

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082415\
 Data File : BE090607.D
 Acq On : 24 Aug 2015 18:47
 Operator : UM/IZ
 Sample : IDOC-W-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 IDOC-W-04

Quant Time: Aug 24 23:00:39 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	14528	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	66802	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	38369	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	93461	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	114129	5.00	ng	0.00
32) Perylene-d12	23.40	264	97688	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	22117	5.27	ng	0.00
5) Phenol-d6	6.77	99	30972	5.02	ng	0.00
7) Nitrobenzene-d5	8.72	82	16432	3.09	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	10758	7.29	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	35657	3.11	ng	0.00
27) Terphenyl-d14	19.55	244	62773	3.01	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	6265	3.79	ng	97
3) n-Nitrosodimethylamine	3.48	42	7508	3.00	ng	# 77
8) Nitrobenzene	8.76	77	16403	2.97	ng	96
9) Naphthalene	10.38	128	43842	2.89	ng	98
10) Hexachlorobutadiene	10.67	225	6667	2.99	ng	99
11) 2-Methylnaphthalene	12.00	142	30077	3.04	ng	97
15) Acenaphthylene	13.91	152	210168	3.00	ng	100
16) Acenaphthene	14.25	154	31382	2.98	ng	84
17) Fluorene	15.24	166	43486	3.36	ng	97
19) 4-Bromophenyl-phenylether	16.14	248	11942	3.13	ng	82
20) Hexachlorobenzene	16.25	284	53235	3.14	ng	95
21) Pentachlorophenol	16.60	266	10667	5.24	ng	90
22) Phenanthrene	16.98	178	79409	3.24	ng	99
23) Anthracene	17.07	178	75784	3.36	ng	100
24) Fluoranthene	18.98	202	91682	3.51	ng	99
26) Pyrene	19.34	202	99344	3.04	ng	99
28) Benzo(a)anthracene	21.08	228	93440	3.11	ng	98
29) Chrysene	21.13	228	94986	3.10	ng	97
30) Bis(2-ethylhexyl)phthalate	21.02	149	40473	2.33	ng	98
31) Indeno(1,2,3-cd)pyrene	25.79	276	84561	2.93	ng	# 92
33) Benzo(b)fluoranthene	22.70	252	77921	3.37	ng	99
34) Benzo(k)fluoranthene	22.74	252	92955	3.55	ng	99
35) Benzo(a)pyrene	23.29	252	79147	3.66	ng	98
36) Dibenzo(a,h)anthracene	25.81	278	66823	3.20	ng	97
37) Benzo(g,h,i)perylene	26.52	276	75123	3.29	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. -0.00 min

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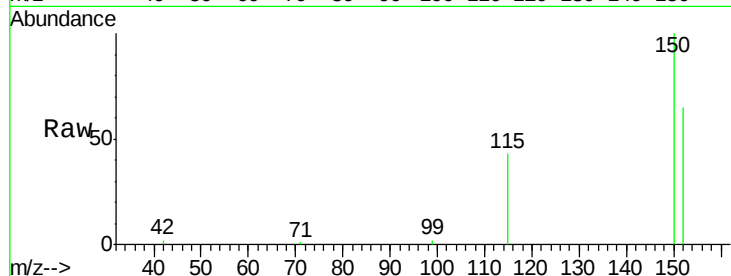
Tgt Ion:152 Resp: 14528

Ion Ratio Lower Upper

152 100

150 153.5 123.0 184.4

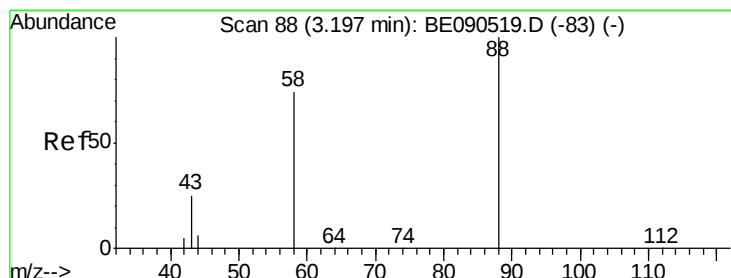
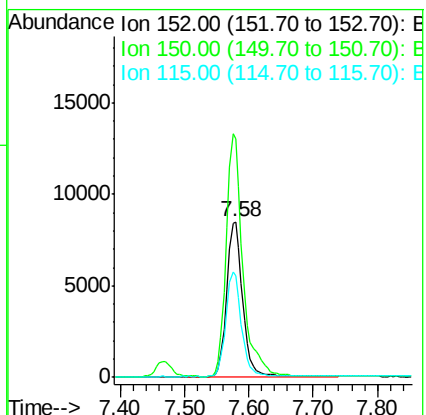
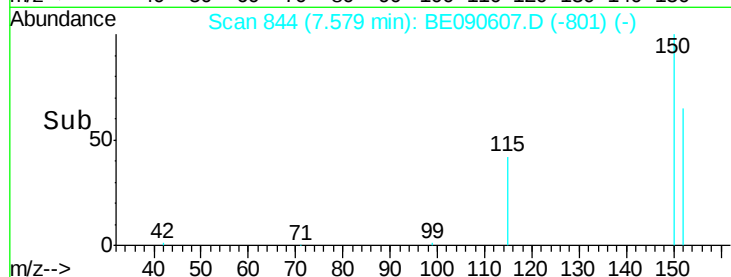
115 65.4 48.9 73.3



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: 3.79 ng

RT: 3.19 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE090607.D

Acq: 24 Aug 2015 18:47

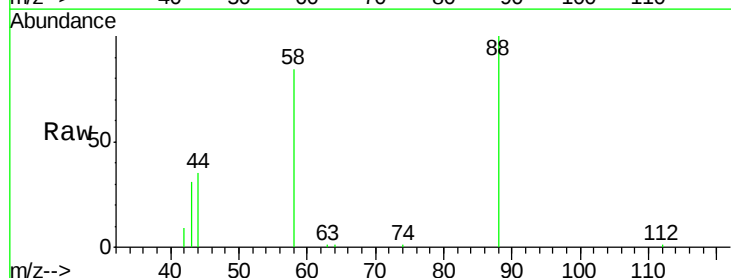
Tgt Ion: 88 Resp: 6265

Ion Ratio Lower Upper

88 100

58 85.4 70.0 105.0

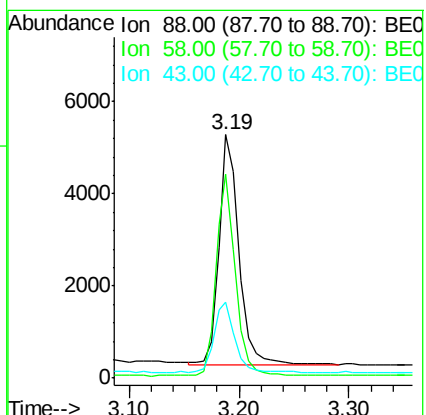
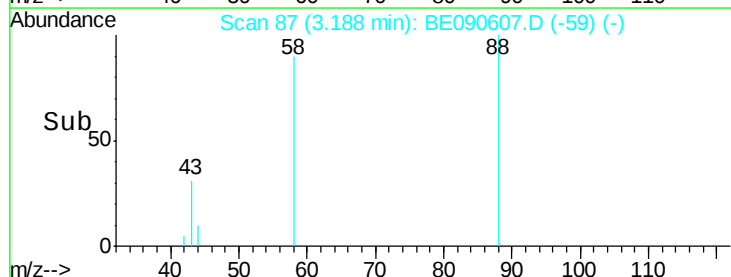
43 32.1 28.4 42.6

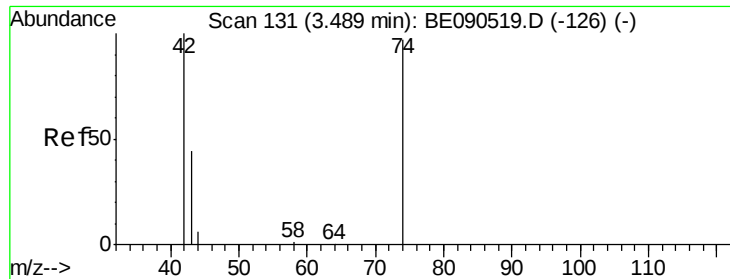


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.00 ng

RT: 3.48 min Scan# 130

Delta R.T. -0.01 min

Lab File: BE090607.D

Acq: 24 Aug 2015 18:47

Instrument :

BNA_E

ClientSampleId :

IDOC-W-04

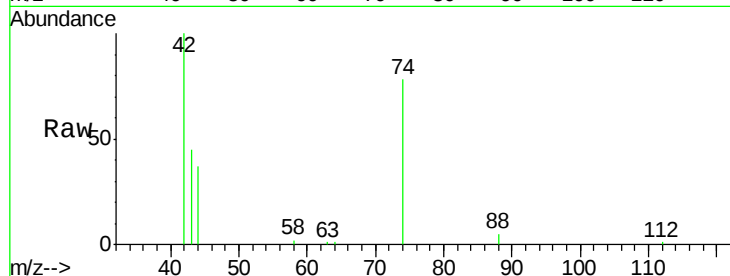
Tgt Ion: 42 Resp: 7508

Ion Ratio Lower Upper

42 100

74 118.3 75.2 112.8#

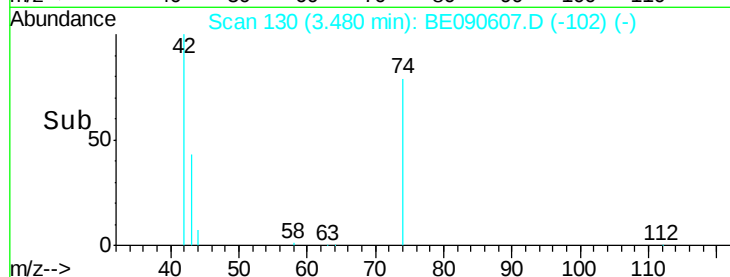
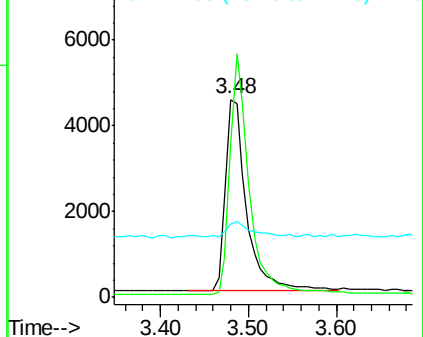
44 9.0 8.7 13.1



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: 5.27 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090607.D

Acq: 24 Aug 2015 18:47

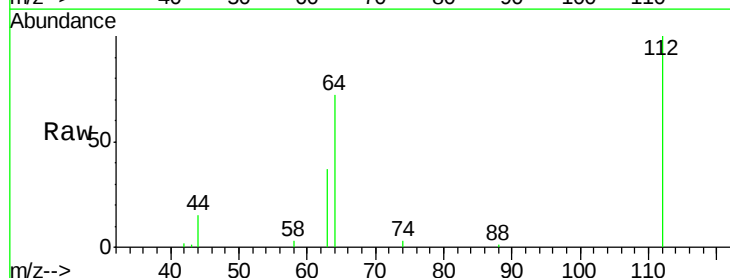
Tgt Ion: 112 Resp: 22117

Ion Ratio Lower Upper

112 100

64 69.8 37.1 55.7#

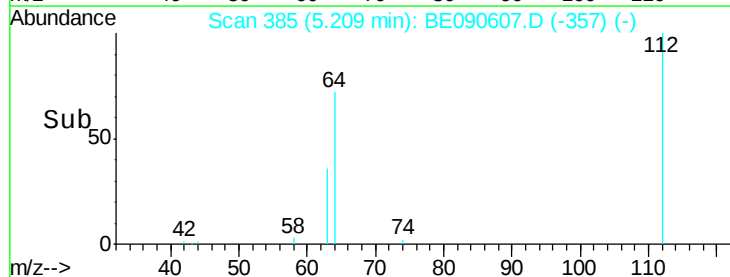
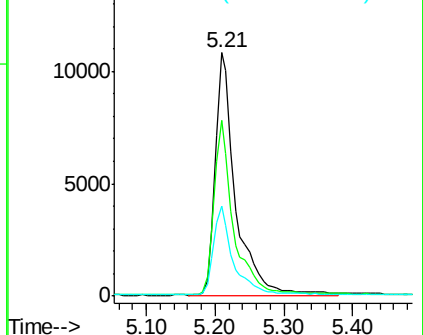
63 35.8 19.5 29.3#

