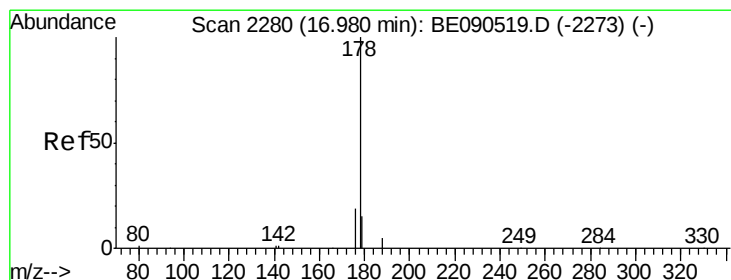
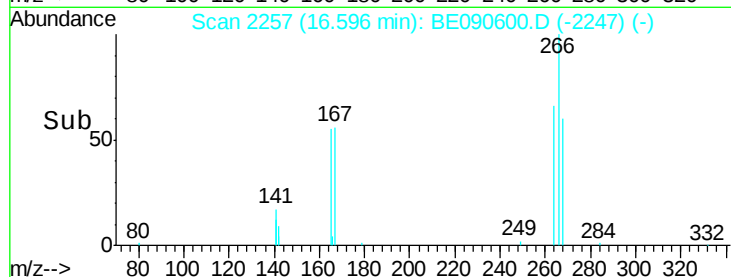
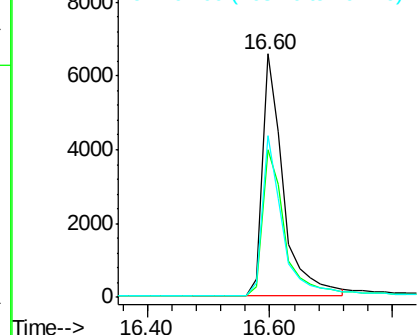
#21
 Pentachlorophenol
 Concen: 6.63 ng
 RT: 16.60 min Scan# 2257
 Delta R.T. -0.02 min
 Lab File: BE090600.D
 Acq: 24 Aug 2015 14:33

Instrument :
 BNA_E
 ClientSampleId :
 IDOC-S-03

Tgt Ion: 266 Resp: 15479
 Ion Ratio Lower Upper
 266 100
 268 60.7 58.5 87.7
 264 66.6 56.0 84.0

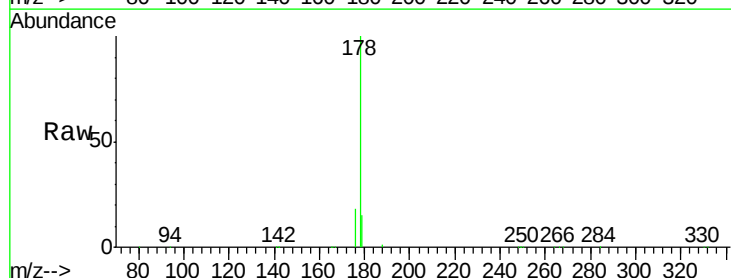


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

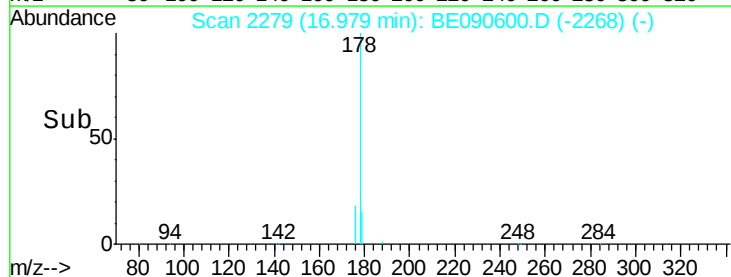
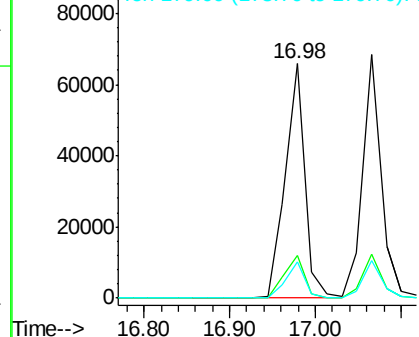


#22
 Phenanthrene
 Concen: 3.81 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE090600.D
 Acq: 24 Aug 2015 14:33

Tgt Ion: 178 Resp: 105815
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.1 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: 4.00 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

Instrument :

BNA_E

ClientSampleId :