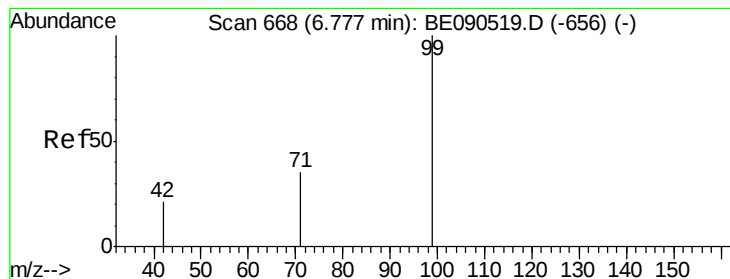


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 5.02 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090607.D

Acq: 24 Aug 2015 18:47

Instrument :

BNA_E

ClientSampleId :

IDOC-W-04

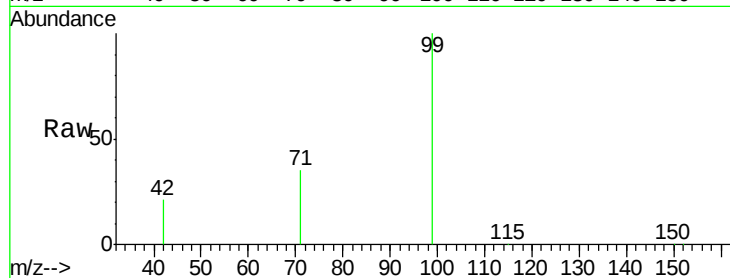
Tgt Ion: 99 Resp: 30972

Ion Ratio Lower Upper

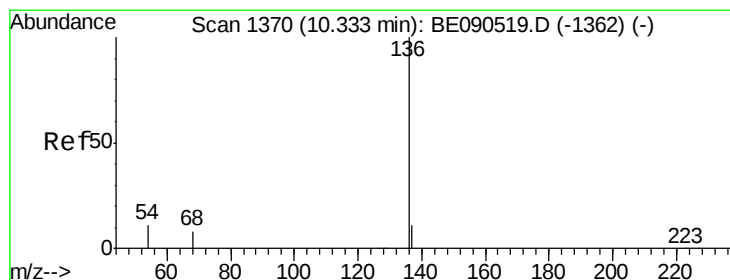
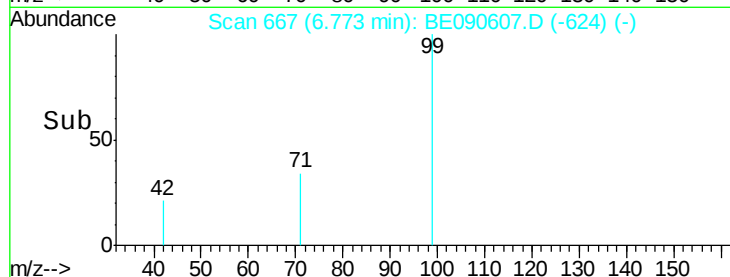
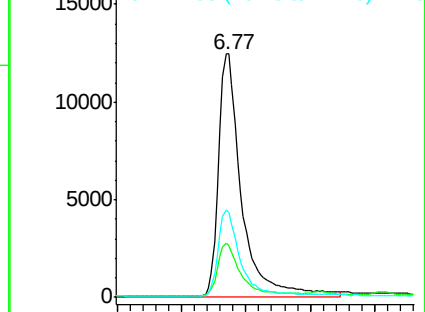
99 100

42 21.1 18.2 27.4

71 35.5 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: BE090607.D

Acq: 24 Aug 2015 18:47

Tgt Ion: 136 Resp: 66802

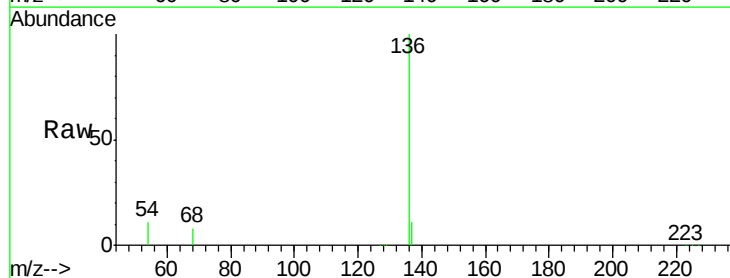
Ion Ratio Lower Upper

136 100

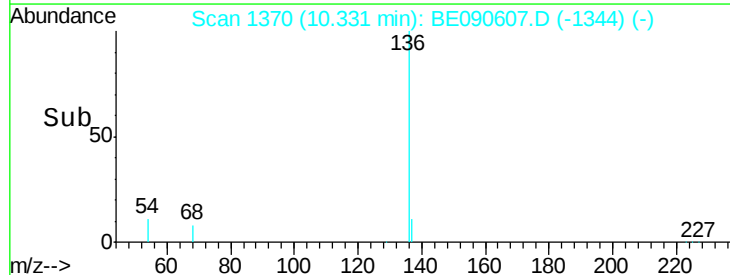
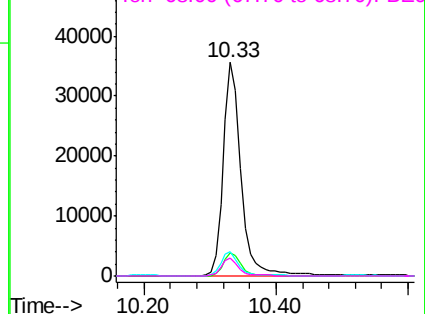
137 11.0 8.7 13.1

54 11.1 9.4 14.0

68 8.2 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: 3.09 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE090607.D

Acq: 24 Aug 2015 18:47

Instrument :

BNA_E

ClientSampleId :

IDOC-W-04

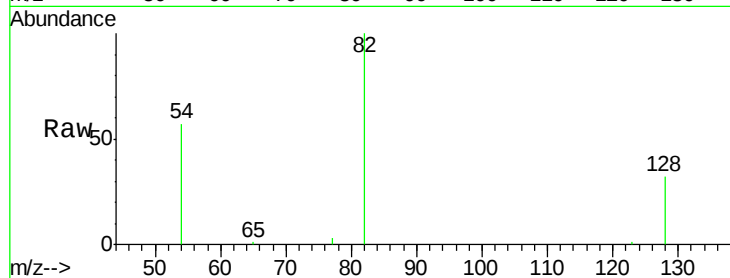
Tgt Ion: 82 Resp: 16432

Ion Ratio Lower Upper

82 100

128 31.8 25.0 37.6

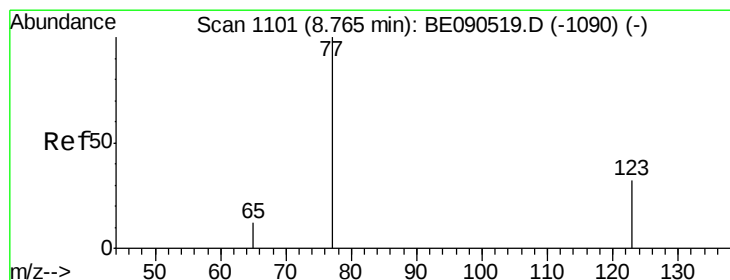
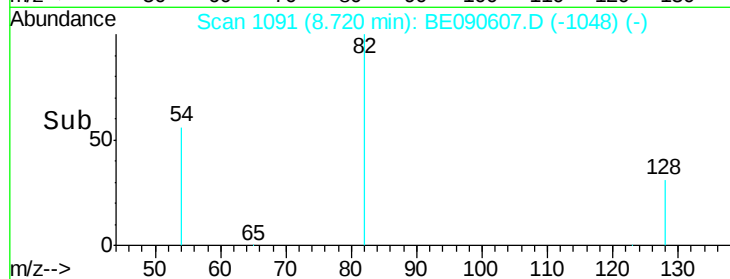
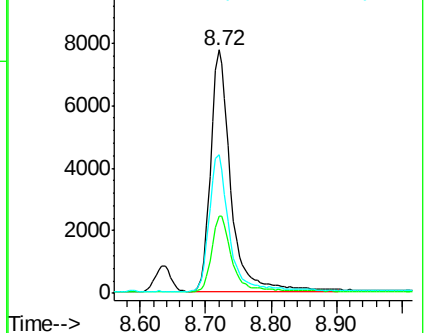
54 57.0 48.8 73.2



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: 2.97 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE090607.D

Acq: 24 Aug 2015 18:47

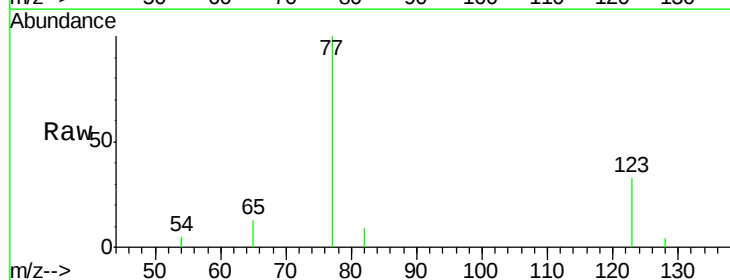
Tgt Ion: 77 Resp: 16403

Ion Ratio Lower Upper

77 100

123 34.1 25.1 37.7

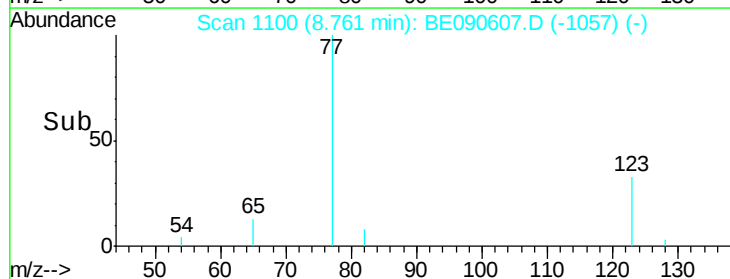
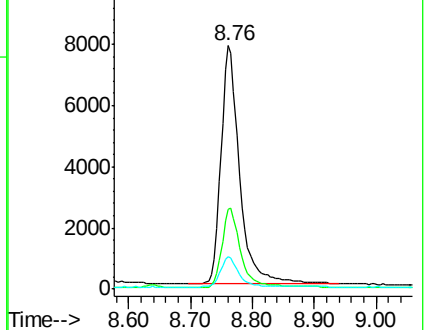
65 12.5 9.3 13.9



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: 2.89 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BE090607.D

Acq: 24 Aug 2015 18:47

Instrument :

BNA_E

ClientSampleId :

IDOC-W-04

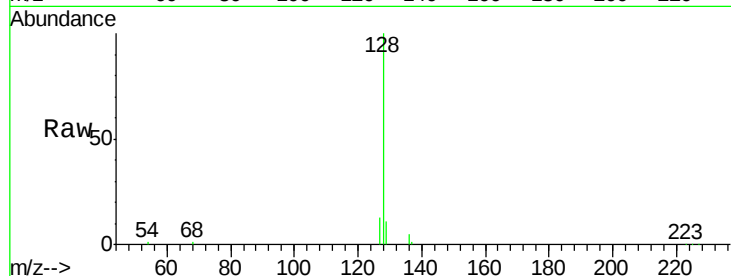
Tgt Ion:128 Resp: 43842

Ion Ratio Lower Upper

128 100

129 11.3 9.8 14.6

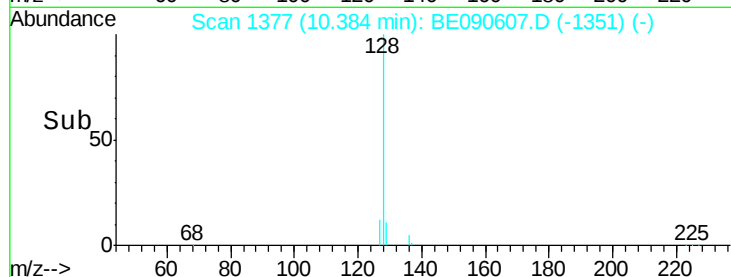
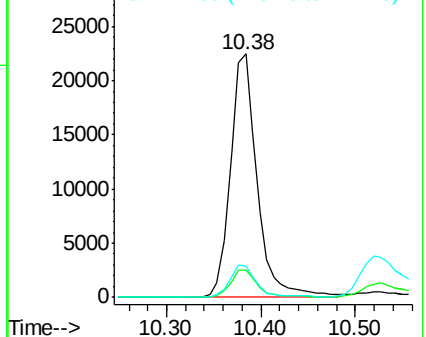
127 12.6 10.6 16.0



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: 2.99 ng

RT: 10.67 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE090607.D

Acq: 24 Aug 2015 18:47

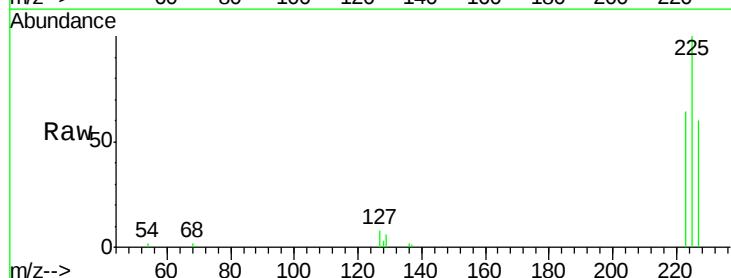
Tgt Ion:225 Resp: 6667

Ion Ratio Lower Upper

225 100

223 62.7 50.6 75.8

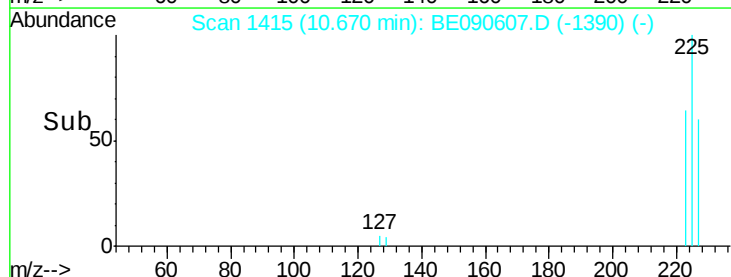
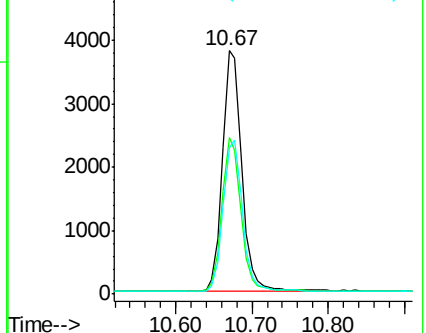
227 63.7 50.7 76.1



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: 3.04 ng

RT: 12.00 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BE090607.D

Acq: 24 Aug 2015 18:47

Instrument :

BNA_E

ClientSampleId :

IDOC-W-04

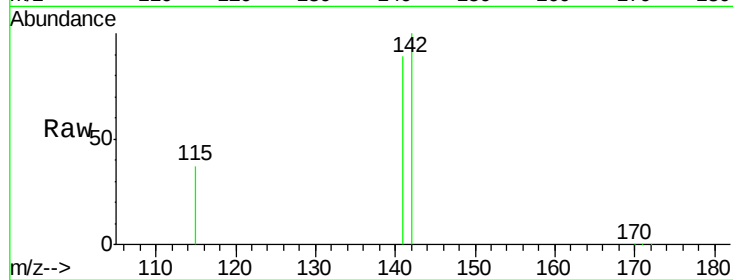
Tgt Ion:142 Resp: 30077

Ion Ratio Lower Upper

142 100

141 89.1 72.6 109.0

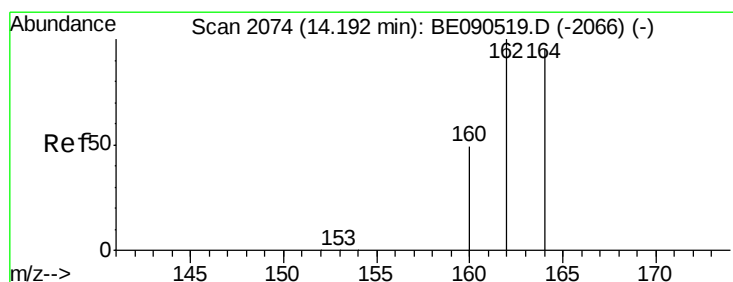
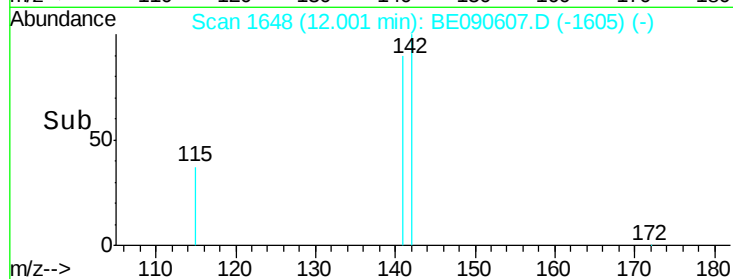
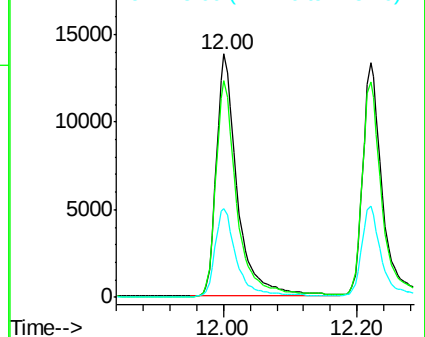
115 36.7 31.6 47.4



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: BE090607.D

Acq: 24 Aug 2015 18:47

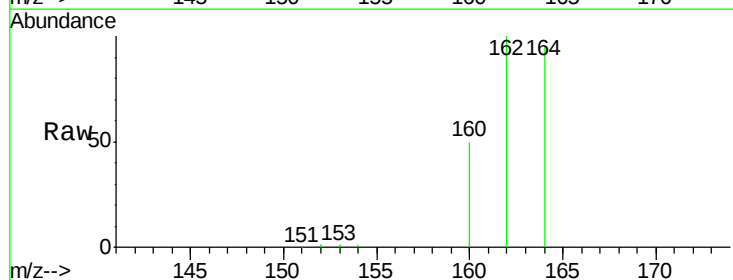
Tgt Ion:164 Resp: 38369

Ion Ratio Lower Upper

164 100

162 104.9 81.8 122.8

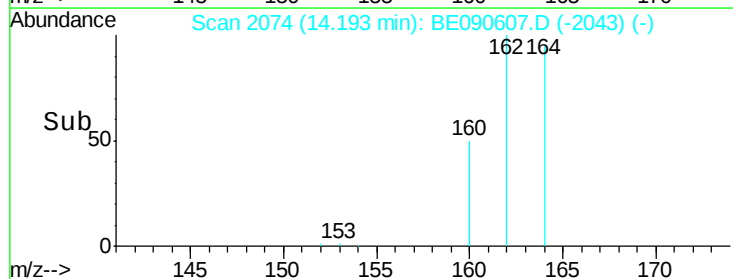
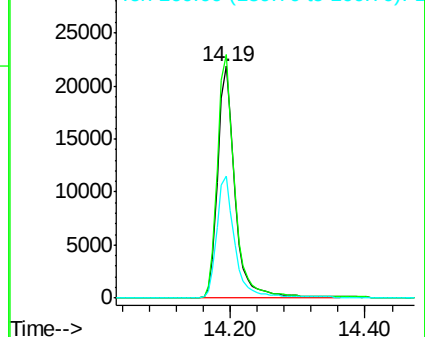
160 52.6 44.2 66.4



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

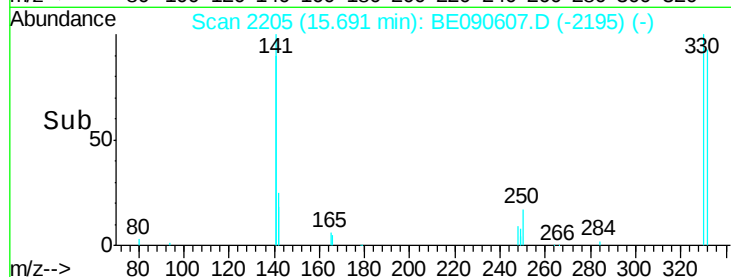
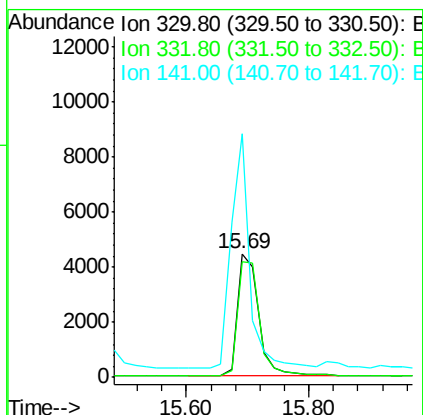
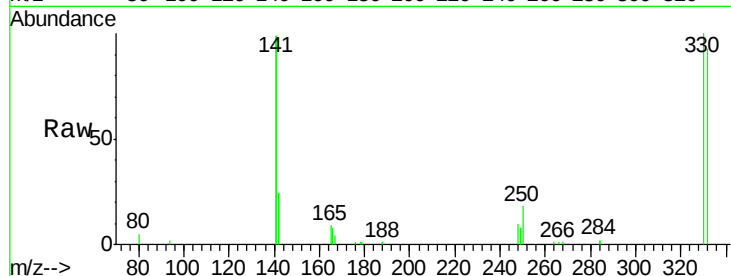




#13
 2,4,6-Tribromophenol
 Concen: 7.29 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090607.D
 Acq: 24 Aug 2015 18:47