IDOC-S-03

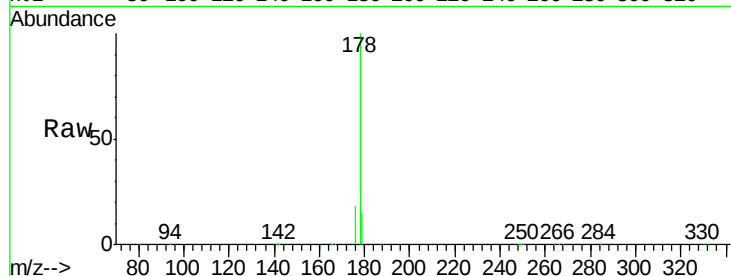
Tgt Ion:178 Resp: 102342

Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

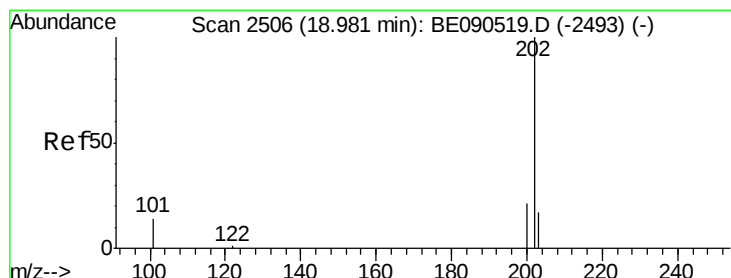
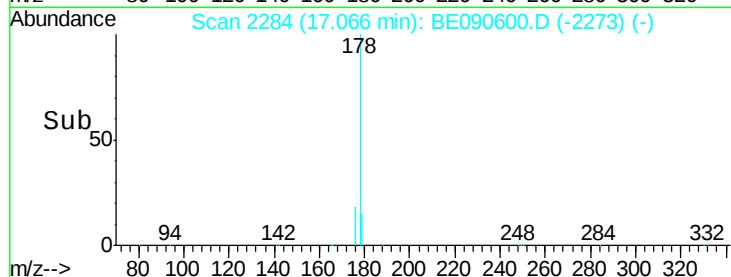
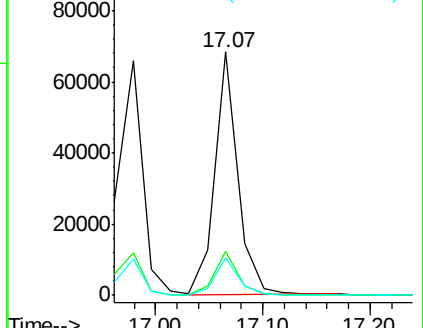
179 15.4 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 4.10 ng

RT: 18.98 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

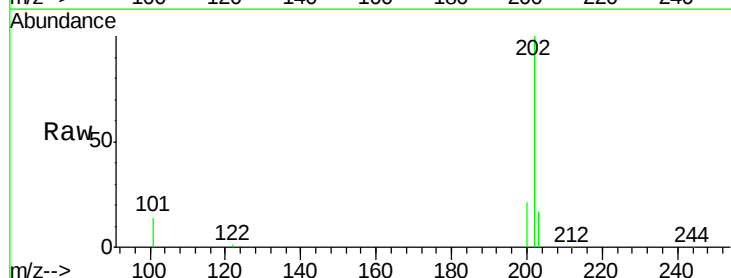
Tgt Ion:202 Resp: 121223

Ion Ratio Lower Upper

202 100

101 13.8 10.3 15.5

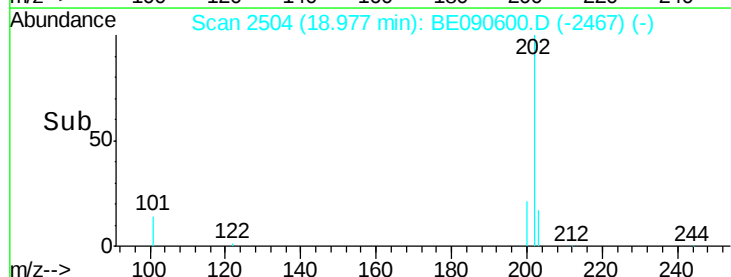
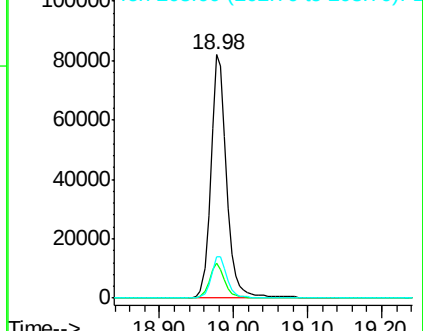
203 17.2 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

Instrument :

BNA_E

ClientSampleId :