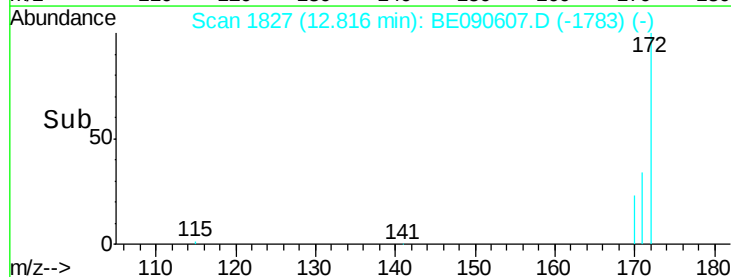
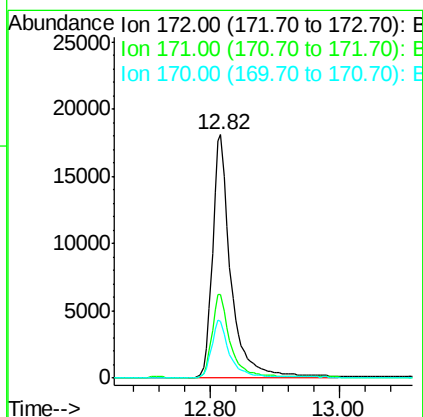
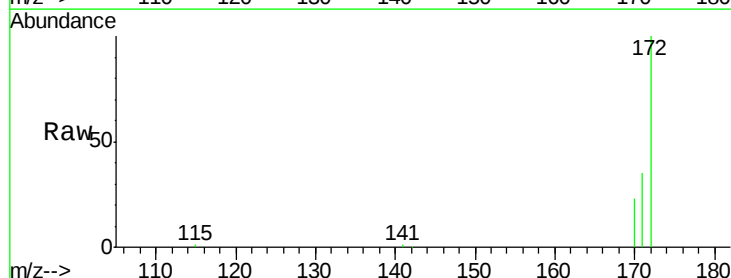
Instrument :
 BNA_E
 ClientSampleId :
 IDOC-W-04

Tgt Ion: 330 Resp: 10758
 Ion Ratio Lower Upper
 330 100
 332 97.6 75.8 113.6
 141 167.3 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 3.11 ng
 RT: 12.82 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BE090607.D
 Acq: 24 Aug 2015 18:47

Tgt Ion: 172 Resp: 35657
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.5 42.7
 170 23.1 19.8 29.8





#15

Acenaphthylene

Concen: 3.00 ng

RT: 13.91 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BE090607.D

Acq: 24 Aug 2015 18:47

Instrument :

BNA_E

ClientSampleId :

IDOC-W-04

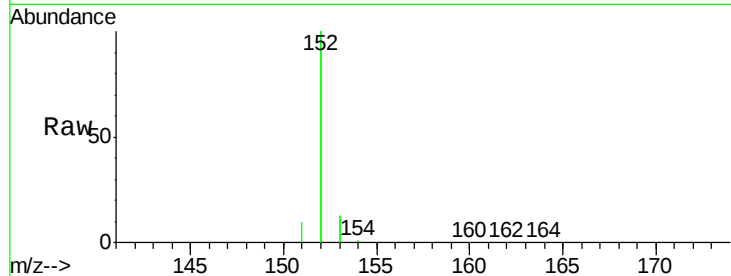
Tgt Ion:152 Resp: 210168

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

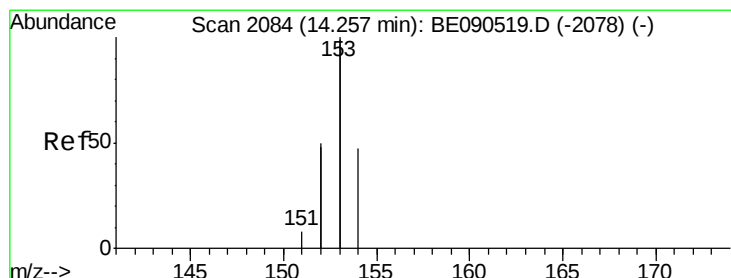
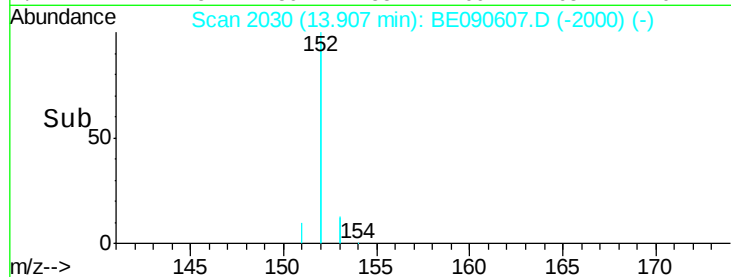
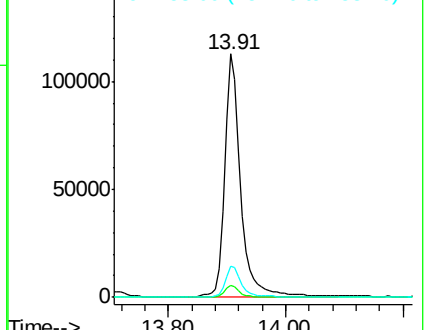
153 12.9 10.3 15.5



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: 2.98 ng

RT: 14.25 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BE090607.D

Acq: 24 Aug 2015 18:47

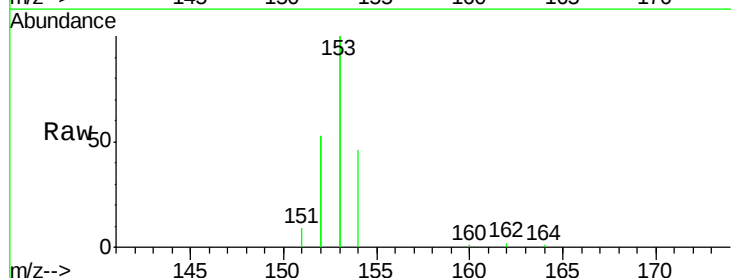
Tgt Ion:154 Resp: 31382

Ion Ratio Lower Upper

154 100

153 451.0 376.2 564.2

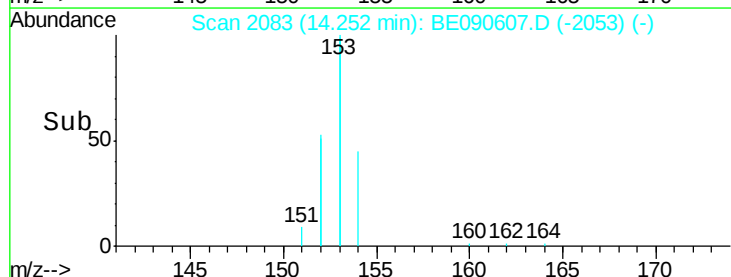
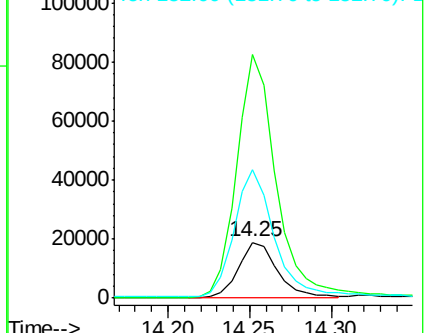
152 238.0 235.0 352.4



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

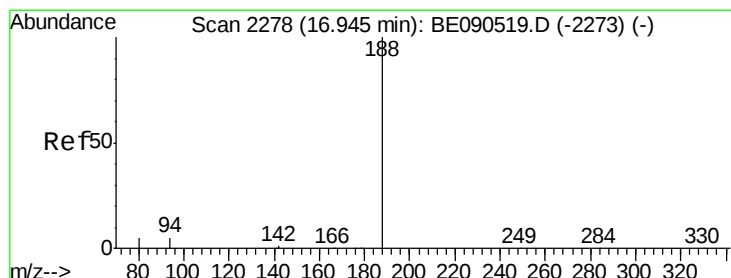
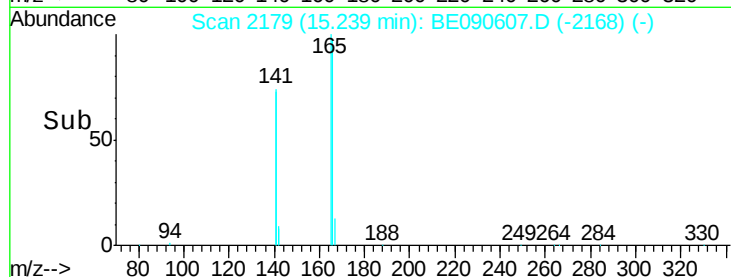
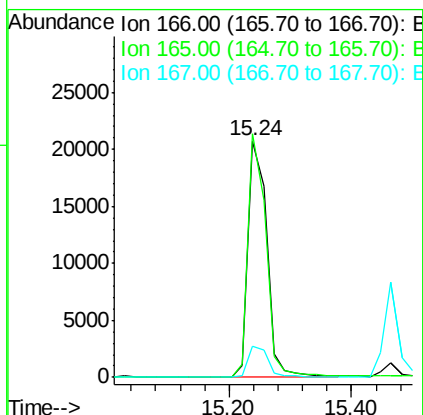
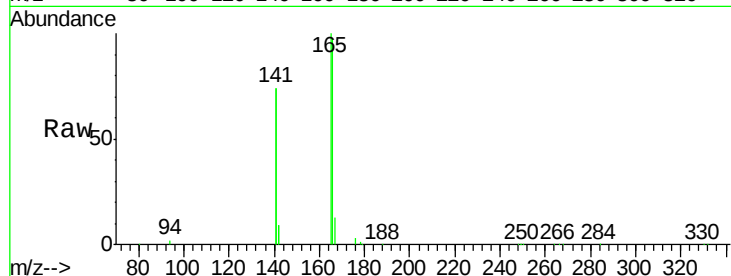




#17
Fluorene
 Concen: 3.36 ng
 RT: 15.24 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BE090607.D
 Acq: 24 Aug 2015 18:47

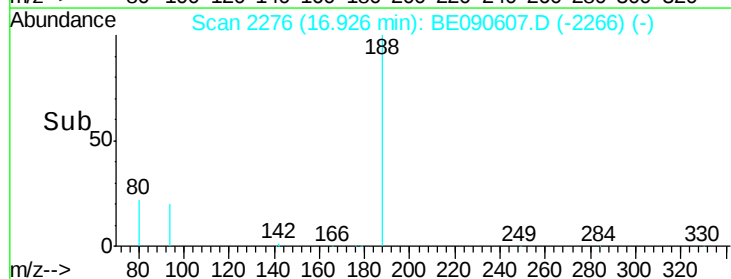
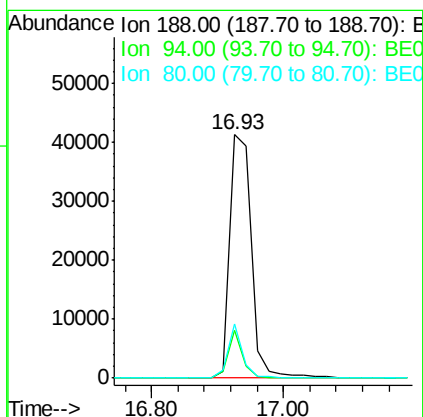
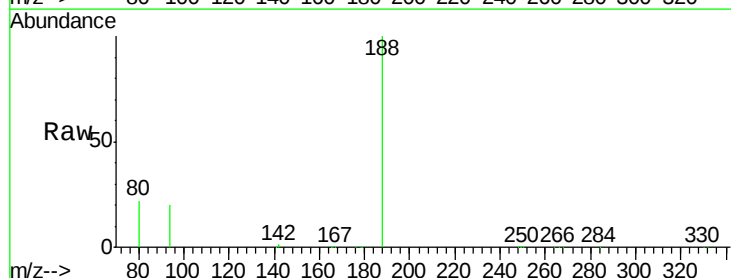
Instrument :
 BNA_E
 ClientSampleId :
 IDOC-W-04

Tgt Ion:166 Resp: 43486
 Ion Ratio Lower Upper
 166 100
 165 98.7 81.5 122.3
 167 13.5 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: BE090607.D
 Acq: 24 Aug 2015 18:47

Tgt Ion:188 Resp: 93461
 Ion Ratio Lower Upper
 188 100
 94 19.9 5.7 8.5#
 80 22.2 5.8 8.8#





#19

4-Bromophenyl-phenylether

Concen: 3.13 ng

RT: 16.14 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BE090607.D

Acq: 24 Aug 2015 18:47

Instrument :

BNA_E

ClientSampleId :

IDOC-W-04

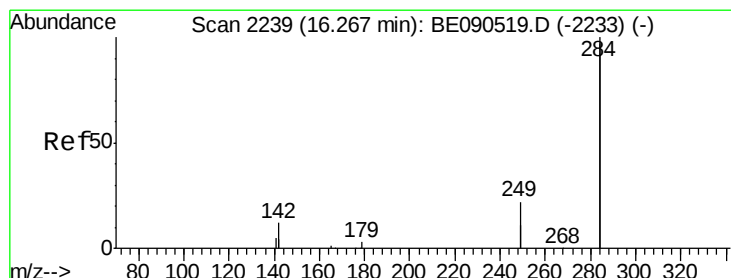
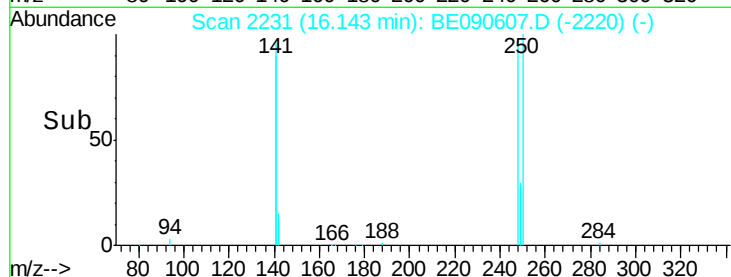
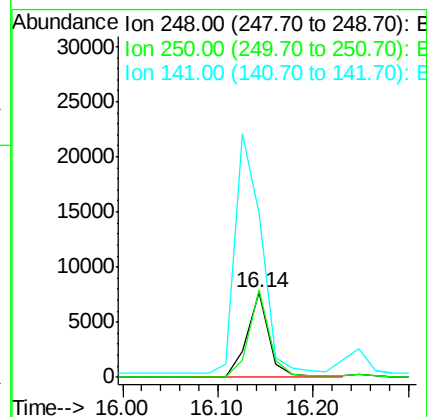
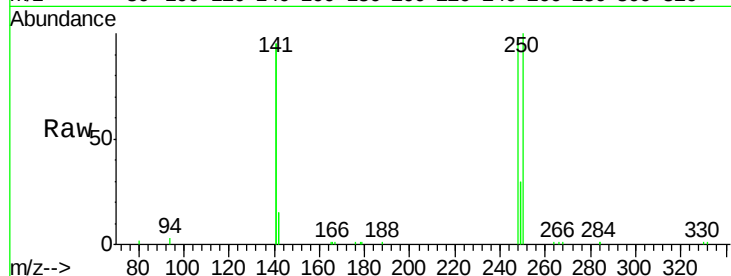
Tgt Ion:248 Resp: 11942

Ion Ratio Lower Upper

248 100

250 98.4 79.0 118.6

141 346.0 239.5 359.3



#20

Hexachlorobenzene

Concen: 3.14 ng

RT: 16.25 min Scan# 2237

Delta R.T. -0.02 min

Lab File: BE090607.D

Acq: 24 Aug 2015 18:47

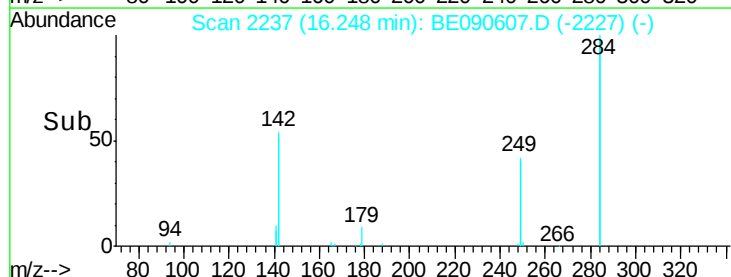
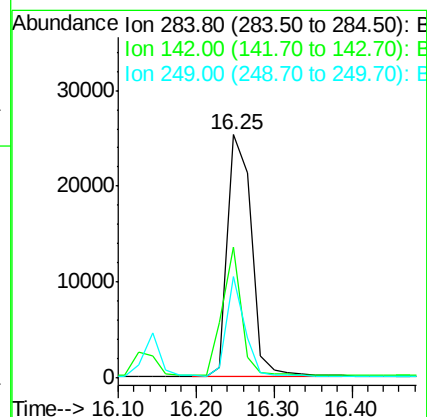
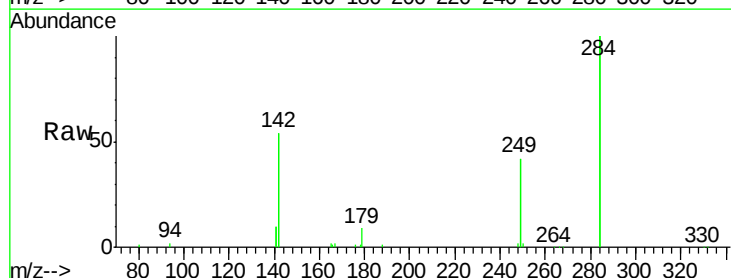
Tgt Ion:284 Resp: 53235

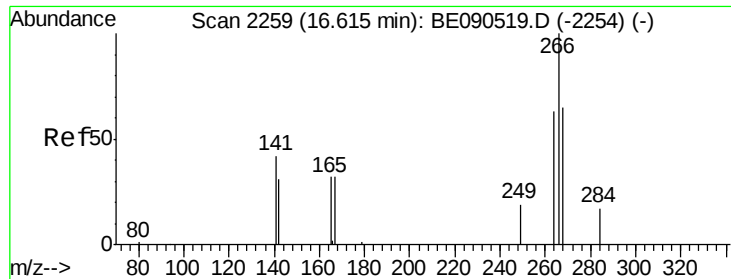
Ion Ratio Lower Upper

284 100

142 42.1 30.1 45.1

249 31.5 25.7 38.5

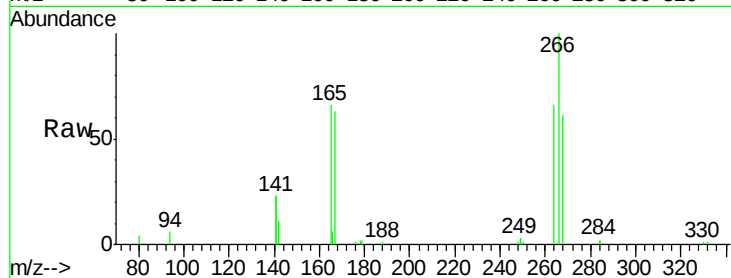




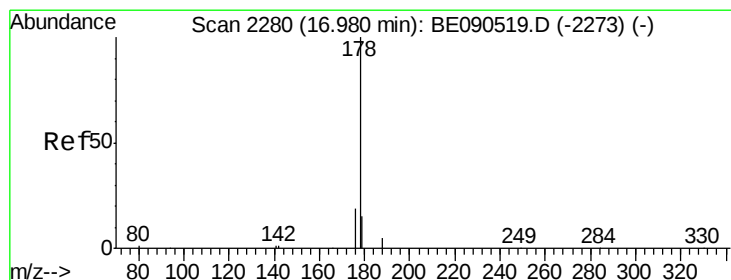
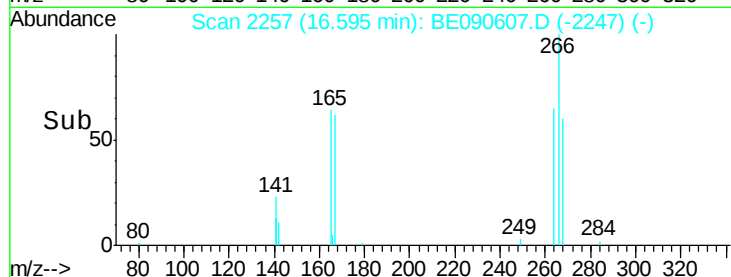
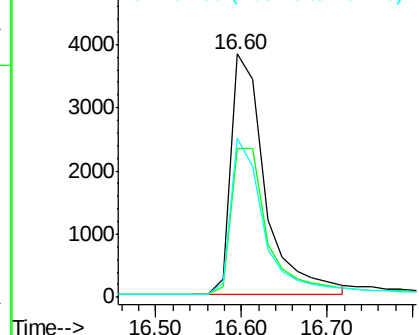
#21
 Pentachlorophenol
 Concen: 5.24 ng
 RT: 16.60 min Scan# 2257
 Delta R.T. -0.02 min
 Lab File: BE090607.D
 Acq: 24 Aug 2015 18:47

Instrument :
 BNA_E
 ClientSampleId :
 IDOC-W-04

Tgt Ion: 266 Resp: 10667
 Ion Ratio Lower Upper
 266 100
 268 61.1 58.5 87.7
 264 65.6 56.0 84.0

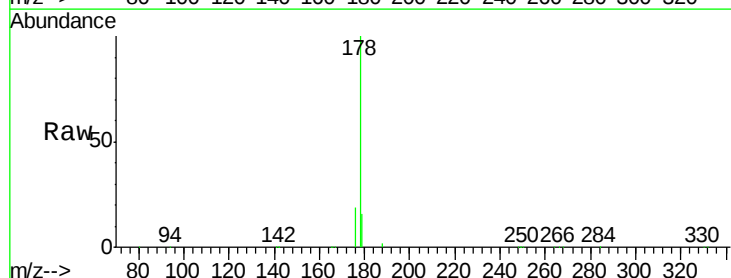


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

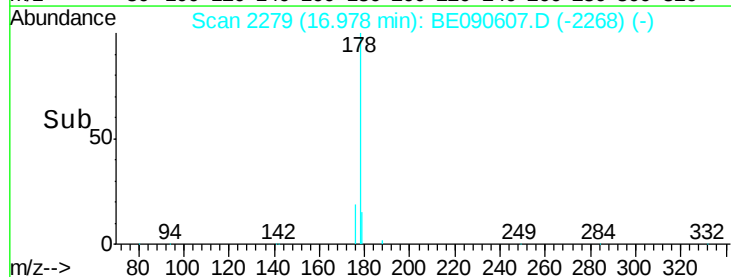
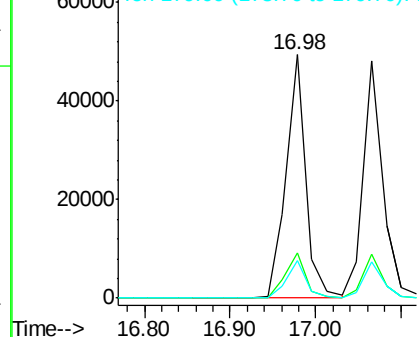


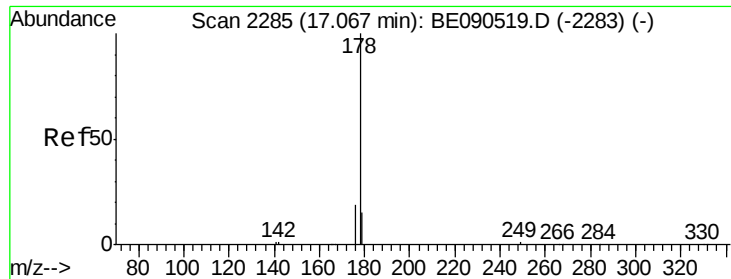
#22
 Phenanthrene
 Concen: 3.24 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE090607.D
 Acq: 24 Aug 2015 18:47

Tgt Ion: 178 Resp: 79409
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.3 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: 3.36 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090607.D

Acq: 24 Aug 2015 18:47

Instrument :

BNA_E

ClientSampleId :