IDOC-S-03

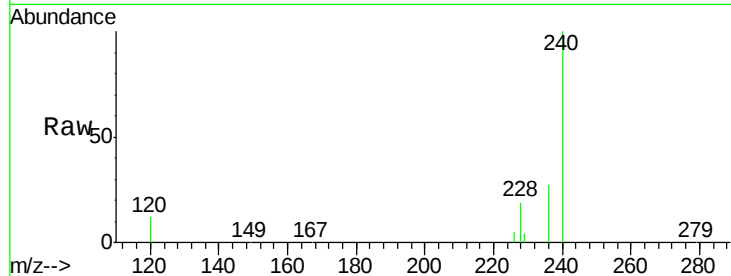
Tgt Ion:240 Resp: 124852

Ion Ratio Lower Upper

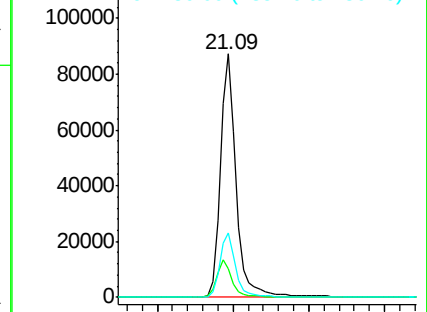
240 100

120 11.7 8.3 12.5

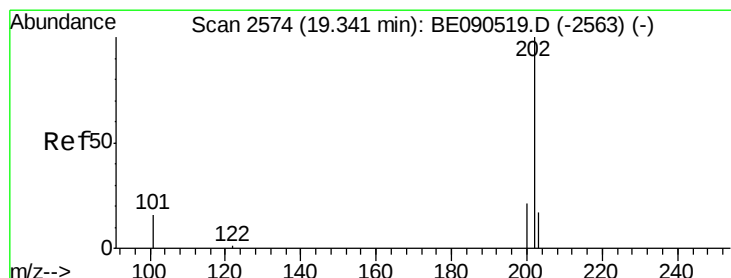
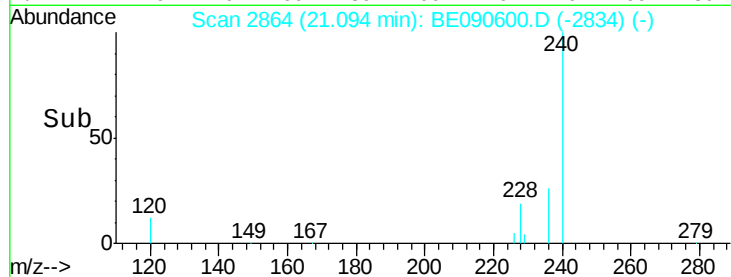
236 26.5 21.0 31.4



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



Time-->



#26

Pyrene

Concen: 3.66 ng

RT: 19.34 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

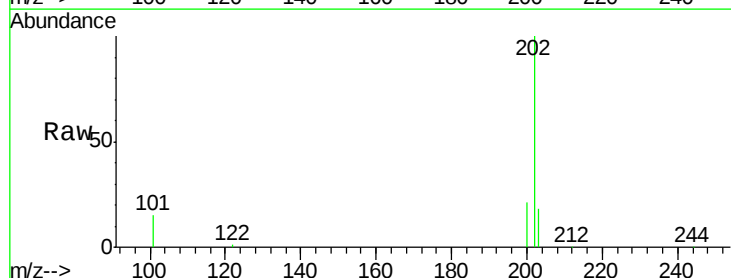
Tgt Ion:202 Resp: 130675

Ion Ratio Lower Upper

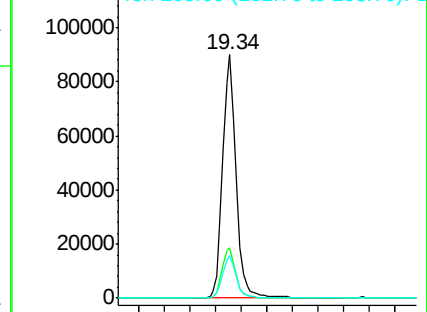
202 100

200 21.2 16.7 25.1

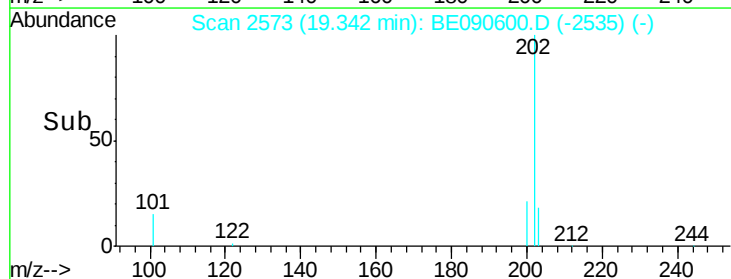
203 18.0 13.8 20.8



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



Time-->

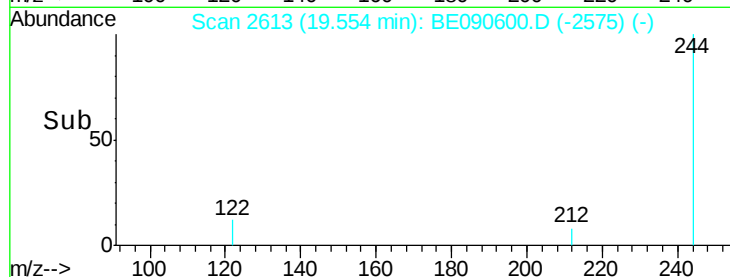
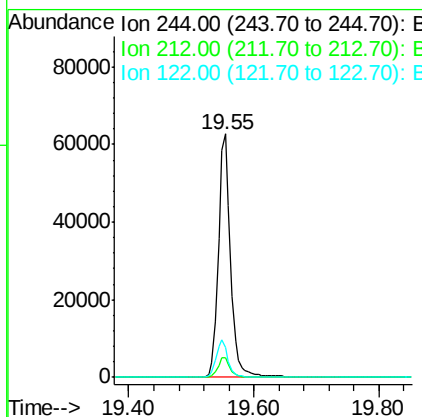
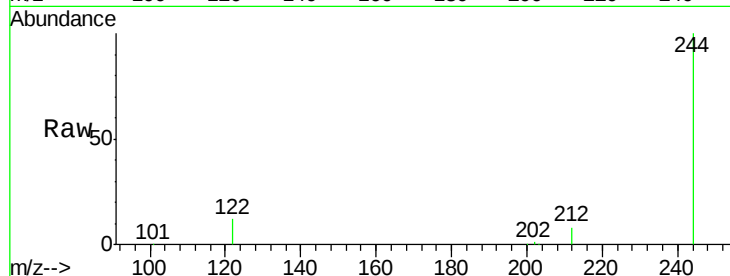