IDOC-W-04

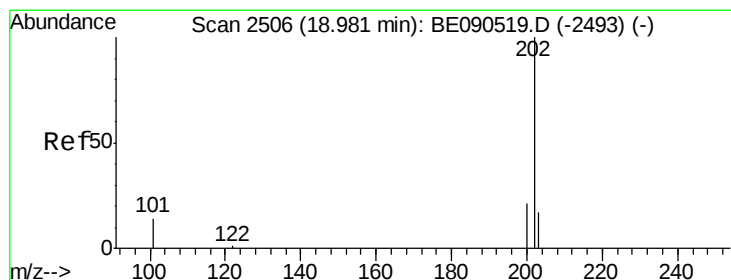
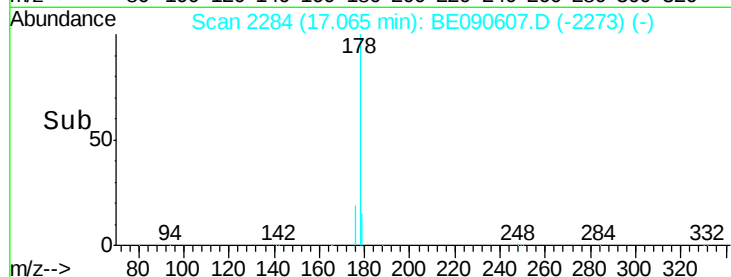
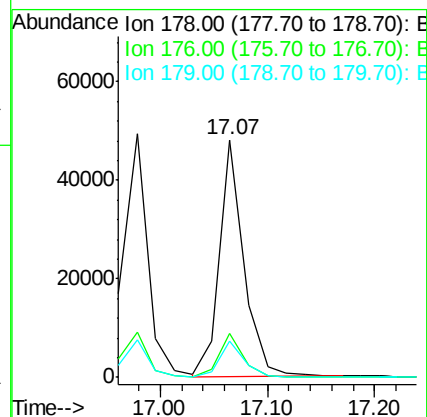
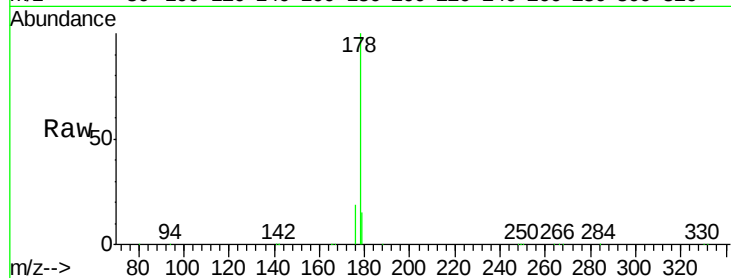
Tgt Ion:178 Resp: 75784

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.3 12.2 18.4



#24

Fluoranthene

Concen: 3.51 ng

RT: 18.98 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BE090607.D

Acq: 24 Aug 2015 18:47

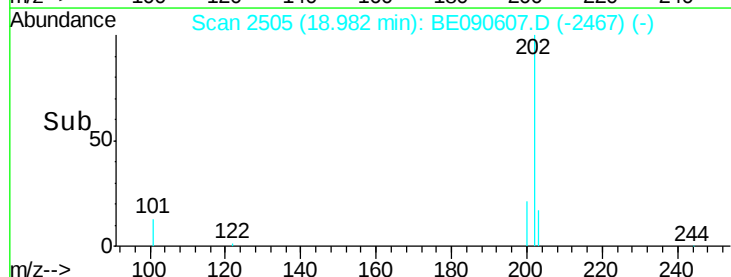
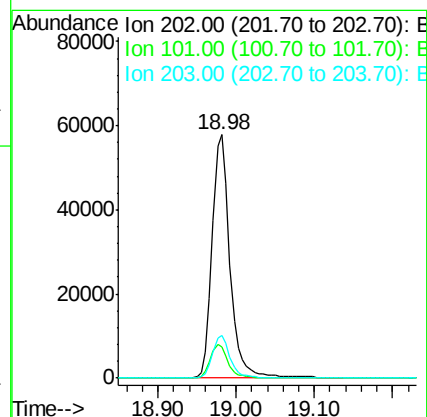
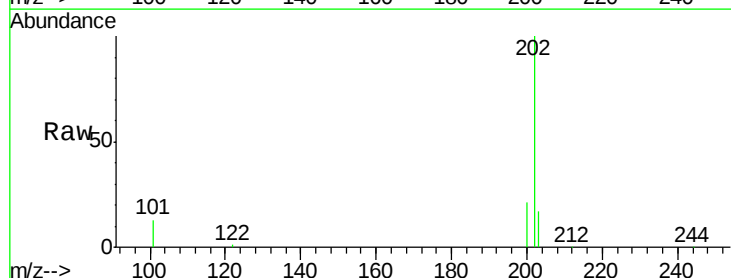
Tgt Ion:202 Resp: 91682

Ion Ratio Lower Upper

202 100

101 13.8 10.3 15.5

203 17.1 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: BE090607.D

Acq: 24 Aug 2015 18:47

Instrument :

BNA_E

ClientSampleId :

IDOC-W-04

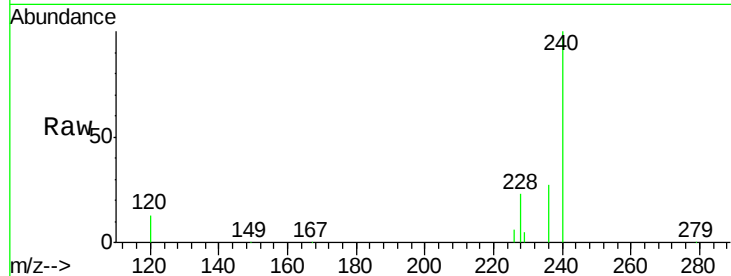
Tgt Ion:240 Resp: 114129

Ion Ratio Lower Upper

240 100

120 13.1 8.3 12.5#

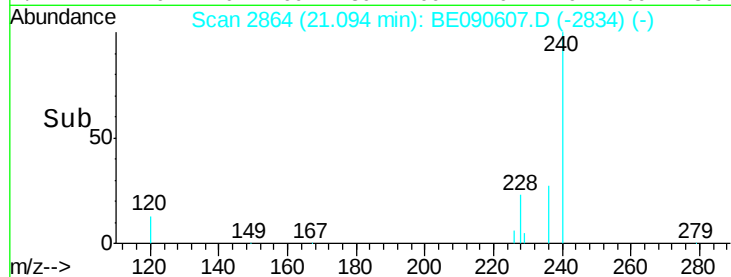
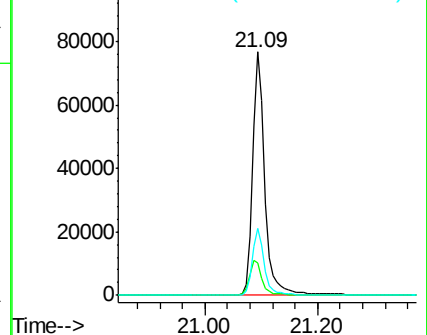
236 27.3 21.0 31.4



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: 3.04 ng

RT: 19.34 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BE090607.D

Acq: 24 Aug 2015 18:47

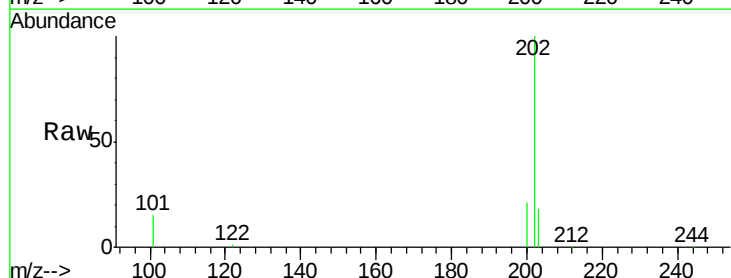
Tgt Ion:202 Resp: 99344

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

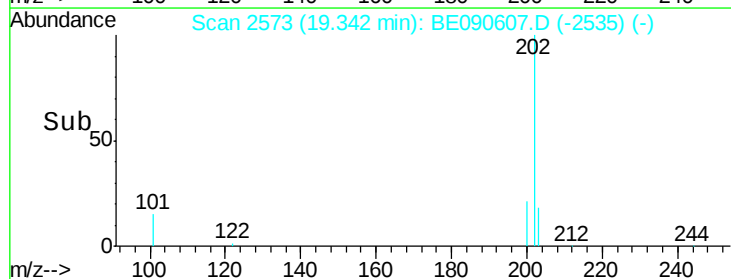
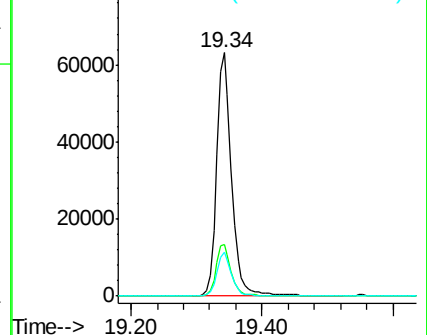
203 17.8 13.8 20.8



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

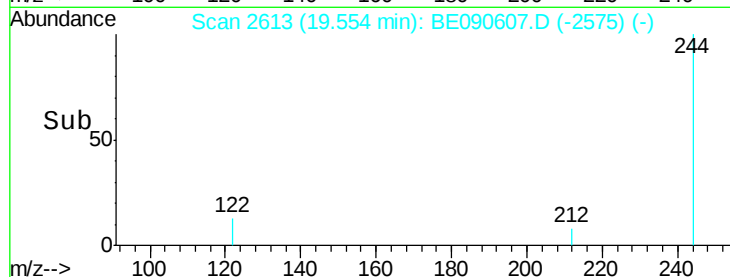
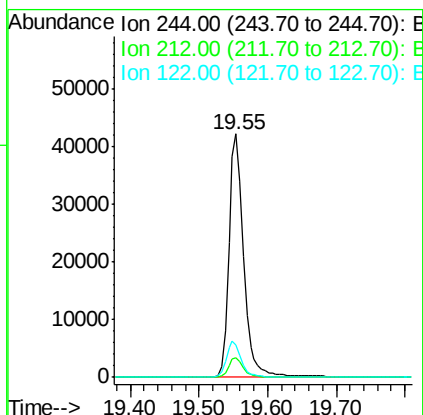
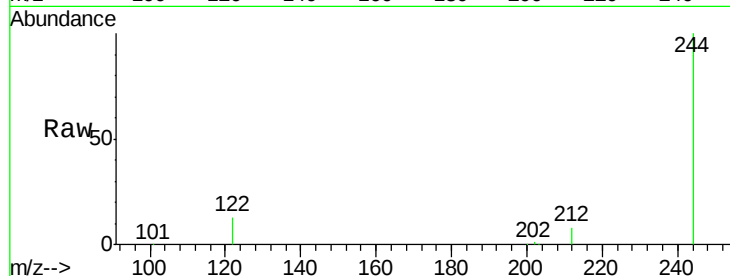




#27
 Terphenyl-d14
 Concen: 3.01 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BE090607.D
 Acq: 24 Aug 2015 18:47

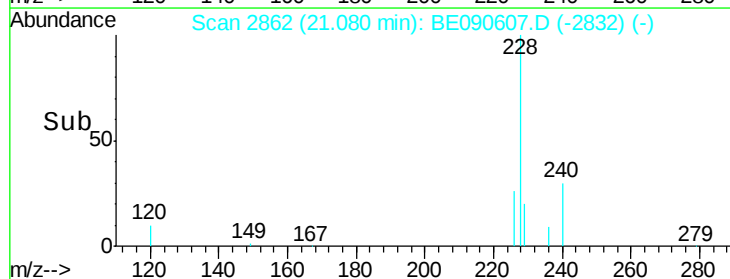
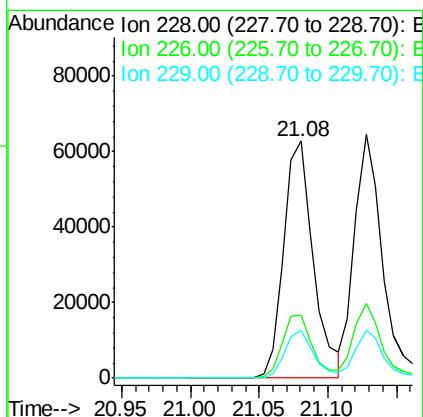
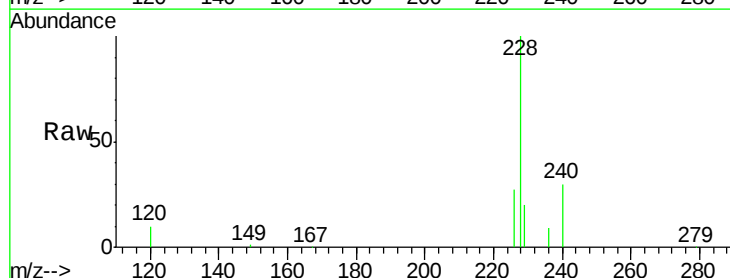
Instrument :
 BNA_E
 ClientSampleId :
 IDOC-W-04

Tgt Ion:244 Resp: 62773
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 13.3 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 3.11 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BE090607.D
 Acq: 24 Aug 2015 18:47

Tgt Ion:228 Resp: 93440
 Ion Ratio Lower Upper
 228 100
 226 26.5 21.9 32.9
 229 20.0 15.4 23.0





#29

Chrysene

Concen: 3.10 ng

RT: 21.13 min Scan# 2869

Delta R.T. 0.00 min

Lab File: BE090607.D

Acq: 24 Aug 2015 18:47

Instrument :

BNA_E

ClientSampleId :

IDOC-W-04

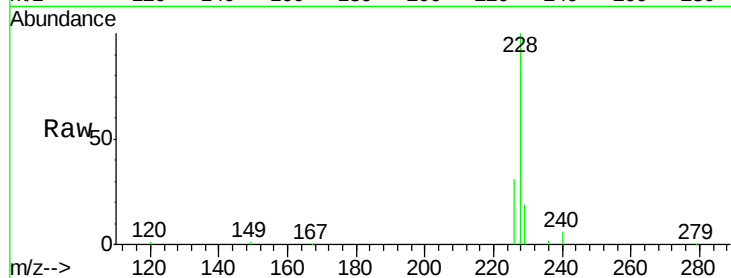
Tgt Ion:228 Resp: 94986

Ion Ratio Lower Upper

228 100

226 30.8 23.1 34.7

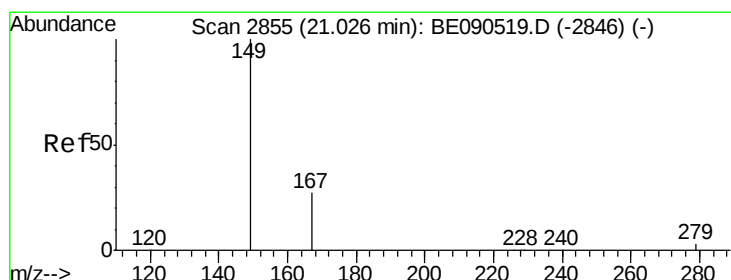
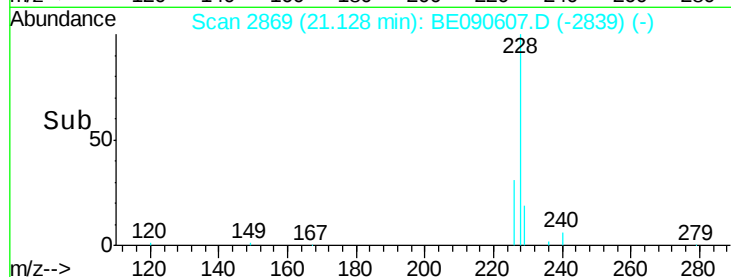
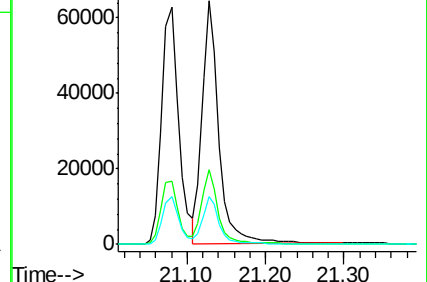
229 19.4 15.8 23.8



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: 2.33 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BE090607.D

Acq: 24 Aug 2015 18:47

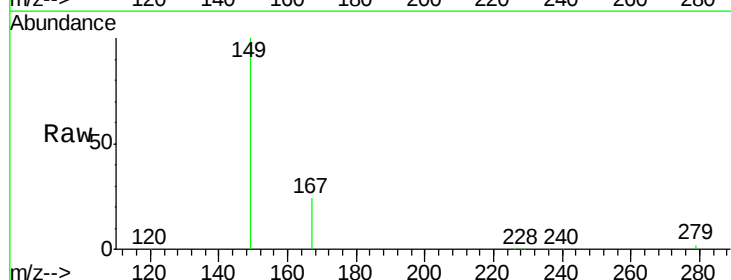
Tgt Ion:149 Resp: 40473

Ion Ratio Lower Upper

149 100

167 25.8 19.8 29.8

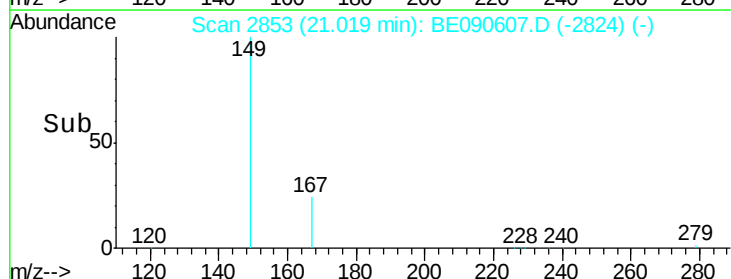
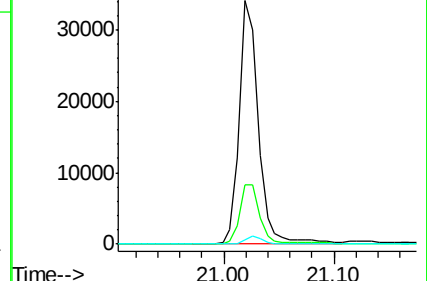
279 3.0 2.4 3.6

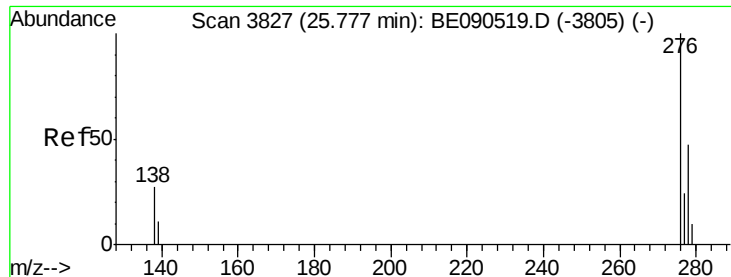


Abundance Ion 149.00 (148.70 to 149.70): E

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: 2.93 ng

RT: 25.79 min Scan# 3828

Delta R.T. 0.01 min

Lab File: BE090607.D

Acq: 24 Aug 2015 18:47

Instrument :

BNA_E

ClientSampleId :

IDOC-W-04

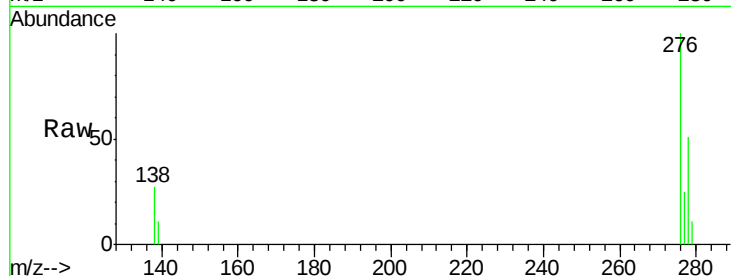
Tgt Ion:276 Resp: 84561

Ion Ratio Lower Upper

276 100

138 29.0 18.8 28.2#

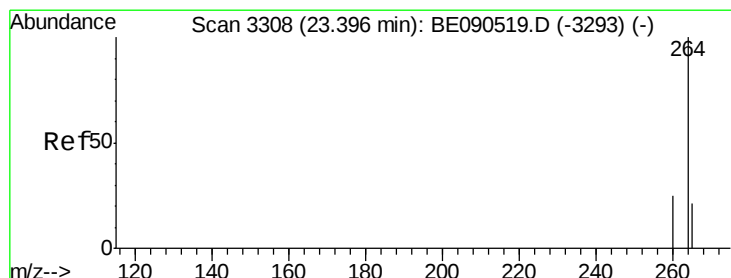
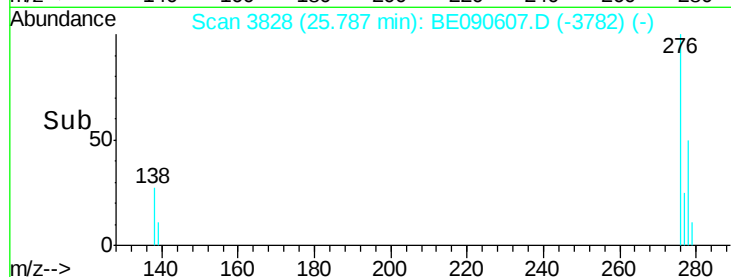
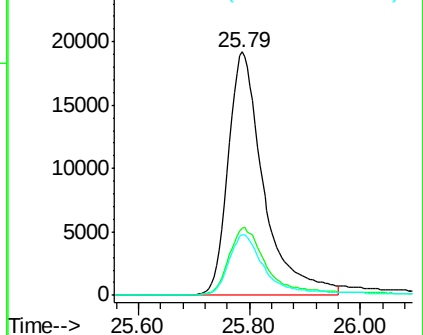
277 24.9 18.2 27.4



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: BE090607.D

Acq: 24 Aug 2015 18:47

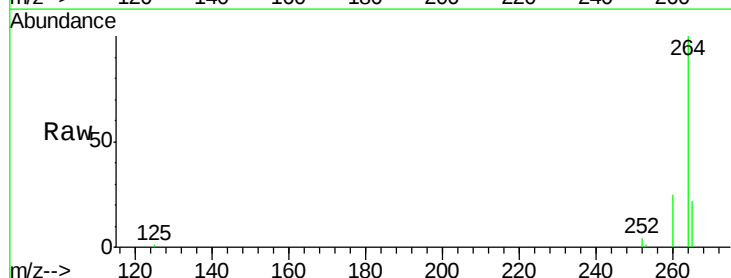
Tgt Ion:264 Resp: 97688

Ion Ratio Lower Upper

264 100

260 25.0 20.1 30.1

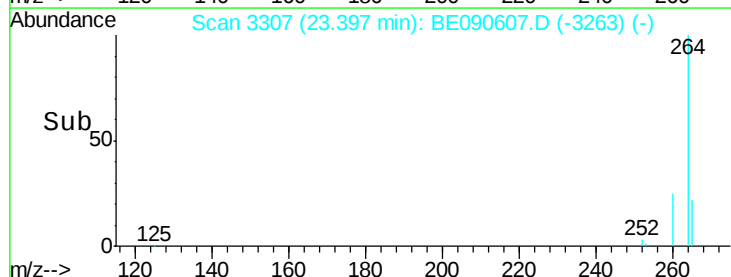
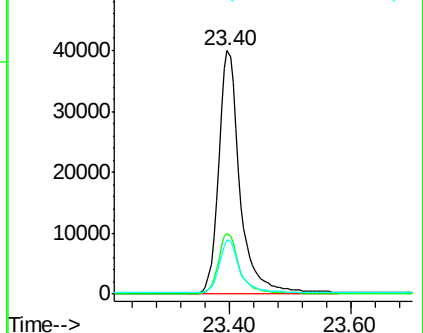
265 22.0 17.2 25.8