#27
 Terphenyl-d14
 Concen: 3.71 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BE090600.D
 Acq: 24 Aug 2015 14:33

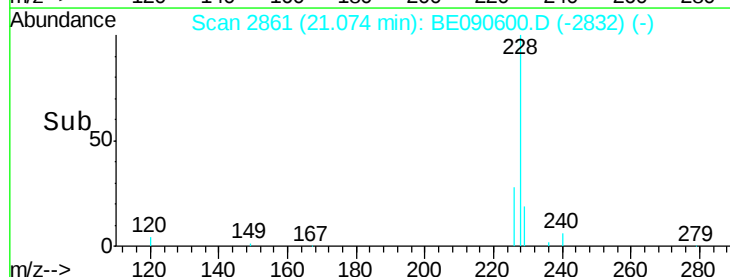
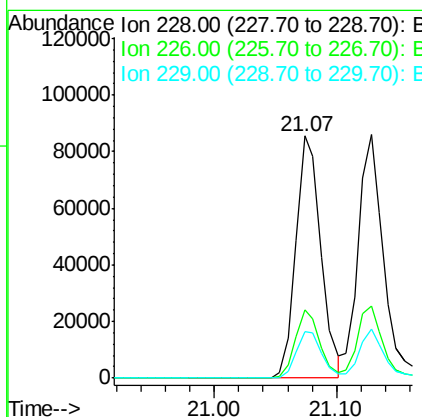
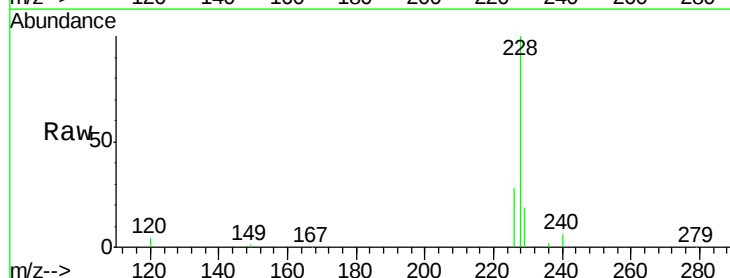
Instrument :
 BNA_E
 ClientSampleId :
 IDOC-S-03

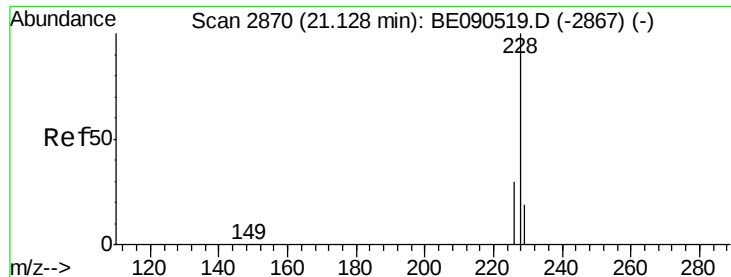
Tgt Ion:244 Resp: 84657
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.6 9.8
 122 12.4 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 3.67 ng
 RT: 21.07 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BE090600.D
 Acq: 24 Aug 2015 14:33

Tgt Ion:228 Resp: 120718
 Ion Ratio Lower Upper
 228 100
 226 28.0 21.9 32.9
 229 19.4 15.4 23.0





#29

Chrysene

Concen: 3.77 ng

RT: 21.13 min Scan# 2869

Delta R.T. 0.00 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

Instrument :

BNA_E

ClientSampleId :

IDOC-S-03

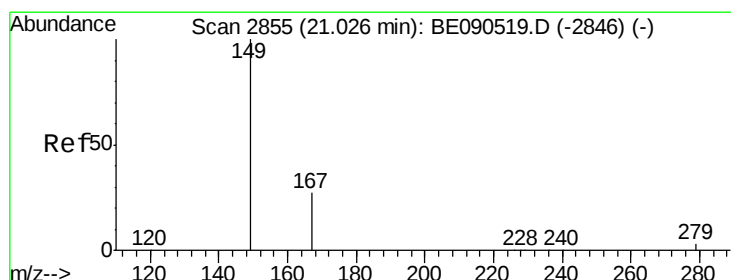
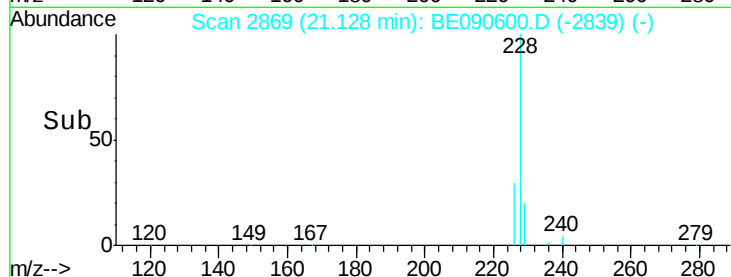
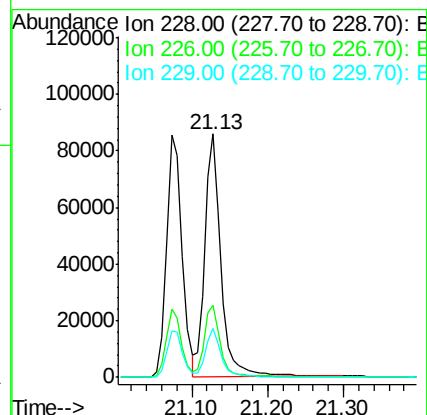
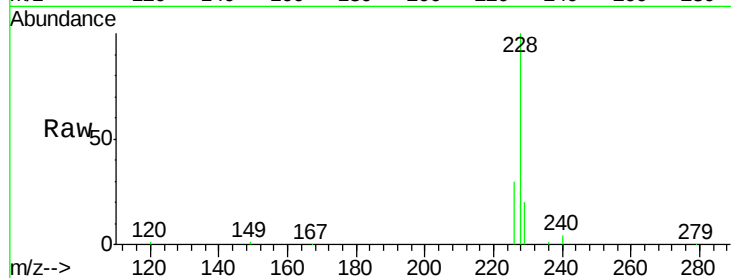
Tgt Ion:228 Resp: 126622

Ion Ratio Lower Upper

228 100

226 29.6 23.1 34.7

229 19.9 15.8 23.8



#30

Bis(2-ethylhexyl)phthalate

Concen: 3.31 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

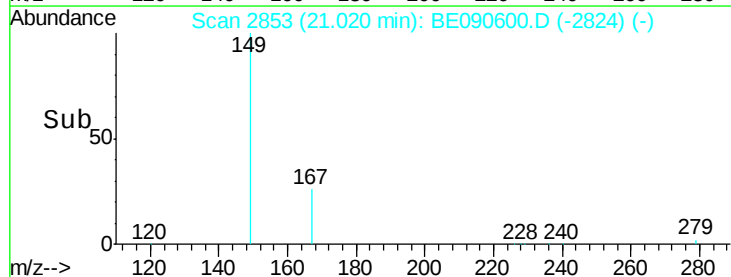
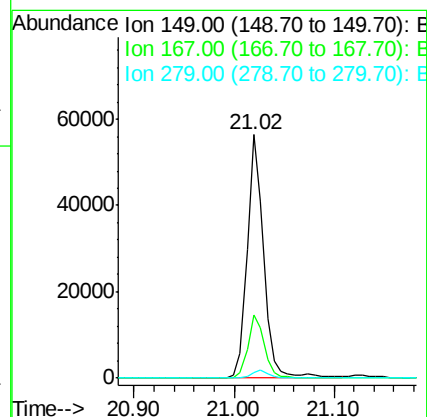
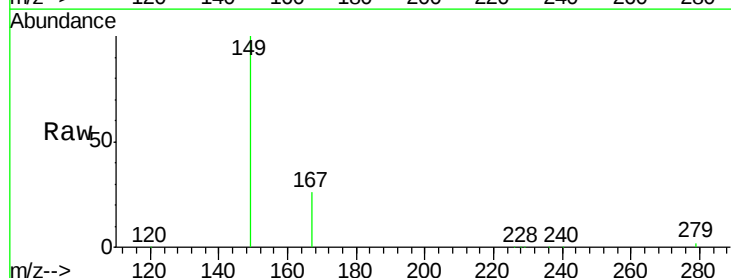
Tgt Ion:149 Resp: 63848

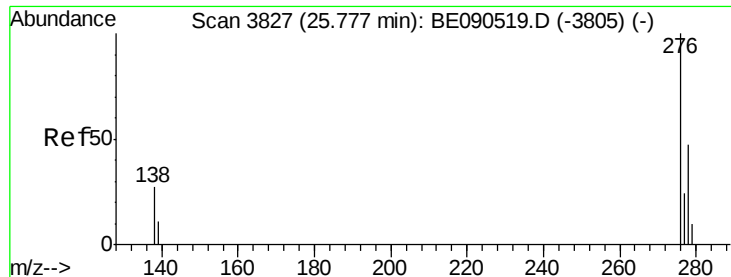
Ion Ratio Lower Upper

149 100

167 25.6 19.8 29.8

279 3.1 2.4 3.6





#31

Indeno(1,2,3-cd)pyrene

Concen: 3.70 ng

RT: 25.78 min Scan# 3827

Delta R.T. 0.01 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

Instrument :

BNA_E

ClientSampleId :