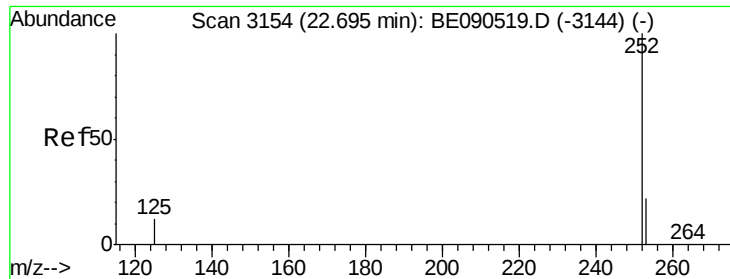


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 3.37 ng

RT: 22.70 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BE090607.D

Acq: 24 Aug 2015 18:47

Instrument :

BNA_E

ClientSampleId :

IDOC-W-04

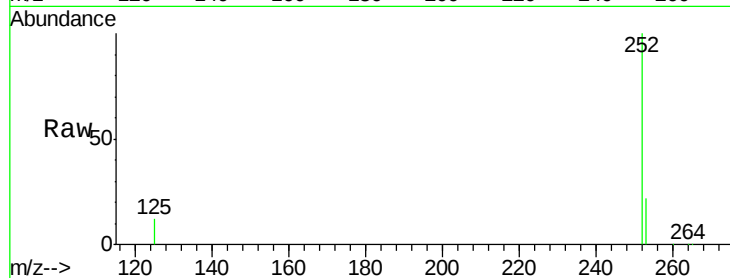
Tgt Ion:252 Resp: 77921

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

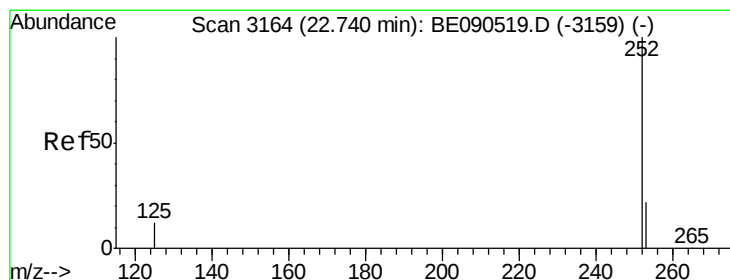
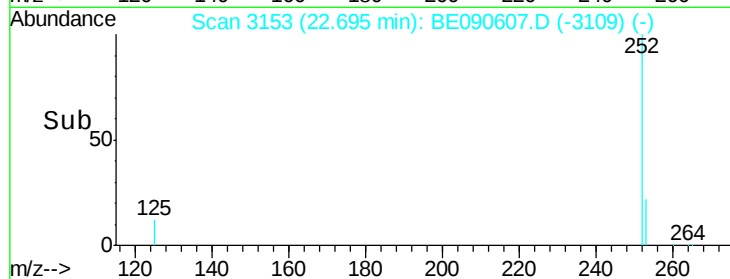
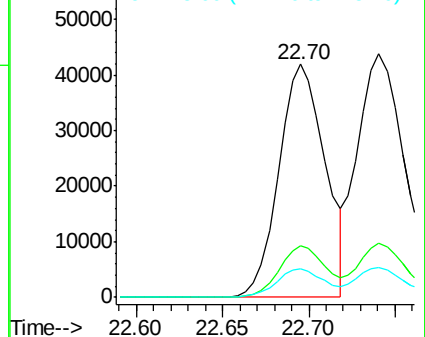
125 12.5 9.4 14.2



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: 3.55 ng

RT: 22.74 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BE090607.D

Acq: 24 Aug 2015 18:47

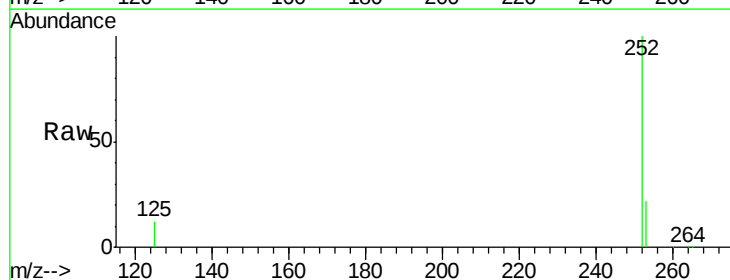
Tgt Ion:252 Resp: 92955

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

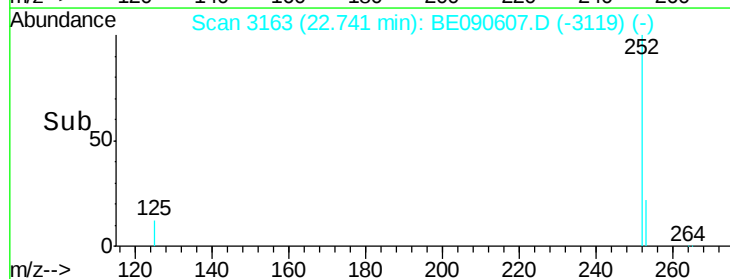
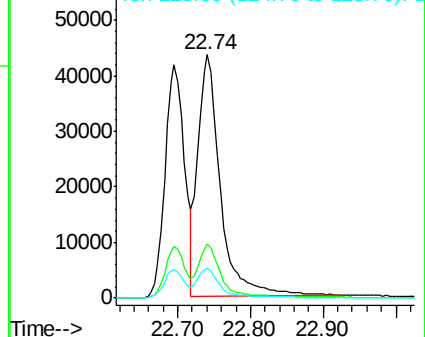
125 12.4 9.1 13.7



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: 3.66 ng

RT: 23.29 min Scan# 3284

Delta R.T. 0.00 min

Lab File: BE090607.D

Acq: 24 Aug 2015 18:47

Instrument :

BNA_E

ClientSampleId :

IDOC-W-04

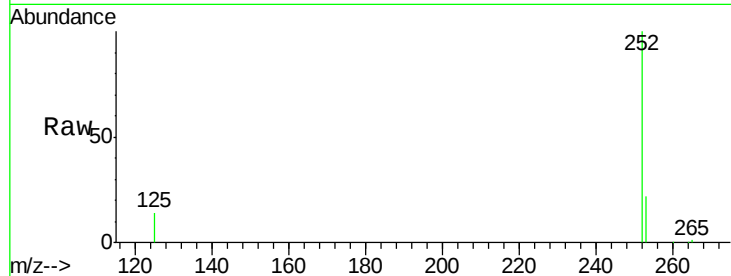
Tgt Ion:252 Resp: 79147

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

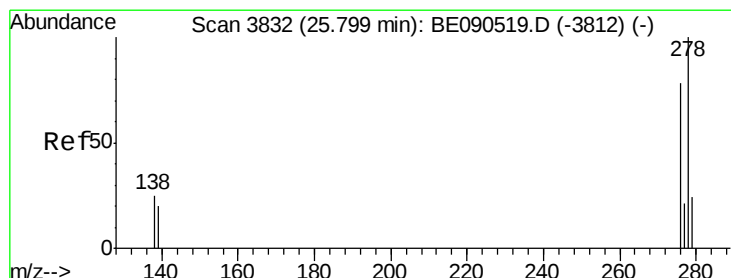
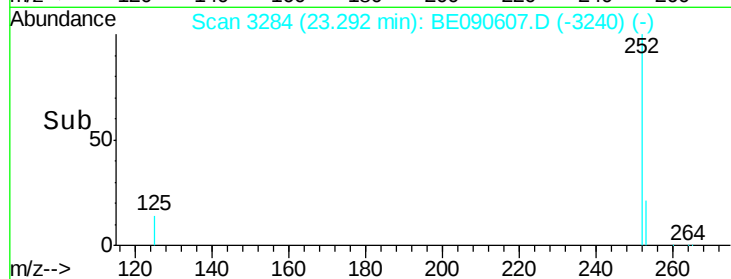
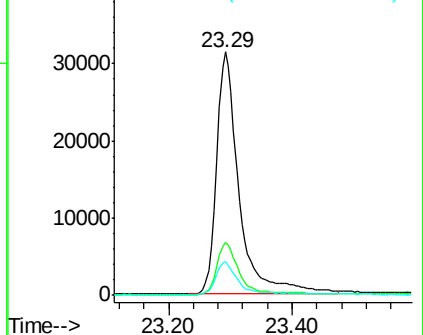
125 13.8 9.8 14.6



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: 3.20 ng

RT: 25.81 min Scan# 3833

Delta R.T. 0.01 min

Lab File: BE090607.D

Acq: 24 Aug 2015 18:47

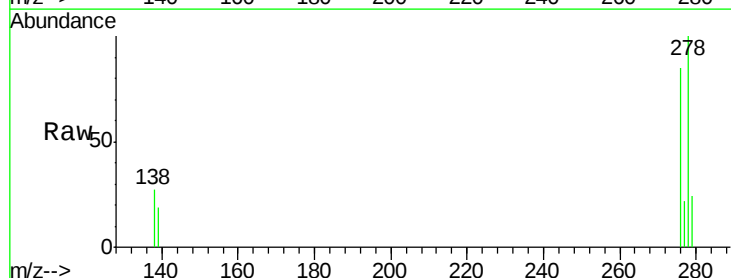
Tgt Ion:278 Resp: 66823

Ion Ratio Lower Upper

278 100

139 19.2 14.2 21.4

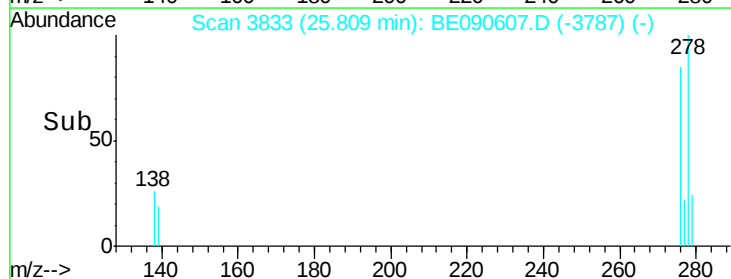
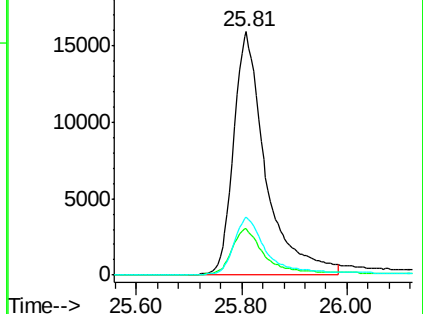
279 24.0 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 3.29 ng

RT: 26.52 min Scan# 3988

Delta R.T. 0.01 min

Lab File: BE090607.D

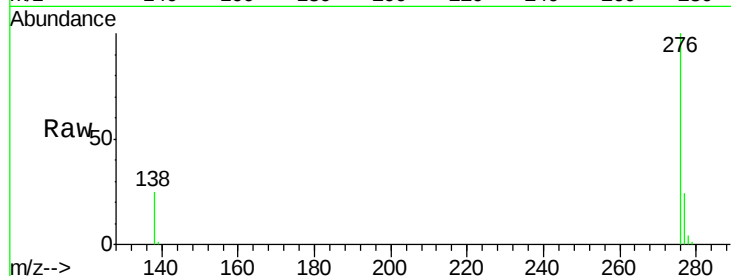
Acq: 24 Aug 2015 18:47

Instrument :

BNA_E

ClientSampleId :

IDOC-W-04



Tgt Ion: 276 Resp: 75123

Ion Ratio Lower Upper

276 100

277 23.7 20.1 30.1

138 25.5 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