IDOC-S-03

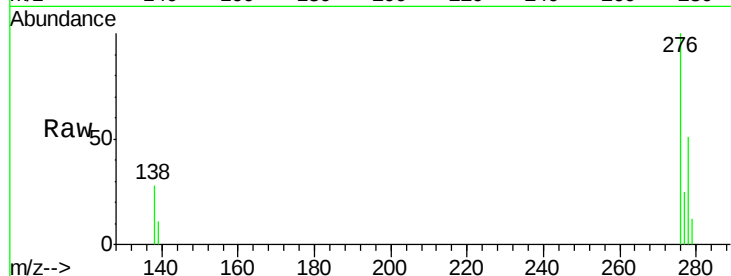
Tgt Ion: 276 Resp: 117039

Ion Ratio Lower Upper

276 100

138 29.1 18.8 28.2#

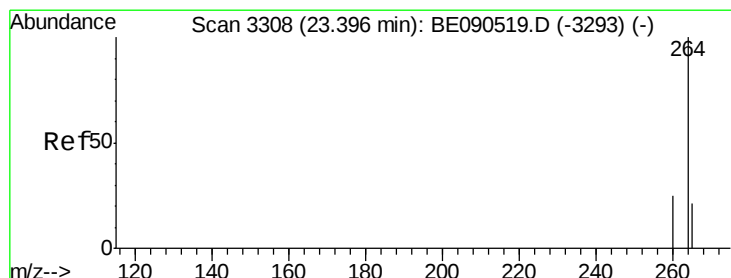
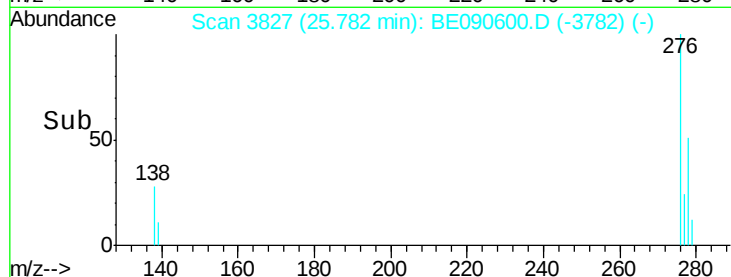
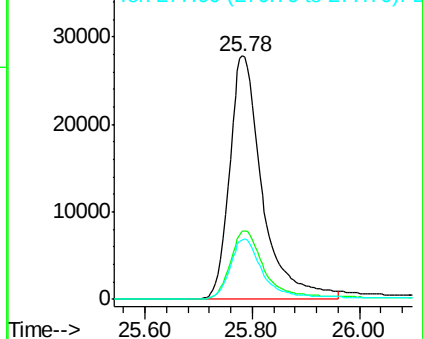
277 24.9 18.2 27.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3307

Delta R.T. 0.00 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

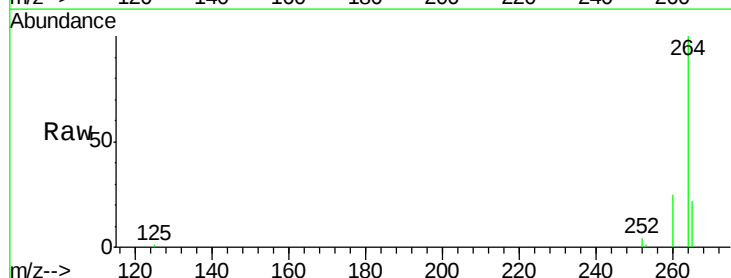
Tgt Ion: 264 Resp: 110188

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

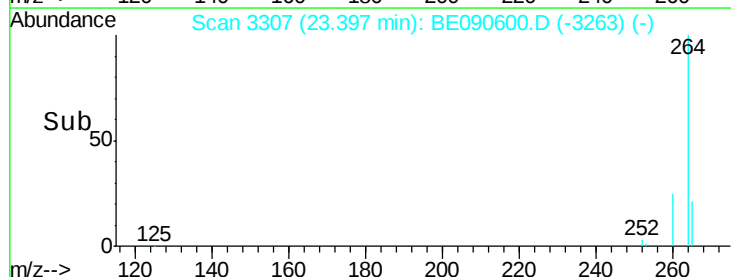
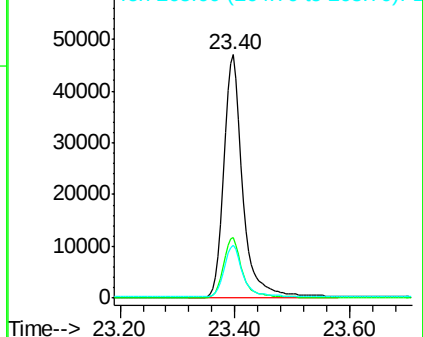
265 21.7 17.2 25.8

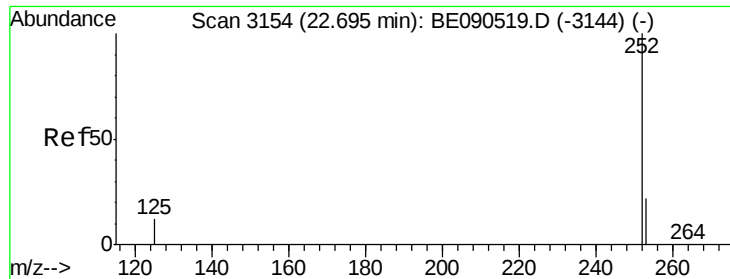


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 3.97 ng

RT: 22.70 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

Instrument :

BNA_E

ClientSampleId :

IDOC-S-03

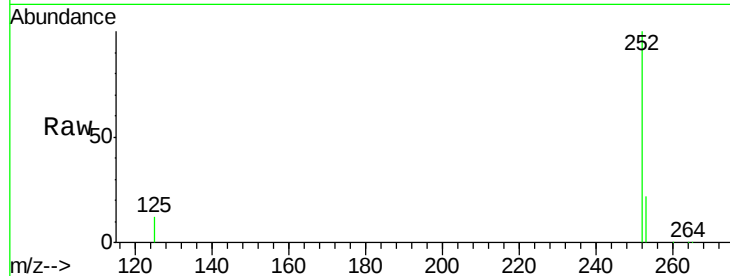
Tgt Ion:252 Resp: 103553

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

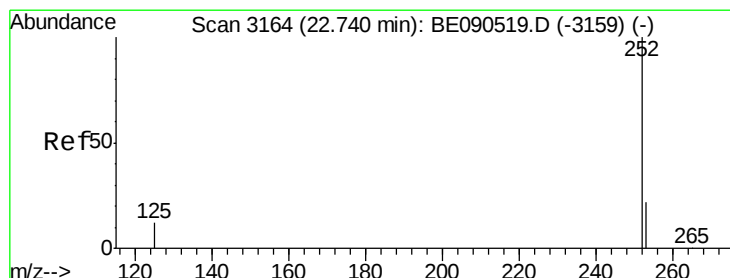
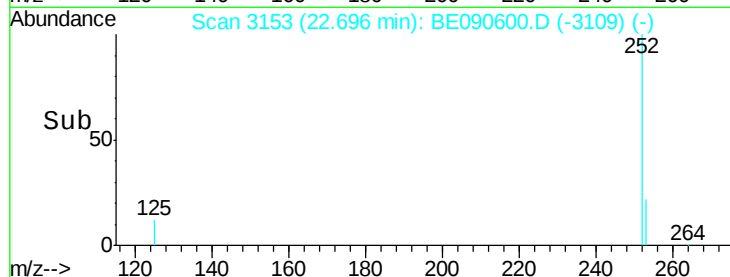
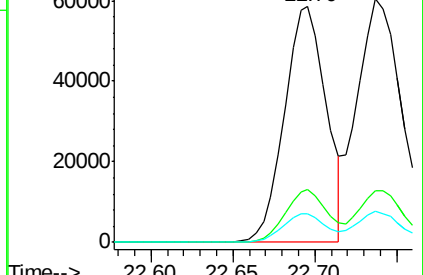
125 12.3 9.4 14.2



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: 4.27 ng

RT: 22.74 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

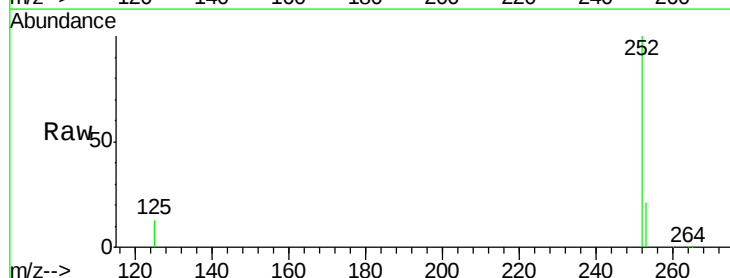
Tgt Ion:252 Resp: 126144

Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

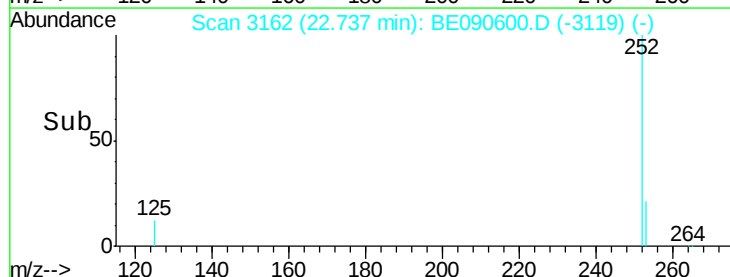
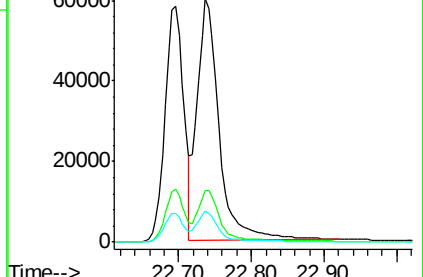
125 12.5 9.1 13.7



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





#35

Benzo(a)pyrene

Concen: 4.39 ng

RT: 23.29 min Scan# 3284

Delta R.T. 0.00 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

Instrument :

BNA_E

ClientSampleId :

IDOC-S-03

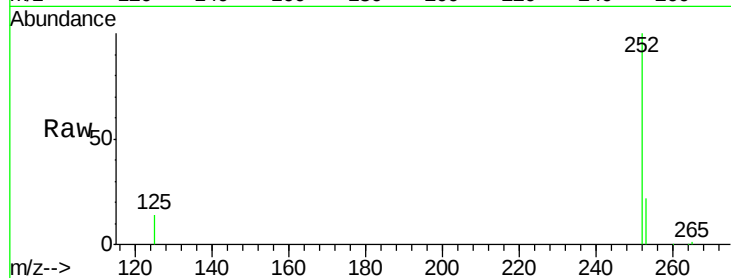
Tgt Ion:252 Resp: 107111

Ion Ratio Lower Upper

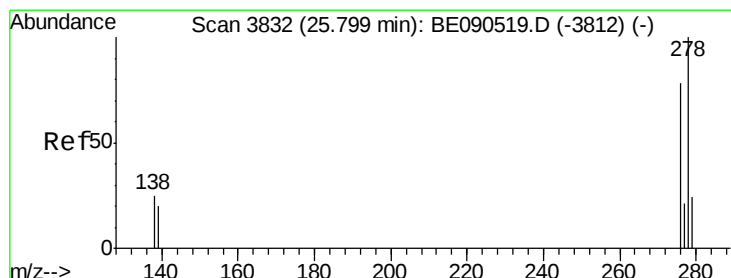
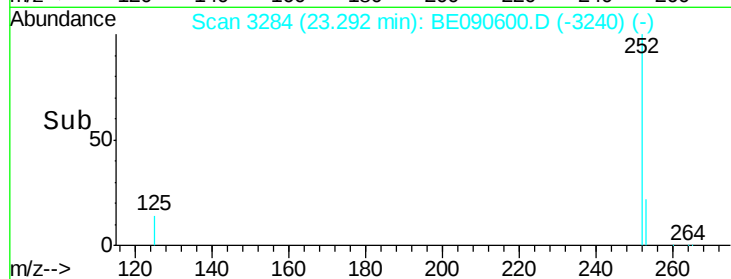
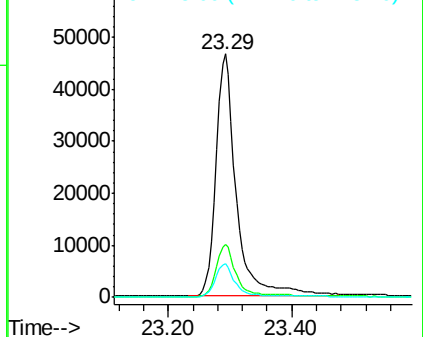
252 100

253 21.9 17.6 26.4

125 13.8 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: 3.97 ng

RT: 25.80 min Scan# 3831

Delta R.T. 0.00 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

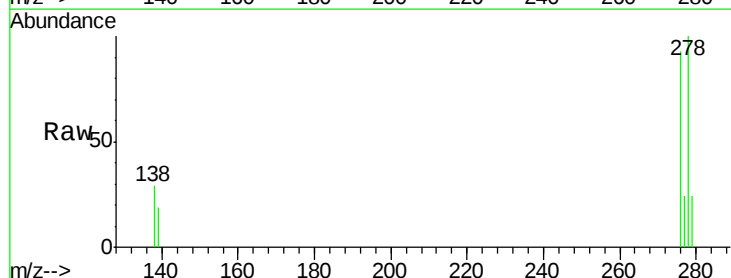
Tgt Ion:278 Resp: 93563

Ion Ratio Lower Upper

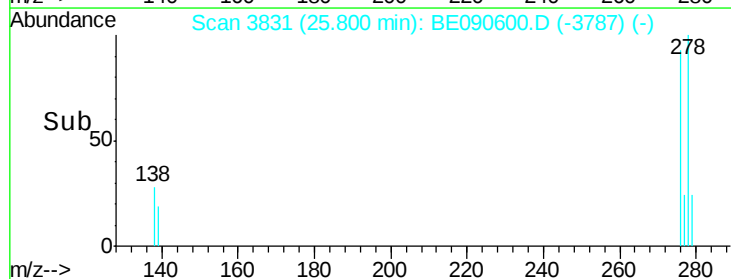
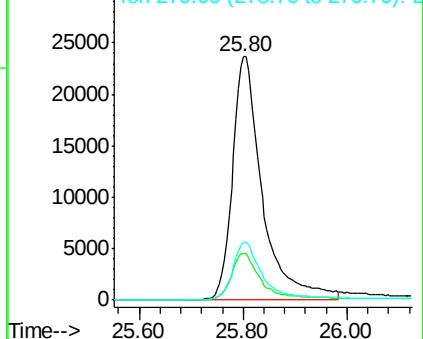
278 100

139 19.3 14.2 21.4

279 23.9 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: 4.04 ng

RT: 26.51 min Scan# 3987

Delta R.T. 0.00 min

Lab File: BE090600.D

Acq: 24 Aug 2015 14:33

Instrument :

BNA_E

ClientSampleId :

IDOC-S-03

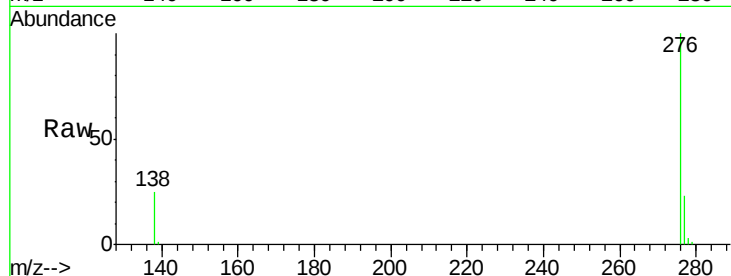
Tgt Ion: 276 Resp: 104069

Ion Ratio Lower Upper

276 100

277 23.5 20.1 30.1

138 25.1 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

